



CITY OF OREGON CITY

NATURAL RESOURCES COMMITTEE

AGENDA

Virtual Meeting

Wednesday, January 12, 2022 at 6:00 PM

This meeting will be held online via Zoom; please contact planning@orccity.org for the meeting link.

CALL TO ORDER

ADOPTION OF THE AGENDA

Art Commission members have the opportunity to rearrange, remove, or add items on the agenda. Adding an item to the agenda requires the consensus of the Art Commission.

NEW BUSINESS/DISCUSSION ITEMS

1. OFFICERS and STAFFING - Nominations and elections of new officers are to occur at the Committee's first meeting of each calendar year.

PUBLIC COMMENT

Citizens are allowed up to 3 minutes to present information relevant to the City but not listed as an item on the agenda. The Chair has the discretion to waive limitations. Prior to speaking, citizens shall complete a comment form and deliver it to the Staff Member. The Natural Resources Committee does not generally engage in dialog with those making comments but may refer the issue to the City Manager.

PRESENTATIONS

OLD BUSINESS

2. Street Tree List Update
3. Street Tree Planting Standard Drawing

COMMUNICATIONS

FUTURE AGENDA ITEMS

4. Heritage Tree Nominations
5. OC2040 Comprehensive Plan Update
6. Invasive Species List

ADJOURNMENT

PUBLIC COMMENT GUIDELINES

Complete a Comment Card prior to the meeting and submit it to the City Recorder. When the Mayor/Chair calls your name, proceed to the speaker table, and state your name and city of residence into the microphone. Each speaker is given three (3) minutes to speak. To assist in tracking your speaking time, refer to the timer on the table.

As a general practice, the City Commission does not engage in discussion with those making comments.

Electronic presentations are permitted but shall be delivered to the City Recorder 48 hours in advance of the meeting.

ADA NOTICE

The location is ADA accessible. Hearing devices may be requested from the City Recorder prior to the meeting. Individuals requiring other assistance must make their request known 48 hours preceding the meeting by contacting the City Recorder's Office at 503-657-0891.

Agenda Posted at City Hall, Pioneer Community Center, Library, City Website.

Video Streaming & Broadcasts: The meeting is streamed live on the Oregon City's website at www.orcity.org and available on demand following the meeting. The meeting can be viewed on Willamette Falls Television channel 28 for Oregon City area residents as a rebroadcast. Please contact WPMC at 503-650-0275 for a programming schedule.



CITY OF OREGON CITY

Staff Report

625 Center Street
Oregon City, OR 97045
503-657-0891

To: Natural Resources Committee
From: Teresa Montalvo, Planning Manager

Agenda Date: January 7, 2022

SUBJECT:

Street Tree List Update

STAFF RECOMMENDATION:

Discussion

EXECUTIVE SUMMARY:

The Oregon City Street Tree List was last updated in 2013 and the Natural Resources Committee is updating the list to address climate change as well as review the appropriateness of the species associated with each planter strip size.

BACKGROUND:

The Oregon City Street Tree List was last updated in 2013 and the Natural Resources Committee is updating the list to address climate change as well as review the appropriateness of the species associated with each planter strip size.

Street Trees

All trees provide benefits such as stormwater retention, wildlife habitat, and reduced energy consumption. A street tree is a community-owned tree that grows on City property, generally located within a planter strip between the sidewalk and the street. Oregon City Municipal Code Chapter 12.08 – *Public and Street Trees*¹ like most agencies, identifies the abutting property owner as the responsible party for sidewalk repairs and maintenance and replacement of abutting street trees. Having a code that regulates the care of public trees is one of the four requirements set forth by the Arbor Day Foundation for being a Tree City USA (regulation of trees on private property is not a Tree City USA requirement)². The most significant factors contributing to the longevity of a street tree include:

- planting the right species,

¹https://library.municode.com/or/oregon_city/codes/municipal_code?nodeId=TIT12STSIPUPL_CH12.08PUSTTR

²<https://www.arborday.org/programs/treecityusa/standards.cfm>

- in the right location,
- with the right method,
- with proper maintenance of the tree over time.

Though trees provide benefits, they can cause damage to abutting sidewalks when tree roots lift sidewalk panels. This in turn may create tripping hazards, for which the abutting property owner is potentially liable if they do not repair the sidewalk. Trees and their roots will grow wherever there is sufficient soil, space, water, air and nutrients. If the wrong tree is planted in the wrong place, or constraints exist such as clay soils and insufficient space, the life of the street tree, and the sidewalk, may be foreshortened considerably.

Since the City began consistently requiring street trees to be installed with land divisions in the 1980s, development standards have evolved significantly. Today, these standards specify minimum planter strip widths, minimum sidewalk width, curb and gutter sections, tree planting requirements, and pavement thickness have evolved to improve and extend the life of these amenities. The code has changed to require larger planting areas, review of tree species, and installation of root barriers.

City staff is currently reviewing our process for review and inspection of street trees that are planted by developers.

Street Tree List - Current

The last time the street tree list was updated was in 2013, also in response to widespread concerns about sidewalk damage. Starting in 2011, public outreach was extensive. In addition to the NRC, Planning Commission and City Commission, planning staff gave presentations to and sought input from the Barclay Hills, Caufield, Gaffney Lane, South End, Tower Vista, and McLoughlin Neighborhood Associations, the Citizen Involvement Committee, and the Transportation Advisory Committee. At that time, NRC – Tree Subcommittee member Erik Carr, a Certified Arborist working for Clackamas Soil and Water District, and NRC member Bryon Boyce, an avid naturalist and botanist, were particularly helpful reviewing the street tree list and providing advice on appropriate tree species for the list. Staff also reviewed current street tree lists from around the region including Gresham, Lake Oswego, Milwaukie, Gladstone, Tualatin, Beaverton, Hillsboro, West Linn, Tigard, and Metro, and talked to City of Portland tree inspectors about their procedures. The City Commission adopted the revised street tree by Resolution 13-27 in December 2013 (attached).

Climate Change and Street Trees

Some cities are modifying their recommended street tree lists so that tree species are chosen which are more resilient to climate change. For example, the City of Portland has included “climate forward” species such as southern magnolia and live oaks in their updated list, since these species do well in extended droughts but can also manage cooler, wetter winters when they occur³.

³<https://www.portland.gov/trees/tree-planting/street-tree-planting-lists>

The City Commission is appreciative that the Natural Resources Committee has been proactive in reviewing the Oregon City Street Tree list⁴ in preparation for climate change. Additional considerations include the tree species hardiness and ability to withstand events such as the recent ice storm, although proper planting, maintenance and structural pruning is just as important to the long-term resilience of a tree than just choosing the right species. The City of Portland evaluated tree species for their list based on the following criteria:

- tree dimensions and growing habit to ensure that it is the “Right Tree, Right Place”
- site dimensions, soil volume, presence or absence of high voltage power lines
- status on the Portland Plant List (no nuisance trees)
- resistance to pests and disease
- ability to thrive in Portland’s current and future climate
- current canopy diversity to ensure no tree types are overplanted
- good structure for a street tree to avoid conflicts with buildings, sidewalks, roads, cars, bikes, and people
- good strength to survive storms
- potential for wildlife habitat or pollinator attraction
- showy flowers and/or fall color
- minimal fruit or seed drop
- representation of trees native to the Willamette Valley
- local availability at nurseries or growers

Summary of Request from City Commission

While the NRC is reviewing the list for climate change, the City Commission would like the NRC’s advice on the following items related to the street tree list:

- Street trees have caused significant damage to adjacent sidewalks. Though the City has adopted a street tree list and updated that list to address issues such as this, the City Commission requests that the NRC review the list with particular attention to tree species that will not cause damage to the adjacent sidewalk.
- The street tree list identifies replacement species for planter strips as narrow as 2.5 feet. The City Commission requests that the NRC identify the minimum width of a planter strip sufficient for planting.
- The City has a standard planting detail⁵ which includes installation of a root barrier, but owners who are replacing trees are not required to install the barrier. The City Commission requests the NRC review the planting detail and assemble a list of planting tips to ensure that all trees have the best possible opportunity for success.

⁴https://www.orcity.org/sites/default/files/fileattachments/planning/page/4264/adopted_street_tree_list_12.4.2_013_0.pdf

⁵ <https://mccmeetingspublic.blob.core.usgovcloudapi.net/oregoncity-meet-4fb1cd78cb8b4246a2314647384c1ff1/ITEM-Attachment-001-672cf0f5f1ac4fbf90c42af8cd9ca2d6.pdf>

- The Planning Division maintains the following webpages under our “How Do I...?”⁶ section to assist residents who are seeking information about street trees and the permitting process. Staff welcomes the NRC’s suggestions for how to improve and better publicize this information.
 - [How to Remove and Replace a Public / Street Tree](#)
 - [What is the Process to Plant a Street Tree In Front of My House?](#)
 - [How to Know if You Need a Tree Removal Permit](#)

This discussion will continue the discussions from the April, June, July, August, and September meetings regarding the street tree species list.

OPTIONS:

1. Discussion and direction to City staff

BUDGET IMPACT:

Amount: N/A

FY(s):

Funding Source(s):

⁶ <https://www.orcity.org/planning/how-do-i>

OREGON CITY STREET TREE LIST (Reso. 13-27, Adopted xx/xx/xxx)

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
RECOMMENDED STREET TREES FOR 2.5' TO 3' PLANTING STRIP									
American Hornbeam - Palisade (Carpinus caroliniana 'CCS'	Carpinus caroliniana	30'	15'	yes	upright, narrow	upright variety			
Tschonoskii Crabapple	Malus tschonoskii -3	30	15'	yes	Upright	Lovely reddish-orange to red fall foliage	White flowers, fruit. Often has multiple leaders so careful pruning required to avoid overcrowding.	No	Tougher than most crabapples.
Bigleaf Snowbell Tree	Styrax obassia	35	25'	Yes	upright and pyramidal-oval when young, rounded with age.	dark green above, pubescent beneath	Flowers white, fragrant	No	
Chinese Fringetree	Chionanthus retusus	20	25'	yes	Upright, oval	Fragrant white "fringe-like" flowers	Showy white fluffy flowers at branch tips. Olive-like blue fruits on female trees.	No	
Chinese Pistache	Pistachia chinensis - 4	25	25'	Yes	Oval, Rounded or Umbrella	Green. Red, Gold, Orange or Multicolored in Fall.	Inconspicuous. Flowers in Spring. Fruit Prolific, Red or Mostly Blue Drupe.	No	
Crape Myrtle	Lagerstroemia cultivars -5	20	20'	Yes	Oval, Rounded, Umbrella or Vase	Dark green, usually with a slight gloss.	Showy, Lavender, Pink, Red, Rose or White. Flowers in Summer.	No	
Hedge Maple	Acer campestre	35	30	Yes	Round to oval	Dark green turning yellow	Corky bark that is striking in winter	No	
Paperbark Maple	Acer griseum - 6	25	20	Yes	Narrow to rounded	Dark green above, silvery below turning brilliant red	thin strips	No	
Roughbark Maple	Acer triflorum	25	20'	Yes	Oval	dark green, becoming yellow, orange and/or scarlet in fall;	Flower yellow.	No	
Vine Maple	Acer circinatum	25	10	Yes	Upright, spreading	Medium green turning orange to bright red	Winged fruit resembling bow ties, thrives in shade	Native	
Japanese Snowbell	Styrax japonicus	25	25'	Yes	Rounded, horizontal	Medium to dark green, glabrous above.	Flowers perfect, bell-shaped, 2 cm wide, white with yellow stamens	No	
Japanese Tree Lilac	Syringa reticulata - 7	25	20'	Yes	Pyramidal	Green	White panicles and yellow brown fruit	No	
Eastern Redbud	Cercis canadensis - 8	35	30	Yes	Round	Rich green, heart shaped turning yellow	Small rosy pink flowers with 4-6 dried pods	No	Weak wood, not drought tolerant
Lavelle Hawthorn	Crataegus x lavalleyi - 9	30	20	Yes	Upright, open	Glossy green turning bronze to copper red	White cluster flowers, showy orange-red fruit	No	
Summer Sprite Linden	Tilia cordata 'Halka'	20	15'	Yes	Dense compact crown, sheared appearance	Yellow fall color	JF Schmidt small varietal	No	prone to aphids and sticky sap drop below canopy

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
RECOMMENDED STREET TREES FOR PLANTING IN 3' TO 4' PLANTING STRIP									
Trident Maple	<i>Acer buergeranum</i> - 10	25	20	Yes	Oval to Round	Glossy green turning yellow orange red	Exfoliating bark, adaptable to varied conditions	No	Nice looking tree, cool bark, unique leaf, have performed above par (better than Japanese maples in the sun and heat).
Vine Maple	<i>Acer circinatum</i>	25	10	Yes	Upright Spreading	Medium green turning bright orange and red	Northwest native maple, open delicate form, thrives in shade	Native	
Pyramidal Serviceberry	<i>Amelanchier canadensis pyramidalis</i>	30	20	Yes	Very upright	Dark green turning brilliant red and orange	White flowers in spring, dark purple fruit attract birds		not drought tolerant
Allegheny Serviceberry	<i>Amelanchier laevis</i>	25	15	Yes	Upright and oval	Green turning orange	White flowers in spring, blue purple fruit attract birds	No	not drought tolerant
Western serviceberry	<i>Amelanchier alnifolia</i>	25	25	Yes	Vertical, dense		Metro Green Street Tree**	Native	not drought tolerant
Eddies White Wonder Dogwood	<i>Cornus nutalli X florida</i>	40	15	Yes	Dense horizontal drooping	Good red fall color	White flowers	Partly	not drought tolerant
Columnar Goldenrain	<i>Koelreuteria paniculata fastigiata</i>	30	16		Narrow Fastigate	Green turning yellow	Yellow flowers in summer, brown persistent fruits, tolerant of poor conditions	No	
Goldenrain Tree	<i>Koelreuteria paniculata</i> -12	30	20		Round, Open	Green turning yellow	Yellow flowers in summer, brown persistent fruits, tolerant of poor conditions	No	
Japanese Tree Lilac	<i>Syringa reticulata</i>	25	15	Yes	Pyramidal	Green	White panicles and yellow brown fruit	No	
Ivory Silk Tree Lilac	<i>Syringa reticulata</i> 'Ivory Silk'	25	15	Yes	Pyramidal	Green	White panicles and yellow brown fruit	No	
Summer Sprite Linden	<i>Tilia cordata</i> 'Halka'	20	15'	yes	oval	Medium dark green leaves, excellent flowers for pollinators in early summer.	drought tolerant, low maintenance, easy to transplant. Semi-dwarf growth habit	No	Resilient tree, establishes well, prone to aphids and sticky sap drop below canopy
Crape myrtle	<i>Lagerstroemia</i> - larger tree-sized cultivars - 16	25-30	25	Yes	Usually upright, vase shaped	Red to reddish-orange in fall, best in full sun	Fall color varies by cultivar - Natchez = white, Arapaho = deep pink, Muskogee = pale lavender	No	Very heat tolerant but need watering for best flowering.

