



CITY OF OREGON CITY NATURAL RESOURCES COMMITTEE AGENDA

Virtual
Wednesday, July 14, 2021 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

Committee members have the opportunity to move items to New Business/Discussion Items from Communications if they are interested in discussion. The Committee may also add an item to the agenda with the consensus of the Committee.

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.

OLD BUSINESS

1. Draft Invasive Species List and Associated Flyer
2. Updating the Oregon City Street Tree List

COMMUNICATIONS

3. Heritage Tree Program Update
4. Update on Resolution No. 21-32, Authorizing the Use of Tree Mitigation Funding for the Tree Recovery Program in Response to the 2021 Winter Storm Damage

FUTURE AGENDA ITEMS

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 WFMC 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 **Agenda Date:** 07/14/2021
From: Community Development Director Laura Terway

SUBJECT:

Draft Invasive Species List and Associated Flyer

STAFF RECOMMENDATION:

Staff requests the NRC review of the draft Oregon City Invasive Species Plant Lists and draft Flyer provide necessary edits.

EXECUTIVE SUMMARY:

The Natural Resources Committee has an opportunity to draft an Invasive Species Plant List. A tentative list is enclosed for review and comment by NRC members. The project will also include the creation of an associated flyer to inform the community about the invasive species.

BACKGROUND:

Oregon City last updated our Native and Nuisance Plant Lists were last updated in 1999, but has not adopted an Invasive Species List. The Natural Resources Committee has an opportunity to draft an Invasive Species Plant List for adoption via Resolution with the City Commission. The project will also include the creation of an associated flyer to inform the community about the invasive species. After completion of the list, the associated flyer will be updated.

OPTIONS:

1. Discussion and direction to City staff

BUDGET IMPACT:

Amount: Unknown

FY(s):

Funding Source(s):

Invasive Plant List

July 7, 2021 Draft

Scientific Name	Common Name
<i>Ailanthus altissima</i>	Tree-of-heaven
<i>Alliaria officinalis</i>	Garlic Mustard
<i>Arum italicum</i>	Italian arum
<i>Bambusa sp</i>	Bamboo
<i>Brddleia davidii</i> (except cultivars and hybrids)	Butterfly bush
<i>Centaurea sp</i>	Knapweed
<i>Clematis vitalba</i>	Traveler's joy
<i>Conium maculatum</i>	Poison hemlock
<i>Crataegus sp</i> except native species	Hawthorn (non-native)
<i>Cytisus scoparius</i>	Scot's broom
<i>Daphne laureola</i>	Spurge laurel
<i>Geranium lucidum</i>	Shiny leaf geranium
<i>Geranium robertianum</i>	Herb Robert
<i>Geum urbanum</i>	European avens
<i>Hedera helix</i> and <i>H.hibernica</i>	English and Irish ivy
<i>Ilex aquafolium</i>	English Holly
<i>Impatiens glandulifera</i>	Policeman's helmet
<i>Impatiens capensis</i>	Jewelweed
<i>iris pseudacorus</i>	Yellow flag iris
<i>Ligustrum vulgare</i>	Privet
<i>Melissa officianalis</i>	Lemon balm
<i>Phalaris arundinacea</i>	Reed canary grass
<i>Phyto lacca americana</i>	Poke weed
<i>Polygonum sp</i>	Knotweed
<i>Prunus laruocerasus</i>	English Laurel
<i>Lamiaeum galeobdolon</i>	Yellow archangel
<i>Pueraria lobata</i>	Kudzu
<i>Ranunculus dicaria</i>	Lesser celandine
<i>Ranunculus repens</i>	Creeping buttercup
<i>Rubus discolor</i>	Himalayan blackberry
<i>Senecio jacobaea</i>	Tansy ragwort
<i>Vinca major</i> and <i>minor</i>	Periwinkle

INVASIVES!!

Item #1.

THEY'RE YOUR
RESPONSIBILITY



For information, go to:
solveoregon.org/invasive-plants



OREGON
CITY

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CITY OF OREGON CITY

Staff Report

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

To: Natural Resources Committee **Agenda Date:** 07/14/2021
From: Community Development Director Laura Terway

SUBJECT:

Updating the Oregon City Street Tree List

STAFF RECOMMENDATION:

Discussion and direction.

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:

Oregon City staff rely on the street tree list regularly to provide guidance to residents seeking to remove and replace street trees, and for development review for residential and commercial sites.

Per code section 12.08.015 –

Street tree selection, planting and maintenance requirements; ... Species and locations of trees shall be selected based upon vision clearance requirements, but shall in all cases be selected from the Oregon City Street Tree List, an approved street tree list for a jurisdiction in the Metropolitan region, or be approved by a certified arborist unless otherwise approved pursuant to this section.

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.

