



PARB

Milwaukie Park and Recreation Board, 10722 SE Main Street, Milwaukie, OR 97222

Chair: Lisa Gunion-Rinker

Vice Chair: Lisa Lashbrook

Members: Lynn Sharp, Erin Willett Holcomb, Ben Johnson, Linda Blue; Andrew Craig

Staff Liaison: Mitch Nieman

AGENDA: September 22, 2015 | 7:30 - 9:00 a.m. | Milwaukie City Hall

1. Welcome & Introductions (Lisa GR) 7:30 a.m.
2. Review & Approve July 2015 Minutes (All) 7:40 a.m.
3. Tree City USA/Tree Ordinance Update (Lynn/Mitch) 7:45 a.m.
4. Riverfront Task Force Interim Tree Planting Update (Mitch) 8:10 a.m.
5. Formation of Park Foundation - 501c(3) (Lisa GR) 8:30 a.m.
6. Member News/Reports 8:55 a.m.
7. Adjourn 9:00 a.m.

City of Milwaukie
Milwaukie Park and Recreation Board (PARB)
MEETING MINUTES
City Hall Conference Room
July 28, 2015

Members Present: Lisa Gunion-Rinker (Chair), Lisa Lashbrook (Vice Chair), Lynn Sharp (Treasurer), Erin Willett Holcomb (Secretary)

Staff/Visitors: Mitch Nieman (City Staff Liaison), Jeroen Kok (NCPRD Liaison), and Amy Aschenbrenner (City Staff)

1) Welcome and Introductions

Chair Gunion-Rinker called the meeting to order.

2) Review & Approve June 2015 Minutes

Chair Gunion-Rinker found a few typos in the June minutes, but said the content was fine. **Mr. Nieman** said he would fix the typos. **Secretary Holcomb** motioned to approve the June 2015 minutes, **Vice Chair Lisa Lashbrook** seconded. Motion passed unanimously.

3) August 4 Joint City Council Meeting – Parks Goal

Mr. Nieman read the City Council’s goal related to parks: “Complete neighborhood parks and develop stronger strategy for maintenance of existing parks.” He commented that could be two separate goals: “complete neighborhood parks” and “develop a stronger strategy for maintenance of existing parks”. He discussed what “complete neighborhood parks” might mean in relation to funds and in relation to NCPRD. Mr. Nieman also discussed what “maintenance” details might include for the different parks. **Mr. Nieman** wrote bullet points and key words on a large notepad throughout the following conversations.

Chair Gunion-Rinker said that “Friends” groups could be created, and there was likely a strong pull for that type of organization. She explained how people could get involved by showing up and helping mulch, plant plants, and more, and that it would be very effective and helpful.

Vice Chair Lisa Lashbrook brought up the “Adopt a Street” program and mentioned how those could be located near parks. She was not sure if it would be best to have one “Friends of Parks” group that would go throughout the city, or have multiple groups linked to the neighborhoods.

Treasurer Sharp said the NDAs were pretty diverse, and suggested having one Friends group. She also added that meetup.com could be utilized.

The group discussed if the Friends group should be NDA-based or be a singular group city-wide. They also talked about getting different groups involved such as Boy Scouts, Bob’s Red Mill, etc.

Vice Chair Lisa Lashbrook talked about her experience with Friends groups.

Mr. Nieman talked about his experience with the City’s Earth Day event and how people wanted to help, they just needed to be plugged in the right groups.

Chair Gunion-Rinker explained the importance of having leaders for each group.

The group decided to have one Friends group in charge of all the parks, and underneath the large

group to have the “Adopt-A-Park” people for help and support.

The group discussed manners to guide and oversee volunteers.

Chair Gunion-Rinker explained how the Friends group that she is involved in walks the park area, plans the year out accordingly, creates the work list for what happens when, has a specific goal in mind for the year, and works toward that goal.

Vice Chair Lisa Lashbrook asked if a Friends group decided to do things such as plant trees, to what extent did they need to have permission from NCPRD.

Mr. Kok explained that a Friends group would likely have the appropriate knowledge regarding how to handle similar situations. Not only would they need to get the “okay” from NCPRD, but they would also plan resources and partnerships. Mr. Kok said that NCPRD would want to know details such as the tree species, how it would get maintained, etc.

Mr. Nieman discussed enhanced NCPRD and City communication; he explained the City (including himself) had been meeting with NCPRD regularly and thought it was a good strategy to do check-ins and delve into task items.

Secretary Holcomb asked if the enhanced communication came from a specific issue.

Mr. Nieman replied that no, they were not reacting to a particular issue, just wanted to improve the communication. He also talked about the importance of communication and education about signs, issues, etc.

Chair Gunion-Rinker added that having a Friends group to plan out projects a year in advance would greatly help create projects and work with NCPRD to anticipate what would come up during the year.

Mr. Nieman talked about the importance of being proactive instead of reactive.

The group discussed funding and how a Friends group could help.

Mr. Kok talked about both capital funding and how to take care of maintenance. He suggested a possibility to have a subcommittee of PARB to focus on the challenges and opportunities of funding. He added that funding likely would involve the voters, and that it was just a matter of when and how.

Mr. Nieman commented that there were not many grants available for maintenance, and that funding would have to be figured out; work could be done with Council, voters, etc.

Mr. Kok said that given the current budget, it would be hard to take on the maintenance of four new parks. Lowering maintenance standards was an option or choice that could be made. An analysis could be done of how they were currently maintaining parks, including where savings could be found and funds spread elsewhere.

Mr. Kok added that in a debrief meeting with the Board of County Commissioners, the board was not supportive of an effort to go out to the voters anytime. It was a matter of working with the District Advisory Board to evaluate when and if to go back to the voters. NCPRD was trying to organize a retreat with the Advisory Board in the fall to talk about a strategy going forward, because it was impossible to go forward with their current funds. Mr. Kok explained that costs kept going up but funding was not.

The group talked about the need to be clear to voters about how if they vote in favor, they would get more parks, facilities, etc.

The group talked about if the vote was to come up during the November 2016 election cycle, voter turnout, and other groups that would likely be vying for funding at the same time.

Treasurer Sharp asked if there could be a get-together with PARB, NCPRD maintenance folks, and City

staff to have a brainstorming session.

Mr. Kok said he would chat with Kevin, the supervisor with NCPRD, and get details about what was happening maintenance-wise at each location. Mr. Kok would then share the information with PARB, and they could look at where there might be potential savings.