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
Crepe myrtle – Natchez	<i>Lagerstroemia indica</i>	15-25	15'	yes	shrub/tree, vase shape	Dark green, orange/red in fall	Has thin, gray bark that exfoliates, exposing smooth under-bark with varying colors ranging from brown to gray. White flowers	no	Very heat tolerant but flower best if watered in early summer
Crepe myrtle – Arapaho	<i>Lagerstroemia indica</i>	15-25	15'	yes	shrub/tree, vase shape	Dark green, orange/red in fall	Has thin, gray bark that exfoliates, exposing smooth under-bark with varying colors ranging from brown to gray. Deep pink flowers.	no	Very heat tolerant but flower best if watered in early summer
Crepe myrtle – Muskogee	<i>Lagerstroemia indica</i>	15-25	15'	yes	shrub/tree, vase shape	Dark green, orange/red in fall	Has thin, gray bark that exfoliates, exposing smooth under-bark with varying colors ranging from brown to gray. Pale lavender flowers.	no	Very heat tolerant but flower best if watered in early summer
Crepe myrtle – Wichita	<i>Lagerstroemia indica</i>	15-25	15'	yes	shrub/tree, vase shape	Dark green, orange/red in fall	Has thin, gray bark that exfoliates, exposing smooth under-bark with varying colors ranging from brown to gray. Deep purple flowers	no	Very heat tolerant but flower best if watered in early summer

RECOMMENDED STREET TREES FOR PLANTING IN 4 ½' TO 5 ½' PLANTING STRIPS

Pyramidal European Hornbeam	<i>Carpinus betulus "Fastigiata"</i>	35	20		Dense, Upright, Pyramid to Oval	Dark green turning yellow	Retains leaves into winter, small hard nutlets in clusters		strong wood, drought tolerant
Frans Fontaine Hornbeam	<i>Carpinus betulus "Frans Fontaine"</i>	35	15	Yes	Broadly oval	Dark green turning yellow			strong wood, drought tolerant
Cascara, chitum	<i>Frangula purshiana</i>	30	25	Yes	Upright	Green turn yellow	black berries ok for humans but not tasty, good for wildlife		not drought tolerant
Lavelle Hawthorne	<i>Crataegus x lavellei</i>	30	20		Upright	Dark glossy green turning bronze red	White flowers, red persistent fruit		
Saratoga Ginkgo	<i>Ginkgo biloba "Saratoga"</i>	30	30	Yes	Round	Greenish gold turning yellow	Avoid female plants, fruit is extremely messy and malodorous		strong wood, drought tolerant, pest/disease resistant. Beware stinky fruit on female trees
Chitalpa x tashkentensis	<i>xChitalpa tashkentensis</i>	30	30	Yes	Upright	No fall color to speak of	Tubular pink or white summer flowers attract hummingbirds. No seedpods (sterile hybrid). Heat tolerant.		Weak wood, not drought tolerant
Amur Maackia	<i>Maackia amurensis</i>	30	25'	Yes		Blue-green compound leaves. Unremarkable pale chartreuse fall color or none.	Small white flower clusters in summer attract pollinators. Few pests or diseases. Small, flat brown seedpods.		
Golden Colonnade Ginkgo	<i>Ginkgo biloba "Golden Colonnade" -17</i>	45	35		Narrow broadening in age	Medium green turning gold/yellow	Fruitless clone	No	strong wood, pollution and drought tolerant
Windover Gold Ginkgo	<i>Ginkgo biloba "Windover Gold"</i>	40	25'	yes	upright	Medium green turning gold/yellow	Fruitless clone	No	strong wood, pollution and drought tolerant
Princeton Sentry Ginkgo	<i>Ginkgo biloba "Princeton Sentry"</i>	40	15		Narrowly pyramidal	Light green turning bright yellow	Fruitless clone	No	strong wood, pollution and drought tolerant
Osage organge	<i>Maclura pomifera -18</i>	30	35	Yes	oval	fruitless/thornless varieties should only be chosen, leaves turn yellow in the fall	drought sensitive their first few years. Few pests or diseases. Only street tree in Moraceae family.	No	Strong wood, specify male trees only
American Hornbeam	<i>Ostrya virginiana - 19</i>	35	25		Oval	Medium green turning yellow	Male catkins visible in winter, greenish white nutlets	No	
Skyrocket Oak	<i>Quercus robur 'Fastigiata'</i>	45	15		Fastigiata	Dark green turning yellow brown	Interesting oak for very narrow spaces	No	
Chancellor Linden	<i>Tillia cordata 'Chancole'</i>	45	20		Pyramidal, upright	Dark green turning yellow	Yellow fragrant flowers attractive to bees	No	prone to aphids and sticky sap drop below canopy
"WirelessTM" Zelkova	<i>Zelkova serrata 'Schmidtlow'</i>	24	36	Yes	Broadly spreading vase	Medium green turning red		No	
Mushshino Zelkova	<i>Zelkova serrata "Musashino"</i>	45	20		Very narrow upright vase	Medium green	ideal for narrow street, good canopy clearance	No	

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
Emerald Sunshine elm	<i>Ulmus propinqua</i> 'JFS Bieberich' - 21	35'	25'	Yes	Upright and vase shaped	Medium green turning yellow	heat and drought tolerant. Native to China	No	Excellent resistance to DED and elm-leaf beetle.
Emerald Avenue European Hornbeam	<i>Carpinus betulus</i> – 'JFS-KW1CB'	40'	28'	no	oval	green in summer, light gold in fall	strong wood, drought tolerant	no	improved form
Beacon oak	<i>Quercus bicolor</i> 'Bonnie and Mike'	40'	15'	no	upright	green in summer, yellow fall color	strong wood, good in wet soils	no	narrow swamp white oak
RECOMMENDED STREET TREES FOR PLANTING IN 6' TO 8' PARKING STRIPS									
European Hornbeam	<i>Carpinus betulus</i>	50	35		Oval to Round	Dark green to golden yellow	Holds leaves into winter	No	
Hackberry	<i>Celtis occidentalis</i> - 22	40	30		Oval	Dark green turning yellow	**Metro Green Street Tree	No	
Katsura Tree	<i>Cercidiphyllum japonicum</i> - 23	40	35		Oval	apricot tones. More orange-red fall color on 'Rotfuchs' cultivar.	trees. Often sends up multiple leaders which requires thinning to produce good structure. Is sole species in its	No	Very drought sensitive.
Persian Ironwood	<i>Parrotia persica</i>	35	20'	yes	Upright	various fall colors from butter yellow to orange/red/maroon - sometimes all three on same tree. Interesting bark mosaic of green, white, brown	being new, though common. Does produce many competing branches that grow very thick so careful pruning required to space those out for good form. Few if any pests	No	Strong wood, drought tolerant
Yellowwood	<i>Cladastris lutea</i> - 24	40	35		Round	Yellow to bright green, orange/yellow fall	White fragrant flower clusters	No	
Tricolor Beech	<i>Fagus sylvatica</i> 'Roseo-Marginata'	40	30		Broad Oval	Purple with light pink border		No	
Saratoga Ginko	<i>Ginkgo biloba</i> 'Saratoga'	30	30		Round	Green gold to yellow	Avoid female plants, fruit is extremely messy and malodorous	No	
Golden Colonnade Ginkgo	<i>Ginkgo biloba</i> "Golden Colonnade"-17	45	35		Narrow broadening in age	Medium green turning gold/yellow	Fruitless clone	No	strong wood, pollution and drought tolerant
Windover Gold Ginkgo	<i>Ginkgo biloba</i> "Windover Gold"	40	25'	yes	upright	Medium green turning gold/yellow	Fruitless clone	No	strong wood, pollution and drought tolerant
Princeton Sentry Ginkgo	<i>Ginkgo biloba</i> "Princeton Sentry"	40	15		Narrowly pyramidal	Light green turning bright yellow	Fruitless clone	No	strong wood, pollution and drought tolerant
Shademaster Honeylocust	<i>Gleditsia triacanthos</i> 'Shademaster'	45	35		Vase	Dark green turning yellow		No	specify "thornless" male trees
Skyline Honeylocust	<i>Gleditsia triacanthos</i> 'Skyline'	50	30		Broad pyramidal	Medium green turning golden		No	
Halka Honeylocust	<i>Gleditsia triacanthos</i> 'Christie'	55	40		Upright	Green, yellow fall		No	
Kobus Magnolia	<i>Magnolia kobus</i> - 26	40	30		Round	Dark green	Evergreen leaves and flowers	No	
Royal Burgandy Cherry	<i>Prunus serrulata</i> 'Royal Burgandy'	30	20		Vase	Purple red to red and orange	Pink flowers	No	
Skymaster Oak	<i>Quercus robur</i> 'Pyramich'	50	25		Pyramidal	Dark green turning yellow		No	
Forest Green Oak	<i>Quercus frainetto</i> 'Schmidt'	50	30		Upright w/ strong central leader	Glossy deep green		No	
Glenleven Linden	<i>Tilia cordata</i> 'Glenleven'	45	30		Pyramidal	Medium green turning yellow		No	
Greenspire Linden	<i>Tilia cordata</i> 'Greenspire'	40	30		Pyramidal, symmetrical	Dark green, yellow fall		No	
Redmond Bigleaf Linden	<i>Tillia americana x euchlora</i> "Redmond"	35	25		Pyramidal	light green, yellow fall		No	
Rancho Linden	<i>Tillia cordata</i> 'Rancho'	40	30		Vigorous pyramidal	Small leaves		No	
Frontier Elm	<i>Ulmus</i> 'Frontier'	40	30		Broadly oval	Glossy green, burgundy fall	Resistant to Dutch elm disease and phloem necrosis but moderately susceptible to elm leaf beetles.	No	
Accolade Elm	<i>Ulmus japonica</i> x <i>wilsonia</i>	70	60		Vase shaped w/ arching limbs	Glossy green, yellow fall	Resistant to Dutch elm disease and phloem necrosis	No	Re+K113:P114sistant to elm leaf beetle and dutch elm disease
Triumph Elm	<i>Ulmus</i> 'Morton Glossy'	70	60		Upright oval to vase shaped	Glossy dark green, yellow fall		No	
Green Vase Zelkova	<i>Zelkova serrata</i> 'Green Vase'	50	40		Vase shaped w/ upright arching limbs	Green, yellow fall		No	
Halka Zelkova	<i>Zelkova serrata</i> 'Halka'	45	30		Vase	Medium green turning yellow	Cultivar	No	
Village Green Zelkova	<i>Zelkova serrata</i> 'Village Green'	40	38		Vase to round	Deep green / rusty red fall	Not recommended for high wind areas	No	
"WirelessTM" Zelkova"	<i>Zelkova serrata</i> 'Schmidtlow'	24	36		Broadly spreading vase	Medium green turning red	Cultivar	No	
Musashino Zelkova	<i>Zelkova serrata</i> 'Musashino'	45	20		Very narrow upright vase	Medium green	Good for narrower street, clearance beneath canopy	No	
Hardy rubber tree	<i>Eucommia ulmoides</i>	45-50'	40		Round	dark green, elm like leaves. No fall color.	Moderately drought tolerant, low maintenance, sap is stringy latex "rubbery"	No	
Lacebark elm, Chinese elm	<i>Ulmus parvifolia</i> - 27	40	50		Upright, vase, rounded	Semi-evergreen in some cultivars, others can have good yellow, orange or red fall color.	Exfoliating bark, adaptable to varied conditions	No	Resistant to Dutch Elm disease, phloem necrosis and pollution,
Blue Spanish fir	<i>Abies pinsapo</i> 'Glauca' - 28	50-60'	20-30'		Pyramidal one young, then broadening	Glauca' has bluish gray foliage,	Pink pollen cones are attractive against blue foliage.	No	More drought tolerant than other true firs.

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
Silverleaf oak	<i>Quercus hypoleucoides</i> - 29	30-65'	30-40'		Upright, becoming more rounded	Gray leaf tops, silvery undersides. Evergreen.	Acorns are good for wildlife.	No	Very drought and heat tolerant.
Canyon live oak	<i>Quercus chrysolepis</i> - 30	30-60'	30-40'		Rounded	Deep gray, evergreen.	Acorns are good for wildlife.	Native	Very drought and heat tolerant.

RECOMMENDED STREET TREES FOR PLANTING IN 8 ½' AND LARGER PARKING STRIPS

Please Note: Species with a * are from Metro's illustrated Guide "Trees for Green Streets". They should be planted in an 8' or larger planter strip, or if in a tree well, at least 5' by 5' with removable pavers to make room for the tree as it grows.

Grand fir	<i>Abies grandis</i>	100	40		Upright, vertical, dense	Needles	Metro Green Street Tree**	Native	
Globe Serviceberry	<i>Amelanchier canadensis oblongifolia</i>	60	40		Round	Green turning bright yellow red	White flowers	No	Not drought tolerant
Katsura Tree	<i>Cercidiphyllum japonicum</i>	40	35		Oval	Blue green turning yellow to scarlet		No	Drought sensitive.
Deodar cedar	<i>Cedrus deodara</i>	80	60		Horizontal, dense		Metro Green Street Tree** Evergreen conifer.		
Atlas cedar	<i>Cedrus libani</i> ssp. <i>Atlantica</i>	60	60		Broad, spreading with age	Green in the species, brilliant blue in 'Glauca'	Metro Green Street Tree** Evergreen conifer. is easily damaged by the sun. Very shade tolerant. Fairly shallow roots. Casts dense shade - hard to grow anything	No	Drought tolerant
Purple Rivers Beech	<i>Fagus sylvatica 'Riversii'</i>	60	40		Oval	Deep purple turning bronze		No	strong wood
Tricolor Beech	<i>Fagus sylvatica 'Roseo-Marginata'</i>	40	30		Broad Oval	Purple with light pink border	Shade tolerant. Casts dense shade. Not drought tolerant. Fruitless, long-lived. Few pests or diseases. Tolerant of air pollution. Not much wildlife benefit.	No	strong wood
Shangri La Ginkgo	<i>Ginkgo biloba 'Shangri La</i> - 33	55	40		Upright then oval, rounded	Green turning to yellow		No	Drought tolerant once established
Halka Honeylocust	<i>Gledisia triacanthos 'Christie'</i>	55	40		Upright	Green turning yellow	Podless (mostly) and thornless	No	drought tolerant
Kentucky Coffee Tree	<i>Gymnocladus dioicus</i>	70	40		Open	Bipinnately compound leaves turn yellow	Espresso and True North cultivars are podless. Few pests or diseases.	No	strong wood, drought tolerant
Dawn Redwood	<i>Metasequoia glyptostroboides</i>	70	25		Pyramidal to oval	Green turning orange to russet in fall	Deciduous conifer, looks like a redwood in summer	No	
Black Tupelo	<i>Nyssa sylvatica</i>	40	20	Yes	Pyramidal when young, spreading w/ age	Dark green glossy, copper/red in fall	Inconspicuous flowers are good for pollinators and excellent for honey. Birds relish blue fruits.	No	
Chinese scholar tree	<i>Sophora japonica</i>	50	40		Oval	Green, yellow in fall	Metro Green Street Tree**,	No	
London plane	<i>Platanus × acerifolia</i> - 34	100	65		Spreading	Green turning red in fall	Metro Green Street Tree**, Not shade tolerant, needs ample space, somewhat susceptible to disease and pests	No	
Bur Oak	<i>Quercus macrocarpa</i>	80	40		Horizontal, dense	Glossy green above and paler below		No	
Shumard Oak	<i>Quercus shumardii</i>	70	50		Horizontal, open	Glossy, dark green, turning brown to red in fall	Large acorns, tolerates drought and seasonal flooding	No	
Swamp White Oak	<i>Quercus bicolor</i>	60	45		Vertical, dense	Glossy green above, gray / white pubescent below.	some tolerance to drought and urban conditions	No	easy to transplant, good for tree wells, heat/drought tolerant
Oregon White Oak	<i>Quercus garryana</i>	65	45		Vertical, dense	Dark green, round lobed turning brown	Excellent wildlife tree, Needs ample space, sunlight.	Native	drought tolerant, tough to transplant
English Oak	<i>Quercus robur</i>	60	40		Vertical, dense	Dark green above, bluish green below,	Tolerates drought / seasonal flooding, poor soils, prefers well-drained soil	No	
Accolade Elm	<i>Ulmus hybrids</i>	60	40		Vase	Lustrous, smooth, dark green turning yellow	Resembles American elm, Reportedly tolerant of Dutch elm disease, elm leaf miner and elm leaf beetle	No	
Halka Zelkova	<i>Zelkova serrata 'Halka'</i>	45	30		Vase	Medium green turning yellow	Resistant to DED.	No	
Chinkapin oak	<i>Quercus muehlenbergii</i>	45-50'	45	no	round	dark green, brown in fall	tough, drought tolerant	no	
Texas red oak	<i>Quercus nuttallii</i>	50'	45	no	round	green in summer, red in fall	adapted to wet soils	no	
Forest Knight oak	<i>Quercus robur</i> x <i>Q. alba 'Tabor'</i>	50'	45'	no	round	green in summer, orange-red in fall	hybrid vigor, improved resistance to powdery mildew		
Burgundy Vase zelkova	<i>Zelkova serrata 'Burgundy Vase'</i>	60-75'	50-60'		Similar vase shape to Green Vase with better branch angles	Burgundy fall color	Improved canker resistance. Resistant to DED.	No	
Southern red oak, dagger oak	<i>Quercus falcata</i> - 36	60-80	40-60		Straight trunk, open-rounded crown	Reddish-brown in fall but not very showy.	Acorns feed wildlife. Bark dark and furrowed with age.	No	Moderately drought tolerant.
Black oak	<i>Quercus velutina</i> - 37	50-65	50-60		Globe-shaped, spreading crown	Green turning gold, brown or red.	Dark bark. Acorns are excellent food for wildlife.	No	Drought tolerant, tough tree for poor soils.
Cork oak	<i>Quercus suber</i> - 38	70-90	50-60		Tall and spreading	Grayish green.	Thick corky bark - the source of commercial cork.	No	Very drought tolerant.