OPTIONS:

1. Discussion and direction to City staff

BUDGET IMPACT:

Amount: N/A

FY(s):

Funding Source(s):

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 x 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 X 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 yellow.	
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	Native
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	
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	Native
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**	
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	White 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		Fastigiata	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 Ginko	<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 ‘Spaithii’</i>	30	50		Pyramidal	Dark green		
Red Horsechestnut	<i>Aesculus x carnea ‘Briotii’</i>	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 ssp. Atlantica</i>	60	60				Metro Green Street Tree**	
Purple Rivers Beech	<i>Fagus sylvatica ‘Riversii’</i>	60	40		Oval	Deep purple turning bronze		
Tricolor Beech	<i>Fagus slyvatica ‘Roseo-Marginata’</i>	40	30		Broad Oval	Purple with light pink border		
Flame Ash	<i>Fraxinus oxycarpa ‘Flame’</i>	35	30		Round	Green turning purple and red		
Urbanite Ash	<i>Fraxinus pennsylvanica ‘Urbanite’</i>	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 ‘Saratoga’</i>	30	30		Round	Green gold to yellow		
Halka Honeylocust	<i>Gledisia triacanthos ‘Christie’</i>	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**, Pink or white flowers	
Yoshino Cherry	<i>Prunus x yedoensis</i>	30	30		Spreading	Green turning yellow	Metro Green Street Tree**, Pink or white flowers	
London plane	<i>Platanus × acerifolia</i>	100	65		Spreading	Green turning red in fall		
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 ‘Halka’</i>	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>

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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?
	RECOMMENDED STREET TREES FOR 2.5' TO 3' PLANTING STRIP								
	Dogwood	<i>Cornus mas</i>	15	20	Yes	upright rounded to upright spreading	medium to dark green		
	Dogwood	<i>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	scarlet	Small clusters with raspberry like fruit, blooms later than most	
	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	
	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;	
	Tschesnoskii Crabapple	<i>Malus tschesnoskii</i>	30	15'	yes	Upright	white flowers followed by crabapples, lovely fall foliage	flowers, fruit, fall foliage	
	Bigleaf Snowbell Tree	<i>Styrax obassia</i>	35	25'	Yes	young, rounded with age.	dark green above, pubescent beneath	Flowers white, fragrant	
	Blireiana Plum	<i>Prunus x blireiana</i>	20	20'	Yes	often has large bumps.	first purple but fade to green	Blooms early spring, Flowers pink, fragrant. Fruit purplish red	
	Chinese Fringetree	<i>Chionanthus reusus</i>	20	25'	yes	Upright, oval	fragrant white "fringe-like" flowers	white fluffy flowers at branch tips	
	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 Blue Drupe.	
	Crape Myrtle	<i>Lagerstroemia cultivars</i>	20	20'	Yes	Oval, Rounded, Umbrella or Vase	Dark green, usually with a slight gloss.	Summer.	
Hiatus	Amur Maple	<i>Acer ginnala</i>	20	20	Yes	Round	Medium green turning orange to scarlet red	Bright red, winged fruit	
Hiatus	Hedge Maple	<i>Acer campestre</i>	35	30	Yes	Round to oval	Dark green turning yellow	Corky bark that is striking in winter	
Hiatus	Japanese Maple	<i>Acer palmatum</i>	25	25	Yes	Upright, low branching	Green, yellow or red turning scarlet, orange or yellow		
Hiatus	Paperbark Maple	<i>Acer griseum</i>	25	20	Yes	Narrow to rounded	red	thin strips	
Hiatus	Roughbark Maple	<i>Acer triflorum</i>	25	20'	Yes	Oval	dark green, becoming yellow, orange and/or scarlet in fall;	Flower yellow.	
Hiatus	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.	stamens	
	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	appearance	Yellow fall color	JF Schmidt small varietal	

Remove/Hiatus	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								
Hiatus	Trident Maple	<i>Acer buergeranum</i>	25	20	Yes	Oval to Round	Glossy green turning yellow orange red	Exfoliating bark, adaptable to varied conditions	
Hiatus	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
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	
Hiatus	Maple	"schmidt"	25	15	Yes	Oval	Dark green turning bright red	Requires well drained soil	
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	Japanese Maple	<i>Acer palmatum</i>	25	25	Yes	Upright, low branching	Green, yellow or red turning scarlet, orange or yellow	Many varieties including dwarf species	
Hiatus	Roughbark Maple	<i>Acer triflorum</i>	25	20	Yes	Dense and rounded	Dark green, becoming yellow, orange and/or scarlet in fall		
	Pyramidal Serviceberry	<i>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
	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	"Crimson Cloud"	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 poor conditions	
	Goldenrain Tree	<i>Koelreuteria paniculata</i>	30	20		Round, Open	Green turning yellow	Yellow flowers in summer, brown persistent fruits, tolerant of poor conditions	
	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>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>							