Secretary Holcomb said it was good to hear other voices as well, and suggested opening the channel of communication to the community. It could be in the form of “let us know” communication; what could be done to help improve parks. She asked what could be done to open up the channel for people that did not know to come to PARB to voice their questions and/or concerns.

Mr. Kok said they could come up with some signage with a phone number or website listed.

The group talked about how input received from the public could be reviewed, organized, and utilized to see what was important for each of the parks. The group also discussed the importance of education and open communication with the public.

Mr. Kok talked about the importance of being careful with what you ask for; noting that people will want responses and actions. He just wanted to make sure PARB kept that in mind.

The group discussed the importance of getting a consensus of goals and priorities with Council. They talked about leaving the August 4th meeting with a solid priority list from Council.

The large notepad that **Mr. Nieman** wrote during the previous conversation:

Maintenance (goal):

- 1) Creation of Friends Groups
- 2) Adopt-A-Park
 - Work with NDA
 - Work with Businesses
 - Church Groups
 - Service Organizations
- 3) NCPRD/City Communication
 - Monthly-Weekly
- 4) NCPRD Maintenance Analysis
 - PARB Recommendation
- 5) Community Relations
 - Priorities

The group discussed the next part of the Council goal, the completion of new parks. Phase III of the Riverfront Park was quoted at \$10 Million.

The Group talked about Riverfront Phase III and the pros and cons of the feasibility and the completion of the park. Pros: attraction, unique, connectivity to farmers market and trolley trail, great venue for all of Milwaukie to use. Cons: expensive, money could be spent elsewhere, a lot of neighborhood parks could be created using that amount of money, etc. The group decided it would be helpful to have Council decide on either the completion of Phase III or the building of more neighborhood parks. While there was different funding for each, it would still be a choice for where to allocate funds and resources.

Mr. Kok said PARB did not need to walk away with a decision with a priority, but that it was important to get the conversation going.

Secretary Holcomb added that if Council gave the directive, then that would be the project with which PARB moved forward.

The group talked about finding different sources of funding with grants, and which park may be more likely to get funding.

Mr. Kok had a list of available grants, and would show PARB by next week.

The group talked about which of the four parks to go with first. They talked about which ones were more expensive, which might have more funding available, and what was best for the community. They also thought it would be good to ask Council which park they would like to go with first.

The large notepad that **Mr. Nieman** wrote during the previous conversation:

Construct Parks:

- 1) Prioritization
—Created by PARB/council
- 2) NCPRD competitive Assessment of viability/constructability of which parks.

4) Mission/Vision Statement

Chair Gunion-Rinker discussed the email she sent PARB members with her ideas for new mission and vision statements.

The group discussed the fact that they have not done much with “recreation”; maybe “sustainability” or “livability” could replace “recreation” for the name of the board.

The group talked about the broad term of “sustainability” and what it would mean for implementation.

Vice Chair Lisa Lashbrook mentioned that JoAnn Herrigel’s position as Milwaukie Parks and Sustainability Director was a great link to the community.

Mr. Nieman said there is talk about bringing a similar position back, but not anytime soon, due to funding and the current budget cycle.

Secretary Holcomb said she would shy away from having “sustainability” in the board’s name, as they could get pulled into bigger conversations that would be too big for what they could accomplish. However, she suggested having the term “sustainability” in the mission statement, since the board was dedicated to the idea.

The group talked about the importance of possibly having a Sustainability Board all in itself. Parks could even be a subcommittee of a much bigger Sustainability Board. The group also talked about the importance of Tree City USA, creating a Friends group, etc., and that they wanted to do those projects well, not add too many projects that are beyond their means.

Chair Gunion-Rinker summarized that PARB would hold off on a new mission and vision statement until they talked with Council. The board does know that they liked the term “livability,” however.

Treasurer Sharp mentioned along with the idea of livability that walking is important. She suggested setting up a “MilWALKie” walking group to get people out in their community.

The group discussed the mission statement Chair Gunion-Rinker created.

The group also talked about and conflicting roles and disconnect with the Riverfront Task Force and

PARB. They hoped for better communication going forward.

Mr. Nieman said PARB could show Council their ideas and options about the new statements. He would leave the vision statement as is, and include the edits for the second mission statement, with the caveat that they were looking for a better “sustainability” definition. Mr. Nieman informed PARB that the next City Council meeting was at 4:30 next Tuesday August 4th.

The large notepad that **Mr. Nieman** wrote during the previous conversation:

Livability:

Sustainability?

–Micro -> parks

–Marco -> city

5) Flight Control Plus Recommendation

The group talked about funding and feasibility. They also discussed the possibility of getting RFPs. The group decided that the game plan and the funding was what needed to be figured out.

Chair Gunion-Rinker researched the Flight Control Plus more thoroughly, and shared with the group her findings. While she was originally hesitant about the chemicals involved, after further research she was not very concerned. She explained that there was not enough data about the carcinogens. Although the phrase “don’t release it into the environment” was stated often, after reading though it, the product did not seem as lethal as first thought. But, she added, if chemicals are knowingly put into a public park, there was always a risk.

Mr. Nieman said that was good information to share with Council.

6) Member News/Reports

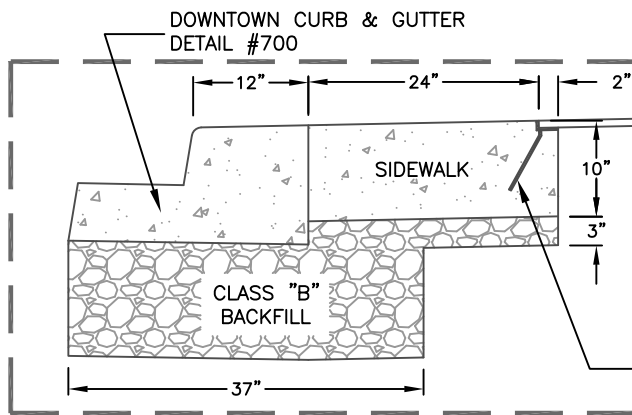
Mr. Nieman reiterated to the group about PARB’s presentation and Tree Ordinance draft submission to Council in August. He suggested that PARB may want to substitute their August meeting with the Council Study Session where the Doctor would speak regarding the economics of trees.

Mr. Nieman also informed the group that three applications were pending interviews for the open PARB positions.