OREGON NATIVE TREE SPECIES

Please Note: In general, native trees are NOT recommended as Street Trees within parking strips due to the large planting area required (at least 10' wide). There are some exceptions, which are listed above. Large native trees are appropriate behind the sidewalk in a yard or park area. The city encourages the planting of native plants and trees where appropriate. For further information, please refer to the following resources:
OSU Extension Service Landscape Plants website <http://oregonstate.edu/dept/ldplants/native-or.htm#native>
Oregon City Native Plant List <http://www.orcity.org/sites/default/files/Native%20Plant%20List.pdf>
Portland Plant List <http://www.portlandonline.com/auditor/index.cfm?&a=322280&c=34460>

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
Metro Trees for Green Streets	Booklet (For Purchase)	http://www.oregonmetro.gov/index.cfm/go/by.web/id=26337							
OTHER LARGE TREES									
<i>Please Note: Many species of large trees are NOT recommended as Street Trees within parking strips due to the large planting area required (at least 10' wide) or because they have certain characteristics that make them unsuitable as street trees (e.g. intolerance of clay soils, dust, or weaker structure or wood). There are some exceptions, which are listed above.</i> <i>Large trees may be appropriate behind the sidewalk in a yard or park area. The city encourages the planting of large trees where appropriate. For further information, please refer to the following resources:</i> Portland Plant List http://www.portlandonline.com/auditor/index.cfm?&a=322280&c=34460 Metro Trees for Green Streets http://www.oregonmetro.gov/index.cfm/go/by.web/id=26337 Booklet (For Purchase)									

Remove/Hiatus	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes						
Hiatus	Rocky Mountain Glow Maple	<i>Acer grandidentatum "schmidt"</i>	25	15	Yes	Oval	Dark green turning bright orange to red	Requires well drained soil	No							
Hiatus	Queen Elizabeth Hedge Maple	<i>Acer campestre "Queen Elizabeth"</i>	35	30	Yes	Upright, Oval	Dark green turning yellow									
Hiatus	Paperbark Maple	<i>Acer griseum</i>	30	20	Yes	Round	Green w/silver under, bright red orange in fall	Interesting cinnamon brown under exfoliating bark								
Hiatus	State StreetTM Maple	<i>Acer miyabei 'Morton'</i>	45	30		Upright, oval	Dark green turning yellow	Native to Japan, endangered	No							
Hiatus	Sycamore Maple	<i>Acer pseudoplatanus</i>	60	50		Wide spread	Green turning yellow		No	Outside its native range has proven invasive, as in the U.K.						
Hiatus	Wineleaf Sycamore Maple	<i>Acer pseudoplatanus 'Spaithii'</i>	30	50		Pyramidal	Dark green		No							

OREGON CITY STREET TREE LIST (Reso. 13-27, Adopted 12/04/2013)

Remove/Hiatus/Add	Why Change to Status	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
These trees can be planted in 4'-5' planter strips near, not under, overhead lines.											
		Cornelian Cherry Dogwood	<i>Cornus mas</i>	15	20	Yes	upright rounded to upright spreading	medium to dark green	tiny yellow flowers in late winter		Most dogwoods do best in indirect afternoon sun
		Amur Maple	<i>Acer ginnala</i>	20	20	Yes	Round	Medium green turning orange to scarlet red	Bright red, winged fruit		
		Amur Maple	<i>Acer ginnala</i>	20	20	Yes	Upright Round	Green turning yellow to scarlet red	Small fragrant flowers followed by winged fruit		
Remove	not drought tolerant	Red Bud	<i>Cercis canadensis</i>	20	25	Yes	Open spreading	Medium green turning yellow	Pink flowers		
Add		Chinese Fringetree	<i>Chionanthus reusus</i>	20	25'	yes	Upright, oval	fragrant white “fringe-like” flowers	white fluffy flowers at branch tips		
		Flowering Dogwood	<i>Cornus florida</i>	20	25	Yes	Upright	Bright green, lighter underside turning glowing	Small clusters before leaves appear in May		Most dogwoods do best in indirect afternoon sun
		Crape Myrtle	<i>Lagerstroemia cultivars</i>	20	20'	Yes	Oval, Rounded, Umbrella or Vase	Dark green, usually with a slight gloss.	Snowy, lavender, pink, red, rose or white. Flowers in Summer.		
		Newport Plum	<i>Prunus cerasifera</i>	20	20	Yes	Oval to Round	Purplish Red	Single pink flowers		Weak wood, not drought tolerant
		Blireiana Plum	<i>Prunus x blireiana</i>	20	20'	Yes	rounded, dense branching, trunk often has large bumps.	first purple but fade to green	Blooms early spring. Flowers pink, fragrant. Fruit purplish red		Weak wood, not drought tolerant
Remove	Prone to aphids and sticky sap drop below	Summer Sprite Linden	<i>Tilia cordata 'Halka'</i>	20	15'	yes	oval	wied. dark green leaves, excellent flowers for pollinators	drought tolerant, low maintenance, easy to transplant. semi-dwarf growth habit		
Remove	Prone to aphids and sticky sap drop below	Summer Sprite Linden	<i>Tilia cordata 'Halka'</i>	20	15'	Yes	dense compact crown, sneared appearance	Yellow fall color	JF Schmidt small varietal		
Trees taller than 20' will interfere with overhead lines. They may be planted in 5'-6' planter strips.											
		"WirelessTM" Zelkova"	<i>Zelkova serrata 'Schmidtlow'</i>	24	36	No	Broadly spreading vase	Medium green turning red			
		"WirelessTM" Zelkova"	<i>Zelkova serrata 'Schmidtlow'</i>	24	36	No	Broadly spreading vase	Medium green turning red	Cultivar		
Hiatus	Reduce abundance of new maples for	Trident Maple	<i>Acer buergeranum</i>	25	20	No	Oval to Round	Glossy green turning yellow orange red	Exfoliating bark, adaptable to varied conditions		
		Vine Maple	<i>Acer circinatum</i>	25	10	No	Upright, spreading	Medium green turning orange to bright red	Winged fruit resembling bow ties, thrives in shade	Native	mult-stemmed shrub
		Vine Maple	<i>Acer circinatum</i>	25	10	No	Upright Spreading	Medium green turning bright orange and red	Northwest native maple, open delicate form, thrives in shade	Native	
Hiatus	Reduce abundance of new maples for biodiversity	Rocky Mountain Glow Maple	<i>Acer grandidentatum "schmidt"</i>	25	15	No	Oval	Dark green turning bright red	Requires well drained soil		
Hiatus	Reduce abundance of new maples for biodiversity	Rocky Mountain Glow Maple	<i>Acer grandidentatum 'Schmidt'</i>	25	15	No	Oval	dark green, orange/yellow in fall			
Hiatus	Reduce abundance of new maples for biodiversity	Paperbark Maple	<i>Acer griseum</i>	25	20	No	Narrow to rounded	Dark green above, silvery below turning brilliant red	thin strips		Good to limit maples, but I am not sure I would limit these particular species
Hiatus	Reduce abundance of new maples for biodiversity	Japanese Maple	<i>Acer palmatum</i>	25	25	No	Upright, low branching	Green, yellow or red turning scarlet, orange or yellow			Good to limit maples, but I am not sure I would limit these particular species
Hiatus	new maples for biodiversity	Japanese Maple	<i>Acer palmatum</i>	25	25	No	Upright, low branching	Green, yellow or red turning scarlet, orange or yellow	Many varieties including dwarf species		Good to limit maples, but I am not sure I would limit these particular species
Hiatus	Reduce abundance of new maples for	Roughbark Maple	<i>Acer triflorum</i>	25	20	No	Dense and rounded	Dark green, becoming yellow, orange and/or scarlet in fall			
Hiatus	Reduce abundance of new maples for	Roughbark Maple	<i>Acer triflorum</i>	25	20'	No	Oval	dark green, becoming yellow, orange and/or scarlet in fall;	Flower yellow.		
Remove	Not drought tolerant	Western serviceberry	<i>Amelanchier alnifolia</i>	25	25	No	Vertical, dense		Metro Green Street Tree**	Native	
Remove	Not drought tolerant	Allegheny Serviceberry	<i>Amelanchier laevis</i>	25	15	No	Upright and Oval	Green turning orange in fall	White flowers in spring, blue purple fruit attract birds		
		Japanese Dogwood	<i>Cornus kousa</i>	25	25	No	Vine shaped	Lustrous medium green turning yellow to scarlet	Small clusters with raspberry like fruit, blooms later than most		Most dogwoods do best in indirect afternoon sun
		Crimson Cloud Hawthorn	<i>Crataegus laevigata "Crimson Cloud"</i>	25	18	No	Oval	Glossy green	Flowers are bright red with white center, bright red fruit		

Remove/Hiatus/Add	Why Change to Status	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE? Notes
		Chinese Pistache	<i>Pistachia chinensis</i>	25	25'	No	Oval, Rounded or Umbrella	Green: Red, Gold, Orange or Multicolored in Fall.	Inconspicuous: flowers in Spring. Fruit Prolific, Red or mostly Blue Drupe.	
Remove	weak wood, not drought tolerant	Pink Flair Cherry	<i>Prunus sargentii</i> 'JFSKW58'	25	15	No	Narrow / Upright	Bright orange, red fall	pink clusters, blooms later (avoids frost), upright symmetry gives winter appeal	Ornamental cherries tend to be disease prone
		Japanese Snowbell	<i>Styrax japonicus</i>	25	25'	No	Rounded, horizontal	Medium to dark green, glabrous above.	Flowers perfect, bell-shaped, 2 cm wide, white with yellow stamens	
		Japanese Tree Lilac	<i>Syringa reticulata</i>	25	20'	No	Pyramidal	Green	White panicles and yellow brown fruit	
		Japanese Tree Lilac	<i>Syringa reticulata</i>	25	15	No	Pyramidal	Green	White panicles and yellow brown fruit	
		Ivory Silk Tree Lilac	<i>Syringa reticulata</i> 'Ivory Silk'	25	15	No	Pyramidal	Green	White panicles and yellow brown fruit	
Powerline incompatible. Plant in 6'-8' planting strips										
Hiatus	Reduce abundance of new maples for	Paperbark Maple	<i>Acer griseum</i>	30	20	No	Round	Green w/silver under, bright red orange in fall	Interesting cinnamon brown under exfoliating bark	Good to limit maples, but I am not sure I would limit these particular species
Hiatus	Reduce abundance of new maples for biodiversity	Paperbark Maple	<i>Acer griseum</i>	30	20	No	Round	Green w/silver under, bright red orange in fall	Interesting cinnamon brown under exfoliating bark	
Hiatus	Reduce abundance of new maples for biodiversity	Wineleaf Sycamore Maple	<i>Acer pseudoplatanus</i> 'Spaithii'	30	50	No	Pyramidal	Dark green		
Remove	Not drought tolerant	Pyramidal Serviceberry	<i>Amelanchier canadensis pyramidalis</i>	30	20	No	Very Upright	Dark green turning brilliant red and orange	White flowers in spring, dark purple fruit attract birds	
		Chinese Dogwood	<i>Cornus kousa chinensis</i>	30	30	No	Round	Green turning red	White flowers and red pink fruit	not drought tolerant
Remove	Not drought tolerant	Starlight Dogwood	<i>Cornus kousa</i> X <i>nuttallii</i>	30	20	No	Upright, oval	Deep green, Fall red	Large, creamy white flower, fruit 3/4" , orange	
		Starlight Dogwood	<i>Cornus kousa</i> X <i>nuttallii</i>	30	20	No	Upright, oval	Deep green, Fall red	Large, creamy white flower, fruit 3/4" , orange	Most dogwoods do best in indirect afternoon sun
		Lavelle Hawthorne	<i>Crataegus x lavelle</i>	30	20	No	Upright	Dark glossy green turning bronze red	White flowers, red persistent fruit	
		Lavelle Hawthorn	<i>Crataegus x lavelleii</i>	30	20	No	Upright, open	Glossy green turning bronze to copper red	White cluster flowers, showy orange-red fruit	
Add	not drought tolerant	Cascara, chitum	<i>Frangula purshiana</i>	30	25	No	Upright	green turn yellow	black berries ok for humans but not tasty, good for wildlife	understory native species that does well in afternoon shade
		Saratoga Ginkgo	<i>Ginkgo biloba</i> 'Saratoga'	30	30	No	Round	Green gold to yellow	Avoid female plants, fruit is extremely messy and malodorous	
		Saratoga Ginkgo	<i>Ginkgo biloba</i> "Saratoga"	30	30	No	Round	Greenish gold turning yellow	Avoid female plants, fruit is extremely messy and malodorous	strong wood, drought tolerant, pest/disease resistant. Beware stinky fruit on female trees
		Saratoga Ginko	<i>Ginko biloba</i> 'Saratoga'	30	30	No	Round	Green gold to yellow		strong wood, drought tolerant, pest/disease resistant. Beware stinky fruit on female trees
		Goldenrain Tree	<i>Koelreuteria paniculata</i>	30	20	No	Round, Open	Green turning yellow	yellow flowers in summer, brown persistent fruits, tolerant or poor conditions	
		Columnar Goldenrain	<i>Koelreuteria paniculata fastigiata</i>	30	16	No	Narrow Fastigate	Green turning yellow	yellow flowers in summer, brown persistent fruits, tolerant or poor conditions	
Add		Amur Maackia	<i>Maackia amurensis</i>	30	25'	No		golden fall color fruitless/thornless varieties, leaves turn orange in the fall	small white flower clusters, lovely fall color	
Add		Osage organge	<i>Maclura pomifera</i>	30	35	No	oval		heat and drought tolerant once established	
Add		Tschonoskii Crabapple	<i>Malus tschonoskii</i>	30	15'	No	Upright	white flowers followed by crabapples, lovely fall foliage	flowers, fruit, fall foliage	
		Sourwood	<i>Oxydendrum arboreum</i>	30	20'	No	Oval	fall color yellow to crimson/red, dark green in summer	fragrant flower, excellent for honey, small oval fruit	resilient tree, drought resistant Hard to find in nursery trade in good form
Remove		Royal Burgandy Cherry	<i>Prunus serrulata</i> 'Royal Burgandy'	30	20	No	Vase	Purple red to red and orange	Pink flowers	

