



Klamath Falls, Oregon

Street Tree Plan





STREET TREE PLAN

City of Klamath Falls, Oregon
Parks Division
Public Works Department

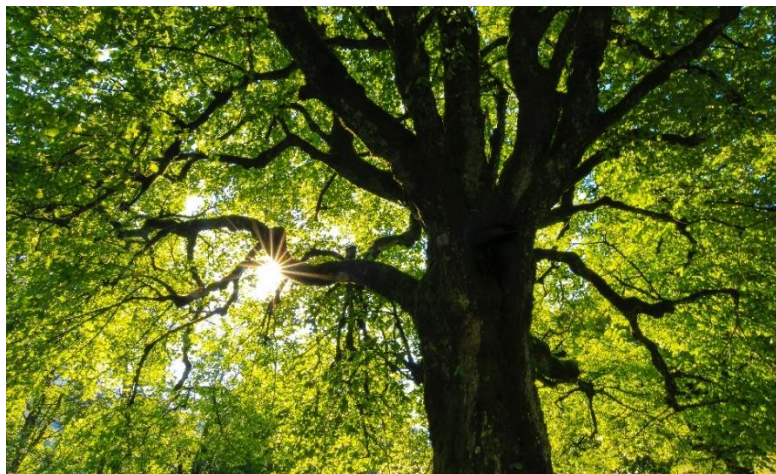
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Importance of Trees in the Urban Environment

Air Quality and Habitat

In urban areas with a high concentration of trees, overall air quality is significantly clearer than areas without street trees. Trees can filter air, provide wind protection, and create habitat for birds and small mammals.

Mitigating the Urban Heat Island Effect

An urban heat island is created when densely developed areas have a lot of asphalt and cement which reflects the sun's rays back into the atmosphere, heating the surrounding area by as much as ten degrees Fahrenheit! Street trees not only absorb the sun's rays, but they also provide shade which cools down nearby asphalt and cement, lowering the surrounding temperature.

Improve Livability

Community livability is greatly improved when street trees are incorporated into traffic calming techniques. Street trees provide a barrier between pedestrians and vehicles, and effectively slow the flow of traffic by creating an enclosed area that signals motorists to slow down and check their surroundings.

Enhance Downtown Environment

Trees and landscaping also provide several benefits to pedestrians that can increase foot traffic and business in the downtown. Street trees have been proven to attract customers to adjacent businesses with their natural aesthetics and temperature moderation.

Water Quality

Trees play an important role in reducing man-made pollutants from the environment. Ground water is cleaned, and storm water runoff is significantly reduced by uptake into the trees and release of moisture through transpiration. Trees intercept rain and snow, channeling moisture into surrounding soils that clean and reintroduce water into the ground.



Downtown Street Trees



The City of Klamath Falls oversees the maintenance of over five hundred street trees in the Downtown area. These trees benefit the urban area in the following ways:

- Extending the life of the nearby streets and sidewalks
- Increasing traffic and pedestrian safety by reducing vehicle speed
- Improving economic sustainability
- Increasing property values
- Conserving energy and reducing energy costs





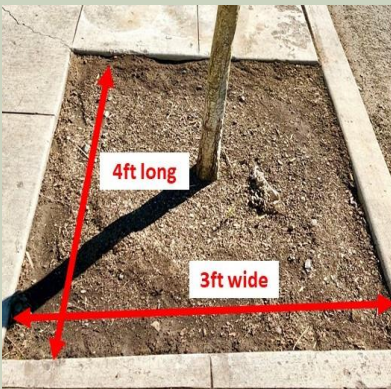
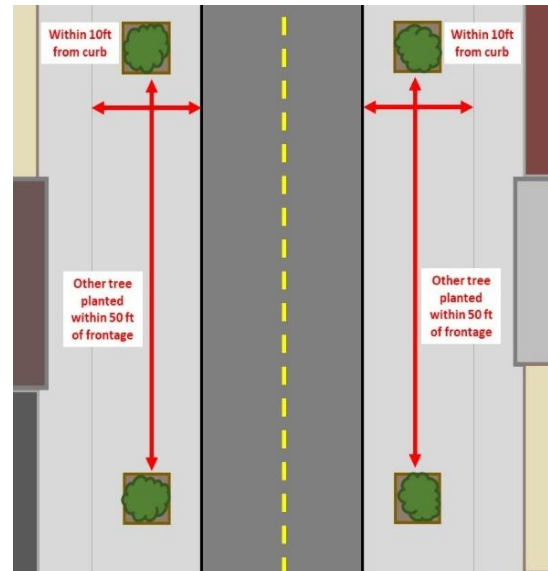
Development Design Standards

The City of Klamath Falls has standards for design that help street trees be as beautiful and effective as possible.

General Requirements

Especially in the Downtown Business Zone, street trees should be planted within ten feet from the curbs on both sides of all streets, except alleys and within vision clearance areas (see the section on intersections and sight triangles.)