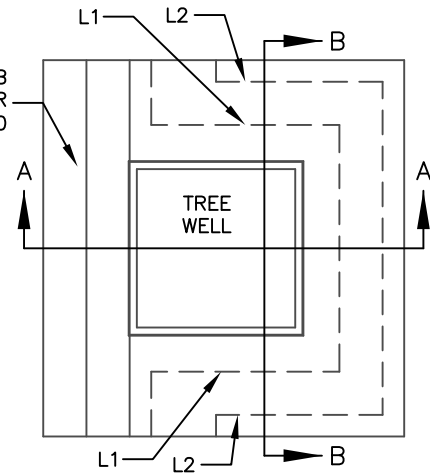
Treasurer Sharp said the next Tree Subcommittee meeting would discuss comments from the City’s engineering department before submitting the ordinance to legal. It was decided that the subcommittee would meet Thursday afternoon at 3pm. Chair Gunion-Rinker would send comments via email, and Treasurer Sharp and Vice Chair Lisa Lashbrook would call Mr. Nieman for a conference call.

Chair Gunion-Rinker updated the group about the sustainability tour and that it was making good progress.

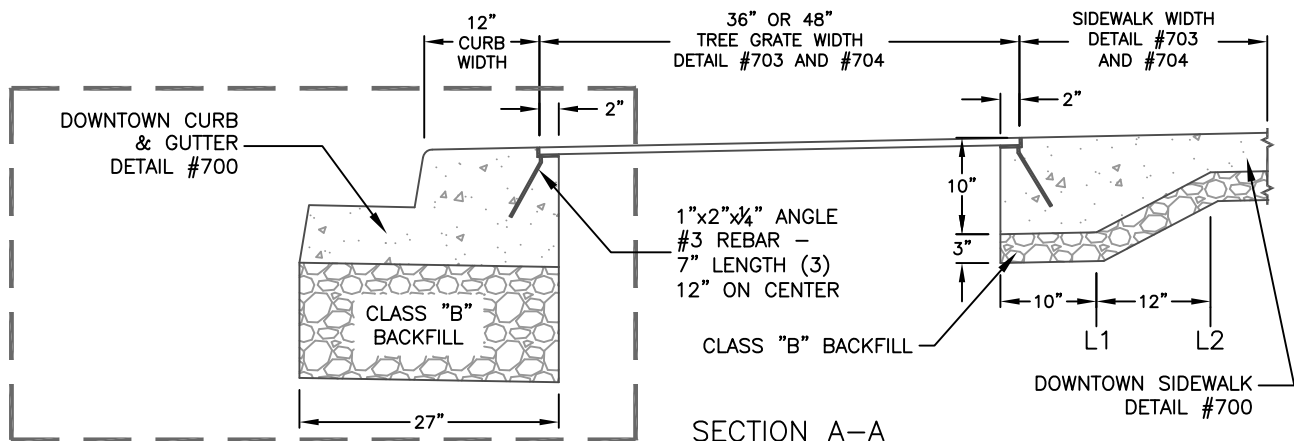
7) Adjournment - A motion to adjourn was made by **Vice Chair Lisa Lashbrook**, with a second by **Treasurer Sharp**. Motion passed unanimously, meeting adjourned 9:11am.



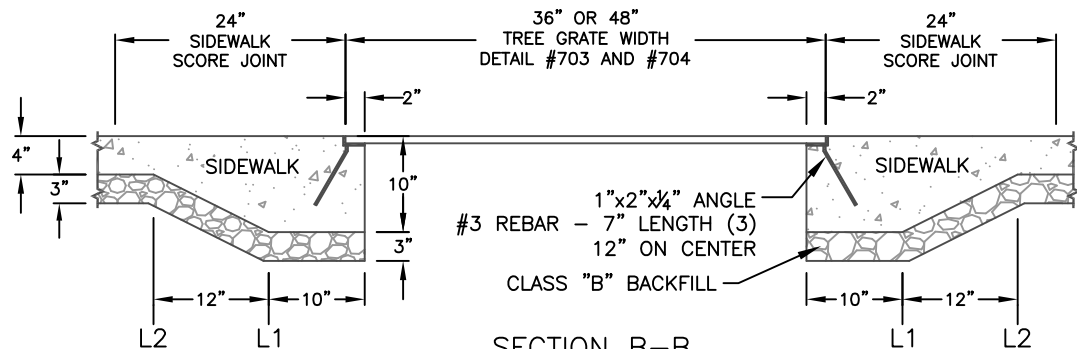
DOWNTOWN CURB
& GUTTER
DETAIL #700



1"x2"x¼" ANGLE
#3 REBAR -
7" LENGTH (3)
12" ON CENTER



SECTION A-A



SECTION B-B

CONSTRUCTION NOTES

1. CONCRETE SHALL BE 3300 PSI AT 28 DAYS WITH A SLUMP RANGE OF 2" TO 4".
2. BASE ROCK SHALL BE CLASS "B" BACKFILL COMPACTED TO 95% MAXIMUM DENSITY PER AASHTO T-180.
3. ALL CONCRETE SURFACES SHALL BE LIGHTLY BROOMED.



CITY OF MILWAUKIE, OREGON – PUBLIC WORKS DEPT.

Street Tree Grate

DRAWING NO.

706

APPROVED

CITY ENGINEER

12/14

DATE

NO.

REVISIONS

DATE

BY

1

NEW DRAWING

10/09

ZJW

2

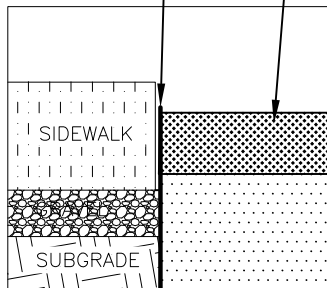
CHANGED DRAWING NUMBER

12/13

AJR

BARK DUST OR APPROVED
EQUAL APPLIED $\frac{1}{2}$ " BELOW
ROOT BARRIER

ROOT BARRIER
SEE NOTE 3



SIDEWALK
SEE DETAIL 504

TILLED NATIVE SOIL BACKFILL
ALL SOIL SMALLER THAN 2"

SET ROOT BALL DIRECTLY
ON NATIVE UNDISTURBED SOIL



ROOT BALL SHALL SIT
1 INCH HIGHER THAN
SURROUNDING SOIL

VARIES
SEE NOTE 2

FINISHED
GRADE

24" ROOT BARRIER
SEE NOTE 3

1' TYP

1' TYP

PLANTING NOTES

1. TREE SIZE – 2 INCH CALIPER MINIMUM MEASURED 6 INCHES UP FROM ROOT BALL, LARGER TREES ARE LESS LIKELY TO BE DAMAGED, INCREASING SURVIVABILITY.
2. PLANTER DIMENSION (4'–8') VARIES BY LOCATION AS DETERMINED BY RIGHT-OF-WAY PERMIT.
3. ROOT BARRIER SHALL BE 24" DEEP, 2MM (.08") THICK, 1/2" ABOVE THE SOIL ELEVATION, WITH JOINTS OVERLAPPING 6". ROOT BARRIER SHALL BE INSTALLED ON ALL SIDES OF PLANTER.
4. FOR APPROVED DOWNTOWN TREE SPECIES SEE DETAIL 708A–E, FOR TREES OUTSIDE OF DOWNTOWN SEE DETAIL 708F.
5. DO NOT USE TREE TRUNK TO LIFT TREE. IF THE INSPECTOR DETERMINES THAT THE TREE'S ABILITY TO SURVIVE HAS BEEN COMPROMISED, THAT TREE WILL BE REJECTED PRIOR TO PLANTING.



