



Village of Ashville

Approved Street Tree List

September 2020



VILLAGE OF ASHVILLE APPROVED STREET TREE LIST



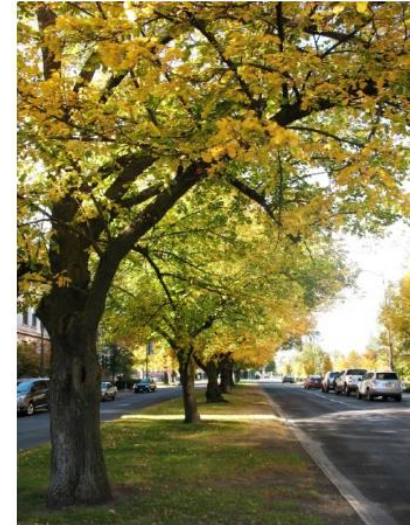
Introduction Village of Ashville Tree Advisory Board’s mission is to create a diverse, healthy, and accessible urban tree canopy for the benefit of all citizens through quality planting, protection, and stewardship. The Approved Street Tree List is just one part of this commitment to community leadership in planning, planting, and stewardship of the urban forest. Use of the Approved Street Tree List will encourage diversity, prevent infrastructure conflicts, and maximize the environmental, economic, human health and social benefits of trees.

Species listed have been approved for planting based on the following criteria: • Space available for planting • Insects and disease tolerance/resistance • Past success of the species in the urban environment • Overall species diversity in the forest • Climate compatibility • Desirable aesthetic characteristics

Over time the Village of Ashville will conduct an inventory of trees. The high proportion of maples creates a significant risk of loss due to insects or disease that may catastrophically affect the population, significantly reducing the village’s overall tree canopy.

In order to prevent a possible devastating canopy loss, Ashville encourages planting a diversity of trees species. The International Society of Arboriculture (ISA) recommends an urban forest have no more than 20% in any one genus and no more than 10% in any single species. Current research is promoting an even more conservative limit of 10% in any single genus. By planting underrepresented species, Ashville can take important steps toward creating a healthier and more resilient urban forest.

A focus will be to conduct an inventory of trees within the Village Park System.



Acknowledgements Revision of the Approved Street Tree List was a collaborative process involving Village staff, local landscape architects, urban forestry citizen advisory committee members, nursery professionals, arboriculture and horticulture experts.

Tree Planting REQUIREMENTS A permit is required for removal, pruning, root pruning and planting of trees within Village rights-of-way and all public properties. All work must be performed by an International Society of Arboriculture Certified Arborist or Certified Tree Worker. Permit applicants must also have a current valid Commercial Tree License (SMC 10.25.010). Permit application information and the current list of Licensed Certified Arborists are available at ashvilleohio.gov

Applicable Regulations, Requirements, and Standards

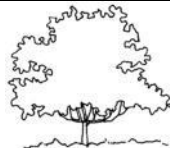

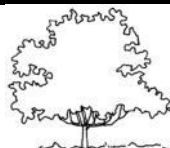

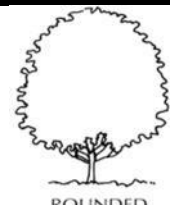

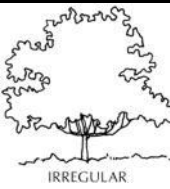

SMC 10.25 – Commercial Tree Work SMC 12.02 Article V – Urban Forestry Program SMC 17C.200 – Landscaping and Screening Arboricultural Manual: Specifications and Standards of Practice for the Village of Ashville Tree and Shrub Planting Details V-101 & 102 Contact the Tree Advisory Board for consideration of genus, species, variety, or cultivar substitutions and other variance requests.



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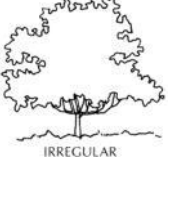


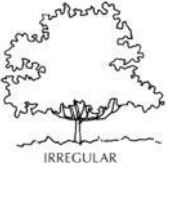

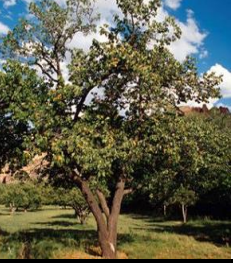
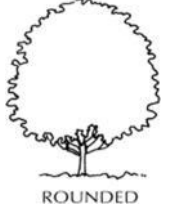