Remove/Hiatus	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								
Hiatus	Maple	<i>Elizabeth</i>	35	30	Yes	Upright, Oval	Dark green turning yellow		
Hiatus	Maple	'Schmidt'	25	15		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	
	Hornbeam	"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>Fontaine</i>	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	
	Cascara chitum	<i>Frangula purshiana</i>	30	25	yes	Upright	green turn yellow	black berries ok for humans but not tasty, good for wildlife	
	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 "Saratoga"</i>	30	30	Yes	Round	Greenish gold turning yellow	Avoid female plants, fruit is extremely messy and malodorous	
	Chitalpa	<i>xChitalpa tashkentensis</i>	30	30	Yes	Upright	pale pink flowers	tough and drought tolerant	
	Amur Maackia	<i>Maackia amurensis</i>	30	25'	yes		golden fall color	small white flower clusters, lovely fall color	
	Autumn Gold Ginkgo	<i>Gold</i>	45	35		Narrow broadening in age	Medium green turning gold/yellow	Seedless clone	
	Princeton Sentry Ginkgo	<i>Sentry</i>	40	15		Narrowly pyramidal	Light green turning bright yellow		
	Osage organge	<i>Maclura pomifera</i>	30	35	yes	oval	fruitless/thornless varieties, leaves turn orange in the fall	heat and drought tolerant once established	
	American Hornbeam	<i>Ostrya virginiana</i>	35	25		Oval	Medium green turning yellow	Male catkins visible in winter, greenish white nutlets	
	Columnar Sargent Cherry	'Columnaris'	35	15		Columnar	Green turning orange red	Deep pink flowers	
	Pink Flair Cherry	<i>Prunus sargentii 'JFSKW58'</i>	25	15		Narrow / Upright	Bright orange, red fall	pink clusters, blooms later (avoids frost), upright symmetry gives winter appeal	
Remove	Capital Pear	<i>Pyrus calleryana 'Capital'</i>	35	12		Columnar	Medium green turning reddish purple	White flowers in clusters, good for narrow spaces	
Remove	Chanticleer Pear	<i>Form</i>	40	15		Pyramidal	Glossy green turning orange red	White flowers in clusters, good for narrow spaces	
Remove	Select	<i>Select</i>	40	15		Upright, pyramidal	Glossy, dark green turning wine red to scarlet	White cluster flowers, early bloomer	
	Skyrocket Oak	<i>Quercus robur 'Fastigiata'</i>	45	15		Fastigate	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 'Chancole'</i>	45	20		Pyramidal, upright	Dark green turning yellow	Yellow fragrant flowers attractive to bees	
	"WirelessTM" Zelkova	'Schmidtlow'	24	36	Yes	Broadly spreading vase	Medium green turning red		
	Mushshino Zelkova	"Musashino"	45	20		Very narrow upright vase	Medium green	ideal for narrow street, good canopy clearance	

Remove/Hiatus	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									
Hiatus	State Street™ Maple	<i>Acer miyabei</i> 'Morton'	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		
	Persian Ironwood	<i>Parrotia persica</i>	35	20'	yes	Upright	orange/red fall colors, interesting bark mosaic of green, white, brown	lovely fall color and mosaic colored bark	
	Bitter Cherry	<i>Prunus emarginata</i>	30	20'		Broad Oval		fragrant flowers, fruit for wildlife	
	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>Marginata</i>	40	30		Broad Oval	Purple with light pink border		
	Saratoga Ginkgo	<i>Ginkgo biloba</i> 'Saratoga'	30	30		Round	Green gold to yellow	Avoid female plants, fruit is extremely messy and malodorous	
	Autumn Gold Ginkgo	<i>Gold</i>	45	35		Narrow broadening in age	Medium green turning gold/yellow	Seedless clone	
	Princeton Sentry Ginkgo	<i>Sentry</i>	40	15		Narrowly pyramidal	Light green turning bright yellow		
	Shademaster Honeylocust	<i>'Shademaster'</i>	45	35		Vase	Dark green turning yellow		
	Skyline Honeylocust	<i>'Skyline'</i>	50	30		Broad pyramidal	Medium green turning golden		
	Halka Honeylocust	<i>'Christie'</i>	55	40		Upright	Green, yellow fall		
	Kobus Magnolia	<i>Magnolia kobus</i>	40	30		Round	Dark green	Evergreen leaves and flowers	
Yes	Royal Burgandy Cherry	<i>Burgandy</i>	30	20		Vase	Purple red to red and orange	Pink flowers	
Yes	Rancho Pear	<i>Pyrus calleryana</i> 'Rancho'	35	30		Narrow upright		White flowers	
Yes	Trinity Pear	<i>Pyrus calleryana</i> 'Trinity'	30	25		Broadly oval to round	Glossy green, orange/red fall	White flowers	
	Scarlet Oak	<i>Quercus coccinea</i>	50	40		Broad Oval	Glossy green turning scarlet		
	Skymaster Oak	<i>Quercus robur</i> 'Pyramich'	50	25		Pyramidal	Dark green turning yellow		
	Forest Green Oak	<i>Quercus frainetto</i> 'Schmidt'	50	30		Upright w/ strong central leader	Glossy deep green		
	Glenleven Linden	<i>Tilia cordata</i> 'Glenleven'	45	30		Pyramidal	Medium green turning yellow		
	Greenspire Linden	<i>Tilia cordata</i> 'Greenspire'	40	30		Pyramidal, symmetrical	Dark green, yellow fall		
	Redmond Bigleaf Linden	<i>'Redmond'</i>	35	25		Pyramidal	light green, yellow fall		
	Rancho Linden	<i>Tilia cordata</i> 'Rancho'	40	30		Vigorous pyramidal	Small leaves		
	Frontier Elm	<i>Ulmus</i> 'Frontier'	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</i> 'Morton Glossy'	70	60		Upright oval to vase shaped	Glossy dark green, yellow fall		
	Green Vase Zelkova	<i>Vase</i>	50	40		Vase shaped w/ upright arching limbs	Green, yellow fall		
	Halka Zelkova	<i>Zelkova serrata</i> 'Halka'	45	30		Vase	Medium green turning yellow	Cultivar	
	Village Green Zelkova	<i>Green</i>	40	38		Vase to round	Deep green / rusty red fall	Not recommended for high wind areas	
	"Wireless™" Zelkova"	<i>'Schmidtlow'</i>	24	36		Broadly spreading vase	Medium green turning red	Cultivar	
	Musashino Zelkova	<i>Zelkova serrata</i> 'Musashino'	45	20		Very narrow upright vase	Medium green	Good for narrower street, clearance beneath 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?
RECOMMENDED STREET TREES FOR PLANTING IN 8 ½' AND LARGER PARKING STRIPS									
<i>a ** are from Metro's</i>									
	Grand fir	<i>Abies grandis</i>	100	40		Upright, vertical, dense	Needles	Metro Green Street Tree**	Native
Hiatus	Sycamore Maple	<i>Acer pseudoplatanus</i>	60	50		Wide spread	Green turning yellow		
Hiatus	Wineleaf Sycamore Maple	<i>'Spaithii'</i>	30	50		Pyramidal	Dark green		
Remove	Red Horsechestnut	<i>Aesculus x carnea 'Briotii'</i>	60	45		Round	Dark green turning yellow	Red flowers	
	Globe Serviceberry	<i>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 ssp. Atlantica</i>	60	60				Metro Green Street Tree**	
	Purple Rivers Beech	<i>Fagus sylvatica 'Riversii'</i>	60	40		Oval	Deep purple turning bronze		
	Tricolor Beech	<i>'Marginata'</i>	40	30		Broad Oval	Purple with light pink border		
	Flame Ash	<i>Fraxinus oxycarpa 'Flame'</i>	35	30		Round	Green turning purple and red		
	Urbanite Ash	<i>'Urbanite'</i>	50	40		Broad pyramidal	Lustrous green turning bronze		
	Summit Ash	<i>lanceolata</i>	45	25		Pyramidal	Medium green turning yellow		
	Saratoga Ginko	<i>Ginko biloba 'Saratoga'</i>	30	30		Round	Green gold to yellow		
	Halka Honeylocust	<i>'Christie'</i>	55	40		Upright	Green turning yellow		
	Kentucky Coffee Tree	<i>Gymnocladus dioicus</i>	70	40		Open	Green		
	Dawn Redwood	<i>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	age	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 x 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 to disease and pests	
	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	below.	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-drained soil	
	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	disease, elm leaf miner and elm leaf beetle	
	Halka Zelkova	<i>Zelkova serrata 'Halka'</i>	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:

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 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 Stree 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:

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CITY OF OREGON CITY

Staff Report

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

To: Natural Resources Committee **Agenda Date:** 07/14/2021
From: Community Development Director Laura Terway

SUBJECT:

Heritage Tree Program Update

STAFF RECOMMENDATION:

No action is needed by the NRC

EXECUTIVE SUMMARY:

Staff will provide an update on the recent Heritage Tree approvals by the City Commission.

BACKGROUND:

Chapter 12.32 of the Oregon City Municipal Code - Heritage Trees and Stands includes a voluntary process for the nomination of heritage trees on public and private property in Oregon City. Heritage trees are those trees that because of their age, species, natural resource value, ecological or historical association, are of special importance to the city.

The City recently approved the following:

- Camperdown Elm (Acer glabrum) Heritage Tree at Mountain View Cemetery on 5/5/2021
- Camperdown Elm (Acer glabrum) Heritage Tree at 415 Dewey on 5/5/2021
- A Heritage Stand at Park Place Park on 03/03/2021

Staff also anticipates providing an update to the NRC on the status of the proposed heritage tree stands in Thimble Creek Concept Plan. Additional information about the Heritage Trees may be found at <https://www.orcity.org/planning/heritage-trees-and-groves>.

OPTIONS:

1. N/A

BUDGET IMPACT:

Amount: N/A

FY(s):

Funding Source(s):



CITY OF OREGON CITY

Staff Report

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

To: Natural Resources Committee **Agenda Date:** 07/14/2021
From: Community Development Director Laura Terway

SUBJECT:

Update on Resolution No. 21-32, Authorizing the Use of Tree Mitigation Funding for the Tree Recovery Program in Response to the 2021 Winter Storm Damage

STAFF RECOMMENDATION:

No recommendation. Staff will update the NRC on the Tree Recovery Program.

EXECUTIVE SUMMARY:

The damage from the February 2021 ice storm was extensive, resulting in widespread tree loss throughout Oregon City. The City's goal is to work toward restoring our lost tree canopy and supporting our existing canopy through a Tree Recovery Program. The City recognizes the burden that the ice storm and COVID-19 has placed on the community and directed \$200,000 towards tree recovery throughout our community.

On July 7, 2021, the City Commission will review Resolution 21-32 authorizing the waiver of code compliance requirements and the spending associated with the Tree Recovery Program, a summary of the Tree Recovery Program, and draft content for our public outreach efforts. The program also includes waiving the vast majority of tree removal code compliance for trees removed between February and October 2021 as a result of ice storm damage. The NRC will receive an update on the City Commission's actions at their July 7th meeting.

BACKGROUND:

The damage from the February 2021 ice storm was extensive, resulting in widespread tree loss throughout Oregon City. The City's goal is to work toward restoring our lost tree canopy and supporting the existing canopy through a Tree Recovery Program. The City recognized the burden that the ice storm and COVID-19 placed on the community and directs \$200,000 towards tree recovery throughout our community. On July 7, 2021, the City Commission will review Resolution 21-32 authorizing the waiver of code compliance requirements and the spending associated with the Tree Recovery Program, a summary of the Tree Recovery Program, and draft content for our public

outreach efforts. The program also includes waiving the vast majority of tree removal code compliance for trees removed between February and October 2021 as a result of ice storm damage.