A minimum of one tree should be planted for every fifty feet of store frontage along each street and should be spaced as evenly as practicable. If tree spacing is impracticable, or if a street tree is too close to other trees and prevents the other trees from growing, then, with approval, city code permits tree removal.



A minimum 4' x 3' tree well area shall be provided for all trees planted within sidewalks, parking lots, and other asphalt or concrete paved surfaces.

Limbs of trees may be allowed to project over the sidewalk area at an elevation of at least 7 feet above the sidewalk level, and over the street area at an elevation of not less than 13 feet (or 14 feet above the street level for one-way, arterials and collector streets.)

City of Klamath Falls Community Development Ordinance Section 14.405

City of Klamath Falls City Code Section 3.735 Maintenance (3)

City of Klamath Falls Community Development Ordinance, Section 14.407 Minimum Tree Well Dimensions



Distance from Fire Hydrant

Trees should be planted to allow for a minimum of fifteen feet between the trunk of the tree and any fire hydrant.

Planting Strips and Trees in the Median

Trees should be centered in the planting strip when the distance from curb to sidewalk is less than six feet. If no sidewalk exists or the sidewalk and curb are attached, then the tree planting should be no closer than three feet from the street edge or the back of the sidewalk.

Trees within the median of a public right of way must be planted in the center of the planting strip. The planting strip usually needs between three and six feet of dirt for the trees and other surrounding plants to grow.



Distance from Alley or Driveway

Trees should be planted to allow for a minimum of ten feet between the trunk of the tree and any alley or driveway.

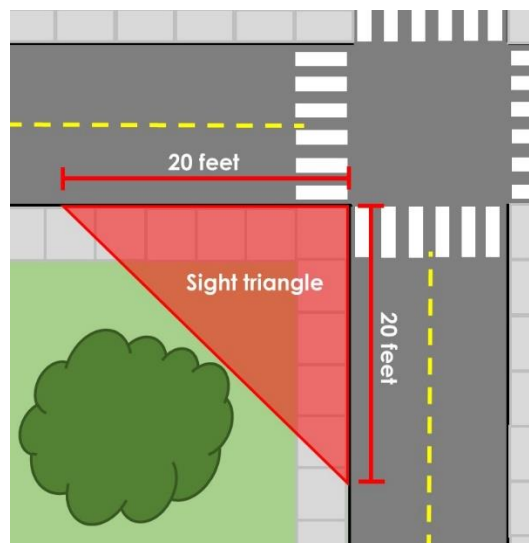
Distance from Crosswalks

Trees should be planted no closer than six feet to a cross-walkway, except when the tree is one that has a mature height of less than thirty-five feet. In the case of such small trees, they may be planted no less than four feet from a cross-walkway.

Intersections and Sight Triangles

At an intersection, a sight triangle is formed by the two roads or rights-of-way and a third line, which must be kept clear of obstructions such as hedges so that people in one road can see cars approaching on the other.

At the intersection of roadways or vehicular access points, no plant material with a mature height greater than 30 inches shall be planted within a sight triangle measuring 20 feet along the boundary of each of the intersecting roadways, measured from the point of intersecting curb lines. Existing trees within this area should be trimmed up to at least eight feet to allow a direct line of vision for cars and trucks.



Distance to Stop Signs and Traffic Signals

Thirty to fifty feet should be allowed for a clear line of site for stop signs and traffic signals.



Acceptable Practices

Planting Standards

Planting and establishing trees are usually about managing air and moisture in the soil. Three of the most common causes of poor plant establishment or tree death are planting too deep, under watering, and over watering. If appropriate trees are planted at the right depth and they are irrigated properly, the planting has a good chance of success.

Ten Steps to Proper Tree Planting

1. Look up for wires and lights
2. Dig a shallow and wide hole
3. Find the topmost root and treat for defects
4. Carefully place tree in hole
5. Position top root 1-2 inches above soil
6. Straighten tree
7. Remove synthetic materials
8. Add and firm backfill soil
9. Add mulch up to, but not touching, the trunk
10. Stake and prune if needed

Maintenance Standards

Establishment Period

The establishment period is the time necessary for a tree to regenerate enough roots to stay alive without irrigation. During this period, shoots and trunk grow slower than before transplanting. When their growth rates become fairly consistent from one year to the next, the tree is considered established.