Extra Small Trees – Four (4) Foot Right of Way 15 - 20

Common Name Scientific Name	Form at Maturity	Growth & Mature Size	Characteristics	Picture
Pendula Weeping Japanese Pagoda Tree Sophora japonica 'Pendula'	 <p style="font-size: small;">IRREGULAR Crown uniformity: symmetrical canopy with a regular (or smooth) outline, and individuals have more or less identical crown forms Crown shape: weeping Crown density: moderate</p>	Height: 15-20' Spread: 12-20' Growth Rate: Medium Hardiness: - zones: 5-8A	Young Weeping Scholar Tree. Weeping Scholar Tree1Weeping Pagoda Tree will grow to a height and spread of about 20 feet, forming a fine-textured, weeping round canopy even as a young tree (Fig. 1). It has a rapid growth rate and tolerates polluted city conditions, heat, and drought. The tree prefers a sunny, open location on any light soil. The very showy, greenish-white to yellow flowers produced by the species in mid to late summer are mostly absent from this cultivar. The young green twigs turn a dark grey with age. GENERAL INFORMATION: Weeping Scholar Tree, Weeping Japanese Pagoda Tree Family: Leguminosae USDA Origin: not native to North America Uses: large parking lot islands (> 200 square feet in size); wide tree lawns (>6 feet wide); medium-sized parking lot islands (100-200 square feet in size); medium-sized tree lawns (4-6 feet wide); recommended for buffer strips around parking lots or for median strip plantings in the highway; near a deck or patio; shade tree; residential street tree; tree has been successfully grown in urban areas where air pollution, poor drainage, compacted soil, and/or drought are common Availability: grown in small quantities by a small number of nurseries DESCRIPTION Crown uniformity: symmetrical canopy with a regular (or smooth) outline, and individuals have more or less identical crown forms Crown shape: weeping Crown density: moderate	
Red Buckeye Aesculus pavia	 <p style="font-size: small;">IRREGULAR Crown uniformity: irregular outline or silhouette Crown shape: round; pyramidal Crown density: moderate</p>	Height: 15-25' Spread: 15-25' Growth Rate: Medium Hardiness: USDA 6-9A	Red Buckeye is a small North American native tree. Red Buckeye is most popular for its springtime display of three to six-inch-long, upright, terminal panicles composed of 1.5-inch-wide, red flowers which are quite attractive to hummingbirds. These blooms are followed by flat, round capsules which contain bitter and poisonous seeds. The large, dark green, palmate leaves usually offer no great color change in fall and often drop as early as late September. GENERAL INFORMATION Scientific name: Aesculus pavia Pronunciation: ESS-kew-lus PAY-vee-uh Common name(s): Red Buckeye Family: Hippocastanaceae Origin: native to North America Uses: container or above-ground planter; wide tree lawns (>6 feet wide); medium-sized tree lawns (4-6 feet wide); recommended for buffer strips around parking lots or for median strip plantings in the highway; near a deck or patio; reclamation plant; shade tree; specimen; residential street tree Availability: somewhat available, may have to go out of the region to find the tree.	
Allegheny Serviceberry Amelanchier laevis	 <p style="font-size: small;">ROUNDED</p>	Height: 15-25' Spread: 10-15' Growth Rate: Medium Hardiness: -30 Zone: 4a	General: Rounded habit with bronzy purple new foliage, edible pomes. Fall Color: Red-orange. Flowering: White, fragrant flowers. Growing Conditions: Full sun, prefers wet sites generally, pruned up to form small tree, transplants easily. Pests & Problems: No serious insect or disease problems. Rust, leaf spot, fire blight, powdery mildew and canker are occasional problems. Root suckers are common, and if not removed, will result in a shrubby growth habit for the plant.	
Pagoda Dogwood Cornus alternifolia	 <p style="font-size: small;">IRREGULAR</p>	Height: 15-25' Spread: 15-20' Growth Rate: Slow to Medium Hardiness: -30 Zone: 4a	General: Distinctive horizontal branching. Shape is often somewhat irregular, but can be more or less rounded. Loose and open density. Fall Color: A mix of yellow with reddish purple mixing in. Flowering: Small, white flowers Growing Conditions: Full sun is acceptable if the site is not hot and dry, performs best in colder climates. Cool, moist, acidic soils are best, partial shade is ideal. Tree is somewhat short-lived and needs specific site requirements. Pests & Problems: Twig blight and canker are significant problems in some locations.	