TREE REPLANTING AND PRESERVATION EFFORTS

Planting up to 415 trees in the right of way and in front yards through our typical tree planting program. Trees planted on private property would not require recording a covenant. Anticipated price: \$145,000

Replacement of approximately 35 trees along main corridors in tree wells and medians. Including removal and stump grinding of dead trees. Anticipated price combining tree funds with public works funds: \$30,000

Pruning/Community tree workshops. Community tree workshop/Ask the Expert event for the community to ask questions, sign up for a tree, fulfill permitting requirements, and learn about tree species selection. The pruning would be on smaller trees (less than 8 years old or 6" in caliper) and would be done from the ground. Anticipated price for two workshops: \$15,000

Arborist advice and consultations for trees greater than 18" in diameter. The City will hire arborists to provide tree assessments on a first come, first served basis. Anticipated price: \$15,500

Tree vouchers for property owners who face replacement requirements – see code compliance section. Anticipated price: \$2,500

Tree Inventory. The Natural Resources Committee (NRC) will initiate a coordinated effort for a city wide, crowd-sourced tree inventory. Anticipated price: \$2,000

Water bill insert and Trail News insert to advertise program. Anticipated price: \$5,000

Update of street tree species list (currently being implemented by the Natural Resources Committee) Anticipated price: \$0

The overall budget for this project is \$215,000, \$200,000 from the tree mitigation fund and \$15,000 of additional funding from Public Works for the tree well tree replacement work.

TREE CODE COMPLIANCE

Resolution 21-32 waives code compliance for a majority of the trees that came down due to the ice storm between February 11, 2021 and October 31, 2021. The resolution includes the following:

Waiver of requirements for tree permitting and replacement for trees that failed or were removed due to the ice storm, provided the trees were not subject to review for compliance with an overlay district.

Waiving the fees and streamlining the process for trees subject to an overlay district review. Simplify replacement requirements and create a single application form for all property owners to fill out.

Waiving the requirements and process set forth in Resolution 20-33 for ice-storm damaged trees already removed, which identifies additional permitting, notification, and other requirements for removal of significant trees by a City Department. Resolution 20-33 is also waived for trees removed due to ice storm damage within Waterboard Park, Singer Creek Park, and the Mountain View Cemetery until December 31, 2021. Public notice of these tree removals will be posted on a City webpage and a written summary of the tree removal will be provided to the City Commission.

Attachments for this item include a resolution authorizing the waiver of code compliance requirements and the spending associated with the Tree Recovery Program, a summary of the Tree Recovery Program, and draft content for our public outreach efforts, the first of which is a utility bill insert.

OPTIONS:

1. N/A

BUDGET IMPACT:

Amount: \$215,000

FY(s): 2021-2022 and 2022-2023

Funding Source(s): \$200,000 Tree Mitigation Fund / \$15,000 Public Works Street Fund

RESOLUTION NO. 21-32

A RESOLUTION AUTHORIZING THE USE OF TREE MITIGATION FUNDING FOR A TREE RECOVERY PROGRAM AND AMENDING TREE CODE COMPLIANCE FOR TREES LOST TO THE FEBRUARY 2021 WINTER STORM

WHEREAS, a severe weather event occurred in the City of Oregon City on Friday and Saturday February 12-13, 2021, consisting of a major winter storm that brought significant snow and icefall to the City; and

WHEREAS, the damage from the winter storm was extensive, resulting in widespread tree loss throughout Oregon City; and

WHEREAS, City Commission recognizes the burden that the ice storm and COVID-19 has placed on the community; and

WHEREAS, the City has adopted authority governing the exercise of emergency powers in Chapter 2.52 of the Oregon City Municipal Code (OCMC) pursuant to the authority granted by the City Charter and ORS Chapter 401; and

WHEREAS, the City is obligated to meet the Statewide planning program requirements related to the Natural Resource Overlay District, the Willamette River Greenway District, and Geologic Hazard Overlay District; and

WHEREAS, the City has a tree mitigation fund that is dedicated to improving the tree canopy throughout the City; and

WHEREAS, the City adopted a policy for removal of significant trees by the City through Resolution No. 20-33.

NOW, THEREFORE, THE CITY OF OREGON CITY RESOLVES AS FOLLOWS:

Section 1. The City waives requirements for tree code compliance for trees that failed or were removed due to the ice storm between February 11, 2021 and October 31, 2021 due to ice storm damage, provided the trees were not subject to review for compliance with an overlay district per Attachment A.

Section 2. For trees removed due to the ice storm within overlay districts between February 11, 2021 and October 31, 2021, the code compliance process is streamlined and simplified, and permit fees are waived per Attachment A.

Section 3. For significant trees removed by a city department due to the ice storm within overlay districts between February 11, 2021 and July 7, 2021, the City waives requirements of Resolution No. 20-33. Resolution No. 20-33 is also waived for trees removed due to ice storm damage within Waterboard Park, Singer Creek Park, and the Mountain View Cemetery until December 31, 2021. Public notice of these tree removals will be posted on a City webpage and a written summary of the tree removal will be provided to the City Commission per Attachment A.

Section 4. The City dedicates \$200,000 of tree mitigation funding to a Tree Recovery Program, which includes the planting of up to 450 trees, tree maintenance and education, and tree risk assessment services per Attachment A.

Section 5. This resolution is effective immediately upon its adoption.

Approved and adopted at a meeting of the City Commission held on the 7th day of July 2021.