Remove/Hiatus/Add	Why Change to Status	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE? Notes
Remove	sidewalk conflict issues	Yoshino Cherry	<i>Prunus x yedoensis</i>	30	30	No	Spreading	Green turning yellow	Pink or white flowers	
Remove		Trinity Pear	<i>Pyrus calleryana</i> 'Trinity'	30	25	No	Broadly oval to round	Glossy green, orange/red fall	White flowers	
		Chitalpa	<i>xChitalpa tashkentensis</i>	30	30	No	Upright	pale pink flowers	tough and drought tolerant	Weak wood, not drought tolerant
Hiatus	Reduce abundance of new maples for biodiversity	Hedge Maple	<i>Acer campestre</i>	35	30	No	Round to oval	Dark green turning yellow	Corky bark that is striking in winter	
Hiatus	Reduce abundance of new maples for biodiversity	Queen Elizabeth Hedge Maple	<i>Acer campestre</i> "Queen Elizabeth"	35	30	No	Upright, Oval	Dark green turning yellow		
		Pyramidal European Hornbeam	<i>Carpinus betulas</i> "Fastigiata"	35	20	No	Dense, Upright, Pyramid to Oval	Dark green turning yellow	Retains leaves into winter, small hard nutlets in clusters	strong wood, drought tolerant
		Frans Fontaine Hornbeam	<i>Carpinus betulas</i> "Frans Fontaine"	35	15	No	Broadly oval	Dark green turning yellow		strong wood, drought tolerant
Hiatus		Eastern Redbud	<i>Cercis canadensis</i>	35	30	No	Round	Rich green, heart shaped turning yellow	Small rosy pink flowers with 4-6 dried pods	
Remove	vulnerable to Emerald Ash Borer (pest)	Flame Ash	<i>Fraxinus oxycarpa</i> 'Flame'	35	30	No	Round	Green turning purple and red		
Relocated	Moved to larger planting size	Carolina Silverbell	<i>Halesia carolina</i>	25'	15'	No	Rounded, often low branched	yellow to yellow green autumn color.	White, bell-shaped flowers in spring offer mild interest;	
		Carolina Silverbell	<i>Halesia carolina</i>	35	15'	No	Rounded, often low branched	yellow to yellow green autumn color.	White, bell-shaped flowers in spring offer mild interest;	medium sized tree
		American Hornbeam	<i>Ostrya virginiana</i>	35	25	No	Oval	Medium green turning yellow	Male catkins visible in winter, greenish white nutlets	
Add		Persian Ironwood	<i>Parrotia persica</i>	35	20'	No	Upright	orange/red fall colors, interesting dark mosaic of green, white, brown	lovely fall color and mosaic colored bark	strong wood, drought tolerant
Remove	Weak wood, not drought tolerant	Columnar Sargent Cherry	<i>Prunus sargentii</i> 'Columnaris'	35	15	No	Columnar	Green turning orange red	Deep pink flowers	Ornamental cherries tend to be disease prone
Remove		Capital Pear	<i>Pyrus calleryana</i> 'Capital'	35	12	No	Columnar	Medium green turning reddish purple	White flowers in clusters, good for narrow spaces	AVOID planting pears
Remove		Rancho Pear	<i>Pyrus calleryana</i> 'Rancho'	35	30	No	Narrow upright		White flowers	
		Bigleaf Snowbell Tree	<i>Styrax obassia</i>	35	25'	No	upright and pyramidal-oval when young, rounded with age.	dark green above, pubescent beneath	Flowers white, fragrant	
		Redmond Bigleaf Linden	<i>Tillia americana x euchlora</i> "Redmond"	35	25	No	Pyramidal	light green, yellow fall		Lindens planted singly or in groups of 2-3 tend not to attract aphids, especially if they are not drought-stressed. AVOID planting lindens as long lines of street trees
Powerline incompatible. Plant in planting strips >7' wide.										
		Hackberry	<i>Celtis occidentalis</i>	40	30	No	Oval	Dark green turning yellow	**Metro Green Street Tree	
Remove	not drought tolerant	Katsura Tree	<i>Cercidiphyllum japonicum</i>	40	35	No	Oval	Blue green turning yellow to scarlet		
Remove	not drought tolerant	Katsura Tree	<i>Cercidiphyllum japonicum</i>	40	35	No	Oval	Blue green turning yellow scarlet		Katsura trees are OK in N sides of buildings
		Yellowwood	<i>Cladastris lutea</i>	40	35	No	Round	Yellow to bright green, orange/yellow fall	White fragrant flower clusters	
Remove	Not drought tolerant	Eddies White Wonder Dogwood	<i>Cornus nutalli</i> X <i>florida</i>	40	15	No	Dense horizontal drooping	Good fall color,	White flowers	
		Eddie's White Wonder Dogwood	<i>Cornus nuttallii</i> x <i>Cornus florida</i>	40	15	No	Dense horizontal drooping habit.	Good fall color	White flowers	Most dogwoods do best in indirect afternoon sun
										strong wood, drought tolerant Good for north and east sides of structures, avoid south/western exposure. Gets aphids and other pests when stressed.
		Tricolor Beech	<i>Fagus slyvatica</i> 'Roseo-Marginata'	40	30	No	Broad Oval	Purple with light pink border		Best planted in afternoon shade. When stressed it will attract aphids.
		Tricolor Beech	<i>Fagus sylvatica</i> 'Roseo-Marginata'	40	30	No	Broad Oval	Purple with light pink border		
		Princeton Sentry Ginkgo	<i>Ginkgo biloba</i> "Princeton Sentry"	40	15	No	Narrowly pyramidal	Light green turning bright yellow		
		Princeton Sentry Ginkgo	<i>Ginkgo biloba</i> "Princeton Sentry"	40	15	No	Narrowly pyramidal	Light green turning bright yellow		

Remove/Hiatus/Add	Why Change to Status	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE? Notes
		Kobus Magnolia	<i>Magnolia kobus</i>	40	30	No	Round	Dark green	Evergreen leaves and flowers	
		Black Tupelo	<i>Nyssa sylvatica</i>	40	20	No	Pyramidal when young, spreading w/ age	Dark green glossy, copper/red in fall		Select male cultivars
Remove		Flowering Pear 'Cleveland Select'	<i>Pyrus calleryana</i> "Cleveland Select"	40	15	No	Upright, pyramidal	Glossy, dark green turning wine red to scarlet	White cluster flowers, early bloomer	AVOID planting pears
Remove		Chanticleer Pear	<i>Pyrus calleryana</i> 'Glens Form'	40	15	No	Pyramidal	Glossy green turning orange red	While flowers in clusters, good for narrow spaces	AVOID planting pears
Remove	not drought tolerant	Japanese Stewartia	<i>Stewartia pseudocamellia</i>	40	20	No	Pyramidal	Dark green turning dark red	White camellia like flowers, mottled bark	Stewartias are OK on N sides of buildings
		Greenspire Linden	<i>Tilia cordata</i> 'Greenspire'	40	30	No	Pyramidal, symmetrical	Dark green, yellow fall		Lindens planted singly or in groups of 2-3 tend not to attract aphids, especially if they are not drought-stressed. AVOID planting lindens as long lines of street trees
		Rancho Linden	<i>Tillia cordata</i> 'Rancho'	40	30	No	Vigorous pyramidal	Small leaves		Lindens planted singly or in groups of 2-3 tend not to attract aphids, especially if they are not drought-stressed. AVOID planting lindens as long lines of street trees
		Frontier Elm	<i>Ulmus</i> 'Frontier'	40	30	No	Broadly oval	Glossy green, burgundy fall	Disease tolerant	
Add		Chinese Elm	<i>Ulmus parvifolia</i>	40	50	No	Upright, vase, rounded	Semi-evergreen	Exfoliating bark, adaptable to varied conditions	No resistant to Dutch Elm disease and pollution, strong wood [KR note: young Chinese elm did not hold up well in Feb 2021 icestorm in Salem]
		Village Green Zelkova	<i>Zelkova serrata</i> "Village Green"	40	38	No	Vase to round	Deep green / rusty red fall	Not recommended for high wind areas	
Powerline incompatible. Plant in planting areas >9' wide										
Hiatus	Reduce abundance of new maples for biodiversity	State Street™ Maple	<i>Acer miyabei</i> 'Morton'	45	30	No	Upright, oval	Dark green turning yellow	Native to Japan, endangered	
Add		Hardy rubber tree	<i>Eucommia ulmoides</i>	45	40	No	Round	dark green, elm like leaves	drought tolerant, low maintenance, sap is stringy latex "rubbery"	
Remove	vulnerable to Emerald Ash Borer (pest)	Summit Ash	<i>Fraxinus pennsylvanica lanceolata</i>	45	25	No	Pyramidal	Medium green turning yellow		
		Autumn Gold Ginkgo	<i>Ginkgo biloba</i> "Autumn Gold"	45	35	No	Narrow broadening in age	Medium green turning gold/yellow	Seedless clone	
		Autumn Gold Ginkgo	<i>Ginkgo biloba</i> "Autumn Gold"	45	35	No	Narrow broadening in age	Medium green turning gold/yellow	Seedless clone	
		Shademaster Honeylocust	<i>Gleditsia triacanthos</i> 'Shademaster'	45	35	No	Vase	Dark green turning yellow		Gall midges and cankers tend to disfigure and defoliate the tree prematurely
		Skyrocket Oak	<i>Quercus robur</i> 'Fastigiata'	45	15	No	Fastigiate	Dark green turning yellow brown	Interesting oak for very narrow spaces	
		Skyrocket Oak	<i>Quercus robur</i> "Fastigiata"	45	15	No	Fastigate	Dark green turning yellow brown	Interesting oak for very narrow spaces	
		Glenleven Linden	<i>Tilia cordata</i> 'Glenleven'	45	30	No	Pyramidal	Medium green turning yellow		Lindens planted singly or in groups of 2-3 tend not to attract aphids, especially if they are not drought-stressed. AVOID planting lindens as long lines of street trees
Remove	prone to aphids and sticky sap drop below canopy	Chancellor Linden	<i>Tillia cordata</i> 'Chancole'	45	20	No	Pyramidal, upright	Dark green turning yellow	Yellow fragrant flowers attractive to bees	Lindens planted singly or in groups of 2-3 tend not to attract aphids, especially if they are not drought-stressed. AVOID planting lindens as long lines of street trees
		Mushshino Zelkova	<i>Zelkova serrata</i> "Musashino"	45	20	No	Very narrow upright vase	Medium green	ideal for narrow street, good canopy clearance	
		Halka Zelkova	<i>Zelkova serrata</i> 'Halka'	45	30	No	Vase	Medium green turning yellow	Cultivar	
		Halka Zelkova	<i>Zelkova serrata</i> 'Halka'	45	30	No	Vase	Medium green turning yellow		
		Musashino Zelkova	<i>Zelkova serrata</i> 'Musashino'	45	20	No	Very narrow upright vase	Medium green	Good for narrower street, clearance beneath canopy	
		Canoe or Paper Birch	<i>Betula papyrifera</i>	50	35	No	Oval	Dark green, yellow fall	The most permanent of the birches	Native Weak wood, not drought tolerant
		European Hornbeam	<i>Carpinus betulus</i>	50	35	No	Oval to Round	Dark green to golden yellow	Holds leaves into winter	Several cultivars available now
Remove	vulnerable to Emerald Ash Borer (pest)	Urbanite Ash	<i>Fraxinus pennsylvanica</i> 'Urbanite'	50	40	No	Broad pyramidal	Lustrous green turning bronze		
		Skyline Honeylocust	<i>Gleditsia triacanthos</i> 'Skyline'	50	30	No	Broad pyramidal	Medium green turning golden		Gall midges and cankers tend to disfigure and defoliate the tree prematurely
		Sourwood	<i>Oxydendrum arboreum</i>	50	25	No	Pyramidal	Green to brilliant scarlet	White flowers	Hard to find in trade
		Scarlet Oak	<i>Quercus coccinea</i>	50	40	No	Broad oval	Glossy green turning scarlet		
		Forest Green Oak	<i>Quercus frainetto</i> 'Schmidt'	50	30	No	Upright w/ strong central leader	Glossy deep green		
		Skymaster Oak	<i>Quercus robur</i> 'Pyramich'	50	25	No	Pyramidal	Dark green turning yellow		
		Scarlet Oak	<i>Querus coccinea</i>	50	40	No	Broad Oval	Glossy green turning scarlet		
		Chinese scholar tree	<i>Sophora japonica</i>	50	40	No	Oval	Green, yellow in fall	Metro Green Street Tree**,	Change in botanical name to Styphnolobium not Sophora
		Green Vase Zelkova	<i>Zelkova serrata</i> 'Green Vase'	50	40	No	Vase shaped w/ upright arching limbs	Green, yellow fall		
		Halka Honeylocust	<i>Gledisia triacanthos</i> 'Christie'	55	40	No	Upright	Green turning yellow		drought tolerant
		Halka Honeylocust	<i>Gleditsia triacanthos</i> 'Christie'	55	40	No	Upright	Green, yellow fall		Gall midges and cankers tend to disfigure and defoliate the tree prematurely
Hiatus	Reduce abundance of new maples for	Sycamore Maple	<i>Acer pseudoplatanus</i>	60	50	No	Wide spread	Green turning yellow		