CITY OF MILWAUKIE, OREGON – PUBLIC WORKS DEPT.

Street Tree Planting

DRAWING NO.

707

APPROVED

[Signature] 12/14

CITY ENGINEER

DATE

NO.

REVISIONS

DATE

BY

1

NEW DRAWING

11/13

AJR

| Common Name | Scientific Name | Remarks | Mature Height | Canopy Spread |
|---------------------------|--|--|---------------|---------------|
| Bigleaf Snowbell Tree | <i>Styrax obassia</i> | Slender tree with very large leaves that are dull, fuzzy, and rounded. Drooping white flower clusters 4-6 long. | 35' | 25' |
| Blireiana Plum | <i>Prunus x blireiana</i> | Globe-shaped shape. Foliage is reddish purple or green turning reddish-bronze in fall. Bright pink flower. | 20' | 20' |
| Blood Good Japanese Maple | <i>Acer palmatum</i> 'Blood Good' | Upright and round in shape. Bronze-purple foliage turns orange-red in fall. | 18' | 18' |
| Butterfly Japanese Maple | <i>Acer palmatum</i> 'Butterfly' | Stiffly upright in shape - variegated cream and light green foliage - magenta tint in fall. | 12' | 6' |
| Centurion Crab | <i>Malus</i> 'Centurion' | Oval shape. Purple to bronze foliage in summer. Flower is rose-red. Bright red fruit. | 20' | 15' |
| Columnar Goldenrain | <i>Koeleruteria paniculata</i> 'Fastigata' | Columnar shape. Green leaves. Yellow flowers and fall color. | 30' | 6' |
| Columnar Siberian Crab | <i>Malus baccata</i> 'Columnaris' | Columnar shape. White flower, yellow-red fruit. | 30' | 10' |
| Crimson Cloud Hawthorn | <i>Crataegus laevigata</i> 'Crimson Cloud' | Oval shape. Glossy green leaves. Bright red flower with white center. Bright red fruit. | 25' | 18' |
| Japanese Snowball | <i>Styrax japonicus</i> | Rounded shape. Covered in June with pure white, bell-shaped flowers. Beautiful small tree. | 25' | 25' |
| Japanese Tree Lilac | <i>Syringa reticulata</i> | Pyramidal in shape. White floral clusters. Yellow-brown fruit. | 25' | 20' |
| Prairie Fire Crabapple | <i>Malus</i> 'Prairie Fire' | Upright, spreading, rounded form with purple to reddish green foliage. Excellent disease resistance. Long lasting pink to red flowers and small red fruit. | 20' | 20' |
| Red Barron Crab | <i>Malus</i> 'Red Barron' | Columnar shape. Reddish-purple leaves becoming bronze-green. Dark red flower. Dark red, 1 1/2" fruit. | 18' | 8' |
| Rocky Mountain Glow Maple | <i>Acer grandidentatum</i> 'Schmidt' | Oval shape. Dark green foliage turns bright red in fall. | 25' | 15' |
| Sango Kaku Japanese Maple | <i>Acer palmatum</i> 'Sango Kaku' | Upright shape with bright medium green foliage and gold fall color. | 18' | 14' |
| Tschonoski Crab | <i>Malus tschonoskii</i> | Oval shape. Dark green foliage turns orange, red and purple in fall. Sparse yellow-green fruit. | 30' | 15' |

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| Common Name | Scientific Name | Remarks | Midura Haight | Canopy SpnNid |
|--------------------------------|---|---|---------------|---------------|
| AmurMaple | ADar glnnala | G haped shape. Green tollage turns)'llkM, o111nge or l'8d in fall. | 20' | 20' |
| Autumn Brilliance Serviceberry | "Amelanchier x gnildiflonl 'Autumn Brilliance'" | Uprtght, moderately spreadingshape. Blight red fall color. White tower clus1ars inaprtng. | 20' | 15' |
| Blood Good Japanese Maple | "ADar palmstum 'Blood Good'" | Uprtght and round In shape - bi"DnZ&iillrpla foliage turning o1111nge-1'8d in fall. | 18' | 18' |
| Butterfly Japanese Maple | "ADar pelmstum 'Butt. erfty'" | Stilly upright in ehape - variegated C Vam and light green foliage- magenta tint In fall. | 12' | 8' |
| Columnar Siberian Crab | "Malua baccate 'Columnarie•" | Columnar shape. Whlta ftowar, yellow l'8d fruit. | 30' | 10' |
| •crimson Sentry NOIWBV Maple" | "/itl::fKplatanoides 'Crimson Sentry'" | Ovalshape. Foliage Is dalk purple, becoming maroon and reldiah-bronze in fall. | 25' | 15' |
| Flowering Ash | Fraxinus omus | Globe-shaped shape. Green le8Y88 beclome)' !low In fall. Off-white flower Is fragrant. | 30' | 15' |
| Glorybower Tree | Clerodendrum trichoiDmum | Globe-shaped shape. Dalk green leaves. Fragrant white11ower clustars and blue-green fruit. | 20' | 20' |
| Goldenchain | "Laburnum watered 'vosll'" | Upright or vae-shaped. Green foliage turns to)' !low in fall. Long yellow racemaa and flowers. | 30' | 20' |
| Japanese Snowbell | styrax Japonlcus | Rounded shape. Covared In June with pure whlta, bell-shaped flowers. Beautiful small tree. | 25' | 25' |
| Newport Plum | "Prunus caraslfera 'Newport'" | Globe-shaped shape. Dalk purple leaves change to raddish In fall. Flower la light pink. Dulpurple flub. | 20' | 20' |
| Paperbark Maple | ADargrieem | Uprtght, rounded shape. Foliage graen with siMir undenlides, becoming bright l'81kxange in fall. Reddish, peeling paper..flin bark. | 25' | 20' |
| Persian Parrotia | Paii'Otlapel'llca | LGW-branched, bltledly pyramidal to rounded tree with unusuafonn and texture. Flowers hava showy redstamens and fallcolor Is excellent. | 30' | 20' |
| Prairifire Crabapple | Malus "Praltlire" | Uprtght, spreading, rounded fonn with purple to raddieh green foliage. Excellent dieeasa l'88ietance. Long lasting pinkish l'8d towers and small red fruit. | 20' | 20' |
| Rocky Mountain Glow Maple | "/itl::fKurandidentatum 'Schmidt'" | Ovalshape. 08lk green foliage tuma bright red in fall. | 25' | 15' |
| •sango Kaku Japanese Maple" | "ADar pelmstum 'Sango Kalw'" | Uprtght In shape- brtght medklm green foliage- gold fallcolor. | 18' | 14' |
| Snowcloud Serviceberry | Amelanchierlaavis 'Snowcloud' | Uprtght oval In shape. Dark green l8lMI8 -scarlet In fall. Whlta ftowar clusters. Blue-purple fruh. | 25' | 15' |
| Trident Maple | ADar num | Ovalshape. 08lk green foliage turns yellow and orange In fall. | 25' | 20' |
| Tschonoski Crab | Malus tachonoskll | Ovalshape. Dalk graen foliage tums orange, r&d and purple in fall. Sparse lIOW1Jreen fruit. | 30' | 15' |