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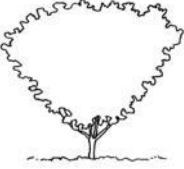


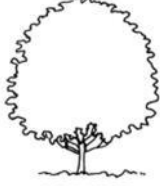


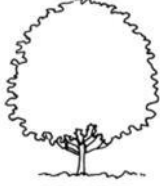


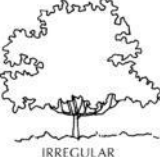



Extra Small Trees – Four (4) Foot Right of Way 15-20				
Common Name Scientific Name	Form at Maturity	Growth & Mature Size	Characteristics	Picture
Eastern Redbud Tree Cercis canadensis	 <p style="text-align: center;">ROUNDED</p>	Height: 20' Spread: 25' Growth Rate: Medium Hardiness:	Redbud is native, and a beautiful garden tree that features rosy-purple flowers from late winter to spring. Flowers then fade to a yellow color in late summer and fall. Essential tree for your garden. Arrives to you in a 5-gallon pot, about 5-6 feet tall as shown in photo. Light requirements: Full sun Water requirements: Weekly when first planted, less once established	 
Dwarf Chinkapin Oak Quercus prinoides Willdenow	 <p style="text-align: center;">IRREGULAR</p>	Height: 20' Spread: Growth Rate: Medium Hardiness: -20	GROWTH FORM: rhizomatous shrub or a small tree to 20 feet (7.6 m). BARK: thin gray bark with furrows and scaly ridges. TWIGS and BUDS: grayish twigs, broadly rounded bud brown to chestnut-brown with a blunt apex, scales have some pubescence. LEAVES: short-petiole 1/4 - 5/8 inch (6 - 16 mm); leathery leaves are obovate, 1 1/2 - 5 1/2 inches (38 - 140 mm), 3/4 - 2 1/2 inches (19 - 63 mm), margin undulate or toothed with 3 - 8 pair of short rounded teeth, base cuneate, apex rounded; shiny dark green above, light green below with slight pubescence. ACORNS: annual; 1 - 2 acorns on peduncle up to 3/8 inch (10 mm), thin cup with short gray pubescent scales, covering up to 1/3 of nut; oblong to oval light brown nut, up to 3/4 inch (19 mm) long. Other Common Name: Dwarf Chinkapin Oak; Scrub Oak Family: Fagaceae (oaks) Size: Height: to 15 feet, but usually only 3-10 feet.	 
Apricot Tree Prunus armeniaca Rosaceae Fruit Tree	 <p style="text-align: center;">IRREGULAR</p>	Height: 20' Spread: Growth Rate: Hardiness:	Apricot tree, producing delicious apricots. The branch of an apricot tree loaded with ripe orange fruit. The apricot tree is a wonderful fruit tree that requires a bit of care to produce beautiful apricots, but it's easy to grow. Key facts about the apricot tree Exposure – full sun Soil – ordinary Foliage – deciduous Flowering – March Harvest – July-August Planting, pruning and caring for them is important. Each helps avoid diseases and ensures proper development for your apricot tree. Read also: health benefits and therapeutic properties of apricots. Planting an apricot tree Best is to plant your apricot tree in fall, with a distance of about 5 feet (1.5 meters) between trees if you are planting several. You can also plant your apricot tree in spring or summer but provide for regular watering at the beginning.	 
Kousa Dogwood Cornus kousa	 <p style="text-align: center;">ROUNDED</p>	Height: 20-25' Spread: 20-25' Growth Rate: Slow to Medium Hardiness: -20 Zone: 5a	General: Vase shaped in youth, becoming rounded with age with horizontally stratified branching. Ornamental appeal in form, bark, flowering, fruiting and fall foliage color. Fall Color: Leaves turn red or red-purple. Flowering: Flowers are small and greenish-yellow and are surrounded by four large, showy, pointed bracts – which are white, but age to pink. Bloom time is early June but bracts last for about 6 weeks, making for a very long effective bloom time. Growing Conditions: Full sun to partial shade; prefers a moist, fertile, acidic, well-drained soil high in organic matter. Pests & Problems: Relatively problem free.	 