Steps to Encourage Growth During Tree Establishment

- Root flare slightly above soil surface
- Irrigate frequently
- Mulch at least 4 ft diameter from trunk
- Maintain loose soil by avoiding compaction near roots

Protection

To guarantee the longevity and aesthetic benefits of street trees in Klamath Falls, the city has implemented the following laws and guidelines:

- Any person who can be contracted to trim or prune trees must have a business license to do so.
- Street trees must not have any rope, wire, or chains attached unless they are for holiday lights or tree support or protection.
- If a building is to be renovated, altered, repaired, or removed, the building owner must provide sufficient guard or protector to nearby trees. Destroying, abusing, mutilating, or significantly altering any street tree, shrub, or bush is illegal.
- Tree *topping* of City Street Trees is against City Code in Klamath Falls. City Code defines *topping* as “the cutting of the branches and/or trunk of a tree in a manner which will substantially reduce the overall size of the tree’s crown (more than 20% in a calendar year) to destroy the existing symmetrical appearance or natural shape of the tree and disfigure the tree.”

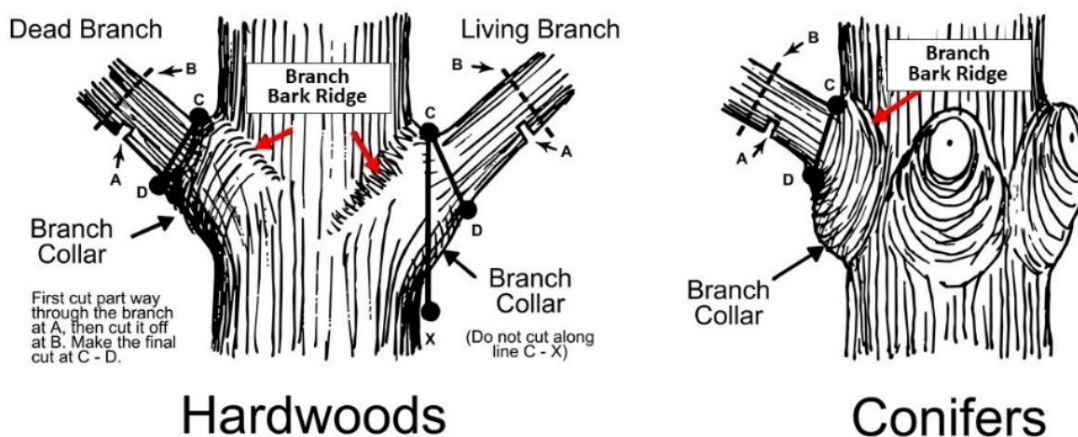


City of Klamath Falls City Code, Sections 3.740 Protection of Trees, And 7.005 to 7.100 Business License Act.



Pruning

Proper Pruning Principles



The Arbor Day Foundation's Guideline for Branch Pruning
<https://www.arborday.org/media/illustrations.cfm>

The City of Klamath Falls requires a permit from the City Planning Department to prune a street tree. Proper pruning technique is important for a healthy tree. As a general principle, when pruning either dead or living branches, trees need to keep the whole branch bark ridge to guarantee a healthy disposition.

Arborists adhering to the American National Standards Institute A300 pruning standard will avoid the following at all costs:

- making heading cuts
- leaving branch stubs
- top or lion's tail trees (stripping a branch from the inside leaving foliage just at the ends)
- removing more than 25 percent of the foliage of a single branch
- removing more than 25 percent of the total tree foliage in a single year
- damaging other parts of the tree during pruning
- use wound paint
- pruning without a good reason
- climbing the tree with climbing spikes

The City of Klamath Falls has important guidelines to guarantee the healthy state of all street trees and requires an application for a permit submitted to the City Planning Department before doing any planned pruning. If any pruning involves obstruction of right of way, then the City also requires an obstruction of right of way permit which the City offers free of charge.

City of Klamath Falls City Code, Sections 3.730 Street Tree Trimming Permit Requirements and Conditions



Removal Standards

Removing a tree can be an arduous and dangerous task. Tree removal should never be performed by an unpermitted individual who has little to no experience in tree removal. If a property owner is careless in removing trees, particularly large trees, then they run the risk of severe personal injury and significant property damage.



The City of Klamath Falls requires a permit from the City Planning Department to remove a tree. If a permit is granted to remove a tree, it may require that the permittee replace the tree with a recommended tree from the Tree Selection Guide. Removing a tree is possible if it falls under at least one of the following conditions:

- The tree is dangerous, and the area will become safe upon the tree's removal
- The tree is dead or dying, and its condition cannot be reversed
- The tree is diseased and poses a threat to other trees unless removed
- The tree is causing damage that cannot be corrected through standard maintenance
- The tree is too large to allow street trees growing on either side to prosper
- The tree is located under a power line and would have to be severely disfigured to meet power line clearances
- The tree is one of the following species: willow, Siberian Elm, Black Locust, fruit- or nut-bearing, or Box Elder

Tree Stumps

Removing tree stumps does not require a permit and can be performed by anyone. If necessary, tree stumps can be ground down with a stump grinder.

While removing a tree stump can be difficult depending on the size of the stump, most stumps can be removed without heavy equipment by digging around the stump and exposing the lower roots, cutting the roots, pulling out the stump, and filling the hole with soil. Regardless of the method of removal, City Code requires that the stump be removed to a depth of at least six inches below the surface of the ground.