CITY OF MILWAUOIE. OREGON – PUBUC WORKS DEPT.

STREET TREE PLANTING IJST

S-31POOT PUNTIR STRIP – wmi/WITBOUT OVIRIJW) POWER LINES

DRAWING NO.

7088

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APPRCMD

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NO.

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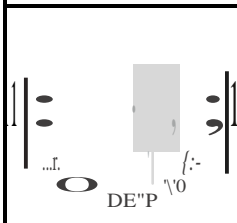
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CnY ENGINEER

| Common Name | Scientific Name | Remarks | Mature Height | Canopy Spread |
|-------------------------------------|---|--|---------------|---------------|
| Capital Pear | "Pyrus calaryana 'Cspilal'" | Columnar shape. Dark green foliage turns orange, red and purple in fall. White flowers. | 36' | 12' |
| Chinese Dogwood | Cornus kousa c. hnenals | Globe-shaped. Dark green foliage becomes orange red in fall. White flowers and pinkish-red fruit. | 25' | 25' |
| Cleveland Select Pear (Chanticleer) | "Pyrus calaryana 'Glen's Form'" | Upright, pyramidal shape. Glossy green foliage. White flowers. Purplish-red foliage in fall. | 30' | 20' |
| Columnar Norway Maple | "A. Jr. platanaidaa 'Ccklmnlil'" | Columnar shape. Dark green foliage turns yellow in fall. | 36' | 15' |
| Columnar Sargent Cherry | "Prunus sargentii 'Ccklmnlil'" | Columnar shape. Foliage is shiny, dark green. Orange and red fall color. Deep pink flower. | 36' | 15' |
| Edith Bogue Magnolia | "Magnolia grandiflora 'Edith Bogue'" | Globe-shaped. Green foliage turns bright yellow and red in fall. | 30' | 15' |
| Flowering Ash | Fraxinus omua | Globe-shaped. Green foliage becomes yellow in fall. Off-white flowers. | 30' | 15' |
| Golden Desert Ash | "Fraxinus excelsior 'Aurafolia'" | Globe-shaped. Outstanding yellow color throughout the year. | 25' | 20' |
| Hedge Maple | A. 'All-campaah' | Dense, rounded shape. Dark green foliage becomes yellow in fall. | 30' | 30' |
| Lavalle Hawthorn | Crataegus x lavallei | More erect and twiggy growth than hawthorn. Vase-shaped tree. | 30' | 20' |
| Newport Plum | "Prunus caroliniana 'Newport'" | Globe-shaped. Dark purple foliage changes to reddish in fall. Flowers light pink. Dull purple fruit. | 20' | 20' |
| Pacific Sunset Maple | "A. Jr. 'Unicolum' x A. 'psisnaldaa' W8n'8M1" | Globe-shaped. Dark green foliage becomes yellow, orange and red in fall. | 30' | 25' |
| Paperbark Maple | A. 'All-griseum' | Upright, rounded shape. Foliage green with silvery undersides, becoming blight red-orange in fall. Raddish, peeling, papery bark. | 25' | 20' |
| Persian Parrotia | Parrotia persica | Low-branched, broadly pyramidal to rounded tree with unusual form and texture. Flowers have showy red stamens and fall color is excellent. | 30' | 20' |
| Prairie Fire Crabapple | Malus 'Prairie Fire' | Upright, pyramidal shape. Foliage green with silvery undersides, becoming blight red-orange in fall. Long lasting pinkish-red flowers and small red fruit. | 20' | 20' |
| Queen Elizabeth Maple | "A. Jr. 'campasira' Evelyn'" | Oval shape. Dark green foliage turns yellow in fall. | 36' | 30' |
| Redspire Pear | Pyrus callaryana 'Redspire' | Upright, pyramidal shape. Dark green foliage turns yellow to red in fall. Abundant white flowers. | 36' | 25' |
| Saratoga Ginkgo | "Ginkgo biloba 'Saratoga'" | Extremely free of pest. Very tolerant of pollution and salt. Requires little maintenance. Slow growing and long lived. Yellow fall color. | 30' | 30' |
| September Goldenrain | "Koeleria paniculata 'September'" | Globe-shaped. Green foliage turns yellow in fall. Orange fall color. Yellow flowers. | 30' | 25' |
| Variiegated Norway Maple | "A. Jr. platanaidaa 'Drummondii'" | Globular shape. Dark green foliage turns yellow in fall. Margins. | 36' | 25' |



CITY OF MILWAUKIE, OREGON - PUBLIC WORKS DEPT.

STREET TREE PLANTING LIST

4-c;J FOOT PLANTER STRIP - WITH OVERBOW POWER LINES

DRAWING NO.

708C

AP

12/11

ART ENGINEER

DATE

NO.

