

CITY OF YELM

STREET TREE LIST FOR CITY RIGHTS-OF-WAY

Common Name	Scientific Name	Height	Width	Shape	Minimum Planting Strip Width
Small Trees					
Trident Maple	<i>Acer buergerianum</i>	20'	20'	Rounded	6'
Rocky Mountain Glow Maple	<i>Acer grandidentatum</i>	25'	15'	Oval	6'
Mesa Glow Maple	<i>Acer grandidentatum</i> 'JFS-Numex3'	28'	18'	Upright Oveal	6'
Crimson Sentry Maple	<i>Acer platanoides</i>	25'	15'	Pyramidal	6'
Rugged Charm Tartarian Maple	<i>Acer tataricum</i> 'JFS-KW2'	28'	15'	Compact upright oval	6'
Eddie' s White Wonder Dogwood	<i>Cornus florida x nuttalli</i>	25'	20'	Pyramidal	6'
Chinese Kousa Dogwood	<i>Cornus kousa chinensis</i>	20'	20'	Vase	6'
Thornless Cockspur Hawthorn	<i>Crataegus crus-galli</i> 'Inermis'	25'	25'	Rounded	6'
Crimson Cloud Hawthorn	<i>Crataegus laevigata</i> 'Crimson Cloud'	22'	20'	Oval	6'
Lavalle Hawthorn	<i>Crataegus x lavalleyi</i>	26'	20'	Vase	6'
Toba Hawthorn	<i>Crataegus x mordenensis</i> 'Toba'	20'	20'	Upright rounded	6'
Washington Hawthorn	<i>Crataegus phaenopyrum</i>	25'	20'	Oval	6'
Golden Raindrops Crabapple	<i>Malus transitoria</i> 'Schmidtcutleaf'	20'	15'	Vase	4'
Sentinel Crabapple	<i>Malus baccata</i> 'Sentinel'	20'	12'	Upright	6'

Common Name	Scientific Name	Height	Width	Shape	Minimum Planting Strip Width
Small Trees (continued)					
Red Cascade Mountain Ash	<i>Sorbus tianshanica</i> 'Dwarfcrowne'	20'	10'	Upright/oval	6'
City Sprite Zelkova	<i>Zelkova serrata</i> 'JFS-KWI'	24'	18'	Compact oval to vase	6'
Accent Trees - Small					
Fireburst Paperbark Maple	<i>Acer griseum</i> 'JFSKW8AGRI'	25'	18'	Round	6'
Twombly's Red Sentinel Japanese Maple	<i>Acer palmatum</i> 'Twombly's Red Sentinel'	18'	9'	Upright narrow	6'
Korean Maple	<i>Acer pseudosieboldianum</i>	22'	18'	Upright to upright spreading	6'
Aurora Dogwood	<i>Cornus</i> x 'Rutban'	24'	20'	Upright spreading	6'
Adirondack Crabapple	<i>Malus</i> 'Adirondack'	18'	10'	Densely upright	6'
Ivory Spear Crabapple	<i>Malus</i> 'JFS KW214MX'	18'	7'	Narrow, tightly columnar	6'
Japanese Snowbell	<i>Styrax japonicus</i>	25'	25'	Round	6'
Ivory Silk Japanese Tree Lilac	<i>Syringia reticulata</i> 'Ivory silk'	20'	15'	Upright spreading	6'
Medium Trees					
Queen Elizabeth Maple	<i>Acer campestre</i> 'Evelyn'	35'	30'	Oval	6'
Norwegian Sunset Maple	<i>Acer truncatum</i> x <i>A. platanoides</i> 'Keithsform'	35'	25'	Oval	6'
Pacific Sunset Maple	<i>Acer truncatum</i> x <i>A. platanoides</i> 'Warrenred'	30'	25'	Rounded	6'