Note: Be sure to check the site for underground utilities before proceeding with stump removal.

City of Klamath Falls City Code, Sections 3.745 Permit to Remove Trees, And 3.755 Stumps



Approved Tree List

Trees from the following species lists shall be chosen to fulfill street tree planting requirements. Other trees may be substituted only upon approval by the City Forester.

Small trees

Small stature trees, maturing typically at twenty-five feet (25') in height and less than twenty (20') wide, may be planted at any interval of twenty (20') apart or greater (unless otherwise specified by City Forester). Most are suitable for planting under overhead power lines. Planting strips need to be a minimum of four feet (4') wide. If considered for downtown sidewalk tree wells, open surface area must be a minimum of three feet by four feet (3' x 4').

Small Trees			
Species Name	Common Name	H x W	Details
<i>Acer circinatum</i>	Vine Maple	15' x 10'	Short, Bushy in Dry Sites
<i>Acer buegeranum</i>	Trident Maple	20' x 20'	Showy, Multicolor Bark
<i>Acer griseum</i>	Paperbark Maple	25' x 20'	Upright Spreading Crown
<i>Acer glabrum</i>	Rocky Mountain Maple	25' x 15'	Moderately Fast Growing
<i>Acer negundo 'Variegatum'</i>	Variegated Box Elder	25' x 20'	White/Green Foliage
<i>Acer palmatum (varieties)</i>	Japanese Maple	20' x 20'	Prefers Some Shade
<i>Acer plat. 'Crimson Sentry'</i>	Crimson Sentry Maple	25' x 15'	Sensitive to Powdery Mildew
<i>Acer tataricum</i>	Tatarian Maple	25' x 20'	Gray Brown Bark
<i>Amelanchier 'Aut. Brilliance'</i>	Autumn Brilliance Serviceberry	20' x 15'	Tree Form Only
<i>Amelanchier laevis 'JFS-Arb'</i>	Spring flurry Serviceberry	28' x 20'	Not Suitable for Tree Wells
<i>Cercis canadensis</i>	Eastern Redbud	25' x 25'	Tree Form Only
<i>Cercis reniformis "Oklahoma"</i>	Oklahoma Redbud	25' x 25'	Tree Form Only
<i>X Chitalpa tashkentensis</i>	Chitalpa	25' x 25'	Fast Growing Medium Texture
<i>Cornus 'Rutban' or varieties</i>	Aurora Dogwood + varieties	18' x 14'	Stratified Branch Structure
<i>Cornus florida rubra</i>	Pink Flowering Dogwood	20' x 20'	Prefers Shade
<i>Crataegus lav. 'Crim. Cloud'</i>	Crimson Cloud Hawthorne	25' x 18'	New Growth Zig Zags
<i>Crataegus x lavellei</i>	Lavelle Hawthorne	28' x 20'	Dark Brown Flaking Bark
<i>Crataegus phaenopyrum</i>	Washington Hawthorne	25' x 20'	Spreading, Multi Stem
<i>Fraxinus excelsior 'Aureaefolia'</i>	Golden Desert Ash	20' x 18'	Golden Yellow in Fall
<i>Maackia amurensis</i>	Amur Maackia	25' x 20'	Fine Textured, Slow Grow
<i>Malus ioensis 'Klehms Bechtel'</i>	Klehm's Bechtel Crabapple	20' x 18'	Remains Fruitless
<i>Malus 'Spring Snow'</i>	Spring Snow Crabapple	25' x 22'	Remains Fruitless
<i>Magnolia 'Galaxy'</i>	Galaxy Magnolia	20' x 15'	Flowers Are Showy
<i>Oxydendrum arboreum</i>	Sourwood	20' x 15'	Good Fall Color
<i>Parrotia persica</i>	Persian Parrotia	20' x 15'	Low Branch, Multi Stem
<i>Prunus 'Berry'</i>	Cascade Snow Cherry	25' x 20'	Works in Heavy Clay Soil
<i>Prunus 'Dream Catcher'</i>	Dream Catcher Cherry	25' x 15'	Narrow with Flaring Tips
<i>Prunus 'Okame'</i>	Okame Cherry	25' x 20'	20-Year Performance
<i>Prunus sargentii 'JFS-KW58'</i>	Pink Flair Cherry	25' x 15'	Flowers Large, Bright Pink
<i>Prunus serr. 'Royal Burgundy'</i>	Royal Burgundy Cherry	20' x 15'	Foliage Purple All Season
<i>Prunus virginia. 'Canada Red'</i>	Canada Red Chokecherry	25' x 20'	Remains Fruitless
<i>Prunus cerasif. 'Krauter Ves.'</i>	Krauter Vesuvius Plum	20' x 15'	Fruit Possible; Approval
<i>Styrax japonica</i>	Japanese Snowbell	25' x 20'	Likes Some Shade, Shelter
<i>Syringa pekinensis 'DTR 124'</i>	Summer Charm Tree Lilac	20' x 15'	Tight and Compact Form
<i>Syringa reticulata 'Ivory Silk'</i>	Ivory Silk Tree Lilac	20' x 15'	Inverted Cone