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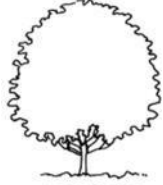


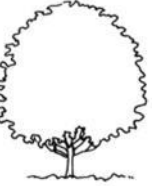



Small Trees – Six (6) Foot Right of Way 20-25				
Common Name Scientific Name	Form at Maturity	Growth & Mature Size	Characteristics	Picture
Summer Sprite Tree <i>Tilia cordata</i> ‘Halka’	 PYRAMIDAL	Height: 25’ Spread: 18’ Growth Rate: Medium Hardiness: -20	General: Compact oval to vase shape. Very compatible with sidewalks or vehicles. Low maintenance, tidy. Fall Color: Yellow. Flowering: yellowish, drooping clusters attached to pale greenish-yellow leaf-like bracts, mid-summer, very fragrant, attracts bees, flowers after <i>T. Americana</i> but before <i>T. tomentosa</i> . Growing Conditions: Full/mostly sun – as with all trees, water deeply in summer. Pests & Problems: susceptible to aphids and Japanese Beetles, cultivar’s resistance unknown,	
Wireless® Zelkova <i>Zelkova serrata</i> ‘Schmidtlow’ 	 VASE	Height: 25’ Spread: 35’ Growth Rate: Medium Hardiness: -20 Zone: 5a	General: Broadleaf deciduous tree, low and spreading in a vase form. Suitable for under utility lines. Fall Color: Fall color is variable, a mix of yellow, russet, bronze, dark red and purple can be quite showy on good specimens Flowering: Not ornamental. Growing Conditions: Sun, prefers moist, deep soil, pH adaptable; once established. Pests & Problems: Wind and drought tolerant. Some considered it a good substitute for American elm, for it is resistant to Dutch-elm disease, but generally it has not gained acceptance as a substitute.	
Japanese Tree Lilac <i>Syringa reticulata</i> 	 ROUNDED	Height: 25’ Spread: 20’ Growth Rate: Medium Hardiness: -20 Zone: 5a	General: Large shrub or small tree. Stiff, spreading branches with rounded crown. Fall Color: Insignificant. Flowering: Prune after flowering, cut off old flower heads. Growing Conditions: Full sun, prefers well-drained, slightly acidic soil and transplants easily. Needs good air circulation. Pests & Problems: Somewhat resistant to mildew, scales and borers.	
Paperbark Maple <i>Acer griseum</i> 	 ROUNDED	Height: 25’ Spread: 20’ Growth Rate: Slow Hardiness: -20 Zone: 5a Planting Width: 5’	General: Small deciduous tree with round habit. Shape is oval, upright or irregular, has short main trunk with several, secondary, more or less upright scaffold trunks; texture is fine to medium. Tree is noted for its peeling, cinnamon to reddish brown bark. Fall Color: Red. Flowering: Green, inconspicuous. Growing Conditions: Full sun or partial shade; prefers a moist, well-drained, slightly acidic soil. Pests & Problems: Relatively pest free.	
City Sprite Tree TM <i>Zelkova serrata</i> KW1’ P.A.F. 	 IRREGULAR	Height: 25-30’ Spread: 20-30’ Growth Rate: Medium Hardiness: Zones 5-8	General: Compact oval to vase shape. Very compatible with sidewalks or vehicles. Low maintenance, tidy. Fall Color: Red and Purple. Flowering: Not ornamentally important. Growing Conditions: Full/mostly sun – as with all trees, water deeply in summer. Pests & Problems: Resistant to drought, foot traffic, and heat.	



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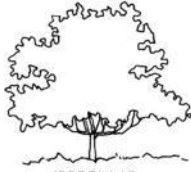









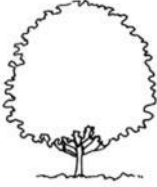
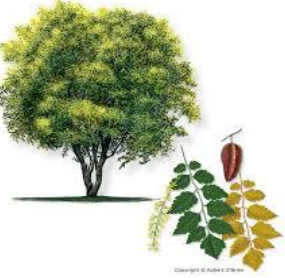


Small Trees – Six (6) Foot Right of Way 20 - 25				
Common Name Scientific Name	Form at Maturity	Growth & Mature Size	Characteristics	Picture
Thornless Cockspur Hawthorn Crataegus crus-galli var.inermis 	 ROUNDED	Height: 20-30' Spread: 20-30' Growth Rate: Slow Hardiness: -30 Zone: 4a	General: Rounded, spreading crown with horizontal branches and medium texture. Fall Color: Bronze-red to red fall color. Flowering: Small, white flowers, 0.6" in diameter. Blooms in May, with short bloom time - just a week - borne in large corymbs, 2" to 3". Odeorous. Growing Conditions: Full sun is best, prefers well-drained soil, is soil tolerant and pH adaptable. Transplant in Spring. Pests & Problems: This variety of Hawthorn is virtually thornless, which reduces damage from large thorns of other members of Hawthorn family. Tends to have many pest problems similar to apple trees: fireblight, aphids, scales, powdery mildew.	
Amur Maackia Maackia amurensis 	 ROUNDED	Height: 25' Spread: 20' Growth Rate: Slow Hardiness: -25 Zone: 4b	General: Rounded shape, foliage mostly toward the outer part of the canopy, short main trunk that splits into many main branches 2' to 3' from the ground, neat clean attractive form. Fall Color: No color develops, leaves drop green or brown. Flowering: Small dull, white pea-like flowers, in upright clusters 4" to 6" long. Bloom time is June and July, flowers are not overwhelmingly showy but are nice for their summer appearance. Like most legume trees, heavy blooming does not occur each year. Growing Conditions: Full sun is best, seems to prefer loose, well-drained soils, soil pH is not an important factor, easily transplanted, fixes nitrogen. Pests & Problems: No serious problems, Japanese beetles may feed on foliage; may not bloom well every year; hard to find in retail nurseries, but worth the search.	