RACHEL LYLES SMITH,
Mayor

Attested to this 7th day of July 2021:

Approved as to legal sufficiency:

Kattie Riggs, City Recorder

City Attorney

Attachment A: Tree Recovery Program, Restoring Tree Canopy Damage from the 2021 Ice Storm



Tree Recovery Program

Restoring Tree Canopy Damage from the 2021 Ice Storm

Program Summary: Implemented over the 2021-2023 Biennium

TREE REPLANTING AND PRESERVATION EFFORTS

- Planting. Planting up to 415 trees in the right of way and in front yards through our typical tree planting program. Trees would be planted primarily within the public right-of-way, within the front yard of private properties (without a covenant), or on City property. Trees will be allocated on a first come basis, with those who self-reported trees to the City first in line. Additional spaces will be considered if the program is unable to utilize the trees allocated. Anticipated price: \$145,000
- Planting in Tree Wells. Replacement of approximately 35 trees along main corridors in tree wells and medians. Including removal and stump grinding of dead trees. Anticipated price: \$15,000 from the tree mitigation fund and \$15,000 from Public Works
- Pruning Event and/or Ask the Expert/Community Tree Workshops. Community tree workshop/Ask the Expert event for the community to ask questions, sign up for a tree, fulfill permitting requirements, and learn about tree species selection. The pruning would be on smaller trees (less than 8 years old or 6" in caliper) and would be done from the ground. Anticipated price for two workshops: \$15,000
- Arborists. Arborist advice and consultations for trees greater than 18" in diameter. The City will hire arborists to provide tree assessments on a first come, first served basis. Anticipated price: \$15,500
- Tree Vouchers. Tree vouchers for property owners who face replacement requirements due to a tree failure or removal within an overlay district. The City would provide vouchers for appropriate tree species with a minimum size of 0.5" caliper. Anticipated price: \$2,500
- Tree Inventory. The Natural Resources Committee (NRC) will initiate a coordinated effort for a city wide, crowd-sourced tree inventory. Staff from Oregon Community Trees and the Oregon Department of Forestry – Urban and Community Forest program would provide technical support. The City's GIS staff would create a program which allows NRC members and the community at large to take pictures of trees and answer a series of questions to allow a collection of data about the City's existing tree canopy. The data could include tree locations, species, size, as well as the location of dead and dying trees. The City could potentially work with Clackamas Community College for additional assistance. Some funding could be dedicated to advertisement, or it could be paired with other programs such as the tree giveaway. Anticipated price: \$2,000.
- Advertisement of Program. Water bill insert and Trail News insert to advertise program. Anticipated price: \$5,000

The overall budget for this project is \$215,000, with \$200,000 from the tree mitigation fund and \$15,000 from Public Works for the tree well tree replacement work.

OTHER EFFORTS

The following efforts may be grant-funded or coordinated internally with partners such as Metro, Clackamas Community College, the Natural Resources Committee, Watershed Councils, etc. Details of each are TBD.

- Ivy removal efforts in parks and city-owned property
- Update of street tree species list (currently being implemented by the Natural Resources Committee)

TREE CODE COMPLIANCE

Resolution 21-32 waives code compliance for trees that came down due to the ice storm through October 31, 2021 pursuant to declaration of emergency for ice storm. The resolution includes the following:

- Waiver of requirements for tree permitting and replacement for trees that failed or were removed due to the ice storm, provided the trees were not subject to review for compliance with an overlay district. Trees must have been removed between February 11, 2021 and October 31, 2021 due to ice storm damage.
- Waiving the fees and streamlining the process for trees subject to an overlay district review. Simplify replacement requirements and create a single application form for all property owners to fill out. The number of replacement trees is identified in the table below.

Streamlined Overlay Zone Tree Replacement Requirements

Description of Tree Removed	Number of Trees to be Replanted (native species only)
Tree removed in NROD, Geologic Hazard, or Historic Overlay	One ½" caliper tree per tree removed
Tree removed in Willamette River Greenway compatibility area (within 150 feet of Ordinary High Water line)	1" caliper for every 6" DBH
Tree removed in the floodplain or in the Willamette River Greenway but outside of the compatibility area	None

Trees located in multiple overlapping overlays would utilize the NROD or WRG replanting requirements only.

Each application will be posted online, rather than be subject to the notification processes identified in the code, and application fees will be waived. The City reserves the right to require full mitigation per code in extreme or hazardous circumstances where severe environmental damage, erosion or slope stability is a concern. If there is insufficient space to replant trees onsite, staff could direct the extra plantings (or funding therefore) to city property or parks.

- Streamlining the requirements and process of removal of trees on City property set forth in Resolution 20-33, which identified additional permitting, notification, and other requirements for City removal of significant trees. Numerous trees in City-owned properties fell or became hazardous and had to be removed after the storm. Though the replacement for these trees is waived except for overlay zones as described above, the policy requires consideration of alternatives to removal, additional permitting and notification, as well as City Commission review for large trees, reuse of wood as feasible, and changes to some mitigation plantings. Staff has inventoried the trees removed to the extent practicable. Resolution 20-33 is waived between February 11 and July 7, 2021 for trees that fell or had to be removed. Resolution 20-33 is also waived for trees removed due to ice storm damage within Waterboard Park, Singer Creek Park, and the Mountain View Cemetery until December 31, 2021. Public notice of these tree removals will be posted on a City webpage and a written summary of the tree removal will be provided to the City Commission. Tree replacement will be done in overlay zones as set forth in the table above.

CONTENT FOR UTILITY BILL INSERT

This information will be formatted and edited for a utility bill insert in July 2021

The damage from the February 2021 ice storm was extensive, resulting in widespread tree loss throughout Oregon City. Oregon City's goal is to work toward restoring our lost tree canopy through a Tree Recovery Program. The City Commission recognizes the burden that the ice storm and COVID-19 has placed on the community and has directed \$200,000 towards tree recovery throughout our community.