REVISIONS

DATE

BY

1

NEW-NA

11/11

AIR

| Common Name | Scientific Name | Remarks | Mature Height | Canopy SprMd |
|-------------------------------------|---|--|---------------|--------------|
| Akebono Flowering Cherry | Prunus x yedoensis 'Akebono' | Upright spreading with bright green foliage. Delicate pink flowers in spring. Yellowish fall color. | 25' | 25' |
| American Hophornbeam | Ostrya virginiana | Globular shape. Yellow fall color. | 35' | 25' |
| Black Tupelo | Nyssasylvatica | Pyramidal when young, spreading and irregular with age. Dark green, glossy foliage. HCl, copper-red fall color. | 35' | 25' |
| Canada Red Chokecherry | "Prunus virginiana 'Canada Red'" | Upright round shape. Foliage green in spring, to dark purple in fall. Small white flowers in late spring. Red-purple fruit. | 25' | 25' |
| Chinese Dogwood | Comus kousa 'Chinese Dogwood' | Globular shape. Dark green foliage becomes red in fall. White flower and pinkish-red tuff. | 25' | 25' |
| Cleveland Select Pear (Chanticleer) | "Pyrus calleryana 'Glen's Fenn'" | Upright, pyramidal shape. Glossy green foliage. White flowers. Purplish-red foliage in fall. | 30' | 25' |
| Edith Bogue Magnolia | "Magnolia grandifolia 'Edith Bogue'" | Form a tight pyramid. Evergreen with dark green foliage. Large, white flowers. | 30' | 15' |
| Globe Norway Maple | "A. platanoides 'Globe'" | Dense, globe-shaped shape. Green foliage turns yellow in fall. | 15' | 25' |
| Hedge Maple | A. acer campalra | Dense, rounded shape. Dark green foliage turns yellow in fall. | 30' | 30' |
| "Kwanza Cherry (on 6' min. graft)" | "Prunus serrulata 'Kwanza'" | Upright shape. Dark green foliage becomes bronze or orange in fall. Dark pink flower. | 30' | 25' |
| Lavalle Hawthorn | Crataegus x lavallai | Moderate and less twiggy growth than other hawthorns. Very handsome, rounded shape tree. | 30' | 25' |
| Pacific Sunset Maple | "Acer truncatum x A. platanoides 'Warrenred'" | Globe-shaped shape. Dark green foliage becomes yellow, orange and red in fall. | 30' | 25' |
| Paperbark Maple | Acer glabrum | Upright, rounded shape. Foliage green, silvery underneath; bright red-orange in fall. Reddish, peeling, paper-thin bark. | 25' | 25' |
| Queen Elizabeth Maple | "A. carolinianum 'Queen Elizabeth'" | Oval shape. Dark green foliage turns yellow in fall. | 35' | 30' |
| Raywood Ash | "Fraxinus oxyphylla" | Oval with dense crown. Narrow green leaves, fine textured foliage. Reddish purple fall color. Delicate fine textured appearance. | 35' | 25' |
| Redbud | Cercis canadensis | Globular shape. Dark green foliage turns yellow in fall. Pink flower. Very shade tolerant. May suffer damage in wind storms. | 25' | 30' |
| Redspire Pear | Pyrus calleryana 'Redspire' | Pyramidal, dense, and symmetrical with medium green, glossy foliage turning yellow to red in fall. Abundant white flowers. | 35' | 25' |
| Saratoga Ginkgo | Ginkgo biloba 'Saratoga' | Excellent free of pests. Requires little maintenance. Slow growing and long lived. Yellow fall color. | 30' | 30' |
| September Goldenrain | "Koeleria paniculata 'September'" | Globular shape. Green leaves. Yellow and orange fall color. Yellow flowers. | 30' | 25' |
| Sourwood | Odorata arborea | Pyramidal shape. Dark green foliage turns red and scarlet in fall. Showy white flowers in summer. | 35' | 25' |
| Yellowwood | Cladrastis lutea | Globular shape. Bright green foliage turns golden-yellow in fall. Fragrant white flower clusters. | 40' | 40' |

CITY OF MILWAUKIE, OREGON – PUBLIC WORKS DEPT.

STREET TREE PLANTING LIST

8-8 FOOT PUNTER STIP-WITB OVERHEAD POWER LINES

DRAWING NO.

708D

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CITY ENGINEER

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| NO. | DESCRIPTIONS | TE | B'f |
|-----|--------------|------|-----|
| 1 | PLANTING | U113 | 1 |
| | | | |
| | | | |

| Common Name | Scientific Name | Remarks | Height | Canopy Spread |
|---------------------------|------------------------------|---|--------|---------------|
| Bigleaf Maple | <i>Acer macrophyllum</i> | Broad-topped, dense shade tree. 1.8 to 3-lobed leaves 6 to 15 inches wide. Small yellow flowers in drooping clusters April and May. Yellow fall color. | 70' | 80' |
| Black Hawthorn | <i>Crataegus douglasii</i> | Medium growth tree. High resistant to diseases. Small seamy fruits are appealing to birds. Often grows in a multi-stemmed form. Clusters of small white flowers appear in the spring. | 45' | 25' |
| Cascara | <i>Rhamnus purshiana</i> | Preferes shady, moist conditions. Often grows under a large tree with vine maple and alder. Small, black berries attract birds. Slow growth. | 30' | 25' |
| Common Chokeberry | <i>Prunus virginiana</i> | Leaves are 2 to 4 inches long. Flowers in 3- to 6-inch clusters. All the fruit turns red to black. | 25' | 20' |
| Douglas Fir | <i>Pseudotsuga menziesii</i> | Bark smooth and gray when young, becoming thick, furrowed, black to reddish-brown when mature. Flat, evergreen, linear needles one-inch long. Cones have distinct 3-pointed bracts. | 200' | 80' |
| Grand Fir | <i>Abies grandis</i> | One of the largest in the Pacific Northwest. Deep green, 1 to 1.5 inch long evergreen needles in two rows along the branch. Above, white lines beneath. | 300' | 40' |
| Madrone | <i>Arbutus menziesii</i> | Smooth, reddish-brown bark that peels in the flaking. Leathery 3-lobed leaves; new ones are silvery underneath; green on top, dull gray beneath. Red-orange berries in fall. | 100' | 50' |
| Oregon Ash | <i>Fraxinus latifolia</i> | Light green leaves, 1 to 2 inches long. Mature trees standing 80 to 100 feet high. Needs no dry-season watering. | 75' | 25' |
| Oregon White Oak | <i>Quercus laevis</i> | Slow to moderate growth. Wide, rounded crown. Branches often willow-like. | 65' | 45' |
| Ponderosa Pine | <i>Pinus ponderosa</i> | Large, needle evergreen. Thick bark. Leaves reddish color and develop a dark film with age. Needles grow in clusters of three. Produces a cone 3-6 inches long. | 200' | 30' |
| Red Alder | <i>Alnus rubra</i> | Attractive smooth, light gray bark. Dark silicles 2- to 4-inch leaves which are rusty on the underside and hairy beneath. Very tolerant of moist soil. | 100' | 40' |
| Silver Fir | <i>Abies amabilis</i> | Large, needle evergreen. Needles 1 to 2 inches long. Dark green, evergreen needles, silvery underneath, curve upward along the branches. | 50' | 40' |
| Western Flowering Dogwood | <i>Comus nuttallii</i> | Gray-barked branches grow in the arborescent pattern. Oval 3-lobed leaves are rich green above, grayish underneath. Yellow, pink and orange fall colors. Red to orange, fleshy fruit in button-like clusters in fall. | 50' | 20' |
| Western Hemlock | <i>Tsuga heterophylla</i> | Fine needle evergreen foliage. Small light-brown cones are produced in small quantities. Prefer full sun to full shade and moist soil. | 150' | 40' |
| Western Red Cedar | <i>Thuja plicata</i> | Evergreen that thrives in moist conditions. Small, needle-like leaves. Trunk is wide and fluted at the bottom. Prefer full to part sun. High local availability. | 100' | 30' |