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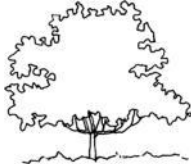


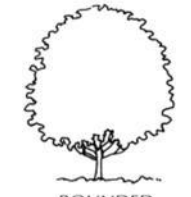


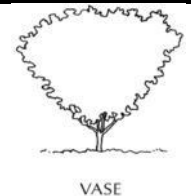


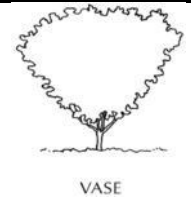



Medium Trees – Eight (8) Foot Right of Way 25 - 40				
Common Name	Form at Maturity	Growth & Mature Size	Characteristics	Picture
<p>Persian Parrotia</p> <p>Parrotia persica</p> 	 <p style="text-align: center;">IRREGULAR</p>	<p>Height: 30'</p> <p>Spread: 20'</p> <p>Growth Rate: Slow to Medium</p> <p>Hardiness: -20</p> <p>Zone: 5a</p>	<p>General: A consistently beautiful tree.</p> <p>Fall Color: Orange, red, and yellow fall color that is very showy.</p> <p>Flowering: Red flowers, blooms in late March, flowers before it leaves out.</p> <p>Growing Conditions: Full sun but will do well in light shade. Is drought resistant, heat tolerant, pH adaptable and extremely tolerant once established. Displays excellent stress tolerance, withstanding drought, heat, wind, cold.</p> <p>Pests & Problems: Very pest-free.</p>	 
<p>Trident Maple Tree</p> <p>Acer buergeranum</p> <p>Aceraceae</p>	 <p style="text-align: center;">ROUNDED</p> <p>Crown uniformity: irregular outline or silhouette</p> <p>Crown shape: oval; round</p>	<p>Height: 30'</p> <p>Spread: 25'</p> <p>Growth Rate: Medium</p> <p>Hardiness: USDA 48-9</p>	<p>Tree has beautiful 3-inch-wide, tri-lobed leaves, glossy green above and paler underneath, which turn various shades of red, orange, and yellow in autumn (Fig. 1). Flowers are bright yellow and showy in the spring. Trident Maple naturally exhibits low spreading growth and multiple stems but can be trained to a single trunk and pruned to make it branch higher, allowing passage below its broad, oval to rounded canopy. With its moderate growth rate, attractive orange-brown peeling bark, and easy maintenance, Trident Maple is popular as a patio or street tree and is also highly valued as a bonsai subject. Crown form is often variable and selection of a uniformly-shaped, vigorous cultivar is needed. Origin: not native to North America Uses: Bonsai; container or above-ground planter; large parking lot islands (> 200 square feet in size); wide tree lawns (>6 feet wide); medium-sized parking lot islands (100-200 square feet in size); medium-sized tree lawns (4-6 feet wide); recommended for buffer strips around parking lots or for median strip plantings in the highway; near a deck or patio; shade tree; small parking lot islands (< 100 square feet in size); narrow tree lawns (3-4 feet wide); specimen; residential street tree; tree has been successfully grown in urban areas where air pollution, poor drainage, compacted soil, and/or drought are common Availability: somewhat available, may have to go out of the region to find the tree</p>	
<p>Carolina Silverbell</p> <p>Halesia tetraptera</p> <p>H. carolina</p> <p>H. monticola</p> 	 <p style="text-align: center;">ROUNDED</p>	<p>Height: 35'</p> <p>Spread: 25'</p> <p>Growth Rate: Medium</p> <p>Hardiness: -20</p> <p>Zone: 4-7</p>	<p>General: Rounded habit with ornamental, white flowers in early spring, fruits summer to late summer. Low-branched tree with narrow head and ascending branches.</p> <p>Fall Color: Yellow-green.</p> <p>Flowering: Pendulous, white, bell-shaped flowers, in clusters of up to 5.</p> <p>Growing Conditions: Full sun to partial shade, prefers a moist, well-drained, acid soil. Use container grown material, as B&B plants are difficult to establish.</p> <p>Pests & Problems: Exceptionally pest resistant.</p>	 
<p>Goldenrain Tree</p> <p>Koelreuteria paniculate</p> 	 <p style="text-align: center;">ROUNDED</p>	<p>Height: 30-35'</p> <p>Spread: 30'</p> <p>Growth Rate: Medium to Fast</p> <p>Hardiness: -20</p> <p>Zone: 5a</p>	<p>General: Rounded habit, this is a beautiful dense tree that is sparingly branched with branches spreading and ascending. Fruits in summer with a long fruiting season.</p> <p>Fall Color: Yellow or golden with an orange cast, inconsistent fall color, often only a yellowish-green.</p> <p>Flowering: Yellow flowers spring to late spring.</p> <p>Growing Conditions: Full sun, drought resistant, pH adaptable, urban tolerant. Transplants well, is adaptable to wide range of soils; withstands drought, heat, wind and alkaline soils, and tolerates air pollutants.</p> <p>Pests & Problems: None serious.</p>	



