



CITY OF WOODINVILLE

TREE BOARD PACKET

September 28, 2016

*CITY-HALL COUNCIL CHAMBERS
17301 133RD AVENUE NE
WOODINVILLE, WASHINGTON 98072*



CITY OF WOODINVILLE
REVISED TREE BOARD AGENDA
REGULAR MEETING WEDNESDAY, SEPTEMBER 28, 2016 5:30 PM



♦ Thomas L Quigley ♦ Jorge Meza ♦ Michael Munniks ♦ Ron Smith ♦ Stephanie Young

5:30 **CALL TO ORDER**

5:31 **ROLL CALL**

5:32 **APPROVE AGENDA IN CONTENT & ORDER**

5:33 **PUBLIC COMMENTS**

BUSINESS AND DISCUSSION ITEMS

5:38 **1. Draft Tree Board Minutes – June 22, 2016**

5:40 **2. Study Session – Education and Outreach Materials**

6:25 **PUBLIC COMMENTS**

6:30 **ADJOURNMENT**

(Note: The agenda may be rearranged or changed at the beginning of the meeting, with a consensus of Tree Board members present.)

Issue Date: September 21, 2016

Staff Contact: Amanda Almgren, Associate Planner

Faxed to: News Media
E-mailed to: Tree Board
Publish: Not published
Post: 1) In-House, 2) Post Office, 3) Outdoor Display & 4) Website

CITY OF WOODINVILLE, CITY COUNCIL CHAMBERS
17301 133RD AVE. NE, WOODINVILLE, WA 98072

NEXT REGULAR MEETING OCTOBER 26, 2016, 5:30 PM

AGENDA ITEM 1



City of Woodinville, Washington

TREE BOARD REGULAR MEETING MINUTES OF JUNE 22, 2016

Woodinville City Hall City Council Chambers, 17301 133rd Avenue NE, Woodinville, WA

<u>CALL TO ORDER</u>	The regular meeting for the Woodinville Tree Board was called to order at 5:34 p.m. by Chairman Quigley.
<u>ROLL CALL</u>	<p><u>Tree Board Present:</u> Thomas Quigley, Michael Munniks, Ron Smith, and Stephanie Young</p> <p><u>City Staff Present:</u> Amanda Almgren, Associate Planner</p>
<u>APPROVAL OF AGENDA ORDER AND CONTENT</u>	Motion to add two items to approve agenda order as proposed.
<u>PUBLIC COMMENTS</u>	None.
<u>BUSINESS AND DISCUSSION ITEMS</u>	
<i>Approval of March 23, 2016 Regular Tree Board Minutes</i>	<p>1. <u>Approval of March 23, 2016 Tree Board Minutes</u></p> <p>MAIN MOTION: to approve the regular meeting minutes of March 23, 2016, as presented.</p> <p>Motion by: Board Member Smith Second by: Board Member Young Action for the Main Motion: PASSED 4 - 0</p> <p>Vote: Ayes: 4. Nays: 0. Abstain: 0.</p>
<p><i>Discussion and Review of Arbor Day 2016 Events</i></p> <p><i>Discussion and Review of the Education and Outreach Materials</i></p>	<p>2. <u>Study Session – Arbor Day 2016 Debrief</u> Arbor Day 2016 was celebrated in Woodinville on Sunday, April 24, 2016 from 1-4pm at Wilmot Gateway Park. Overall the event was successful except for the inclement weather and resulting low attendance. The activities and information were good. The Tree Board Members suggested getting a booth at Celebrate Woodinville, as an opportunity to reach a much larger number of residence. In the future, the board would like to move the annual Arbor Day Celebration to a time of year with more predictable weather.</p> <p>3. <u>Study Session – Education and Outreach Materials</u> Tree Board Members discussed some ideas for new education and outreach materials to provide to residents and contractors. In addition to updating handout materials and the website, there was the idea of providing residents with information about the replacement value of trees,</p>

