







DRAFT Tree List for Improved Right-of-Way (ROW)

Large Columnar Trees



Scientific & Common Name	Mature Height	Spread	Under Wires?	Min Strip Width	Flower Color	Fall Color	Comments
<i>Acer nigrum</i> 'Green Column' Green Column Black Sugar Maple	50	10	No	6	N/A		Good close to buildings
<i>Ginkgo biloba</i> 'Princeton Sentry' Princeton Sentry Ginkgo	40	15	No	6	N/A		Very narrow growth.
<i>Nyssa sylvatica</i> Tupelo	60	20	No	6	N/A		Handsome chunky bark – Great Plant Pick
<i>Quercus</i> 'Crimschmidt' Crimson Spire Oak	45	15	No	6	N/A		Hard to find in the nursery trade
<i>Quercus frainetto</i> Italian Oak	50	30	No	6	N/A		Drought resistant – beautiful green, glossy leaves in summer. Great Plant Pick
<i>Quercus robur</i> 'fastigiata' Skyrocket Oak	40	15	No	6	N/A		Columnar variety of oak
<i>Taxodium distichum</i> 'Mickelson' Shawnee Brave Bald Cypress	55	20	No	6	N/A		Deciduous conifer - tolerates city conditions

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<i>Acer saccharum</i> 'Bonfire' Bonfire Sugar Maple	50	40	No	6	N/A		Fastest growing sugar maple
<i>Acer saccharum</i> 'Commemoration' Commemoration Sugar Maple	50	35	No	6	N/A		Resistant to leaf tatter. Great Plant Pick
<i>Acer saccharum</i> 'Green Mountain' Green Mountain Sugar Maple	45	35	No	6	N/A		Reliable fall color. Great Plant Pick
<i>Acer saccharum</i> 'Legacy' Legacy Sugar Maple	50	35	No	5	N/A		Limited use - where sugar maple is desired in limited planting strip area. Great Plant Pick
<i>Aesculus flava</i> Yellow Buckeye	60	40	No	6			Least susceptible to leaf blotch – large fruit – fall color is varied, but quite beautiful
<i>Cercidiphyllum japonicum</i> Katsura Tree	40	40	No	6	N/A		Needs lots of water when young – can produce large surface roots. Great Plant Pick
<i>Fagus sylvatica</i> Green Beech	50	40	No	6	N/A		Silvery-grey bark
<i>Fagus sylvatica</i> 'Asplenifolia' Fernleaf Beech	60	50	No	6	N/A		Beautiful cut leaf. Great Plant Pick



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<i>Ginkgo biloba</i> 'Magyar' Magyar Ginkgo	50	25	No	6	N/A		more upright and narrow than 'Autumn Gold'
<i>Gymnocladus dioicus</i> 'Espresso' Espresso Kentucky Coffee	50	35	No	6	N/A		Very coarse branches - extremely large bi-pinnately compound leaves














Large Trees - continued

Scientific & Common Name	Mature Height	Spread	Under Wires?	Min Strip Width	Flower Color	Fall Color	Comments
<i>Liriodendron tulipifera</i> Tulip Tree	60	30	No	8	N/A		Fast-growing tree – can get very large in open conditions
<i>Metasequoia glyptostroboides</i> Dawn Redwood	50	25	No	6	N/A		Fast growing deciduous conifer. Great Plant Pick
<i>Quercus bicolor</i> Swamp White Oak	60	45	No	8	N/A		Interesting shaggy peeling bark
<i>Quercus coccinea</i> Scarlet Oak	60	40	No	6	N/A		Best oak for fall color
<i>Quercus garryana</i> Oregon Oak	50	40	No	8	N/A		Native to Pacific Northwest. Great Plant Pick
<i>Quercus imbricaria</i> Shingle Oak	60	50	No	6	N/A		Nice summer foliage - leaves can persist throughout the winter
<i>Quercus muhlenbergii</i> Chestnut Oak	60	50	No	6	N/A		coarsely toothed leaf
<i>Quercus robur</i> English Oak	60	40	No	8	N/A		Large, sturdy tree. Acorns do not need dormant cold period to germinate, so can be invasive.
<i>Quercus rubra</i> Red Oak	60	45	No	8	N/A		Fast growing oak – large tree that needs space
<i>Quercus velutina</i> Black Oak	60	50	No	8	N/A		More drought tolerant than red oak
<i>Taxodium distichum</i> Bald Cypress	55	35	No	8	N/A		A deciduous conifer, broadly spreading when mature – columnar when young. Great Plant Pick
<i>Ulmus</i> 'Homestead' Homestead Elm	60	35	No	6	N/A		Complex hybrid - close in form to American elm - Resistant to Dutch elm disease
<i>Ulmus</i> 'Frontier' Frontier Elm	50	35	No	6	N/A		Resistant to Dutch elm disease
<i>Zelkova serrata</i> 'Greenvase' Green Vase Zelkova	45	40	No	6	N/A		Attractive exfoliating bark provides Winter appeal. Dark green leaves turn orange-red and purple in Fall. Great Plant Pick
<i>Zelkova serrata</i> 'Village Green' Village Green Zelkova	40	40	No	6	N/A		Green Vase, Mussichino and Halka are improved forms. Great Plant Pick