Common Name	Scientific Name	Height	Width	Shape	Minimum Planting Strip Width
Medium Trees (continued)					
Pyramidal European Hornbeam	<i>Carpinus betulus</i> 'Fastigiata'	35'	25'	Oval	4'
Palisade American Hornbeam	<i>Carpinus caroliniana</i> 'CCSQU'	30'	15'	Upright narrow oval	6'
Rising Fire American Hornbeam	<i>Carpinus caroliniana</i> 'Uxbridge'	30'	15'	Upright narrow	6'
Mercury Magnolia	<i>Magnolia</i> 'NCMX1'	30'	15'	Upright pyramidal	6'
Tschonoskii Crabapple	<i>Malus transitoria</i> 'Tschonoskii'	30'	14'	Pyramidal	6'
American Hophornbeam	<i>Ostrya virginiana</i>	40'	25'	Upright oval	6'
Ruby Vase Parrotia	<i>Parrotia persica</i> 'Inge's Ruby Vase'	28'	16'	Upright narrow vase	6'
Persian Spire Parrotia	<i>Parrotia persica</i> 'JL Columnar'	25'	10'	Columnar to upright oval	6'
Crimson Spire Oak	<i>Quercus alba x robur</i> 'Crimschmidt'	45'	15'	Columnar fastigiate	6'
Skyrocket Oak	<i>Quercus robur</i> 'Fastigiata'	45'	15'	Columnar	6'
Sterling Silver Linden	<i>Tilia tomentosa</i> 'Sterling'	45'	3'	Pyramidal	8'
Accent Trees - Medium					
Large Trees					
Emerald Avenue Hornbeam	<i>Carpinus betulus</i> 'JFS-KW1CB'	40'	28'	Broadly pyramidal to ovate	6'
European Beech	<i>Fagus sylvatica</i>	50'	35'	pyramidal	6' - 8'
Autumn Gold Ginkgo	<i>Ginkgo biloba</i> 'Autumn Gold'	45'	35'	pyramidal	6'
Street Keeper Honey Locust	<i>Gleditsia tricanthos</i> 'Draves'	45'	20'	Narrow upright	8'

Common Name	Scientific Name	Height	Width	Shape	Minimum Planting Strip Width
Large Trees (continued)					
Shade Master Honey Locust	<i>Gleditsia triacanthos</i> 'Shade Master'	45'	35'	Vase	8'
Firestarter Tupelo	<i>Nyssa sylvatica</i> 'JFS-red'	35'	18'	Narrow oval	6'
Scarlet Oak	<i>Quercus coccinea</i>	50'	40'	Oval	6' - 8'
Forest Green Oak	<i>Quercus frainetto</i> 'Schmidt'	50'	30'	Oval	6' - 8'
Bur Oak	<i>Quercus macrocarpa</i>	55'	45'	Oval	6' - 8'
Red Oak	<i>Quercus rubra</i>	50'	45'	Round	6' - 8'
English Oak	<i>Quercus robur</i>	50'	40'	Round	6' - 8'
Frontier Elm	<i>Ulmus parvifolia x carpinifolia</i> 'Frontier'	45'	30'	Oval	6'
Emerald Sunshine Elm	<i>Ulmus propinqua</i> 'JFS-Bieberich'	35'	25'	Vase	6'
Accent Trees - Large					
Emerald Avenue Hornbeam	<i>Carpinus betulus</i> 'JFS-KW1CB'	40'	28'	Broadly pyramidal	6' - 8'
Tuliptree	<i>Liriodendron tulipifera</i>	60'	30'	Oval	6' - 8'
Black Tupelo	<i>Nyssa sylvatica</i>	50'	30'	Pyramidal	6 - 8'
Pedestrian Oriented Streets - except for Management Phase Areas (below)					
Queen Elizabeth Maple	<i>Acer campestre</i> 'Evelyn'	35'	30'	Oval	6'
Streetside Maple	<i>Acer campestre</i> 'JFS Shichtel2'	35'	18'	Columnar	6'
Pyramidal European Hornbeam	<i>Carpinus betulus</i> 'Fastigiata'	35'	25'	Oval	6'
Firestarter Tupelo	<i>Nyssa sylvatica</i> 'JFS-red'	35'	18'	Narrow oval	6'
Tschonoskii Crabapple	<i>Malus transitoria</i> 'Tschonoskii'	30'	14'	Pyramidal	6'

Common Name	Scientific Name	Height	Width	Shape	Minimum Planting Strip Width
Skyrocket Oak	<i>Quercus robur</i> 'Fastigiata'	45'	15'	Columnar	6'
Red Cascade Mountain Ash	<i>Sorbus tianshanica</i> 'Dwarfscrown'	20'	10'	Upright/oval	6'

Accent Trees for Pedestrian Oriented Streets - except for Management Phase Areas - Table 1.