<p><i>Discussion and Review of the Tree Removal Permit Application Process</i></p> <p><i>Discussion of the Budget Priorities</i></p> <p><i>Motion to continue meeting to 6:40pm</i></p>	<p>including carbon sequestration, shade, and stormwater functions and education about the lifecycle of trees, thinking about them as an investment on a property. As part of this discussion, members considered some of the reasons trees are cut down and how this outreach program could help in the future.</p> <p><u>4. Study Session – Tree Removal Permit Application Process</u> Board Member Young requested a study session on the process to remove trees from private properties in the City. Board members discussed the process and suggested that staff add information to the Tree Removal application for how to find a basic site map using King County Parcel Viewer.</p> <p><u>5. Study Session – Budget Priorities</u> The City has organized a meeting for the City Council, Planning Commission and various Boards and Commissions to discuss the budgeting process and priorities as the City begins work on the next biannual budget. All members of the Tree Board are welcome to attend on July 16, 2016. Members of the board were encouraged to discuss budget priorities ahead of time. The Tree Board’s priority was having money in the budget for outreach and education. The Board, also, expressed interest in understanding how projects could get funded from the City Tree Fund.</p> <p><u>6. Motion to Continue Meeting ten minutes past the posted time to 6:40.</u></p> <p>MAIN MOTION: to continue the Tree Board Meeting past the posted time of 6:30 pm by ten minutes.</p> <p>Motion by: Board Member Munniks Second by: Board Member Smith Action for the Main Motion: PASSED 4 - 0</p> <p>Vote: Ayes: 4. Nayes: 0. Abstain: 0.</p>
<p><u>PUBLIC COMMENTS</u></p>	<p>None.</p>
<p><u>ADJOURNMENT</u></p>	<p>Chairman Quigley called the meeting adjourned. The meeting was adjourned at 6:40 p.m.</p>

Respectfully Submitted,

**Sandy Guinn,
Sr. Administrative Assistant**

AGENDA ITEM 2



CITY OF WOODINVILLE, WA
REPORT TO THE TREE BOARD
17301 133rd Avenue NE, Woodinville, WA 98072
WWW.CI.WOODINVILLE.WA.US

To: Tree Board **Date:** September 28, 2016
From: Dave Kuhl, Development Services Director
By: Amanda Almgren, Associate Planner *AA*
Subject: Education and Outreach Materials

ISSUE: Shall the Tree Board review and develop education and outreach materials?

STAFF RECOMMENDATION: Discuss and provide direction.

POLICY DECISION: The Tree Board provides an advisory role to the City Council on matters of trees and urban forestry.

BACKGROUND:

One of the Tree Board's primary responsibilities is the review and development of educational materials to be distributed to developers and citizens. The materials the City current has available are outdated and not user friendly. As the updated Tree and Landscaping Codes are scheduled for adoption, it is a good time to review the materials the City has available and update them. Additionally, in support of the Low Impact Development Code update, the City has asked OTAK to draft a list of ROW trees and plants for bio-retention facilities. These documents have been provided for your review.

DISCUSSION:

1. Review the draft tree and plant lists provided by OTAK.
2. What types of materials should the City provide for developers?
3. What types of materials should the City provide for citizens?

RECOMMENDED ACTION:

DISCUSS AND MAKE RECOMMENDATIONS FOR EDUCATION AND OUTREACH MATERIALS.

Attachment A: ROW Tree List

Attachment B: Bio-retention Facilities Plant List

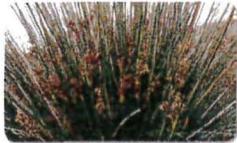
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	Scientific Name Common Name	Zone			Native	Sun Exposure			Mature Size		Plant Strip Width	Fall Color	Bloom Time & Color	Characteristics
		1	2	3		Sun	Partial	Shade	Height	Spread				
TREES SUITABLE FOR RIGHT-OF-WAY PLANTING														
	<i>Acer buergeranum</i> Trident Maple		2	3					20'-25'	20'-25'	5'			Round crown with glossy green leaves; low and spreading growth; stake and prune to make tree branch high
	<i>Acer campestre</i> Hedge Maple		2	3					30'	30'	5'			Dense, rounded crown; many cultivars of similar growth; grows well in the Pacific Northwest
	<i>Acer circinatum</i> Vine Maple		2	3					30'	30'	5'			Small, nearly symmetrical tree; multiple trunks
	<i>Acer freemanii</i> 'Autumn Blaze' Autumn Blaze Maple		2	3					50'	40'	6'			Fast-growing; dense, oval crown; excellent autumn colors
	<i>Acer grandidentum</i> var. 'Schmidt' Rocky Mountain Glow Maple		2	3					20'-25'	15'	5'		Spring	Very hardy tree; tolerant of most soil conditions; oval crown
	<i>Acer ginnala</i> Amur Maple		2	3					25'	25'	5'			Showy, red-twigged seeds in the summer months
	<i>Acer miyabei</i> var. 'Morton' State Street Maple		2	3					40'	30'	6'			Fast-growing; attractive autumn color
	<i>Acer palmatum</i> Japanese Maple		2	3					20'	20'	5'			Fast-growing; the most delicate of maple trees; many braches; young spring foliage is red, turning to green in the summer; fall colors vary