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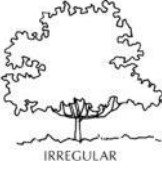

Large Trees – Ten (10) Foot Right of Way 40 - 50				
Common Name Scientific Name	Form at Maturity	Growth & Mature Size	Characteristics	Picture
His Majesty Cork Tree Phellodendron 'His Majesty' 	 IRREGULAR	Height: 40' Spread: 35' Growth Rate: Medium Hardiness: -30 Zone: 4a	General: Medium-sized deciduous tree, which is significantly wider than tall. Branching is broad spreading with a short main trunk and several large main branches; trees frequently become almost flat-topped with maturity, picturesque branching. Fall Color: Yellow and short-lived, not especially showy. Flowering: Dioecious, with male and female plants, flowers are small and greenish-yellow and not ornamentally significant. Blooms in late May and early June. Growing Conditions: Easily transplanted, tolerant of many soil and pHs, full sun, somewhat tolerant of drought and pollution. Pests & Problems: Very pest free.	
American Hop Hornbeam Ostrya virginiana 	 ROUNDED	Height: 40' Spread: 25' Growth Rate: Slow Hardiness: -30 Zone: 4a	General: Very graceful small tree with many horizontal or drooping branches usually forming a rounded outline. Somewhat slow to reestablish after transplanting. Fall Color: Yellowish brown to orange, not particularly impressive. Flowering: Male flowers are catkins in 3's, not highly ornamental. Growing Conditions: Full sun to partial shade, acid soil tolerant, and drought resistant. Pests & Problems: None serious, witches broom on occasion.	
Chinese Elm Ulmus parvifolia 	 VASE	Height: 40' Spread: 25' Growth Rate: Fast Hardiness: -20 Zone: 5a	General: Deciduous tree with a broad vase-shape habit and pendulous branches. Fall Color: Yellowish-brown. Flower Color: N/A. Growing Conditions: Full sun to part shade. Drought resistant, fragrant flowers, pH adaptable. Shows excellent urban tolerance, is easily transplanted and adaptable to extremes of pH and soil. Pests & Problems: Shows considerable resistance to Dutch elm disease and also elm leaf and Japanese beetle.	
Frontier Elm Ulmus x 'Frontier' 	 VASE	Height: 40' Spread: 30' Growth Rate: Fast Hardiness: -20 Zone: 5a	General: Deciduous tree with a broad vase-shape habit and pendulous branches. Fall Color: Red-purple-burgundy. Flower Color: N/A. Growing Conditions: Full sun to part shade. Drought resistant, fragrant flowers, easily transplanted. Adaptable to extremes of pH and soil, shows excellent urban soil tolerance. Pests & Problems: Shows considerable resistance to Dutch elm disease and also elm leaf and Japanese beetle.	