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Medium / Large Trees

Scientific & Common Name	Mature Height	Spread	Under Wires?	Min Strip Width	Flower Color	Fall Color	Comments
<i>Acer campestre</i> Hedge Maple	50	30	No	5	N/A		Contrary to its name, this is not a small tree – nice overall shape and structure
<i>Acer campestre</i> 'Evelyn' Queen Elizabeth Hedge Maple	40	30	No	5	N/A		More upright branching than the species.
<i>Acer freemanii</i> 'Autumn Blaze' Autumn Blaze Maple	50	40	No	6	N/A		Cross between red and silver maple – fast growing with good fall color
<i>Acer miyabei</i> 'Morton' State Street Maple	40	30	No	6	N/A		Similar to, but faster growing and larger than Hedge maple
<i>Acer pseudoplatanus</i> 'Atropurpureum' Spaethii Maple	40	30	No	5	N/A		Leaves green on top purple underneath.
<i>Aesculus x camea</i> 'Briottii' Red Horsechestnut	30	35	No	6			Resists heat and drought better than other horsechestnuts
<i>Betula jacquemontii</i> Jacquemontii Birch	40	30	No	5	N/A		White bark makes for good winter interest – best for aphid resistance, but does have issues with Bronze Birch Borer
<i>Ginkgo biloba</i> 'Autumn Gold' Autumn Gold Ginkgo	45	35	No	6	N/A		Narrow when young
<i>Nothofagus antarctica</i> Antarctic Beech	50	35	No	5	N/A		Rugged twisted branching and petite foliage – difficult to find in the nursery trade
<i>Tilia americana</i> 'Redmond' Redmond Linden	50	30	No	8	N/A		Pyramidal, needs extra water when young
<i>Tilia cordata</i> 'Greenspire' Greenspire Linden	40	30	No	6	N/A		Symmetrical, pyramidal form – sometimes has structural issues due to tight branch attachments
<i>Ulmus parvifolia</i> 'Emer II' Allee Elm	45	35	No	5	N/A		Exfoliating bark and nice fall color – Resistant to Dutch Elm Disease





























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Medium Columnar Trees

Scientific & Common Name	Mature Height	Spread	Under Wires?	Min Strip Width	Flower Color	Fall Color	Comments
<i>Carpinus betulus</i> 'Fastigiata' Pyramidal European Hornbeam	40	15	No	5	N/A		Broadens when older. Great Plant Pick
<i>Fagus sylvatica</i> 'Dawyck Purple' Dawyck Purple Beech	40	12	No	6	N/A		Purple foliage.
<i>Liriodendron tulipifera</i> 'Fastigiatum' Columnar Tulip Tree	40	10	No	6			Good next to buildings – can have problems with tight branch angles. Great Plant Pick
<i>Malus</i> 'Tschonoskii' Tschonoskii Crabapple	30	15	Yes	5			Sparse green fruit, pyramidal
<i>Oxydendron arboreum</i> Sourwood	35	12	No	5			Consistent and brilliant fall color. Great Plant Pick
<i>Pyrus calleryana</i> 'Cambridge' Cambridge Pear	40	15	No	5			Narrow tree with better branch angles and form than the species – brittle limbs may be a problem with ice or wet snow