If you lost street or non-residential trees due to ice storm

If you lost trees due to the ice storm, the Commission is waiving most formal street tree and non-residential tree removal permits through October 30, 2021. By submitting your information through [this online form](http://bit.ly/OCtreewaiver) <http://bit.ly/OCtreewaiver> before October 30, the City will add you to a list of properties where street tree removal permits are not required. The waiver will apply to trees that came down or had to be removed due to ice storm damage between February and October 2021.

There are a small number of exceptions where the City is not able to waive tree permits and replacement requirements. Trees in overlay zones (i.e. environmental overlays) will be required to be replaced. However, the City Commission intends to make the process as streamlined as possible and to help property owners find and pay for new trees. If a tree you have submitted needs replacement, staff will follow up over the summer. The streamlined replacement process will also be posted on the City's webpage <http://bit.ly/OCtreewaiver>.

The City will continue to sponsor tree planting efforts throughout our community, and those who submitted their information online will be first in line for a replacement street tree or front yard tree.

If you would like to replant trees on your own, be sure to consult our [street tree species list and placement requirements](https://www.orcity.org/planning/how-remove-and-replace-public-street-tree) <https://www.orcity.org/planning/how-remove-and-replace-public-street-tree>, or, for trees in your yard, the [Arbor Day Foundation has a helpful guide](https://bit.ly/3w3lQGF) <https://bit.ly/3w3lQGF> for tree species selection and planting. We recommend planting October through April, and not during the summer.

If you have damaged trees due to ice storm

If your tree(s) is still standing and you need arborist advice, the City may be able to assist you. Please email trees@orcify.org or calling 503-722-3789 if you would like to request a risk assessment for your tree to find out if it is likely to survive and not become a safety hazard. Note that pruning or removal services are not being offered, this is for assessment only.

If you submitted information about a tree on city property, and it has not yet been addressed, please email Public Works Operations Manager Vance Walker at vwalker@orcify.org

Tree care and pruning informational videos can be found on the [Arbor Day Foundation website](#).

RESOLUTION NO. 20-33

A RESOLUTION ADOPTING A POLICY FOR ADDITIONAL PERMITTING, NOTIFICATION AND OTHER REQUIREMENTS FOR REMOVAL OF SIGNIFICANT CITY TREES

WHEREAS, the City recognizes the importance of preserving significant trees located on City property or within the public right-of-way; and

WHEREAS, the City has regulations in the Oregon City Municipal Code regarding tree removal; and

WHEREAS, the City does not have an internal policy with the process for considering if significant trees should be removed; and

WHEREAS, the City does not have a process for public notification for the removal of large trees; and

WHEREAS, the City does not have a process for reuse of large timber; and

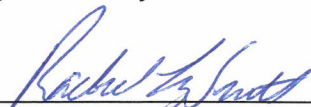
WHEREAS, the proposed Policy for Additional Permitting, Notification, and Other Requirements for Staff Removal of Significant City Trees clearly articulates an internal process for removal of significant trees which includes public notification, and other requirements important to the City Commission.

NOW, THEREFORE, OREGON CITY RESOLVES AS FOLLOWS:

Section 1. The Oregon City Commission hereby adopts Exhibit A, Policy for Additional Permitting, Notification, and Other Requirements for Staff Removal of Significant City Trees.

Section 2. This resolution shall become effective 30-day after adoption in order to allow sufficient time to alter the City's website to effectuate notice as set forth in the Policy.

Approved and adopted at a regular meeting of the City Commission held on the 4th day of November 2020.



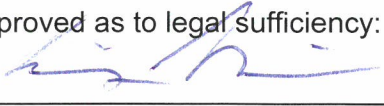
RACHEL LYLES SMITH,
Commission President

Attested to this 4th Day of November 2020



Kattie Riggs, City Recorder

Approved as to legal sufficiency:



City Attorney

Exhibits:

- A. Policy for Additional Permitting, Notification, and Other Requirements for Staff Removal of Significant City Trees



ADDITIONAL PERMITTING, NOTIFICATION AND OTHER REQUIREMENTS FOR STAFF REMOVAL OF SIGNIFICANT CITY TREES

The purpose of this policy is to reduce unnecessary tree removal by the City and provide public notification and other best practices when such removal occurs.

Step 1. Determine Applicability of the Policy

This policy applies to City removal of trees:

- On City or Urban Renewal owned property; or
- Within the right-of-way.

The process does not apply to the public removal of City trees, such as street trees.

The following policy is limited to trees which meet or exceed the minimum size in the table below. The policy does not apply for trees which do not meet these minimum size thresholds.

Common Name	Species	Minimum Size (d.b.h)*
Oregon White Oak	Quercus garryana	8"
Fir	Pseudotsuga menziesii	18"
Western Red Cedar	Thuja plicata	12"
Ponderosa Pine	Pinus ponderosa	12"
Western Yew	Taxus brevifolia	6"
Douglas Pacific Dogwood	Cornus nuttallii	5"
Coastal Redwood	Sequoia sempervirens	12"
Giant Sequoia	Sequoiadendron giganteum	12"
Pacific Madrone	Arbutus menziesii	5"
Other deciduous tree species		20"
Other evergreen trees		18"

**d.b.h = Diameter at breast height, means a measurement of the trunk or stem diameter of a mature tree at a height four and one-half feet above the ground level at the base of the tree.*

Step 2. Exemptions

Trees which meet any of the following situations are exempt from the policy:

1. Trees within habitat restoration areas. The habitat restoration project must have been approved by the Planning Division through the appropriate land use process.
2. Trees within or abutting water quality facilities.
3. Trees which are on the [Oregon City Nuisance Plant List](#) or otherwise classified as invasive or problem species in the region¹.