VILLAGE OF ASHVILLE APPROVED STREET TREE LIST




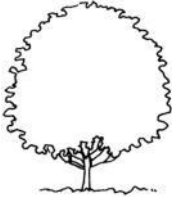

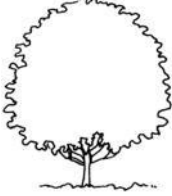


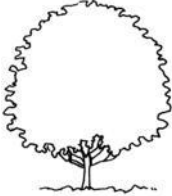




Large Trees – Ten (10) Foot Right of Way 40 - 50

Common Name Scientific Name	Form at Maturity	Growth & Mature Size	Characteristics	Picture
Thornless Honeylocust <i>Gleditsia triacanthos</i> var. <i>inermis</i>  	 ROUNDED	Height: 45' Spread: 35' Growth Rate: Fast Hardiness: -25 Zone: 4-7	General: Rounded habit - usually a tree with a short trunk and open-spreading crown (light-shade), with a very delicate and sophisticated silhouette. Readily transplanted, withstands wide range of conditions. Fall Color: Leaves turn a showy, clear yellow, leaves typically drop early. Flower Color: Fragrant, small, greenish-yellow flowers, blooms in May and June. Growing Conditions: Full sun, drought resistant, pH adaptable, salt and urban tolerant. Pests & Problems: Leaf spot, canker, powdery mildew, rust gall and webworm can defoliate tree.	
Chinkapin Oak <i>Quercus muehlenbergii</i>  	 ROUNDED	Height: 45' Spread: 45' Growth Rate: Medium Hardiness: -20 Zone: 5a	General: Rounded habit. Fall Color: Yellow fall color, very show. Color develops late and is long lasting. Flowering: Monoecious, male flowers are pendulous with yellow-green catkins. Blooms in May, is messy. Growing Conditions: Full to partial sun, alkaline soil. Somewhat difficult to transplant, prefers rich bottomlands. Pests & Problems: Disease, drought, and insect resistant.	
American Yellowwood <i>Cladrastis lutea</i>  	 ROUNDED	Height: 30-50' Spread: 40-55' Growth Rate: Medium Hardiness: -20 Zone: 5a	General: Rounded form. This species tends to flower heavily on alternate years. Fall Color: Soft mix of yellow, gold and orange, showy on most trees. Flowering: White, fragrant pea-like flowers in 10" to 16" long clusters, resemble wisteria blooms. Bloom time is early June and expect a heavy bloom every 2 or 3 years. Growing Conditions: Full sun; moist, well-drained soil; prefers alkaline soil, tolerates acid soil. Pests & Problems: Tree should be pruned in summer as winter or spring pruning can lead to excessive sap loss.	
Kentucky Coffeetree <i>Gymnocladus dioicus</i>	 IRREGULAR	Height: 50' Spread: 35' Growth Rate: Medium Hardiness: -30 Zone: 4a	General: Unique habit, picturesque quality, upright to irregular branching. Somewhat clumsy looking in winter but has interesting textured bark – gray, ridged, and furrowed with rough look. Fall Color: Inconsistent – sometimes a good yellow, but often not good. Fallen leaves are somewhat of a litter problem due to the large rachis. Flowering: Dioecious, fragrant, not highly ornamental but interesting. Fruit is a chunky, dark reddish brown pod ripening in October. Growing Conditions: Full sun or perhaps part shade, prefers deep, moist, rich soil for best growth. Drought resistant, pH and soil adaptable, urban tolerant. Adaptable to wide range of soil conditions. Pests & Problems: None serious. Litter from leaves and fruit potentially.	



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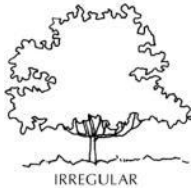