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TREES SUITABLE FOR RIGHT-OF-WAY PLANTING													
 Carpinus japonica Japanese Hornbeam		2	3					20'-30'	20'-30'	5'			Graceful form and attractive foliage; low maintenance; mostly disease resistant; STREET TREE
 Cercis canadensis Eastern Redbud		2	3					25'-35'	25'-35'	5'		Spring 	The fastest growing redbud; horizontally tiered branches; needs adequately drained soils
 Cornus florida Flowering Dogwood		2	3					up to 40'	up to 40'	6'		Mid-Spring 	Has a tendency to branch low, through mature trees grow to have a beautiful rounded or flat crown
 Cornus florida x nuttallii Eddie's White Wonder Dogwood		2	3					30'	20'	5'		Mid-Spring 	Clusters of tiny flowers in mid-spring
 Cornus mas Cornelian Cherry Dogwood		2	3					15'-20'	15'-20'	5'		Late Winter 	The earliest dogwood to bloom; gray and tan bark provides winter interest
 Cornus rutgersensis var. 'Aurora' Aurora Stellar Dogwood		2	3					20'	25'-30'	5'		Spring-Summer 	Disease resistant hybrid of C. florida and C. kousa; single trunked; beautiful autumn color
 Cornus rutgersensis var. 'Celestial' Celestial Stellar Dogwood		2	3					20'	25'-30'	5'		Spring-Summer 	Disease resistant hybrid of C. florida and C. kousa; single trunked; beautiful autumn color
 Cornus rutgersensis var. 'Stellar Pink' Stellar Pink Dogwood		2	3					20'	25'-30'	5'		Spring-Summer 	Disease resistant hybrid of C. florida and C. kousa; single trunked; beautiful autumn color

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TREES SUITABLE FOR RIGHT-OF-WAY PLANTING													
 <i>Ginkgo biloba</i> 'var. Autumn Gold' Autumn Gold Ginkgo		2	3					35'-50'	15'-20'	6'			Pollution and heat tolerant; pyramidal in shape; autumn leaves fall to form a beautiful groundcover blanket
 <i>Hamamelis mollis</i> Chinses Witch Hazel		2	3					30'	30'	5'		Winter 	Round, dark green leaves; fragrant winter flowers
 <i>Koelreuteria paniculata</i> Goldenrain Tree		2	3					20'-35'	25'-40'	5'		Mid-Summer 	Tolerant of urban conditions; open branches provide shade; spring leaves are purple, maturing to green in the summer; STREET TREE
 <i>Magnolia 'Galaxy'</i> Galaxy Magnolia		2	3					25'	25'	5'		Spring 	Fast-growing; conical shape; showy flowers
 <i>Nyssa sylvatica</i> Tupelo		2	3					30'-50'	15'-25'	6'			Crooked branches with a reddish bark; produces excellent shade; tolerant of poor draining soils
 <i>Oxydendrum arboretum</i> Sourwood		2	3					15'-30'	20'	5'		Summer 	Pyramidal shape; fragrant summer flowers; requires well-drained soils
 <i>Parrotia persica</i> Persian Parrotia		2	3					15'-30'	20'	5'		Early Spring 	Smooth gray bark with white patches; colorful tree year-round
 <i>Prunus cerasifera</i> var. 'Krauter Vesuvius' Cherry Plum		2	3					20'	20'	5'		Spring 	Dense, upright crown; blooms best and retains purple-leaved color in full sun; tolerant of moist, well-drained soils