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|---------------|---|-------|-----------|--------------------------|-----|
| | CITY OF MILWAUKIE, OREGON – PUBUC WORKS DEPT. | | | | |
| | STREET TREE PLANTING LIST | | | PLANTING NO. 708E | |
| | UNDEVELOPED ROADSIDE PLANTER STRIP | | | | |
| | APPROVED | NO. 1 | REVISIONS | | MTE |
| | | | MILWAUKIE | 10/11 | NIT |
| CITY ENGINEER | | | | | |

| Common Name | Scientific Name | Remarks | Mature Height | Canopy Spread |
|----------------------------------|-------------------------------|---|---------------|---------------|
| Afterburner Tupelo | Nyssa sylvatica 'David Odom' | Upright shape. Deep green leaves in the summer. Bright red late falling leaves in the fall. Fruit is a small black berry. | 35' | 20' |
| Blue Oak | Quercus douglasii | Round open shape. Small blue-green waxy leaves. Flowers small yellow-green catkins. Produces inch long acorns. Well suited for planting under power lines. | 30' | 25' |
| Cascara | Rhamnus purshiana | Round-oval shape. Long, dark green leaves, turning yellow in the fall. Small white flowers. Fruit is a pea sized purple berry. Well suited for planting under power lines. | 30' | 15' |
| Columnar Goldenrain | Koeleruteria paniculata | Columnar shape. Long stemmed green leaves. Yellow flowers and fall color. Fruit is a 1.5 inch long pod. | 30' | 6' |
| Columnar Hornbeam | Carpinus betulus 'Fastigiata' | Pyramidal to oval-rounded crown. Oval, toothed bright medium green leaves that turn yellow-orange in the fall. Fruits are small nuts. Well suited for planting under power lines. | 35' | 25' |
| Eastern Rosebud | Cercis canadensis | Round shape. Reddish-purple leaves change to dark green, then to yellow. Rosy pink flowers. Fruit is a long flat pod, 2-4 inches long. | 45' | 30' |
| Emerald Pointe Hardy Rubber Tree | Eucommia ulmoides 'Empozam' | Oval to round shape. Leaves remain green through summer and fall. Fruit is a winged samara with one seed. | 40' | 15' |
| Hungarian Oak | Quercus frainetii | Oval shape. Dense foliage with striking, large, glossy leaves. Very adaptable. | 50' | 30' |
| Pacific Dogwood | Comus nuttallii | Upright shape. Greenish-white flower. Green leaves turning brilliant red in autumn. Fruit is a compound pink-red berry 1 inch in size. | 40' | 25' |
| Sassafras | Sassafras albidum | Round shape. Brilliant display of fall foliage changing to colors of deep orange, scarlet, purple and yellow in the fall. Fruit is a small black berry. | 35' | 25' |
| Skinny Genes Oak | Quercus robur x alba | Tight columnar shape. Dark green glossy leaves, turning yellow in the fall. | 45' | 10' |
| Snowbells | Styrax japonica | Long pointed leaves turning to yellow or bright red in the fall. Large white flowers. Fruit is small white pea sized berry. Well suited for planting under power lines. | 30' | 30' |
| Sourwood | Oxydendrum arboreum | Oval shape. Fragrant, white flowers in early summer. Dazzling fall color turning yellow, red, and purple. Well suited for planting under power lines. | 25' | 15' |
| Striped Maple | Acer pensylvanicum | Broad, round shape. Large lobed leaves that turn pale yellow in autumn. Small yellow flower, and fruit is a small samara. Well suited for planting under power lines. | 30' | 25' |
| Yellowwood | Cladrastis kentuckia | Round shape. White fragrant flowers in early summer. Leaves are dark green in the summer and turn a bright clear yellow in the fall. Fruit is a flat pod, 3 inches in length. | 40' | 45' |

CITY OF MILWAUKIE, OREGON — PUBLIC WORKS DEPT.

STREET TREE PLANTING LIST

DOWNTOWN PLANTING

DRAWING NO.

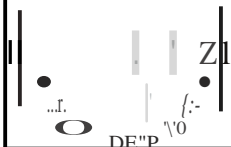
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CHAPTER 16.32 TREE CUTTING

16.32.005 PURPOSE

The purpose of this chapter is to encourage preservation of trees located in the public right-of-way. Trees within the public right-of-way are a public resource that beautify the streetscape and provide ecosystem services such as reducing the urban heat island effect, reducing stormwater flows, and stabilizing soils. The City may allow the removal or pruning of trees in some situations including, but not limited to, removing hazards, avoiding damage to public and private property, and allowing for construction of right-of-way improvements. Preference should generally be given to authorizing the minimal amount of disturbance to the tree that is necessary to address the situation. The intent of this chapter is also to mitigate the authorized removal of trees within the public right-of-way by replanting new trees in the public right-of-way wherever practicable. (Ord. 2022 § 1, 2011)

16.32.010 DEFINITIONS

The following definitions shall apply for terminology, used in this chapter:

“Canopy” means area of the tree above the ground, including the trunk and branches, measured in mass or volume.

“City” means the City of Milwaukie.

“City Tree Board” means the City of Milwaukie Park and Recreation Board (Board) plus a certified arborist to be selected by the City Council, or a separate City Tree Board appointed by the Mayor and approved by City Council.

“Cutting” means the falling or removal of a tree, or any procedure that naturally results in the death or substantial destruction of a tree. “Cutting” does not include normal trimming or pruning, but does include topping of trees.