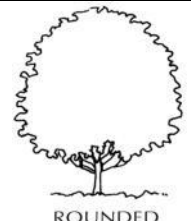

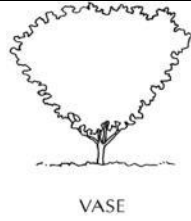

Large Trees – Ten (10) Foot Right of Way 40 - 50				
Common Name	Form at Maturity	Growth & Mature Size	Characteristics	Picture
Sugar Maple Acer saccharum 	 ROUNDED	Height: 50' Spread: 40' Growth Rate: Slow Hardiness: -25 Zone: 4b	General: Beautiful shade tree. Upright-oval to rounded when mature; usually quite dense in foliage. Branches are strong, rarely breaks in wind or under ice load. Fall Color: Excellent yellow, orange or red. Shaded leaves on plant interior are yellow, while exterior, exposed leaves turn orange with a red cast. Flowering: Small yellowish green, before leaves in April. Growing Conditions: Full sun to part shade. Does not perform well when root zone is restricted and is not tolerant of high heat, pollution or road salt. Does tolerate some shade but full sun needed for proper landscape development. Pests & Problems: Leaf scorch can be a serious problem caused by excessive drought. Intolerant of urban conditions.	
Japanese Pagoda Tree Sophora japonica	 ROUNDED	Height: 50' Spread: 40' Growth Rate: Fast Hardiness: -15 Zone: 5b	General: Usually upright-spreading with a broadly rounded crown at maturity; casts a relatively light shade. Fall Color: None. Leaves drop green or green-yellow. Flowering: Pale yellow to creamy white, fragrant flowers, pea-like, hang in 6-12" clusters, bloom in August. Fruit is a 3-8" green pod turns yellow and eventually brown in October. Growing Conditions: Full sun to part shade, heat tolerant, long fruiting season, urban tolerant. Pests & Problems: Some pest/disease problems, twig kill in severe winters, canker that is made worse by cold injury, can be messy due to dropped petals, fruit and leaves.	
Shingle Oak Quercus imbricaria 	 ROUNDED	Height: 50' Spread: 40' Growth Rate: Medium Hardiness: -20 Zone: 5a	General: Pyramidal to upright-oval in youth then assuming a haystack-shaped to broad-rounded outline in old age. Fall Color: Yellow-brown; brown leaves persist on the tree into winter. Flowering: Monoecious, male flowers are pendulous yellow-green catkins. Blooms in May, is messy. Fruit is a small acorn. Growing Conditions: Full sun to part shade. Prefers acid soil and is drought resistant. Transplants fairly well. Pests & Problems: Possible susceptibility to problems reported on oaks – including leaf eaters and gall forming cankers, but is generally a durable long-lived tree.	
Pioneer Elm Ulmus x 'Pioneer' 	 OVAL	Height: 40-60' Spread: 40-50' Growth Rate: Fast Hardiness: -20 Zone: 5a	General: Broad oval to rounded spreading crown. A hybrid of U. glabra x U. carpinifolia. Fall Color: Yellow. Flowering: Inflorescences open in August and early September, are greenish-yellow, occur in the leaf axils, and are noticeable but ornamentally insignificant - being rather small and hidden among the foliage. Growing Conditions: Full sun to partial shade. Pests & Problems: Extremely vigorous and disease resistant. Tolerant of Dutch Elm Disease.	

Large Trees – Ten (10) Foot Right of Way 40 - 50



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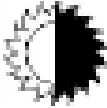








Common Name Scientific Name	Form at Maturity	Growth & Mature Size	Characteristics	
Magnifica Hackberry Celtis 'Magnifica'	 IRREGULAR	Height: 50-60' Spread: 40-50' Growth Rate: Fast Hardiness: -20 Zone: 5a	General: Rounded and spreading to pyramidal. Hybrid of <i>C. laevigata</i> and <i>C. occidentalis</i> and has larger glossier leaves than its parents. Corky gray bark provides winter interest. Fall Color: Vibrant yellow. Flowering: Edible drupes that can temporarily stain sidewalks. Growing Conditions: Full sun. Stands up well to windy conditions and can tolerate a wide range of environmental and soil conditions. Pests & Problems: More insect resistant than parents. Resistant to witches broom. Tough and tolerant urban tree.	
Bloodgood London Planetree Plantanus x acerifolia 'Bloodgood'	 ROUNDED	Height: 60' Spread: 50' Growth Rate: Fast Hardiness: -15 Zone: 5b	General: Large rounded tree that is pyramidal in youth developing with age to a large, open, wide-spreading outline with massive branches. Fall Color: Poor yellow. Flowering: Not ornamentally important. Growing Conditions: Full sun to part shade, pH adaptable, urban tolerant. Easily transplanted, will grow in about anything, withstands high pH conditions and pollutants; withstands smoke and grime of cities. Pests & Problems: Disease resistant but canker stain can be very serious.	
Japanese Zelkova Zelkova serrata	 VASE	Height: 50-70' Spread: 40-50' Growth Rate: Medium to Fast Hardiness: -20 Zone: 5a	General: A low-branched, vase-shaped tree becoming more rounded and broad in maturity. Fall Color: Yellow, gold, orange, bronze, red, and purple. Flowering: Monoecious and ornamentally insignificant bloom occurs in April. Growing Conditions: Full sun, very wind and drought tolerant once established, heat tolerant and pH adaptable. Urban tolerant with reasonable pollution tolerance. Pests & Problems: Young trees are susceptible to frost. Susceptible to some of the problems typical in elms; however, resistant to Dutch elm disease.	



VILLAGE OF ASHVILLE APPROVED STREET TREE LIST



Legend	
	Full Sun
	Partial Sun/Shade
	Prefers wet site
	Moderate Rain
	Drought Tolerant
	Bird Friendly
	Stands up to wind
	Utility Friendly