Columnar Trees

Columnar trees typically mature to under forty feet (40') in height, less than fifteen feet (15') wide; may be planted at any interval of twenty feet (20') apart or greater (unless otherwise specified by City Forester). Most are suitable for narrow planting areas typically found in downtown business districts and parking lots. Not recommended beneath overhead power lines unless mature height can be maintained with minimal reduction pruning. Planting strips to be a minimum of four feet (4') wide. If considered for downtown and sidewalk tree wells, open surface area to be a minimum of three feet by four feet (3' x 4').

Columnar Trees			
Species Name	Common Name	H x W	Details
<i>Acer platanoides</i> 'Columnar'	Columnar Norway Maple	35' x 15'	Vertical, Slower Growing
<i>Acer rubrum</i> 'Armstrong'	Armstrong Maple	45' x 15'	Industrial Strength/Fast Growing
<i>Acer rubrum</i> 'Bowhall'	Bowhall Maple	40' x 15'	Best in Moist Acid Soil
<i>Acer saccharum</i> "Barett. Cole"	Apollo Maple	25' x 10'	Branches Radiate Outwards
<i>Carpinus betulus</i> 'Frans Fontaine'	Frans Fontaine Hornbeam	35' x 15'	Widens with Age
<i>Fagus sylvatica</i> 'Dawyck Purple'	Dawyck Purple Beech	40' x 12'	Smooth, Pale Gray Bark
<i>Fagus sylvatica</i> 'Fastigiata'	Fastigate Beech	45' x 15'	Thrives in Rich Moist Soil
<i>Fraxinus pennsylvatica</i> 'Rugby'	Prairie Spire Ash	45' x 20'	Yellow Fall Color
<i>Liriodendron tulip.</i> 'Fastigiatum'	Columnar Tulip Tree	50' x 15'	Fast Growing Staying Columnar
<i>Magnolia</i> 'Galaxy'	Galaxy Magnolia	30' x 15'	Flowers Are Showy
<i>Prunus sargentii</i> 'Columnar'	Columnar Sargent Cherry	35' x 15'	Light Pink Flowers
<i>Prunus sargentii</i> 'JFS-KW58'	Pink Flair Cherry	25' x 15'	Flowers Large, Bright Pink
<i>Prunus x hilleri</i> 'Spire'	Spire Cherry	30' x 10'	Narrow Vase Shape
<i>Pyrus calleryana</i> 'Cambridge'	Cambridge Pear	40' x 15'	Smooth Bark, Orange Fall Color
<i>Pyrus calleryana</i> 'Capitol'	Capitol Pear	35' x 12'	Fire Blight Susceptible
<i>Pyrus calleryana</i> 'Glen's Form'	Chanticleer Pear	40' x 15'	Tolerant of Urban Conditions
<i>Quercus</i> "Crimschmidt"	Crimson Spire Oak	45' x 15'	Green Foliage, Blueish Tint
<i>Quercus</i> 'Long'	Regal Prince Oak	45' x 18'	Lofty Tree
<i>Quercus robur</i> 'Fastigiata'	Skyrocket Oak	45' x 15'	Gray Bark Darkens with Age
<i>Sorbus americana</i> 'Dwarfscrown'	Red Cascade Mountain Ash	18' x 8'	Holds Shape with Fruit Load
<i>Sorbus aucuparia</i> 'Black Hawk'	Black Hawk Mountain Ash	28' x 18'	Foliage Almost Blue Green
<i>Sorbus aucuparia</i> 'Michred'	Cardinal Royal Mountain Ash	35' x 20'	Widens with Age
<i>Sorbus aucuparia</i> 'Rossica'	Rossica Mountain Ash	30' x 18'	Cold Hardiness Zone 3
<i>Tilia cordata</i> 'Corzam'	Corinthian Linden	45' x 15'	Narrow Pyramidal Shape
Wider Spaces:			
<i>Acer platanoides</i> 'Ezestre'	Easy Street Maple	40' x 20'	Pyramidal to Narrow Oval
<i>Acer plat.</i> 'Columnarbroad'	Parkway Maple	40' x 25'	Slower Growing
<i>Acer rubrum</i> 'Karpick'	Karpick Maple	40' x 20'	Compact
<i>Acer rubrum</i> 'Scarsen'	Scarlet Sentinel Maple	40' x 20'	Fall Color Variable
<i>Carpinus betula</i> 'Fastigiata'	Pyramidal European Hornbeam	35' x 25'	Commercial Setting, Slower Growth
<i>Quercus robur</i> x 'Asjes'	Rosehill Oak	40' x 20'	Broadens with Age
<i>Tilia cordata</i> 'Chancole'	Chancellor Linden	35' x 20'	Adaptable and Tolerant



Medium Trees

Medium size trees, typically maturing to twenty-five feet (25') to forty feet (40') tall, twenty feet (20') to thirty-five feet (35') wide; may be spaced at any interval thirty feet (30') apart or greater (unless otherwise specified by City Forester). Planting strips to be a minimum of six feet (6') wide. Most will not be suitable for planting beneath overhead power lines.