Mercury Magnolia	<i>Magnolia</i> 'NCMX1'	30'	15'	Upright pyramidal	6'
Persian Spire Parrotia	<i>Parrotia persica</i> 'JLColumnar'	25'	10'	Columnar to upright oval	6'
Ivory Silk Japanese Tree Lilac	<i>Syringia reticulata</i> 'Ivory silk'	20'	15'	Upright spreading	6'

Street Tree Requirements for Management Phase Areas I, II, III, IV and IV - see Table 1 attached

Y-1, 93rd Ave./Thurston Highlands Connector

Mesa Glow Maple	<i>Acer grandidentatum</i> 'JFS-NuMex3'	28'	18'	Upright oval	6'
Fireburst Paperbark Maple	<i>Acer griseum</i> 'JFSKW BAGRI'	25'	18'	Upright oval	6'
American Hornbeam	<i>Ostrya virginiana</i>	40'	25'	Upright oval	6'
English Oak	<i>Quercus robur</i>	50'	40'	Round	6' - 8'
Emerald Sunshine Elm	<i>Ulmus propinqua</i> 'JFS-Bieberich'	35'	25'	Vase	6'

Accent Trees - Y-1, 93rd Ave./Thurston Highlands Connector

Golden Raindrops Crabapple	<i>Malus transitoria</i> 'Schmidcutleaf'	20'	15'	Vase	4'
Ivory Spear Crabapple	<i>Malus</i> 'JFS KW214MX'	18'	7'	Narrow tightly columnar	6'
Red Cascade Mountain Ash	<i>Sorbus tianshanica</i> 'Dwarfscrown'	20'	10'	Upright/oval	6'

Common Name	Scientific Name	Height	Width	Shape	Minimum Planting Strip Width
Y-3 Canal Road North Loop					
Green Mt. Sugar Maple	<i>Acer saccharum</i>	45'	35'	Oval	6'
Tartarian Maple	<i>Acer tataricum</i>	25'	20'	Oval	6'
Pacific Sunset Maple	<i>Acer truncatum x A. platanoides</i>	30'	25'	Round	6'
Red Oak	<i>Quercus rubra</i>	50'	45'	Round	6' - 8'
Accent Tree - Y-3 Canal Road North Loop					
Red Cascade Mountain Ash	<i>Sorbus tianshanica</i> 'Dwarf-crown'	20'	10'	upright/ oval	6'
Y-4 Coates-Stevens-103rd Connector - Edwards Street Improvements					
Palisade American Hornbeam	<i>Carpinus caroliniana</i> 'CCSQU'	30'	15'	Upright narrow oval	6'
Fastigate Beech	<i>Fagus sylvatica</i> 'Fastigiata'	45'	15'	Columnar fastigiata	6'
Green Gable Tupelo	<i>Nyssa sylvatica</i> 'NSUHH'	40'	25'	Pyramidal	6-8'
Shade Master Honey Locust	<i>Gleditsia triacanthos</i> 'Shade Master'	45'	35'	Vase	8'
Adirondack Crabapple	<i>Malus</i> 'Adirondack'	18'	10'	Densely upright	6'
Accent Trees - Y-4 Coates-Stevens-103rd Connector - Edwards Street Improvements					
Eddie's White Wonder Dogwood	<i>Cornus florida x nuttalli</i>	25'	20'	Pyramidal	6'
Twombly's Red Sentinel Japanese Maple	<i>Acer palmatum</i> 'Twombly's Red Sentinel'	18'	9'	Upright narrow	6'