DRAFT Tree List for Improved Right-of-Way (ROW)

Medium Trees
















Scientific & Common Name	Mature Height	Spread	Under Wires?	Min Strip Width	Flower Color	Fall Color	Comments
<i>Acer grandidentatum</i> 'Schmidt' Rocky Mt. Glow Maple	25	20	Yes	5	N/A		Intense red fall color - Limited availability in nursery trade
<i>Acer truncatum</i> x <i>A. platanoides</i> 'Keithsform Norwegian Sunset Maple	35	25	No	5	N/A		Reliable fall color - nice reddish orange
<i>Acer truncatum</i> x <i>A. platanoides</i> 'Warrensred' Pacific Sunset Maple	30	25	Yes	5	N/A		Limited use under higher wires
<i>Betula albosinensis</i> var <i>septentrionalis</i> Chinese Red Birch	40	35	No	5	N/A		White and pink peeling bark. Great Plant Pick
<i>Carpinus caroliniana</i> American Hornbeam	25	20	Yes	5	N/A		Outstanding fall color (variable – yellow, orange, red) – nice little tree. Great Plant Pick
<i>Cladrastis kentukea</i> Yellowwood	40	40	No	5			White flowers in spring, resembling wisteria flower – blooms profusely only every 2 to 4 years – yellow/gold fall color
<i>Cornus controversa</i> 'June Snow' Giant Dogwood	40	30	No	5			Frothy, 6-inch clusters of white flowers in June – Great Plant Pick
<i>Cornus</i> 'Eddie's White Wonder' Eddie's White Wonder Dogwood	30	20	Yes	5			A hybrid of <i>C. florida</i> and <i>C. nuttallii</i>
<i>Crataegus crus-galli</i> 'Inermis' Thornless Cockspur Hawthorne	25	30	Yes	5			Red persistent fruit
<i>Crataegus</i> x <i>lavalii</i> Lavalle Hawthorne	25	20	Yes	5			Thorns on younger trees. Great Plant Pick
<i>Davidia involucrata</i> Dove Tree	40	30	No	5		N/A	Large, unique flowers in May. Great Plant Pick
<i>Eucommia ulmoides</i> Hardy Rubber Tree	50	40	No	6	N/A	N/A	Dark green, very shiny leaves – insignificant fall color
<i>Fagus sylvatica</i> 'Rohanii' Purple Oak Leaf Beech	50	30	No	6	N/A	N/A	Attractive purple leaves with wavy margins. Great Plant Pick
<i>Halesia monticola</i> Mountain Silverbell	45	25	No	5			Attractive small white flower
<i>Halesia tetraptera</i> Carolina Silverbell	35	30	No	5			Attractive bark for seasonal interest
<i>Koelreuteria paniculata</i> Goldenrain Tree	30	30	Yes	5			Midsummer blooming – slow growing. Great Plant Pick
<i>Magnolia denudata</i> Yulan Magnolia	40	40	No	5		N/A	6" inch fragrant white flowers in spring. Great Plant Pick
<i>Magnolia grandiflora</i> 'Victoria' Victoria Evergreen Magnolia	25	20	Yes	5		N/A	Evergreen magnolia – can be damaged in years with wet, heavy snow. Great Plant Pick
<i>Magnolia kobus</i> 'Wada's Memory' Wada's Memory Magnolia	30	20	Yes	5			Does not flower well when young. Great Plant Pick



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<i>Ostrya virginiana</i> Ironwood	40	25	No	5	N/A		Hop like fruit – slow growing
<i>Phellodendron amurense</i> 'Macho' Macho Cork Tree	40	40	No	5	N/A		This variety is fruitless – fall color can be varied. High drought tolerance