Medium Trees			
Species Name	Common Name	H x W	Details
<i>Acer negundo</i> 'Sensation'	Sensation Box Elder	30' x 20'	Small Size, Strong Structure
<i>Acer plat.</i> 'Princeton Gold'	Princeton Gold Maple	35' x 30'	Bright Yellow Foliage
<i>Acer plant.</i> 'Drummondii'	Silver Variegated Maple	35' x 25'	Broadly Oval
<i>Acer</i> 'Keithsform'	Norwegian Sunset Maple	35' x 25'	Cold Hardy Zone 5
<i>Acer</i> 'Warrenred'	Pacific Sunset Maple	30' x 25'	Heat and Drought Tolerant
<i>Betula nigra</i>	River Birch	40' x 35'	Resistant to Birch Borer
<i>Betula nigra</i> 'Cully Improved'	Heritage Improved Birch	40' x 30'	Thrives in Problem Soils
<i>Betula nigra</i> 'BNMTF'	Dura Heat Birch	40' x 30'	Leaves Are Very Dark Green
<i>Bet. populifolia</i> 'Whitespire'	Whitespire Birch	40' x 25'	Bark Is Grayish White
<i>Carpinus betulus</i> 'Fastigiata'	Pyramidal European Hornbeam	35' x 25'	Distinctly Egg Shaped
<i>Celtis occidentalis</i>	Hackberry	40' x 30'	Smooth Gray Bark
<i>Cercidiphyllum japonicum</i>	Katsura	20' x 20'	Some Grow Larger
<i>Cladrastis kentukea</i>	Yellowwood	30' x 40'	Sharp Branch Angles
<i>Fagus syl.</i> 'Roseo-margin.'	Tricolor Beech	30' x 20'	Leaves Are Pink Purple
<i>Fraxinus oxy.</i> 'Raywood'	Raywood Ash	45' x 30'	Well Suited for Lawn Use
<i>Fraxinus americ.</i> 'Aut. Applause'	Autumn Applause Ash	40' x 25'	Smaller Dark Purple Leaves
<i>Fraxinus americ.</i> 'Aut. Purple'	Autumn Purple Ash	45' x 40'	Fast Growing Broadly Oval
<i>Fraxinus pennsylv.</i> 'Summit'	Summit Ash	45' x 20'	Bright Yellow Fall Color
<i>Ginkgo biloba</i> varieties	Ginkgo	50' x 30'	Seedless Males Only
<i>Gleditsia triacanthos</i> 'Skycole'	Skyline Honeylocust	45' x 35'	Slight Vase Shape
<i>Gleditsia triacanthos</i> 'Suncole'	Sunburst Honeylocust	40' x 35'	Bright Yellow New Growth
<i>Gleditsia triacan.</i> 'True Shade'	True Shade Honeylocust	40' x 35'	Upright Spreading
<i>Koelreuteria paniculata</i>	Goldenrain Tree	30' x 30'	Broadly Round Symmetrical
<i>Malus spp.</i>	Crabapple varieties	20' x 20'	Fruit Likely; Site Approval
<i>Nyssa sylvatica</i>	Black Tupelo	35' x 20'	Horizontal Branching
<i>Ostrya virginiana</i>	American Hornbeam	40' x 20'	Unusual Peeling Bark
<i>Phellodendron</i> 'His Majesty'	His Majesty Cork Tree	40' x 35'	Cold Hardy Zone 3
<i>Prunus serrulata</i> 'Kwanzan'	Kwanzan Cherry	30' x 20'	Better Disease Resistance
<i>Prunus sargentii</i>	Sargent Cherry	30' x 30'	Reddish/ Purple-Brown Bark
<i>Prunus x yedoensis</i>	Yoshino Cherry	30' x 30'	Moderate Growth Rate
<i>Pyrus caller.</i> 'Aristocrat'	Aristocrat Pear	40' x 28'	Moderate Fire Blight Resistance
<i>Pyrus caller.</i> 'Autumn Blaze'	Autumn Blaze Pear	30' x 25'	Dense, Bushy Branching
<i>Robinia psuedo.</i> 'Bessoniana'	Bessoniana Locust	30' x 20'	Produces Little Seed
<i>Robinia x ambig.</i> 'Idahoensis'	Pink Idaho Locust	35' x 25'	Flowers Deep Magenta Pink
<i>Sorbus ainifolia</i>	Korean Mountain Ash	40' x 30'	Diamond Shaped Lenticels
<i>Sorbus aucuparia</i>	European Mountain Ash	35' x 25'	Prone to Fire Blight
<i>Sorbus aucup.</i> 'Beissneri'	Beissner Cutleaf Mtn. Ash	35' x 25'	White Blooms
<i>Sorbus x hybrida</i>	Oak-leaf Mountain Ash	30' x 20'	Good Orange Fall Color
<i>Tilia</i> 'Redmond'	Redmond Linden	35' x 25'	Drought Tolerant/Clay Soil
<i>Tilia cordata</i> 'Greenspire'	Greenspire Linden	40' x 30'	Near Perfect Symmetry
<i>Tilia cordata</i>	Littleleaf Linden	40' x 35'	Bee Attracting Flowers
<i>Tilia cordata</i> 'Baileyi'	Shamrock Linden	40' x 30'	Good Summer Green Color
<i>Ulmus</i> 'Frontier'	Frontier Elm	40' x 30'	Resistant to Elm Leaf Beetle
<i>Ulmus wilson.</i> 'Prospector'	Prospector Elm	40' x 30'	Shorter, More Wide Spread