Remove/Hiatus/Add	Why Change to Status	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
Remove		Red Horsechestnut	<i>Aesculus x carnea ‘Briotii’</i>	60	45	No	Round	Dark green turning yellow	Red flowers		
Remove	not drought tolerant	Globe Serviceberry	<i>Amelanchier canadensis oblongifolia</i>	60	40	No	Round	Green turning bright yellow red	White flowers		
	weak wood, not drought tolerant, prone to diseases	Atlas cedar	<i>Cedrus libani ssp. Atlantica</i>	60	60	No			Metro Green Street Tree**		
Remove		Pacific Dogwood	<i>Cornus nutallii</i>	60	30	No	Broad upright	Deep green, bright fall color.		Native	Prone to dogwood anthracnose
		Purple Rivers Beech	<i>Fagus sylvatica ‘Riversii’</i>	60	40	No	Oval	Deep purple turning bronze			strong wood, drought tolerant
		Swamp White Oak	<i>Quercus bicolor</i>	60	45	No	Vertical, dense	Glossy green above, gray / white pubescent below.	some tolerance to drought and urban conditions		easy to transplant, good for tree wells, heat/drought tolerant
		English Oak	<i>Quercus robur</i>	60	40	No	Vertical, dense	Dark green above, bluish green below,	Tolerates drought / seasonal flooding, poor soils, prefers well-drained soil		
		Accolade Elm	<i>Ulmus hybrids</i>	60	40	No	Vase	lustrous dark green and smooth	resembles American elm, reportedly tolerant of Dutch elm disease, elm leaf miner and elm leaf beetle		
		Oregon White Oak	<i>Quercus garryana</i>	65	45	No	Vertical, dense	Dark green, round lobed	Autumn color is saddle brown, windier tree, needs ample space	Native	drought tolerant, tough to transplant
		Kentucky Coffee Tree	<i>Gymnocladus dioicus</i>	70	40	No	Open	Green			strong wood, drought tolerant MALE cultivars
		Dawn Redwood	<i>Metasequoia glyptostroboides</i>	70	25	No	Pyramidal to oval	Green, yellow fall	Decidious conifer, looks like a redwood in summer		Deciduous conifer
		Red Oak	<i>Quercus rubra</i>	70	50	No	Round	Green turning red			
		Shumard Oak	<i>Quercus shumardii</i>	70	50	No	Horizontal, open	Glossy, dark green, turning brown to red in fall	Large acorns, tolerates drought and seasonal flooding		
		Accolade Elm	<i>Ulmus japonica x wilsonia</i>	70	60	No	Vase shaped w/ arching limbs	Glossy green, yellow fall	Resistant to elm leaf beetle and dutch elm disease		
		Triumph Elm	<i>Ulmus ‘Morton Glossy’</i>	70	60	No	Upright oval to vase shaped	Glossy dark green, yellow fall			
		Deodar cedar	<i>Cedrus deodara</i>	80	60	No	Horizontal, dense		Metro Green Street Tree**		Weak wood
		Bur Oak	<i>Quercus macrocarpa</i>	80	40	No	Horizontal, dense	Glossy green above and paler below	Not shade tolerant, needs ample space, somewhat susceptible to disease and pests		
		Grand fir	<i>Abies grandis</i>	100	40	No	Upright, vertical, dense	Needles	Metro Green Street Tree**	Native	Fir engraver
		London plane	<i>Platanus x acerifolia</i>	100	65	No	Spreading	Green turning red in fall	Metro Green Street Tree**,		
		Western red cedar	<i>Thuja plicata</i>	100	60	No	Pyramidal	Persistent, green	Metro Green Street Tree**, Does not like direct sun	Native	
Please Note: Species with a ** are from Metro's Illustrated Guide "Trees for Green Streets". They should be planted in an 8' or larger planter strip, or if in a tree well, at least 5' by 5' with removable pavers to make room for the tree as it grows.											

OREGON NATIVE TREE SPECIES

Please Note: In general, native trees are NOT recommended as Street Trees within parking strips due to the large planting area required (at least 10' wide). There are some exceptions, which are listed above. Large native trees are appropriate behind the sidewalk in a yard or park area. The city encourages the planting of native plants and trees where appropriate. For further information, please refer to the following resources:

OSU Extension Service Landscape Plants website

<http://oregonstate.edu/dept/ldplants/native-or.htm#native>

Oregon City Native Plant List

<http://www.oregoncity.org/sites/default/files/Native%20Plant%20List.pdf>

Portland Plant List

<http://www.portlandonline.com/auditor/index.cfm?&a=322280&c=34460>

Metro Trees for Green Streets

Booklet (For Purchase)

<http://www.oregonmetro.gov/index.cfm/go/by.web/id=26337>

OTHER LARGE TREES

Please Note: Many species of large trees are NOT recommended as Street Trees within parking strips due to the large planting area required (at least 10' wide) or because they have certain characteristics that make them unsuitable as street trees (e.g. intolerance of clay soils, dust, or weaker structure or wood). There are some exceptions, which are listed above. Large trees may be appropriate behind the sidewalk in a yard or park area. The city encourages the planting of large trees where appropriate. For further information, please refer to the following resources:

Portland Plant List

<http://www.portlandonline.com/auditor/index.cfm?&a=322280&c=34460>

Metro Trees for Green Streets

Booklet (For Purchase)

<http://www.oregonmetro.gov/index.cfm/go/by.web/id=26337>

OREGON CITY STREET TREE LIST (Reso. 13-27, Adopted 12/04/2013)

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?
RECOMMENDED STREET TREES FOR 2.5' TO 3' PLANTING STRIP								
Cornelian Cherry Dogwood	<i>Cornus mas</i>	15	20	Yes	upright rounded to upright spreading	medium to dark green		
Eddie's White Wonder Dogwood	<i>Cornus nuttallii</i> x <i>Cornus florida</i>	40	15	Yes	Dense horizontal drooping habit.	Good fall color	White flowers	
Flowering Dogwood	<i>Cornus florida</i>	20	25	Yes	Upright	Bright green, lighter underside turning glowing	Small clusters before leaves appear in May	
Japanese Dogwood	<i>Cornus kousa</i>	25	25	Yes	Vine shaped	Lustrous medium green turning yellow to scarlet	Small clusters with raspberry like fruit, blooms later than most	
Starlight Dogwood	<i>Cornus kousa</i> X <i>nuttallii</i>	30	20	Yes	Upright, oval	Deep green, Fall red	Large, creamy white flower, fruit 3/4" , orange	
Carolina Silverbell	<i>Halesia carolina</i>	35	15'	Yes	Rounded, often low branched	yellow to yellow green autumn color.	White, bell-shaped flowers in spring offer mild interest;	
Bigleaf Snowbell Tree	<i>Styrax obassia</i>	35	25'	Yes	upright and pyramidal-oval when	dark green above, pubescent beneath	Flowers white, fragrant	
Blireiana Plum	<i>Prunus x blireiana</i>	20	20'	Yes	rounded, dense branching, trunk often	first purple but fade to green	Blooms early spring, Flowers pink, fragrant. Fruit purplish red	
Chinese Pistache	<i>Pistachia chinensis</i>	25	25'	Yes	Oval, Rounded or Umbrella	Green. Red, Gold, Orange or Multicolored in Fall.	Inconspicuous. Flowers in Spring. Fruit Prolific, Red or Mostly	
Crape Myrtle	<i>Lagerstroemia cultivars</i>	20	20'	Yes	Oval, Rounded, Umbrella or Vase	Dark green, usually with a slight gloss.	Showy, Lavender, Pink, Red, Rose or White. Flowers in Summer.	
Amur Maple	<i>Acer ginnala</i>	20	20	Yes	Round	Medium green turning orange to scarlet red	Bright red, winged fruit	
Hedge Maple	<i>Acer campestre</i>	35	30	Yes	Round to oval	Dark green turning yellow	Corky bark that is striking in winter	
Japanese Maple	<i>Acer palmatum</i>	25	25	Yes	Upright, low branching	Green, yellow or red turning scarlet, orange or		
Paperbark Maple	<i>Acer griseum</i>	25	20	Yes	Narrow to rounded	Dark green above, silvery below turning brilliant	thin strips	
Roughbark Maple	<i>Acer triflorum</i>	25	20'	Yes	Oval	dark green, becoming yellow, orange and/or	Flower yelllow.	
Vine Maple	<i>Acer circinatum</i>	25	10	Yes	Upright, spreading	Medium green turning orange to bright red	Winged fruit resembling bow ties, thrives in shade	Native
Japanese Snowbell	<i>Styrax japonicus</i>	25	25'	Yes	Rounded, horizontal	Medium to dark green, glabrous above.	Flowers perfect, bell-shaped, 2 cm wide, white with yellow	
Japanese Tree Lilac	<i>Syringa reticulata</i>	25	20'	Yes	Pyramidal	Green	White panicles and yellow brown fruit	
Eastern Redbud	<i>Cercis canadensis</i>	35	30	Yes	Round	Rich green, heart shaped turning yellow	Small rosy pink flowers with 4-6 dried pods "	
Lavelle Hawthorn	<i>Crataegus x lavalleyi</i>	30	20	Yes	Upright, open	Glossy green turning bronze to copper red	White cluster flowers, showy orange-red fruit	
Summer Sprite Linden	<i>Tilia cordata 'Halka'</i>	20	15'	Yes	Dense compact crown, sheared	Yellow fall color	JF Schmidt small varietal	

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?
RECOMMENDED STREET TREES FOR PLANTING IN 3' TO 4' PLANTING STRIP								
Trident Maple	<i>Acer buergeranum</i>	25	20	Yes	Oval to Round	Glossy green turning yellow orange red	Exfoliating bark, adaptable to varied conditions	
Vine Maple	<i>Acer circinatum</i>	25	10	Yes	Upright Spreading	Medium green turning bright orange and red	Northwest native maple, open delicate form, thrives in shade	Native
Amur Maple	<i>Acer ginnala</i>	20	20	Yes	Upright Round	Green turning yellow to scarlet red	Small fragrant flowers followed by winged fruit	
Rocky Mountain Glow Maple	<i>Acer grandidentatum "schmidt"</i>	25	15	Yes	Oval	Dark green turning bright red	Requires well drained soil	
Paperbark Maple	<i>Acer griseum</i>	30	20	Yes	Round	Green w/silver under, bright red orange in fall	Interesting cinnamon brown under exfoliating bark	
Japanese Maple	<i>Acer palmatum</i>	25	25	Yes	Upright, low branching	Green, yellow or red turning scarlet, orange or	Many varieties including dwarf species	
Roughbark Maple	<i>Acer triflorum</i>	25	20	Yes	Dense and rounded	Dark green, becoming yellow, orange and/or		
Pyramidal Serviceberry	<i>Amelanchier canadensis pyramidalis</i>	30	20	Yes	Very Upright	Dark green turning brilliant red and orange	White flowers in spring, dark purple fruit attract birds	
Allegheny Serviceberry	<i>Amelanchier laevis</i>	25	15	Yes	Upright and Oval	Green turning orange in fall	White flowers in spring, blue purple fruit attract birds	
Western serviceberry	<i>Amelanchier alnifolia</i>	25	25	Yes	Vertical, dense		Metro Green Street Tree**	Native
Eddies White Wonder Dogwood	<i>Cornus nutalli X florida</i>	40	15	Yes	Dense horizontal drooping	Good fall color,	White flowers	
Starlight Dogwood	<i>Cornus kousa X nuttallii</i>	30	20	Yes	Upright, oval	Deep green, Fall red	Large, creamy white flower, fruit 3/4" , orange	
Crimson Cloud Hawthorn	<i>Crataegus laevigata "Crimson Cloud"</i>	25	18		Oval	Glossy green	Flowers are bright red with white center, bright red fruit	
Columnar Goldenrain	<i>Koelreuteria paniculata fastigiata</i>	30	6		Narrow Fastigate	Green turning yellow	Yellow flowers in summer, brown persistent fruits, tolerant of	
Goldenrain Tree	<i>Koelreuteria paniculata</i>	30	20		Round, Open	Green turning yellow	Yellow flowers in summer, brown persistent fruits, tolerant of	
Newport Plum	<i>Prunus cerasifera</i>	20	20		Oval to Round	Purplish Red	Single pink flowers	
Japanese Tree Lilac	<i>Syringa reticulata</i>	25	15	Yes	Pyramidal	Green	White panicles and yellow brown fruit	
Ivory Silk Tree Lilac	<i>Syringa reticulata 'Ivory Silk'</i>	25	15	Yes	Pyramidal	Green	White panicles and yellow brown fruit	
Skyrocket Oak	<i>Quercus robur "Fastigiata"</i>	45	15		Fastigate	Dark green turning yellow brown	Interesting oak for very narrow spaces	
Summer Sprite Linden	<i>Tilia cordata 'Halka'</i>							

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?
RECOMMENDED STREET TREES FOR PLANTING IN 4 ½' TO 5 ½' PLANTING STRIPS								
Queen Elizabeth Hedge Maple	<i>Acer campestre</i> “Queen Elizabeth”	35	30	Yes	Upright, Oval	Dark green turning yellow		
Rocky Mountain Glow Maple	<i>Acer grandidentatum</i> ‘Schmidt’	25	15		Oval	dark green, orange/yellow in fall		
Paperbark Maple	<i>Acer griseum</i>	30	20	Yes	Round	Green w/silver under, bright red orange in fall	Interesting cinnamon brown under exfoliating bark	
Pyramidal European Hornbeam	<i>Carpinus betulas</i> “Fastigiata”	35	20		Dense, Upright, Pyramid to Oval	Dark green turning yellow	Retains leaves into winter, small hard nutlets in clusters	
Frans Fontaine Hornbeam	<i>Carpinus betulas</i> “Frans Fontaine”	35	15		Broadly oval	Dark green turning yellow		
Chinese Dogwood	<i>Cornus kousa chinensis</i>	30	30		Round	Green turning red	White flowers and red pink fruit	
Lavelle Hawthorne	<i>Crataegus x lavelle</i>	30	20		Upright	Dark glossy green turning bronze red	White flowers, red persistent fruit	
Saratoga Ginkgo	<i>Ginkgo biloba</i> “Saratoga”	30	30	Yes	Round	Greenish gold turning yellow	Avoid female plants, fruit is extremely messy and malodorous	
Autumn Gold Ginkgo	<i>Ginkgo biloba</i> "Autumn Gold"	45	35		Narrow broadening in age	Medium green turning gold/yellow	Seedless clone	
Princeton Sentry Ginkgo	<i>Ginkgo biloba</i> "Princeton Sentry"	40	15		Narrowly pyramidal	Light green turning bright yellow		
American Hornbeam	<i>Ostrya virginiana</i>	35	25		Oval	Medium green turning yellow	Male catkins visible in winter, greenish white nutlets	
Columnar Sargent Cherry	<i>Prunus sargentii</i> ‘Columnaris’	35	15		Columnar	Green turning orange red	Deep pink flowers	
Pink Flair Cherry	<i>Prunus sargentii</i> ‘JFSKW58’	25	15		Narrow / Upright	Bright orange, red fall	pink clusters, blooms later (avoids frost), upright symmetry	
Capital Pear	<i>Pyrus calleryana</i> ‘Capital’	35	12		Columnar	Medium green turning reddish purple	White flowers in clusters, good for narrow spaces	
Chanticleer Pear	<i>Pyrus calleryana</i> ‘Glens Form’	40	15		Pyramidal	Glossy green turning orange red	While flowers in clusters, good for narrow spaces	
Flowering Pear 'Cleveland Select'	<i>Pyrus calleryana</i> "Cleveland Select"	40	15		Upright, pyramidal	Glossy, dark green turning wine red to scarlet	White cluster flowers, early bloomer	
Skyrocket Oak	<i>Quercus robur</i> ‘Fastigiata’	45	15		Fastigiate	Dark green turning yellow brown	Interesting oak for very narrow spaces	
Japanese Stewartia	<i>Stewartia pseudocamellia</i>	40	20		Pyramidal	Dark green turning dark red	White camellia like flowers, mottled bark	
Chancellor Linden	<i>Tillia cordata</i> ‘Chancole’	45	20		Pyramidal, upright	Dark green turning yellow	Yellow fragrant flowers attractive to bees	
"WirelessTM" Zelkova"	<i>Zelkova serrata</i> ‘Schmidtlow’	24	36	Yes	Broadly spreading vase	Medium green turning red		
Mushshino Zelkova	<i>Zelkova serrata</i> "Musashino"	45	20		Very narrow upright vase	Medium green	ideal for narrow street, good canopy clearance	