Image	Scientific Name Common Name	Zone			Native	Sun Exposure			Mature Size		Plant Strip Width	Fall Color	Bloom Time & Color	Characteristics
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TREES SUITABLE FOR RIGHT-OF-WAY PLANTING														
	<i>Sorbus americana</i> var. 'Dwarfcrowm' Red Cascade Mountain Ash		2	3					16'	8'	5'		Spring	<i>Very hardy and tolerant of wet soils; compact growth; orange red fruits</i>
	<i>Sorbus aucuparis</i> var. 'Mitchred' Cardinal Royal Mountain Ash		2	3					20'-40'	15'-25'	5'		Spring 	<i>Dense oval-to-round crown</i>
	<i>Sorbus x hybridia</i> Oakleaf Royal Mountain Ash		2	3					20'-30'	20'-30'	5'		Spring 	<i>Blue-green foliage</i>
	<i>Styrax japonicus</i> Japanese Snowbell		2						30'	30'	5'		Spring 	<i>Slender trunk; strong horizontal branches; beautiful flowers warrant it being planted in a highly-visited area</i>
	<i>Styrax obassia</i> Fragrant Snowbell		2						20'-30'	25'	5'		Spring 	<i>Oval-to-round crown; flowers in drooping clusters</i>
	<i>Tillia cordata</i> var. 'Chancole' Chancelor Linden		2						30'-50'	15'-30'	6'		Late Spring 	<i>Very tolerant of urban conditions; excellent shade tree when given room to grow</i>
	<i>Tillia cordata</i> var. 'Degroot' Degroot Littleleaf Linden		2						30'-50'	15'-30'	5'		Late Spring 	<i>Very tolerant of urban conditions; excellent shade tree when given room to grow</i>
	<i>Ulmus parvifolia</i> var. 'Emer I' Athena Classic Elm		2						35'	50'	5'			<i>Fast-growing; long, weeping branches; excellent street tree or screening tree</i>

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SEDGES AND RUSHES													
	Carex obnupta Slough sedge	1	2						12" - 36"	up to 48"		Late Spring	Spreads quickly; excellent soil binder
	Carex oshimensis 'Evergold' Variegated Japanese Sedge		2	3					12" - 24"	24" - 36"		Late Spring - Early Summer	Variegated leaves with white band; great for planting along sidewalk edges
	Carex stipata Sawbeak Sedge								24"-36"	24"-36"		Spring	Spreads quickly; long, tapered foliage
	Juncus acuminatus Taper-tipped Rush	1							6" - 18"	12" - 24"		Spring - Summer	Red-brown flowers; delicate
	Juncus ensifolius Dagger-lead Rush	1							6" - 15"	6" - 9"		Summer	Pom-pom like flowers; adds interest to landscape
	Juncus tenuis Slender Rush	1	2						6" - 20"	6" - 30"		Late Spring - Late Summer	Bright green foliage
	Scirpus acutus Hardstem Bulrush	1	2						10'	6'		Summer	Gray-green to dark green foliage; dense
	Scirpus microcarpus Small-fruited Bulrush	1							24" - 36"	12" - 24"		Summer	Spreads quickly; excellent soil binder

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ORNAMENTAL PLANTS													
	<i>Dicentra formosa</i> Pacific Bleeding Heart		2	3					12"	24"		Spring 	<i>Delicate foliage; distinct spring-time flowers</i>
	<i>Deschampsia cespitosa</i> Tufted hair grass		2	3					6" - 12"	24"		Spring 	<i>Stunning grassy foliage with creamy white variegation that turns pink in winter; spring-time inflorescence can make plant 4'-tall</i>
	<i>Fragaria chiloensis</i> Beach Strawberry		2	3					10"	36"		Summer 	<i>Forms a lush, compact groundcover; cut back in the early spring to prompt new growth and prevent stem build-up; ornamental berries</i>
	<i>Fragaria vesca</i> Alpine Strawberry		2	3					10"	36"			<i>Bears tiny, fragrant (and edible) berries in the summer months; attracts butterflies; likes some afternoon shade</i>
	<i>Festuca glauca</i> Blue fescue			3					12"	12"		Summer 	<i>Dense plant; blue-gray, silvery foliage; excellent when planted alongside sidewalks or used as a groundcover</i>
	<i>Hemerocallis</i> Daylily		2	2					24"-48"	24"		Spring-Summer 	<i>Attracts pollinators; flower color dependent on cultivar (pink, red, orange, purple, yellow)</i>
	<i>Heuchera</i> Alumroot		2	3					24"-36"	18"		Spring-Summer 	<i>Many cultivars available; distinct foliage and flower colors of chartreuse, white, and scarlet</i>
	<i>Iris douglasiana</i> BLUE FESCUE	1	2	3					24"	24"		Early Spring 	<i>Clumping foliage; beautiful purple flowers are nice color addition to planting scheme</i>