Large Trees and Conifers

Large size trees typically mature to over forty feet (40'), in height and over thirty-five feet (35') wide; they may be spaced at any interval forty feet (40') apart or greater (unless otherwise specified by the City Forester). Not suitable for planting beneath overhead power lines or for sidewalk tree wells. Planting strips to be a minimum of eight feet (8') wide. Planter strips for conifers to be a minimum of ten feet (10') wide.

Large Trees			
Species Name	Common Name	H x W	Details
<i>Acer x freemanii</i> 'Jeffsred'	Autumn Blaze Maple	50' x 40'	Rarely Flowers
<i>Acer nigrum</i> 'Greencolumn'	Greencolumn Maple	50' x 20'	Shade Tree/Street Tree
<i>Acer plat.</i> 'Emerald Queen'	Emerald Queen Maple	50' x 40'	Dark Green Foliage
<i>Acer plat.</i> 'Fairview'	Fairview Maple	45' x 35'	Upright, Symmetrical
<i>Acer plat.</i> 'Royal Red'	Royal Red Maple	40' x 30'	Rich Royal Purple Color
<i>Acer plat.</i> 'Summershade'	Summershade Maple	40' x 40'	Fast Growing, Lighter Green
<i>Acer plat.</i> 'Superform'	Superform Maple	45' x 40'	Clean Green Foliage
<i>Acer platanoides</i> 'Cleveland'	Cleveland Maple	40' x 30'	Upright Oval Form
<i>Acer platanoides</i> 'Crimson King'	Crimson King Maple	40' x 35'	Growth Slows in Heat
<i>Acer platanoides</i> 'Deborah'	Deborah Maple	45' x 40'	Purple to Green Bronze
<i>Acer platanoides</i> 'Pond'	Emerald Lustre Maple	50' x 40'	Cold Hardiness Zone 3
<i>Acer pseudoplatanus</i>	Sycamore Maple	40' x 30'	Dense Rounded Canopies
<i>Acer rubrum</i> 'Autumn Flame'	Autumn Flame Maple	35' x 35'	Reliable Bright Red
<i>Acer rubrum</i> 'Morgan'	Morgan Maple	45' x 40'	Upright Oval Form
<i>Acer rubrum</i> 'October Glory'	October Glory Maple	40' x 35'	Glossy Summer Foliage
<i>Acer sacc.</i> 'Commemoration'	Commemoration Maple	50' x 35'	Broadly Ovate/Rounded
<i>Acer sacc.</i> 'Endowment'	Endowment Maple	50' x 20'	Fall Color Yellow/Red-Orange
<i>Acer sacc.</i> 'Legacy'	Legacy Maple	50' x 35'	Tolerant of Heavy Shade
<i>Acer saccharinum</i> 'Bonfire'	Bonfire Maple	50' x 40'	Prefers Cooler Climate
<i>Acer saccharinum</i> 'Silver Queen'	Silver Queen Maple	50' x 40'	Drought/Air Pollution Tolerant
<i>Acer x freemanii</i> 'DTR 102'	Autumn Fantasy Maple	50' x 40'	Broad Ovate Crown
<i>Fagus sylvatica</i> 'Riversii'	Rivers Purple Beech	50' x 40'	Slower Growing
<i>Fraxinus americana</i> 'Junginger'	Autumn Purple Ash	45' x 40'	Kaleidoscope of Colors
<i>Fraxinus americana</i> 'Rosehill'	Rosehill Ash	50' x 35'	Tolerant of Urban Conditions
<i>Fraxinus americana</i> 'Skycole'	Skyline Ash	45' x 35'	Flowers Are Sterile
<i>Fraxinus pennsylv.</i> 'Cimmaron'	Cimmaron Ash	50' x 30'	Orange in Fall
<i>Fraxinus pennsylv.</i> 'Marshall'	Marshall Ash	50' x 40'	Fast Growing, Glossy Foliage
<i>Fraxinus pennsylv.</i> 'Patmore'	Patmore Ash	45' x 35'	Extreme Cold Hardiness
<i>Fraxinus pennsylv.</i> 'Urbanite'	Urbanite Ash	50' x 40'	Deep Bronze Fall Color
<i>Gleditsia triacanth.</i> 'Shademaster'	Shademaster Honeylocust	45' x 35'	Fast Growing
<i>Gleditsia triacanthos</i> 'Moraine'	Moraine Honeylocust	45' x 40'	Vase Shaped
<i>Gymnocladus dioica</i>	Kentucky Coffee Tree	50' x 35'	Moderately Slow Growing
<i>Liriodendron tulipifera</i>	Tulip Tree	60' x 30'	High Oval Canopy
<i>Platanus x acerifolia</i> 'Bloodgood'	Bloodgood London Plane	50' x 40'	Anthraxnose Resistant
<i>Quercus coccinea</i>	Scarlet Oak	50' x 40'	Large Upright Spreading
<i>Quercus garryana</i>	Oregon White Oak	45' x 40'	Bark Is Dark Charcoal
<i>Quercus palustris</i>	Pin Oak	55' x 40'	Bark Is Shiny Smooth
<i>Quercus rubra</i>	Red Oak	50' x 45'	Growth Rate 2" /Year Young
<i>Robinia pseudoacacia</i> 'Prpl. Rb'	Purple Robe Locust	50' x 32'	Flowers in Large Clusters
<i>Tilia americana</i> 'Boulevard'	Boulevard Linden	50' x 25'	Tall and Narrow
<i>Tilia americana</i> 'Sentry'	Sentry Linden	45' x 30'	Pyramidal Canopy
<i>Tilia cordata</i> 'Glenleven'	Glenleven Linden	45' x 30'	Relaxed and Natural Looking
<i>Tilia tomentosa</i> 'PNI 6051'	Green Mountain Linden	45' x 35'	Strong Upright, Straight