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?
RECOMMENDED STREET TREES FOR PLANTING IN 6' TO 8' PARKING STRIPS								
State StreetTM Maple	<i>Acer miyabei 'Morton'</i>	45	30		Upright, oval	Dark green turning yellow	Native to Japan, endangered	
European Hornbeam	<i>Carpinus betulus</i>	50	35		Oval to Round	Dark green to golden yellow	Holds leaves into winter	
Hackberry	<i>Celtis occidentalis</i>	40	30		Oval	Dark green turning yellow	**Metro Green Street Tree	
Katsura Tree	<i>Cercidiphyllum japonicum</i>	40	35		Oval	Blue green turning yellow scarlet		
Yellowwood	<i>Cladastris lutea</i>	40	35		Round	Yellow to bright green, orange/yellow fall	White fragrant flower clusters	
Pacific Dogwood	<i>Cornus nutallii</i>	60	30		Broad upright	Deep green, bright fall color.		Native
Tricolor Beech	<i>Fagus sylvatica 'Roseo-Marginata'</i>	40	30		Broad Oval	Purple with light pink border		
Saratoga Ginkgo	<i>Ginkgo biloba 'Saratoga'</i>	30	30		Round	Green gold to yellow	Avoid female plants, fruit is extremely messy and malodorous	
Autumn Gold Ginkgo	<i>Ginkgo biloba "Autumn Gold"</i>	45	35		Narrow broadening in age	Medium green turning gold/yellow	Seedless clone	
Princeton Sentry Ginkgo	<i>Ginkgo biloba "Princeton Sentry"</i>	40	15		Narrowly pyramidal	Light green turning bright yellow		
Shademaster Honeylocust	<i>Gleditsia triacanthos 'Shademaster'</i>	45	35		Vase	Dark green turning yellow		
Skyline Honeylocust	<i>Gleditsia triacanthos 'Skyline'</i>	50	30		Broad pyramidal	Medium green turning golden		
Halka Honeylocust	<i>Gleditsia triacanthos 'Christie'</i>	55	40		Upright	Green, yellow fall		
Kobus Magnolia	<i>Magnolia kobus</i>	40	30		Round	Dark green	Evergreen leaves and flowers	
Royal Burgandy Cherry	<i>Prunus serrulata 'Royal Burgandy'</i>	30	20		Vase	Purple red to red and orange	Pink flowers	
Rancho Pear	<i>Pyrus calleryana 'Rancho'</i>	35	30		Narrow upright		White flowers	
Trinity Pear	<i>Pyrus calleryana 'Trinity'</i>	30	25		Broadly oval to round	Glossy green, orange/red fall	White flowers	
Scarlet Oak	<i>Querus coccinea</i>	50	40		Broad Oval	Glossy green turning scarlet		
Skymaster Oak	<i>Quercus robur 'Pyramich'</i>	50	25		Pyramidal	Dark green turning yellow		
Forest Green Oak	<i>Quercus frainetto 'Schmidt'</i>	50	30		Upright w/ strong central leader	Glossy deep green		
Glenleven Linden	<i>Tilia cordata 'Glenleven'</i>	45	30		Pyramidal	Medium green turning yellow		
Greenspire Linden	<i>Tilia cordata 'Greenspire'</i>	40	30		Pyramidal, symmetrical	Dark green, yellow fall		
Redmond Bigleaf Linden	<i>Tillia americana x euchlora "Redmond"</i>	35	25		Pyramidal	light green, yellow fall		
Rancho Linden	<i>Tillia cordata 'Rancho'</i>	40	30		Vigorous pyramidal	Small leaves		
Frontier Elm	<i>Ulmus 'Frontier'</i>	40	30		Broadly oval	Glossy green, burgundy fall	Disease tolerant	
Accolade Elm	<i>Ulmus japonica x wilsonia</i>	70	60		Vase shaped w/ arching limbs	Glossy green, yellow fall	Resistant to elm leaf beetle and dutch elm disease	
Triumph Elm	<i>Ulmus 'Morton Glossy'</i>	70	60		Upright oval to vase shaped	Glossy dark green, yellow fall		
Green Vase Zelkova	<i>Zelkova serrata 'Green Vase'</i>	50	40		Vase shaped w/ upright arching limbs	Green, yellow fall		
Halka Zelkova	<i>Zelkova serrata 'Halka'</i>	45	30		Vase	Medium green turning yellow	Cultivar	
Village Green Zelkova	<i>Zelkova serrata 'Village Green'</i>	40	38		Vase to round	Deep green / rusty red fall	Not recommended for high wind areas	
"WirelessTM" Zelkova"	<i>Zelkova serrata 'Schmidtlow'</i>	24	36		Broadly spreading vase	Medium green turning red	Cultivar	
Musashino Zelkova	<i>Zelkova serrata 'Musashino'</i>	45	20		Very narrow upright vase	Medium green	Good for narrower street, clearance beneath canopy	

COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?
RECOMMENDED STREET TREES FOR PLANTING IN 8 ½' AND LARGER PARKING STRIPS								
Metro's Illustrated Guide "Trees for								
Grand fir	<i>Abies grandis</i>	100	40		Upright, vertical, dense	Needles	Metro Green Street Tree**	Native
Sycamore Maple	<i>Acer pseudoplatanus</i>	60	50		Wide spread	Green turning yellow		
Wineleaf Sycamore Maple	<i>Acer pseudoplatanus</i> ‘Spaithii’	30	50		Pyramidal	Dark green		
Red Horsechestnut	<i>Aesculus x carnea</i> ‘Briotii’	60	45		Round	Dark green turning yellow	Red flowers	
Globe Serviceberry	<i>Amelanchier canadensis oblongifolia</i>	60	40		Round	Green turning bright yellow red	White flowers	
Canoe or Paper Birch	<i>Betula papyrifera</i>	50	35		Oval	Dark green, yellow fall	The most permanent of the birches	Native
Katsura Tree	<i>Cercidiphyllum japonicum</i>	40	35		Oval	Blue green turning yellow to scarlet		
Red Bud	<i>Cercis canadensis</i>	20	25		Open spreading	Medium green turning yellow	Pink flowers	
Deodar cedar	<i>Cedrus deodara</i>	80	60		Horizontal, dense		Metro Green Street Tree**	
Atlas cedar	<i>Cedrus libani</i> ssp. <i>Atlantica</i>	60	60				Metro Green Street Tree**	
Purple Rivers Beech	<i>Fagus sylvatica</i> ‘Riversii’	60	40		Oval	Deep purple turning bronze		
Tricolor Beech	<i>Fagus slyvatica</i> ‘Roseo-Marginata’	40	30		Broad Oval	Purple with light pink border		
Flame Ash	<i>Fraxinus oxycarpa</i> ‘Flame’	35	30		Round	Green turning purple and red		
Urbanite Ash	<i>Fraxinus pennsylvanica</i> ‘Urbanite’	50	40		Broad pyramidal	Lustrous green turning bronze		
Summit Ash	<i>Fraxinus pennsylvanica lanceolata</i>	45	25		Pyramidal	Medium green turning yellow		
Saratoga Ginko	<i>Ginko biloba</i> ‘Saratoga’	30	30		Round	Green gold to yellow		
Halka Honeylocust	<i>Gledisia triacanthos</i> ‘Christie’	55	40		Upright	Green turning yellow		
Kentucky Coffee Tree	<i>Gymnocladus dioicus</i>	70	40		Open	Green		
Dawn Redwood	<i>Metasequoia glyptostroboides</i>	70	25		Pyramidal to oval	Green, yellow fall	Decidious conifer, looks like a redwood in summer	
Black Tupelo	<i>Nyssa sylvatica</i>	40	20	Yes	Pyramidal when young, spreading w/	Dark green glossy, copper/red in fall		
Sourwood	<i>Oxydendrum arboreum</i>	50	25		Pyramidal	Green to brilliant scarlet	White flowers	
Chinese scholar tree	<i>Sophora japonica</i>	50	40		Oval	Green, yellow in fall	Metro Green Street Tree**,	
Yoshino Cherry	<i>Prunus x yedoensis</i>	30	30		Spreading	Green turning yellow	Pink or white flowers	
London plane	<i>Platanus × acerifolia</i>	100	65		Spreading	Green turning red in fall	Metro Green Street Tree**,	
Scarlet Oak	<i>Quercus coccinea</i>	50	40		Broad oval	Glossy green turning scarlet		
Bur Oak	<i>Quercus macrocarpa</i>	80	40		Horizontal, dense	Glossy green above and paler below	Not shade tolerant, needs ample space, somewhat susceptible	
Shumard Oak	<i>Quercus shumardii</i>	70	50		Horizontal, open	Glossy, dark green, turning brown to red in fall	Large acorns, tolerates drought and seasonal flooding	
Swamp White Oak	<i>Quercus bicolor</i>	60	45		Vertical, dense	Glossy green above, gray / white pubescent	some tolerance to drought and urban conditions	
Oregon White Oak	<i>Quercus garryana</i>	65	45		Vertical, dense	Dark green, round lobed	Autumn color is saddle brown, wildlife tree, Needs ample space	Native
English Oak	<i>Quercus robur</i>	60	40		Vertical, dense	Dark green above, bluish green below,	Tolerates drought / seasonal flooding, poor soils, prefers well-	
Red Oak	<i>Quercus rubra</i>	70	50		Round	Green turning red		
Western red cedar	<i>Thuja plicata</i>	100	60		Pyramidal	Persistent, green	Metro Green Street Tree**, Does not like direct sun	Native
Accolade Elm	<i>Ulmus hybrids</i>	60	40		Vase	lustrous dark green and smooth	Resembles American Elm, Reportedly tolerant of Dutch elm	
Halka Zelkova	<i>Zelkova serrata</i> ‘Halka’	45	30		Vase	Medium green turning yellow		

OREGON NATIVE TREE SPECIES

Please Note: In general, native trees are NOT recommended as Street Trees within parking strips due to the large planting area required (at least 10' wide). There are some exceptions, which are listed above.

Large native trees are appropriate behind the sidewalk in a yard or park area. The city encourages the planting of native plants and trees where appropriate. For further information, please refer to the following resources:

OSU Extension Service Landscape Plants website

<http://oregonstate.edu/dept/ldplants/native-or.htm#native>

Oregon City Native Plant List

<http://www.orcity.org/sites/default/files/Native%20Plant%20List.pdf>

Portland Plant List

<http://www.portlandonline.com/auditor/index.cfm?&a=322280&c=34460>

Metro Trees for Green Streets

Booklet (For Purchase)

<http://www.oregonmetro.gov/index.cfm/go/by.web/id=26337>

OTHER LARGE TREES

Please Note: Many species of large trees are NOT recommended as Street Trees within parking strips due to the large planting area required (at least 10' wide) or because they have certain characteristics that make them unsuitable as street trees (e.g. intolerance of clay soils, dust, or weaker structure or wood). There are some exceptions, which are listed above.

Large trees may be appropriate behind the sidewalk in a yard or park area. The city encourages the planting of large trees where appropriate. For further information, please refer to the following resources:

Portland Plant List

<http://www.portlandonline.com/auditor/index.cfm?&a=322280&c=34460>

Metro Trees for Green Streets

Booklet (For Purchase)

<http://www.oregonmetro.gov/index.cfm/go/by.web/id=26337>

OREGON CITY STREET TREE LIST (Reso. 13-27, Adopted 12/04/2013)

Remove/Hiatus	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
RECOMMENDED STREET TREES FOR 2.5' TO 3' PLANTING STRIP										
		Pink - drop								
		White - neutral or okay								
		Green - good or great choice								
	Cornelian Cherry Dogwood	<i>Cornus mas</i>	15	20	Yes	Upright rounded to upright spreading	Medium to dark green turning gold to orange.	Globular yellow flowers before leaves in late winter. Scarlet fruits can be made into jams/jellies or relished by birds.	No	
	Eddie's White Wonder Dogwood	<i>Cornus nuttallii</i> x <i>C. florida</i>	40	15	Yes	Dense horizontal drooping habit.	Good fall color	White flowers	No	
	Flowering Dogwood	<i>Cornus florida</i> - 1	20	25	Yes	Upright	Bright green, lighter underside turning glowing	Small clusters before leaves appear in May Small clusters with raspberry like fruit, blooms later	No	
	Japanese Dogwood	<i>Cornus kousa</i>	25	25	Yes	Vine shaped	Lustrous medium green turning yellow to scarlet	than most	No	
	Starlight Dogwood	<i>Cornus kousa</i> X <i>C. nuttallii</i>	30	20	Yes	Upright, oval	Deep green, Fall red	Large, creamy white flower, fruit 3/4" , orange	No	
	Carolina Silverbell	<i>Halesia carolina</i> - 2	35	15'	Yes	Rounded, often low branched	yellow to yellow green autumn color.	White, bell-shaped flowers in spring offer mild interest,	No	moved to larger planting size
	Tschonoskii Crabapple	<i>Malus tschonoskii</i> -3	30	15'	yes	Upright	Lovely reddish-orange to red fall foliage	White flowers, fruit. Often has multiple leaders so careful pruning required to avoid overcrowding.	No	Tougher than most crabapples.
	Bigleaf Snowbell Tree	<i>Styrax obassia</i>	35	25'	Yes	upright and pyramidal-oval when young, rounded with age.	dark green above, pubescent beneath	Flowers white, fragrant	No	
	Blireiana Plum	<i>Prunus x blireiana</i>	20	20'	Yes	has large bumps.	first purple but fade to green	purplish red	No	Weak wood, not drought tolerant
	Chinese Fringetree	<i>Chionanthus retusus</i>	20	25'	yes	Upright, oval	Fragrant white “fringe-like” flowers	blue fruits on female trees.	No	
	Chinese Pistache	<i>Pistachia chinensis</i> - 4	25	25'	Yes	Oval, Rounded or Umbrella	Green. Red, Gold, Orange or Multicolored in Fall.	Mostly Blue Drupe.	No	
	Crape Myrtle	<i>Lagerstroemia cultivars</i> -5	20	20'	Yes	Oval, Rounded, Umbrella or Vase	Dark green, usually with a slight gloss.	Summer.	No	
	Amur Maple	<i>Acer ginnala</i>	20	20	Yes	Round	Medium green turning orange to scarlet red	Bright red, winged fruit	No	
Hiatus	Hedge Maple	<i>Acer campestre</i>	35	30	Yes	Round to oval	Dark green turning yellow	Corky bark that is striking in winter	No	
Hiatus	Japanese Maple	<i>Acer palmatum</i>	25	25	Yes	Upright, low branching	yellow		No	
Keep	Paperbark Maple	<i>Acer griseum</i> - 6	25	20	Yes	Narrow to rounded	red	thin strips	No	
Hiatus	Roughbark Maple	<i>Acer triflorum</i>	25	20'	Yes	Oval	scarlet in fall;	Flower yellow.	No	
	Vine Maple	<i>Acer circinatum</i>	25	10	Yes	Upright, spreading	Medium green turning orange to bright red	Winged fruit resembling bow ties, thrives in shade	Native	
	Japanese Snowbell	<i>Styrax japonicus</i>	25	25'	Yes	Rounded, horizontal	Medium to dark green, glabrous above.	yellow stamens	No	
	Japanese Tree Lilac	<i>Syringa reticulata</i> - 7	25	20'	Yes	Pyramidal	Green	White panicles and yellow brown fruit	No	
Hiatus	Eastern Redbud	<i>Cercis canadensis</i> - 8	35	30	Yes	Round	Rich green, heart shaped turning yellow	Small rosy pink flowers with 4-6 dried pods	No	Weak wood, not drought tolerant
	Lavelle Hawthorn	<i>Crataegus x lavalleyi</i> - 9	30	20	Yes	Upright, open	Glossy green turning bronze to copper red	White cluster flowers, showy orange-red fruit	No	
	Summer Sprite Linden	<i>Tilia cordata</i> 'Halka'	20	15'	Yes	appearance	Yellow fall color	JF Schmidt small varietal	No	canopy