Medium Trees - continued

Scientific & Common Name	Mature Height	Spread	Under Wires?	Min Strip Width	Flower Color	Fall Color	Comments
<i>Prunus cerasifera</i> 'Krauter Vesuvius' Vesuvius Flowering Plum	30	20	Yes	5		N/A	Burgundy colored leaves – tree best used as an accent rather than in mass plantings
<i>Pterostyrax hispida</i> Fragrant Epaulette Tree	40	30	No	5			Pendulous creamy white flowers – fragrant – difficult to find in the nursery trade
<i>Quercus illex</i> Holly Oak	40	30	No	5	N/A	N/A	Evergreen oak - Underside of leaf is silvery-white. Often has a prominent umbrella form
<i>Rhamnus purshiana</i> Cascara	30	20	Yes	5	N/A		Native tree – fall color depends on exposure – purplish fruit feeds many native birds
<i>Robinia x ambigua</i> Pink Idaho Locust	35	25	No	5			Fragrant flowers. Sterile variety. Drought tolerant. Some varieties will sucker profusely.
<i>Sophora japonica</i> 'Regent' Japanese Pagodatree	45	40	No	6			Has a rapid growth rate and tolerates city conditions, heat, and drought.
<i>Sorbus x hybridia</i> Oakleaf Royal Mt. Ash	30	20	Yes	5			It has leaves which are similar to English oak, and interesting bark for seasonal features.
<i>Styrax japonica</i> Japanese Snowbell	25	25	Yes	5			Reliable and easy to grow, it has plentiful, green ½" inch seeds. Flowers similar to lily in the valley. Great Plant Pick
<i>Tilia cordata</i> 'De Groot' De Groot Littleleaf Linden	30	20	Yes	5	N/A		One of the smaller stature littleleaf lindens.
<i>Tilia cordata</i> 'Chancole' Chancellor Linden	35	20	No	6	N/A		Pyramidal when young. Fragrant flowers that attract bees.
<i>Ulmus parvifolia</i> 'Emer I' Athena Classic Elm	30	35	No	5	N/A		High resistance to Dutch Elm Disease. Drought resistant. Cinnamon colored exfoliating bark for seasonal interest.



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Small Columnar Trees

Scientific & Common Name	Mature Height	Spread	Under Wires?	Min Strip Width	Flower Color	Fall Color	Comments
<i>Maackia amurensis</i> Amur Maackia	30	20	Yes	5		N/A	Interesting exfoliating bark – flowering in June or July - varies in intensity from year to year
<i>Malus</i> 'Adirondack' Adirondack Crabapple	20	10	Yes	5			Very resistant to apple scab – one of the narrowest crabapples – persistent reddish ¼” fruit. Great Plant Pick
<i>Malus</i> 'Red Barron' Red Barron Crabapple	20	10	Yes	5			Deep pink blossom and persistent red berries for seasonal interest
<i>Prunus serrulata</i> 'Amanogawa' Amanogawa Flowering Cherry	20	8	Yes	6			Pinkish flower bud, changing to white flower.
<i>Sorbus americana</i> 'Dwarfcrowm' Red Cascade Mountain Ash	20	10	Yes	5			Nice winter form - Red berries persistent in clusters