Large Trees			
Species Name	Common Name	H x W	Details
<i>Ulmus americana 'Princeton'</i>	Princeton Elm	65' x 50'	Dark Green Foliage
<i>Ulmus 'Homestead'</i>	Homestead Elm	55' x 35'	Branches Arch with Age
<i>Ulmus jap. X wilson. 'Morton'</i>	Accolade Elm	70' x 60'	Glossy Dark Green Foliage
<i>Ulmus japonica 'Discovery'</i>	Discovery Elm	45' x 35'	Vase Shaped Branching
<i>Ulmus 'Morton Plainsman'</i>	Vanguard Elm	45' x 40'	Tolerates Wind and Heat
<i>Ulmus 'Morton Stalwart'</i>	Commendation Elm	60' x 50'	Resistant to Elm Disease
<i>Ulmus 'Patriot'</i>	Patriot Elm	50' x 40'	Upright Narrows Vase Shape
<i>Zelkova serr. 'Village Green'</i>	Village Green Zelkova	40' x 35'	Formal Looking
<i>Zelkova serrata. 'Green Vase'</i>	Green Vase Zelkova	50' x 40'	Fall Color Glowing Orange

Conifers			
Species Name	Common Name	H x W	Details
<i>Calocedrus decurrens</i>	Incense Cedar	60' x 30'	Site Must Be Approved
<i>Cedrus atlantica</i>	Atlas Cedar	60' x 30'	Site Must Be Approved
<i>Cornus nuttallii</i>	Pacific Dogwood	60' x 30'	Site Must Be Approved
<i>Picea abies</i>	Norway Spruce	60' x 30'	Site Must Be Approved
<i>Picea engelmannii</i>	Engelmann Spruce	90' x 10'	Site Must Be Approved
<i>Picea pungens</i>	Colorado Blue Spruce	60' x 20'	Site Must Be Approved
<i>Pinus ponderosa</i>	Ponderosa Pine	100' x 40'	Site Must Be Approved
<i>Pinus strobus</i>	White Pine	80' x 40'	Site Must Be Approved
<i>Pseudotsuga menziesii</i>	Douglas Fir	100' x 40'	Site Must Be Approved
<i>Sequoia giganteum</i>	Giant Sequoia	120' x 80'	Site Must Be Approved
<i>Thuja plicata</i>	Western Red Cedar	70' x 25'	Site Must Be Approved

City of Klamath Falls City Code Section 3.715 Street Tree Plan and List of Trees (3)

For questions about the City's Street Tree Plan, contact the City Parks Director or Parks Supervisor:



City of Klamath Falls, Oregon
Parks Division
Public Works Department

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