Remove/Hiatus	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
RECOMMENDED STREET TREES FOR PLANTING IN 3' TO 4' PLANTING STRIP										
Keep	Trident Maple	<i>Acer buergeranum</i> - 10	25	20	Yes	Oval to Round	Glossy green turning yellow orange red	Exfoliating bark, adaptable to varied conditions	No	
	Carolina Silverbell	<i>Halesia carolina</i> -2	35	15'	Yes	Rounded, often low branched	yellow to yellow green autumn color.	White, bell-shaped flowers in spring offer mild interest;	No	medium sized tree
	Vine Maple	<i>Acer circinatum</i>	25	10	Yes	Upright Spreading	Medium green turning bright orange and red	shade	Native	
Hiatus	Amur Maple	<i>Acer ginnala</i>	20	20	Yes	Upright Round	Green turning yellow to scarlet red	Small fragrant flowers followed by winged fruit	No	
Hiatus	Rocky Mountain Glow Maple	<i>Acer grandidentatum "schmidt"</i>	25	15	Yes	Oval	Dark green turning bright orange to red	Requires well drained soil	No	
Hiatus	Paperbark Maple	<i>Acer griseum</i> - 6	30	20	Yes	Round	Green w/silver under, deep red in fall	Interesting cinnamon brown under exfoliating bark	No	
Hiatus	Japanese Maple	<i>Acer palmatum</i>	25	25	Yes	Upright, low branching	yellow	Many varieties including dwarf species	No	
Hiatus	Roughbark Maple	<i>Acer triflorum</i>	25	20	Yes	Dense and rounded	scarlet in fall		No	
	Pyramidal Serviceberry	<i>Amelanchier canadensis pyramidalis</i>	30	20	Yes	Very upright	Dark green turning brilliant red and orange	White flowers in spring, dark purple fruit attract birds		not drought tolerant
	Allegheny Serviceberry	<i>Amelanchier laevis</i>	25	15	Yes	Upright and oval	Green turning orange	White flowers in spring, blue purple fruit attract birds	No	not drought tolerant
	Western serviceberry	<i>Amelanchier alnifolia</i>	25	25	Yes	Vertical, dense		Metro Green Street Tree**	Native	not drought tolerant
	Eddies White Wonder Dogwood	<i>Cornus nutalli X florida</i>	40	15	Yes	Dense horizontal drooping	Good red fall color	White flowers	Partly	not drought tolerant
	Starlight Dogwood	<i>Cornus kousa X nuttallii</i>	30	20	Yes	Upright, oval	Deep green turning red	Large, creamy white flower, fruit 3/4" , orange	No	not drought tolerant
	Crimson Cloud Hawthorn	<i>Crataegus laevigata "Crimson Cloud"</i> - 11	25	18		Oval	Glossy green	fruit	No	
	Columnar Goldenrain	<i>Koelreuteria paniculata fastigiata</i>	30	16		Narrow Fastigate	Green turning yellow	tolerant of poor conditions	No	
	Goldenrain Tree	<i>Koelreuteria paniculata</i> -12	30	20		Round, Open	Green turning yellow	tolerant of poor conditions	No	
Hiatus	Newport Plum	<i>Prunus cerasifera</i> -13	20	20		Oval to Round	Purplis-red	Single pink flowers	No	Weak wood, not drought tolerant
	Japanese Tree Lilac	<i>Syringa reticulata</i>	25	15	Yes	Pyramidal	Green	White panicles and yellow brown fruit	No	
	Ivory Silk Tree Lilac	<i>Syringa reticulata 'Ivory Silk'</i>	25	15	Yes	Pyramidal	Green	White panicles and yellow brown fruit	No	
	Skyrocket Oak	<i>Quercus robur "Fastigiata"</i> - 14	45	15		Fastigate	Dark green turning yellow brown	Interesting oak for very narrow spaces	No	
	Summer Sprite Linden	<i>Tilia cordata 'Halka'</i>	20	15'	yes	oval	Medium dark green leaves, excellent flowers for pollinators in early summer.	drought tolerant, low maintenance, easy to transplant. Semi-dwarf growth habit	No	Resilient tree, establishes well, prone to aphids and sticky sap drop below canopy
								Fragrant flower in summer are good for pollinators.		
	Sourwood	<i>Oxydendrum arboreum</i> -15	30-50	20'		Oval	Fall color usually crimson/red, dark green in summer.	Excellent for honey. Small oval fruit hang in showy cream-colored clusters that show against red leaves.	No	Very drought sensitive.
								Fall color varies by cultivar - Natchez = white, Arapaho = deep pink, Muskogee = pale lavender		Very heat tolerant but need watering for best flowering.
Add	Crape myrtle	<i>Lagerstroemia</i> - larger tree-sized cultivars - 16	25-30	25	Yes	Usually upright, vase shaped	Red to reddish-orange in fall, best in full sun		No	

Remove/Hiatus	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
RECOMMENDED STREET TREES FOR PLANTING IN 4 ½' TO 5 ½' PLANTING STRIPS										
Hiatus	Queen Elizabeth Hedge Maple	<i>Acer campestre</i> “Queen Elizabeth”	35	30	Yes	Upright, Oval	Dark green turning yellow			
Hiatus	Rocky Mountain Glow Maple	<i>Acer grandidentatum</i> 'Schmidt'	25	15	Yes	Oval	Dark green, orange/yellow in fall			
Hiatus	Paperbark Maple	<i>Acer griseum</i>	30	20	Yes	Round	Green w/silver under, bright red orange in fall	Interesting cinnamon brown under exfoliating bark		
	Pyramidal European Hornbeam	<i>Carpinus betulas</i> “Fastigiata”	35	20		Dense, Upright, Pyramid to Oval	Dark green turning yellow	Retains leaves into winter, small hard nutlets in clusters		strong wood, drought tolerant
	Frans Fontaine Hornbeam	<i>Carpinus betulas</i> “Frans Fontaine”	35	15	Yes	Broadly oval	Dark green turning yellow			strong wood, drought tolerant
	Chinese Dogwood	<i>Cornus kousa chinensis</i>	30	30	Yes	Round	Green turning red	White flowers and red pink fruit		not drought tolerant
	Cascara, chitum	<i>Frangula purshiana</i>	30	25	Yes	Upright	Green turn yellow	wildlife		not drought tolerant
	Lavelle Hawthorne	<i>Crataegus x lavellei</i>	30	20		Upright	Dark glossy green turning bronze red	White flowers, red persistent fruit		
										strong wood, drought tolerant, pest/disease resistant. Beware stinky fruit on female trees
	Saratoga Ginkgo	<i>Ginkgo biloba</i> “Saratoga”	30	30	Yes	Round	Greenish gold turning yellow	Avoid female plants, fruit is extremely messy and malodorous		
	Chitalpa x tashkentensis	<i>xChitalpa tashkentensis</i>	30	30	Yes	Upright	No fall color to speak of	Tubular pink or white summer flowers attract hummingbirds. No seedpods (sterile hybrid). Heat tolerant.		Weak wood, not drought tolerant
	Amur Maackia	<i>Maackia amurensis</i>	30	25'	Yes		Blue-green compound leaves. Unremarkable pale chartreuse fall color or none.	Small white flower clusters in summer attract pollinators. Few pests or diseases. Small, flat brown seedpods.		
	Autumn Gold Ginkgo	<i>Ginkgo biloba</i> "Autumn Gold" -17	45	35		Narrow broadening in age	Medium green turning gold/yellow	Fruitless clone	No	
	Princeton Sentry Gingko	<i>Ginkgo biloba</i> "Princeton Sentry"	40	15		Narrowly pyramidal	Light green turning bright yellow	Fruitless clone	No	
Specify male only	Osage organge	<i>Maclura pomifera</i> -18	30	35	Yes	oval	fruitless/thornless varieties should only be chosen, leaves turn yellow in the fall	Heat and drought tolerant once established but can be drought sensitive their first few years. Few pests or diseases. Only street tree in Moraceae family.	No	Strong wood
	American Hornbeam	<i>Ostrya virginiana</i> - 19	35	25		Oval	Medium green turning yellow	Male catkins visible in winter, greenish white nutlets	No	
Remove	Columnar Sargent Cherry	<i>Prunus sargentii</i> ‘Columnaris’	35	15		Columnar	Green turning orange red	Deep pink flowers	No	Weak wood, not drought tolerant
Remove	Pink Flair Cherry	<i>Prunus sargentii</i> ‘JFSKW58’	25	15		Narrow / Upright	Bright orange, red fall	symmetry gives winter appeal	No	Weak wood, not drought tolerant
Remove	Capital Pear	<i>Pyrus calleryana</i> ‘Capital’	35	12		Columnar	Medium green turning reddish purple	White flowers in clusters, good for narrow spaces	No	
Remove	Chanticleer Pear	<i>Pyrus calleryana</i> ‘Glens Form’	40	15		Pyramidal	Glossy green turning orange red	White flowers in clusters, good for narrow spaces	No	
Remove	Flowering Pear 'Cleveland Select'	<i>Pyrus calleryana</i> "Cleveland Select"	40	15		Upright, pyramidal	Glossy, dark green turning wine red to scarlet	White cluster flowers, early bloomer	No	
	Skyrocket Oak	<i>Quercus robur</i> ‘Fastigiata’	45	15		Fastigiate	Dark green turning yellow brown	Interesting oak for very narrow spaces	No	
Remove	Japanese Stewartia	<i>Stewartia pseudocamellia</i> - 20	40	20		Pyramidal	Dark green turning dark red	White camellia like flowers, mottled bark	No	not drought tolerant
	Chancellor Linden	<i>Tillia cordata</i> ‘Chancole’	45	20		Pyramidal, upright	Dark green turning yellow	Yellow fragrant flowers attractive to bees	No	canopy
	"WirelessTM" Zelkova"	<i>Zelkova serrata</i> ‘Schmidtlow’	24	36	Yes	Broadly spreading vase	Medium green turning red		No	
	Mushshino Zelkova	<i>Zelkova serrata</i> "Musashino"	45	20		Very narrow upright vase	Medium green	ideal for narrow street, good canopy clearance	No	

	Remove/Hiatus	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
	ADD	Emerald Sunshine elm	Ulmus propinqua 'JFS Bieberich' - 21	35'	25'	Yes	Upright and vase shaped	Medium green turning yellow	heat and drought tolerant. Native to China	No	beetle.
		RECOMMENDED STREET TREES FOR PLANTING IN 6' TO 8' PARKING STRIPS									
	Hiatus	State StreetTM Maple	Acer miyabei 'Morton'	45	30		Upright, oval	Dark green turning yellow	Native to Japan, endangered	No	
		European Hornbeam	Carpinus betulus	50	35		Oval to Round	Dark green to golden yellow	Holds leaves into winter	No	
		Hackberry	Celtis occidentalis - 22	40	30		Oval	Dark green turning yellow	**Metro Green Street Tree	No	
								Blue green turning yellow - sometimes with orange or apricot tones. More orange-red fall color on 'Rotfuchs' cultivar.	trees. Often sends up multiple leaders which requires thinning to produce good structure. Is sole species in its genus and the family Cercidiphyllaceae	No	Very drought sensitive.
		Katsura Tree	Cercidiphyllum japonicum - 23	40	35		Oval	Variable fall color from butter yellow to orange/red/maroon - sometimes all three on same tree. Interesting bark mosaic of green, white, brown with age.	Strong wood, drought tolerant. Does produce many competing branches that grow very thick so careful pruning required to space those out for good form. Few if any pests or diseases.	No	
		Persian Ironwood	Parrotia persica	35	20'	yes	Upright	Yellow to bright green, orange/yellow fall	White fragrant flower clusters	No	Strong wood, drought tolerant
		Yellowwood	Cladastris lutea - 24	40	35		Round	Deep green, bright fall color.		No	
		Pacific Dogwood	Cornus nutallii - 25	60	30		Broad upright	Purple with light pink border		Native	diseas
		Tricolor Beech	Fagus sylvatica 'Roseo-Marginata'	40	30		Broad Oval	Green gold to yellow	malodorous	No	
		Saratoga Ginko	Ginkgo biloba 'Saratoga'	30	30		Round	Medium green turning gold/yellow	Seedless clone	No	
		Autumn Gold Ginkgo	Ginkgo biloba "Autumn Gold"	45	35		Narrow broadening in age	Light green turning bright yellow		No	
		Princeton Sentry Ginkgo	Ginkgo biloba "Princeton Sentry"	40	15		Narrowly pyramidal	Dark green turning yellow		No	
		Shademaster Honeylocust	Gleditsia triacanthos 'Shademaster'	45	35		Vase	Medium green turning golden		No	
		Skyline Honeylocust	Gleditsia triacanthos 'Skyline'	50	30		Broad pyramidal	Green, yellow fall		No	
		Halka Honeylocust	Gleditsia triacanthos 'Christie'	55	40		Upright	Dark green	Evergreen leaves and flowers	No	
		Kobus Magnolia	Magnolia kobus - 26	40	30		Round	Purple red to red and orange	Pink flowers	No	
	Yes	Royal Burgandy Cherry	Prunus serrulata 'Royal Burgandy'	30	20		Vase	Glossy green, orange/red fall	White flowers	No	
	Remove	Rancho Pear	Pyrus calleryana 'Rancho'	35	30		Narrow upright	Glossy green turning scarlet	White flowers	No	
	Remove	Trinity Pear	Pyrus calleryana 'Trinity'	30	25		Broadly oval to round	Dark green turning yellow	White flowers	No	
		Scarlet Oak	Quercus coccinea	50	40		Broad Oval	Glossy deep green		No	
		Skymaster Oak	Quercus robur 'Pyramich'	50	25		Pyramidal	Medium green turning yellow		No	
		Forest Green Oak	Quercus frainetto 'Schmidt'	50	30		Upright w/ strong central leader	Dark green		No	
		Glenleven Linden	Tilia cordata 'Glenleven'	45	30		Pyramidal	Dark green, yellow fall		No	
		Greenspire Linden	Tilia cordata 'Greenspire'	40	30		Pyramidal, symmetrical	light green, yellow fall		No	
		Redmond Bigleaf Linden	Tillia americana x euchlora "Redmond"	35	25		Pyramidal	Small leaves		No	
		Rancho Linden	Tillia cordata 'Rancho'	40	30		Vigorous pyramidal		Resistant to Dutch elm disease and phloem necrosis but moderately susceptible to elm leaf beetles.	No	
		Frontier Elm	Ulmus 'Frontier'	40	30		Broadly oval	Glossy green, burgundy fall	Resistant to Dutch elm disease and phloem necrosis	No	dutch elm disease
		Accolade Elm	Ulmus japonica x wilsonia	70	60		Vase shaped w/ arching limbs	Glossy green, yellow fall		No	
		Triumph Elm	Ulmus 'Morton Glossy'	70	60		Upright oval to vase shaped	Glossy dark green, yellow fall		No	
		Green Vase Zelkova	Zelkova serrata 'Green Vase'	50	40		Vase shaped w/ upright arching limbs	Green, yellow fall		No	
		Halka Zelkova	Zelkova serrata 'Halka'	45	30		Vase	Medium green turning yellow	Cultivar	No	
		Village Green Zelkova	Zelkova serrata 'Village Green'	40	38		Vase to round	Deep green / rusty red fall	Not recommended for high wind areas	No	
		"WirelessTM" Zelkova"	Zelkova serrata 'Schmidtlow'	24	36		Broadly spreading vase	Medium green turning red	Cultivar	No	
		Musashino Zelkova	Zelkova serrata 'Musashino'	45	20		Very narrow upright vase	Medium green	Good for narrower street, clearance beneath canopy	No	
		Hardy rubber tree	Eucommia ulmoides	45-50'	40		Round	dark green, elm like leaves. No fall color.	Moderately drought tolerant, low maintenance, sap is stringy latex "rubbery"	No	
	Select good cultivars	Lacebark elm, Chinese elm	Ulmus parvifolia - 27	40	50		Upright, vase, rounded	Semi-evergreen in some cultivars, others can have good yellow, orange or red fall color.	Exfoliating bark, adaptable to varied conditions	No	Resistant to Dutch Elm disease, phloem necrosis and pollution,
	Add	Blue Spanish fir	Abies pinsapo 'Glauca' - 28	50-60'	20-30'		Pyramidal one young, then broadening	Glauca' has bluish gray foliage,	Pink pollen cones are attractive against blue foliage.	No	More drought tolerant than other true firs.