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<i>Acer buegerianum</i> Trident Maple	30	30	Yes	5	N/A		Somewhat shrub-like – must train to a single stem – interesting bark. Great Plant Pick
<i>Acer circinatum</i> Vine Maple	25	25	Yes	5	N/A		Native tree. Avoid using on harsh sites. Great Plant Pick
<i>Acer ginnala</i> 'Flame' Flame Amur Maple	25	20	Yes	5			Clusters of small cream colored flowers in spring – very fragrant. Nice fall color. Informal branch structure.
<i>Acer griseum</i> Paperbark Maple	30	20	Yes	5	N/A		Peeling cinnamon colored bark for seasonal interest. Great Plant Pick
<i>Acer palmatum</i> Japanese Maple	20	25	Yes	5	N/A		Many varieties available – select larger varieties for street planting
<i>Acer triflorum</i> Three-Flower Maple	25	20	Yes	5	N/A		Multi seasonal interest with tan, exfoliating bark and red, orange/red fall color. Great Plant Pick
<i>Amelanchier grandiflora</i> 'Princess Diana' Princess Diana Serviceberry	20	15	Yes	4			Good for narrower planting strips
<i>Amelanchier x grandiflora</i> 'Autumn Brilliance' Autumn Brilliance Serviceberry	20	15	Yes	4			Good for narrower planting strips – reliable bloom and fall color
<i>Arbutus unedo</i> 'Marina' Strawberry Tree	25	20	Yes	5		N/A	Substitute for Pacific madrone – can suffer severe damage or death due to cold weather - evergreen
<i>Carpinus japonica</i> Japanese Hornbeam	20	25	Yes	5	N/A		Wide spreading, slow growing – fall color is not outstanding. Great Plant Pick
<i>Cercis canadensis</i> Eastern Redbud	25	30	Yes	5			Deep pink flowers on bare twigs in spring
<i>Cercis siliquastrum</i> Judas Tree	25	30	Yes	5			Deep pink flowers on bare twigs in spring – drought resistant
<i>Cornus alternifolia</i> Pagoda Dogwood	25	25	Yes	5			Small white flowers in flat clusters – fall color is varied. Great Plant Pick
<i>Cornus kousa</i> 'Chinensis' Kousa Dogwood	20	20	Yes	4			Does not do well on harsh, dry sites. Great Plant Pick
<i>Cotinus obovatus</i> American Smoke Tree	25	25	Yes	4			Showy pinkish panicles of flowers in the spring – reddish purple leaves on some varieties. Great Plant Pick
<i>Lagerstroemia 'tuscatorora'</i> Tuscarora Hybrid Crape Myrtle	20	20	Yes	4			Light cinnamon brown bark lends year round interest – drought resistant – likes a warm site
<i>Magnolia</i> 'Elizabeth' Elizabeth Magnolia	30	20	Yes	5		N/A	Yellowish to cream colored flower in spring. Great Plant Pick
<i>Magnolia</i> 'Galaxy' Galaxy Magnolia	25	25	Yes	5			Showy pink flowers. Great Plant Pick



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<i>Magnolia x loebneri</i> Loebner Magnolia	20	20	Yes	5			Flower is 'star' shaped rather than tulip like – white to pinkish white in March or April. Great Plant Pick
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Small Trees, Continued

Scientific & Common Name	Mature Height	Spread	Under Wires?	Min Strip Width	Flower Color	Fall Color	Comments
<i>Malus</i> 'Golden Raindrops' Golden Raindrops Crabapple	20	20	Yes	5			Disease resistant – persistent yellow fruit in fall and winter. Great Plant Pick
<i>Malus</i> 'Donald Wyman' Donald Wyman Crabapple	25	25	Yes	5			Large white blossom – nice green foliage in summer
<i>Malus</i> 'Lancelot' ('Lanzam') Lancelot Crabapple	15	15	Yes	4			Red flower buds, blooming white – red persistent fruit
<i>Parrotia persica</i> Persian Parrotia	30	20	No	5			Blooms before it leafs out – drought tolerant - Varied fall color - reds, oranges and yellows. Great Plant Pick
<i>Prunus</i> 'Frankthrees' Mt. St. Helens Plum	20	20	Yes	5		N/A	Burgundy colored leaves – tree best used as an accent rather than in mass plantings
<i>Prunus</i> 'Newport' Newport Plum	20	20	Yes	5		N/A	Burgundy colored leaves – tree best used as an accent rather than in mass plantings
<i>Prunus</i> 'Snowgoose' Snow Goose Cherry	20	20	Yes	5			This selection sports abundant white flowers and healthy green, disease-resistant foliage
<i>Prunus x yedoensis</i> 'Akebono' Akebono Flowering Cherry	25	25	Yes	6			Has masses of large, semi-double, pink flowers – most widely planted cherry in Pacific Northwest
<i>Sorbus alnifolia</i> Korean Mountain Ash	35	30	No	5			Simple leaves and beautiful pink/red fruit. Great Plant Pick
<i>Stewartia monodelpha</i> Orange Bark Stewartia	30	20	Yes	5			Extraordinary cinnamon colored bark – avoid hot, dry sites. Great Plant Pick
<i>Stewartia psuedocamellia</i> Japanese Stewartia	25	15	Yes	5			Patchwork bark, white flower in spring. Great Plant Pick
<i>Styrax obassia</i> Fragrant Styrax	25	20	Yes	5			Smooth gray bark and fragrant white flowers. Great Plant Pick