¹ Includes official noxious weed priority list as designated by the Oregon State Weed Board (OSWB) or the Clackamas Soil and Water Conservation District WeedWise Program.

4. **Imminent Hazard Trees.** Imminent hazard trees, as defined in OCMC 17.04.1370 may be removed without notification before a permit is obtained due to the necessity to respond to the hazard and restore public safety as soon as possible. Examples include if the tree has fallen across the roadway or if it is leaning significantly due to a heavy windstorm and likely to fall within the next 72 hours, or when a tree is damaged by a vehicle collision. A determination of imminent hazard is made in the field by the City of Oregon City Public Works, or emergency personnel, a forester, or a certified arborist. Permits shall be obtained after the imminent hazard has been removed and any applicable replacement requirements shall be followed. The responding personnel shall provide details of the tree species, size and condition to the extent practicable. Photos and documentation of the hazardous conditions shall be provided with the permit application for tree removal to verify the tree was hazardous, but arborist reports would not be required.

17.04.1370 - Tree, imminent hazard.

"Imminent hazard tree" means a hazardous tree as defined in OCMC 12.32.020, all or more than thirty percent of which has already fallen or is estimated to fall within seventy-two hours into the public right-of-way or onto a target that cannot be protected, restricted, moved, or removed.

Step 3. Consideration of Alternatives to Removal

The department most responsible for the tree shall document the tree location, size, and species (if known), the reason for removal, and alternatives considered in a written justification memo. The memo will be reviewed by a department manager, who will send the memo to a third party (an arborist or a staff assessment team) for review. All trees over 40 inches d.b.h must be reviewed by a certified arborist. For trees 40 inches d.b.h or smaller, the department may choose to send the justification memo to either:

- **Option #1: A Certified Arborist**
A certified arborist will analyze each tree proposed for removal and document the findings in a written report. The report will contain an analysis of alternatives to removal including a rough estimate of approximate general cost and practicality of each alternative.
- **Option #2: Staff Assessment**
A group of staff including a minimum of two people from Public Works and Parks and one person from Planning who will analyze each tree proposed for removal and document the findings in a written conclusion memo. Staff with experience or an educational background in forestry or tree management is preferred. The memo must be authored by a staff member not in the department responsible for the tree and will contain an analysis of alternatives to removal including a rough estimate of approximate general cost and practicality of each alternative.

Step 4. Submit a Permit for Removal of a Public Tree

A permit is generally always required to assure adequate mitigation for any tree the City is going to remove. However, if the tree meets the specifications of this policy, additional public notice will be required. The purpose of the notice is to inform the public of the proposal and direct them to a city website where they may review the application, arborist report or internal conclusion memo, and contact the applicant with any questions or concerns. Permits for public tree removal will not be issued until the notice period is complete.

Step 5. Notice of Tree Removal

Upon receipt of a permit application in Step 4, the Planning Division will administer the following notices:

- **Website Notice**
Notice of all proposed removal of heritage eligible trees will be posted to a city website. The public as well as the City Commission, PRAC, NRC, CIC, Neighborhood Associations, etc. will have the ability to subscribe to the website to receive notifications each time a new posting occurs. The website notice will include copies of the permit application form, the arborist report (if applicable), and the internal panel memo.
- **Physical Notice**
A physical notice is also required to be posted on the tree proposed for removal for a minimum of 14 calendar days. This period is intended to provide an opportunity for the public to contact the applicant with questions and comments about the proposed tree removal. Notices shall be provided by the Planning Division on 8.5 X 11 laminated paper with the words "NOTICE OF PROPOSED TREE REMOVAL" in bold, 48-point font and the website where the public may download the permits, arborist reports and associated documentation. Notices shall be tied to the tree with twine or wire. No screws or nails shall be used. The notice will be created by the Planning Division, but will be placed and monitored by the department proposing removal.

If there remain unresolved questions or concerns regarding the proposed tree removal after the public notice, the removal shall be referred to the City Manager for further review. The City Manager may decide to move forward with the tree removal or cease the tree removal process.

City Commission Approval for City Owned Trees Over 40 inches D.B.H

Trees greater than 40" d.b.h. shall be placed on a City Commission consent agenda and notification will be sent to the Natural Resources Committee, Parks and Recreation Committee, and the Transportation Advisory Committee. The City Commission may decide to move forward with the tree removal or cease the tree removal process.

Additional Requirements

The following shall also apply.

- **Reuse of the Wood for City-Owned Trees 25 Inches or Greater**
Trees proposed for removal which are subject to this policy, free from infestation, and 25 inches d.b.h. or greater, shall be repurposed for use by the City and/or public if feasible. Depending on the quality of the wood, it may be utilized for environmental enhancement, furniture or crafts. The Natural Resources Committee recommends that in natural areas and next to streams, leaving large woody debris in place may help to improve fish and wildlife habitat, and that the use of wood for firewood should be allowed only if the wood cannot be repurposed any other way (e.g. cottonwood).
- **Large Tree Mitigation.**
Trees proposed for removal that are 50 inches or greater d.b.h. shall be mitigated with tree plantings within the city limits. No fee-in-lieu is allowed.
- **Establishment of an Annual Budget for Supporting Fund**
The policy above includes provisions which will have unfunded financial impacts to the City. A fund dedicated to arborist reports, supporting tree retention with use of alternatives to tree

removal (such as meandering a sidewalk) and putting the wood of a removed tree to use will be established for the Parks and Recreation Department as well as Public Works.