	Remove/Hiatus	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
	Add	Silverleaf oak	Quercus hypoleucoides - 29	30-65'	30-40'		Upright, becoming more rounded	Gray leaf tops, silvery undersides. Evergreen.	Acorns are good for wildlife.	No	Very drought and heat tolerant.
	Add	Canyon live oak	Quercus chrysolepis - 30	30-60'	30-40'		Rounded	Deep gray, evergreen.	Acorns are good for wildlife.	Native	Very drought and heat tolerant.
RECOMMENDED STREET TREES FOR PLANTING IN 8 ½' AND LARGER PARKING STRIPS											
Please Note: Species with a ** are from Metro's Illustrated Guide "Trees for Green Streets". They should be planted in an 8' or larger planter strip, or if in a tree well, at least 5' by 5' with removable pavers to make room for the tree as it grows.											
		Grand fir	Abies grandis	100	40		Upright, vertical, dense	Needles	Metro Green Street Tree**	Native	
	Hiatus	Sycamore Maple	Acer pseudoplatanus	60	50		Wide spread	Green turning yellow		No	invasive, as in the U.K.
	Hiatus	Wineleaf Sycamore Maple	Acer pseudoplatanus 'Spaithii'	30	50		Pyramidal	Dark green		No	
	Remove	Red Horsechestnut	Aesculus x carnea 'Briotii'	60	45		Round	Dark green turning yellow	Red flowers are excellent for hummingbirds	No	
		Globe Serviceberry	Amelanchier canadensis oblongifolia	60	40		Round	Green turning bright yellow red	White flowers	No	Not drought tolerant
									The most permanent of the birches. Recommend not planting more of these - bronze birch borer is killing them off, they break readily in snow and ice and don't repair or seal over well, hyperallergenic pollen, can attract aphids, drop catkins and branchlets all summer, and do not like the higher temps we are beginning to see and will see more of. Is becoming one of the poster trees for climate change victim.		Weak wood, not drought tolerant, susceptible to bronze birch borer.
	Remove	Canoe or Paper Birch	Betula papyrifera -31	50	35		Oval	Dark green, yellow fall		Native	
		Katsura Tree	Cercidiphyllum japonicum	40	35		Oval	Blue green turning yellow to scarlet		No	Drought sensitive.
	Remove	Red Bud	Cercis canadensis	20	25		Open spreading	Medium green turning yellow	Pink flowers	No	Not drought tolerant
		Deodar cedar	Cedrus deodara	80	60		Horizontal, dense		Metro Green Street Tree** Evergreen conifer.		
		Atlas cedar	Cedrus libani ssp. Atlantica	60	60		Broad, spreading with age	Green in the species, brilliant blue in 'Glauca'	Metro Green Street Tree** Evergreen conifer.	No	Drought tolerant
									Beech nuts attract wildlife. Elephant-like gray bark is easily damaged by the sun. Very shade tolerant. Fairly shallow roots. Casts dense shade - hard to grow anything beneath it.	No	strong wood
		Purple Rivers Beech	Fagus sylvatica 'Riversii'	60	40		Oval	Deep purple turning bronze	Shade tolerant. Casts dense shade. Not drought tolerant.	No	strong wood
		Tricolor Beech	Fagus slyvatica 'Roseo-Marginata'	40	30		Broad Oval	Purple with light pink border		No	strong wood
	Remove or hiatus	Flame Ash	Fraxinus oxycarpa 'Flame' - 32	35	30		Round	Green turning purple and red		No	vulnerable to Emerald Ash Borer (pest)
	Remove or hiatus	Urbanite Ash	Fraxinus pennsylvanica 'Urbanite'	50	40		Broad pyramidal	Lustrous green turning bronze	Seedless	No	vulnerable to Emerald Ash Borer (pest)
	Remove or hiatus	Summit Ash	Fraxinus pennsylvanica lanceolata	45	25		Pyramidal	Medium green turning yellow	Seedless	No	vulnerable to Emerald Ash Borer (pest)
	Move to smaller strip	Saratoga Ginkgo	Ginkgo biloba 'Saratoga' - 33	30	30		Round	Green gold to yellow	Fruitless, long-lived. Few pests or diseases. Tolerant of air pollution. Not much wildlife benefit.	No	resistant. Beware stinky fruit on female trees
	Add	Shangri La Ginkgo	Ginkgo biloba 'Shangri La - 33	55	40		Upright then oval, rounded	Green turning to yellow	Fruitless, long-lived. Few pests or diseases. Tolerant of air pollution. Not much wildlife benefit.	No	Drought tolerant once established
		Halka Honeylocust	Gledisia triacanthos 'Christie'	55	40		Upright	Green turning yellow	Podless (mostly) and thornless	No	drought tolerant
		Kentucky Coffee Tree	Gymnocladus dioicus	70	40		Open	Bipinnately compound leaves turn yellow	Espresso and True North cultivars are podless. Few pests or diseases.	No	strong wood, drought tolerant
		Dawn Redwood	Metasequoia glyptostroboides	70	25		Pyramidal to oval	Green turning orange to russet in fall	Deciduous conifer, looks like a redwood in summer	No	
		Black Tupelo	Nyssa sylvatica	40	20	Yes	Pyramidal when young, spreading w/ age	Dark green glossy, copper/red in fall	Inconspicuous flowers are good for pollinators and excellent for honey. Birds relish blue fruits.	No	
	Remove	Sourwood	Oxydendrum arboreum	50	25		Pyramidal	Green to brilliant scarlet	White flowers	No	
		Chinese scholar tree	Sophora japonica	50	40		Oval	Green, yellow in fall	Metro Green Street Tree**,	No	
	Hiatus	Yoshino Cherry	Prunus x yedoensis	30	30		Spreading	Green turning yellow	Pink or white flowers	No	due to sidewalk conflict issues
		London plane	Platanus x acerifolia - 34	100	65		Spreading	Green turning red in fall	Metro Green Street Tree**,	No	
		Scarlet Oak	Quercus coccinea	50	40		Broad oval	Glossy green turning scarlet		No	
		Bur Oak	Quercus macrocarpa	80	40		Horizontal, dense	Glossy green above and paler below	susceptible to disease and pests	No	
		Shumard Oak	Quercus shumardii	70	50		Horizontal, open	Glossy, dark green, turning brown to red in fall	Large acorns, tolerates drought and seasonal flooding	No	
		Swamp White Oak	Quercus bicolor	60	45		Vertical, dense	below.	some tolerance to drought and urban conditions	No	heat/drought tolerant
		Oregon White Oak	Quercus garryana	65	45		Vertical, dense	Dark green, round lobed turning brown	Excellent wildlife tree, Needs ample space, sunlight.	Native	drought tolerant, tough to transplant
		English Oak	Quercus robur	60	40		Vertical, dense	Dark green above, bluish green below,	prefers well-drained soil	No	
		Red Oak	Quercus rubra	70	50		Round	Green turning red	Prolific acorn crops. Seedlings sprout up quickly everywhere and grow fast - potential invasive.	No	
	Remove	Western red cedar	Thuja plicata- 35	100	60		Pyramidal	Persistent, green	Metro Green Street Tree**, Does not like direct sun	Native	
									Resembles American elm, Reportedly tolerant of Dutch elm disease, elm leaf miner and elm leaf beetle	No	
		Accolade Elm	Ulmus hybrids	60	40		Vase	Lustrous, smooth, dark green turning yellow	Resistant to DED.	No	
		Halka Zelkova	Zelkova serrata 'Halka'	45	30		Vase	Medium green turning yellow			
	Add	Burgundy Vase zelkova	Zelkova serrata 'Burgundy Vase'	60-75'	50-60'		Similar vase shape to Green Vase with better branch angles	Burgundy fall color	Improved canker resistance. Resistant to DED.	No	

Remove/Hiatus	COMMON NAME	SCIENTIFIC NAME	MATURE HEIGHT (ft)	CANOPY SPREAD (ft)	POWER LINE OK?	STRUCTURE	FOLIAGE	FLOWERS, FRUIT, OTHER SPECIAL INTEREST	OREGON NATIVE?	Notes
Add	Southern red oak, dagger oak	Quercus falcata - 36	60-80	40-60		Straight trunk, open-rounded crown	Reddish-brown in fall but not very showy.	Acorns feed wildlife. Bark dark and furrowed with age.	No	Moderately drought tolerant.
Add	Black oak	Quercus velutina - 37	50-65	50-60		Globe-shaped, spreading crown	Green turning gold, brown or red.	Dark bark. Acorns are excellent food for wildlife.	No	Drought tolerant, tough tree for poor soils.
Add	Cork oak	Quercus suber - 38	70-90	50-60		Tall and spreading	Grayish green.	Thick corky bark - the source of commercial cork.	No	Very drought tolerant.

OREGON NATIVE TREE SPECIES

Please Note: In general, native trees are NOT recommended as Street Trees within parking strips due to the large planting area required (at least 10' wide). There are some exceptions, which are listed above. Large native trees are appropriate behind the sidewalk in a yard or park area. The city encourages the planting of native plants and trees where appropriate. For further information, please refer to the following resources:

OSU Extension Service Landscape Plants website	http://oregonstate.edu/dept/ldplants/native-or.htm#native
Oregon City Native Plant List	http://www.orcity.org/sites/default/files/Native%20Plant%20List.pdf
Portland Plant List	http://www.portlandonline.com/auditor/index.cfm?&a=322280&c=34460
Metro Trees for Green Streets	Booklet (For Purchase) http://www.oregonmetro.gov/index.cfm/go/by.web/id=26337

OTHER LARGE TREES

Please Note: Many species of large trees are NOT recommended as Street Trees within parking strips due to the large planting area required (at least 10' wide) or because they have certain characteristics that make them unsuitable as street trees (e.g. intolerance of clay soils, dust, or weaker structure or wood). There are some exceptions, which are listed above. Large trees may be appropriate behind the sidewalk in a yard or park area. The city encourages the planting of large trees where appropriate. For further information, please refer to the following resources:

Portland Plant List	http://www.portlandonline.com/auditor/index.cfm?&a=322280&c=34460
Metro Trees for Green Streets	Booklet (For Purchase) http://www.oregonmetro.gov/index.cfm/go/by.web/id=26337

Create a soil bern 3-5 inches high around tree center after backfilling

MIN. 2" CALIPER
DECIDUOUS TREE

PLANT ROOT CROWN

4" UNSETTLED
BARK MULCH

SIDEWALK

8-FOOT 2" ROUND HARDWOOD TREE
STAKE, DRIVE INTO SOIL OUTSIDE OF
ROOT BALL. MINIMUM OF 2 STAKES,
1" CHAIN-LOCK TREE TIE.

~~24" DEEP COMMERCIALY ENGINEERED
ROOT BARRIER ALL SIDES (0.08" MIN.)
DEEPROOT UB 24-2 TREE ROOT
BARRIER OR APPROVED EQUAL.~~

~~INSTALL ROOT BARRIER 12"
FROM BACK OF CURB OR
IMPERVIOUS SURFACE~~

ROCK BASE FOR IMPERVIOUS
SURFACE

UNDISTURBED NATIVE SOIL

TWICE WIDTH OF
ROOT BALL

Root barrier flush
against sidewalk edge-
18" depth, min. 10'
length centered on
tree trunk

Root ball to rest on
pedestal of compacted
subgrade to prevent
settling

NOTES

1. EXCESS SOIL TO EXPOSE ROOT FLARE AND TO ENSURE TOP MOST ROOT IS NO MORE THAN 1-INCH BELOW ROOT BALL SURFACE. SEVER CIRCLING ROOTS WHERE APPROPRIATE. SET TOPMOST ROOT 2 INCHES ABOVE ADJACENT FINISHED GRADE. TRUNK FLARE SHALL BE VISIBLE.

2. CUT AND REMOVE WIRE BASKETS FROM SIDES OF ROOT BALL WITHOUT DEFORMING BALL. CUT OFF AND REMOVE BURLAP AND ROPE FROM TOP HALF OF ROOT BALL. COMPLETELY REMOVE SYNTHETIC ROPE AND NON-BIODEGRADABLE BURLAP.

3. TREES SHALL BE INSTALLED:

- A. 15' FROM STREET LIGHTS
- B. 5' FROM FIRE HYDRANTS
- C. 20' FROM INTERSECTIONS
- D. 5' FROM ALL PUBLIC UTILITIES (i.e. STORM, SEWER, AND WATERLINES, UTILITY METERS, ETC.)

4. Install root barrier flush against paving edge and set 1/2" above finish grade. Do not wrap panels around root ball or impede normal root growth

DRAWN JRF

ENGR. NJK

REV. DATE APPR.

1	12/19	DW
2	7/21	DW

City of Oregon City
Public Works Standard Drawings

STREET TREE PLANTING
IN PLANTER STRIP

SCALE N.T.S.

DATE APRIL 2012

APPR. NJK

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DRAWING NO. 530