Common Name	Scientific Name	Height	Width	Shape	Minimum Planting Strip Width
Y-7 SW Access					
Korean Maple	<i>Acer pseudosieboldianum</i>	22'	18'	Upright to upright spreading	6'
Rising Fire American Hornbeam	<i>Carpinus caroliniana</i> 'U x bridge'	30'	15'	Upright narrow	6'
Autumn Gold Ginkgo	<i>Ginkgo biloba</i> >Autumn Gold=	45'	35'	Pyramidal	6'
Mercury Magnolia	<i>Magnolia</i> "NCMx1'	30'	15'	Upright pyramidal	6'
Japanese Snowbell	<i>Styrax japonicus</i>	25'	25'	Round	6'
Accent Tree - Y-7 SW Access					
Ruby Vase Parrotia	<i>Parrotia persica</i> 'Inge's Ruby Vase'	30'	30'	Round	6'
Y-8 Mossman Street Improvements					
Urban Pinnacle Oak	<i>Quercus macrocarpa</i> 'JFS-KW3'	55'	25'	Narrow to oval	8'
Accent Tree - Y-8 Mossman Street Improvements					
Ivory Silk Japanese Tree Lilac	<i>Syringia reticulata</i> 'Ivory Silk'	20'	15'	Upright spreading	6'

**TABLE I. Management Areas I - V
Required Street Trees**

Common Name	Scientific Name	Height	Width	Shape	Minimum Planting Strip Width
Management Area I - Soleberg Street SE to Railroad Street SE					
Crimson Cloud Hawthorn (10 trees)	<i>Crataegus laevigata</i> 'Crimson Cloud'	22'	20'	Oval	6'
Management Area II - Railroad Street SE to First Street					
Raspberry Spire Crabapple	<i>Malus</i> 'JFS KW 213 MX'	20'	8'	Narrow upright	6'
Management Area II - First Street to Second St.					
Pyramidal European Hornbeam (2 trees)	<i>Carpinus betulus</i> 'Fastigiata'	35'	25'	Oval	4'
Management Area II - Second Street & Third Avenue Intersection					
Ivory Silk Japanese Tree Lilac (4 trees)	<i>Syringia reticulata</i> 'Ivory silk'	20'	15'	Upright, spreading	6'
Management Area II - Second Street & Third Avenue					
Thornless Cockspur Hawthorn (6 trees)	<i>Crataegus crus-galli</i> 'Inermis'	25'	25'	Round	6'
Management Area III - Third Avenue to Fourth Avenue					
Aurora Dogwood (5 trees)	<i>Cornus</i> x 'Rutban'	24'	20'	Upright spreading	6'
Management Area III - Fourth Avenue to Clark Road SE					
Lavalle Hawthorn (8 trees)	<i>Crataegus x lavallei</i>	26'	20'	Vase	6'
Management Area III - Fourth Avenue/Yelm Avenue and Clark Road/Yelm Avenue Intersections					
Japanese Snowbell (2 trees)	<i>Styrax japonicus</i>	25'	25'	Round	6'

Common Name	Scientific Name	Height	Width	Shape	Minimum Planting Strip Width
Management Area IV - NW Killion Road to NW Cullens Road					
Aurora Dogwood (24 trees)	<i>Cornus</i> x 'Rutban'	24'	20'	Upright spreading	6'
Raspberry Spear Crabapple	<i>Malus</i> 'JFS KW 213MX'	20'	18'	Narrow columnar	6'
Management Area IV - NE Cullens Road to Soleberg Street SE					
Trident Maple (30 trees)	<i>Acer bueryerianum</i>	20'	20'	Rounded	6'
Thornless Cockspur Hawthorn (34 trees)	<i>Crataegus crus-galli</i> 'Inermis'	25'	25'	Round	6'
Management Area V - East Gateway (Morris Road SE & SR 507 intersection)					
Lavalle Hawthorn (2 trees)	<i>Crataegus x lavallei</i>	26'	20'	Vase	6'
Rising Fire American Hornbeam	<i>Carpinus caroliniana</i>	30'	15'	Upright narrow	6'
Management Area V - Southern Gateway (SR507 & Mossman Street Intersection)					
Lavalle Hawthorn (2 trees)	<i>Crataegus x lavallei</i>	26'	20'	Vase	6'
Twombly's Red Sentinel Japanese Maple	<i>Acer palmatum</i> 'Twombly's Red Sentinel'	18'	9'	Upright narrow	6'