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ORNAMENTAL PLANTS													
	<i>Sedum spathulifolium</i> 'Cape Blanco' Pacific Stonecrop			3					4"-6"	8"-12"		Spring-Summer 	Spoon-shaped blue-green foliage; trailing stems; excellent as a groundcover
	<i>Sidalcea hendersonii</i> Henderson's Checker-mallow	1							36"-48"	24"-36"		Summer 	Fast-growing
	<i>Smilacina racemosa</i> Solomon's Plume		2	3					12"-36"	12"-36"		Spring 	Creamy spring-time blossoms are followed by yellow-green berries that turn to red; attracts birds; fragrant flowers
	<i>Solidago canadensis</i> Goldenrod		2	3					36"	24"		Late Summer 	Small bright-yellow flowers make a lively addition to any planting scheme; narrow lance-shaped leaves
	<i>Tellima grandiflora</i> Fringecup		2	3					12"	12"		Spring 	Foliage maintains appearance throughout the winter
	<i>Tiarella trifoliata</i> Western Foamflower		2	3					12"	12"		Summer 	Dense; foliage maintains appearance throughout the winter
	<i>Trillium ovatum</i> Western Trillium		2	3					18"	12"		Spring 	Unique flower to add to any planting scheme
	<i>Vancouveria hexandra</i> Duck's Foot		2	3					12"	12"-36"		Spring 	Foliage maintains appearance throughout the winter

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SMALL-TO-MEDIUM SHRUBS													
	<i>Philadelphus lewisii</i> Mock-Orange		2	3					5'-10'	5'-10'		Summer 	Fountain-shaped plant; aromatic flowers
	<i>Physocarpus capitatus</i> Pacific Ninebark		2	3					5'-10'	5'-10'		Late Spring 	Dense clusters of flowers; plants resemble spirea; rejuvenate old plantings by cutting to ground
	<i>Physocarpus opulifolius</i> Common Ninebark		2	3					5'-10'	3'-6'		Late Spring 	Dense clusters of flowers; plants resemble spirea; rejuvenate old plantings by cutting to ground
	<i>Pinus mugo-mugo</i> Dwarf Mugo Pine			3					4'	5'		Late Spring	Low-growing; performs well, but variable in growing habit; great as an anchor plant
	<i>Rhododendron</i> Rhododendron		2	3					10' (varies)	10' (varies)		Spring-Summer (varies)	Many cultivars that vary in bloomtime, size, and color; leathery leafed with stunning flowers
	<i>Ribes sanguineum</i> Red-Flowering Currant		2	3					5'-12'	10'		Spring 	Produces drooping clusters of flowers
	<i>Rosa gymnocarpa</i> Baldhip Rose		2	3					5'	1'-2'		Spring-Summer 	Fast-growing to 3'; slender; small rose with delicate stems and flowers; stems are bristled
	<i>Rosa pisocarpa</i> Swamp Rose	1	2	3					10'	3'-6'		Spring - Fall 	Unique among roses given its preference for wet, almost swampy conditions; stems have thorns

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LARGE SHRUBS AND TREES														
	<i>Acer circinatum</i> Vine Maple		2	3					30'	30'	5'		Spring 	<i>Small, nearly symmetrical tree; multiple trunks</i>
	<i>Alnus rubra</i> Red Alder	1	2	3					45'-50'	20'-30'	6'			<i>Attractive light gray bark; dark green leaves with rust-colored underside; most common alder of the Pacific Northwest</i>
	<i>Betula jacquemontii</i> Himalayan Birch		2	3					40'-60'	30'				<i>Fast-growing to 40'; stunning white bark</i>
	<i>Betula nigra</i> River Birch		2	3					50'-90'	40'-60'				<i>Young bark has a pink-tint; older bark peels and curls in attractive cinnamon-colored sheets; the most trouble free birch tree</i>
	<i>Betula papyrifera</i> Paper Birch		2	3					50'-60'	25'	6'			<i>Attractive, creamy-white bark</i>
	<i>Betula pendula</i> European White Birch		2	3					30'-40'	15'-20'				<i>Upright branches; mature bark is white with black striations; glossy green leaves</i>
	<i>Cornus mas</i> Cornelian Cherry			3					20'	20'	5'		Spring 	<i>Highly adaptable to environment</i>
	<i>Corylus cornuta</i> Beaked Hazlenut		2	3					20'	10'	5'			<i>Vase-like shape; needs adequate space to grow; catkins add winter interest</i>