“Dangerous tree” means the condition or location of the tree presents a clear public safety hazard or an imminent danger of property damage, and such hazard or danger cannot reasonably be alleviated by treatment or pruning.

“Dead tree” means the tree is lifeless.

“Drip line” means the perimeter measured at the outermost canopy.

“Dying tree” means the tree is diseased, infested by insects, deteriorating, or rotting, and cannot be saved by reasonable treatment or pruning, or must be removed to prevent the spread of infestation or disease to other trees.

“ISA” means the International Society of Arboriculture.

“Large trees” means trees that reach at least 65 feet in height at maturity.

“Major pruning” means removal of over 20% of the tree’s canopy, or injury or cutting of over 10% of the root system, during any 12-month period.

“Medium trees” means trees that at maturity are between 30 and 65 feet in height.

“Owner” means and includes, for the purposes of this chapter, any person with a freehold interest in land, or a lessee, agent, employee, or other person acting on behalf of the owner with the owner’s consent.

“Park Trees” are defined as trees, shrubs, bushes and other woody vegetation in public parks having individual names, and all areas owned by the City, or to which the public has free access as a park.

“Person” means any individual, firm, association, corporation, agency, or organization of any kind.

“Relative Value.” Relative value may be calculated using the methods described in the ISA’s “Guide for Plant Appraisal.” The values reflect the value to the public as a whole, rather than to the individual property owner. For example, a tree growing in full public view may have a high public value but be of low value to the property owner.

“Removal” means the cutting or removing of 50% or more of the crown, trunk, or root system of a plant; the uprooting or severing of the main trunk of the tree; or any act which causes, or may reasonably be expected to cause, the tree to die, including without limitation damage inflicted upon the root system by machinery, storage materials, or soil compaction; substantially changing the natural grade above the root system or around the trunk; excessive pruning; or paving with concrete, asphalt, or other impervious materials in a manner which may result in the loss of aesthetic or physiological viability.

“Root zone” means the area of the ground around the base of the tree measured from the trunk to 5 feet beyond the outer base of the branching system.

“Small trees” are those that at maturity are less than 30 feet in height.

“Street tree” is defined as trees, shrubs, bushes and other woody vegetation on land lying between property lines on either side of all streets, avenues, or ways within the City.

“Tree Pruning” means trimming or removing any part of the branching structure of a plant in either the crown, trunk, or root areas based on standards of the ISA.

“Topping” means the severe cutting back of the main stem and/or limbs to buds, stubs, or laterals large enough to assure terminal role within the tree’s crown to such a degree as to remove the normal canopy and disfigure the tree.

“Tree” means any living woody plant characterized by 1 main stem or trunk and many branches, or a multistemmed trunk system with a definitely formed crown. (Ord. 1836 § 1 (part), 1998)

16.32.015 CREATION AND ESTABLISHMENT OF A CITY TREE BOARD

A. Creation

There is hereby created and established a City Tree Board (Tree Board) for the City of Milwaukie, Oregon, which shall consist of five members, citizens and residents of this city, who shall be appointed by the Mayor with the approval of the City Council.

B. Term of Office

The term of the five persons to be appointed by the Mayor shall be three years except that the term of two of the members appointed to the first board shall be for only one year and the term of two members of the first board shall be for two years. In the event that a vacancy shall occur during the term of any member, his successor shall be appointed for the unexpired portion of the term. Tree Board members shall be limited to three consecutive terms.

C. Compensation

Members of the Tree Board shall serve without compensation.

D. Duties and Responsibilities

It shall be the responsibility of the Tree Board to study, investigate, council and develop and/or update annually, and administer a written plan for the care, preservation, pruning, planting, replanting, removal or disposition of trees and shrubs in parks, along streets and in other public areas. Such plan will be presented annually to the City Council and upon their acceptance and approval shall constitute the official comprehensive city tree plan for the City of Milwaukie, Oregon.

The Tree Board, when requested by the City Council, shall consider, investigate, make findings, report and recommend upon any special matter of question coming within the scope of its work. The Tree Board shall inform and coordinate with the North Clackamas Park and Recreation District (NCPRD) or the City of Milwaukie to ensure that the provisions of this ordinance are complied with during performance of maintenance activities.

Section 6. Operation

The Tree Board shall choose its own officers, make its own rules and regulations and keep a journal of its proceedings. A majority of the members shall be a quorum for the transaction of business.

16.32.017 TREE PLANTING

A. Species

Tree species to be planted are those listed by and obtainable from the Engineering Department of The City of Milwaukie for different types of planting locations on public lands or public rights of way.

B. Spacing

The spacing of Street Trees will be in accordance with the official street tree list above in A, Species, and spacing will be determined in the planting plan for each site as determined by the Engineering Standards. In addition, special plantings designed or approved by a landscape architect, or for ecological restoration projects where seedlings or whips are likely to be planted at a much higher density to mimic natural conditions in forest regeneration.

C. Distance from Curb and Sidewalk

The distance trees may be planted from curbs or curblines and sidewalks will be in accordance with the three species size classes listed in Section 7 of this ordinance, and no trees may be planted closer to any curb or sidewalk than the following: Small Trees, 2 feet; Medium Trees, 3 feet; and Large Trees, 4 feet.

D. Distance from Street Corners and Fire Hydrants

No Street Tree shall be planted closer than 35 feet of any street corner, measured from the point of nearest intersecting curbs or curblines. No Street Tree shall be planted closer than 10 feet of any fire hydrant.

E. Utilities

No Street Trees other than those species listed as Small Trees in Section 7 of this ordinance may be planted under or within 10 lateral feet of any overhead utility wire, or over or within 5 lateral feet of any underground water line, sewer line, transmission line or other utility.

F. Size

Sizes of trees to be planted will vary from small saplings less than 12 inches tall in natural area restoration projects, to larger specimen trees of 1 to 3 inches in diameter as breast height.

16.32.018 PUBLIC TREE CARE

The City shall have the right to plant, prune, maintain and remove trees, plants and shrubs within the lines of all streets, alleys, avenues, lanes, squares and public grounds, as may be necessary to ensure public safety or to preserve or enhance the symmetry and beauty of such public grounds.

The City Tree Board may remove or cause or order to be removed, any tree or part thereof which is in an unsafe condition or which by reason of its nature is injurious to sewers, electric power lines, gas lines, water lines, or other public improvements, or is affected with any injurious fungus, insect or other pest. This Section does not prohibit the planting of Street Trees by adjacent property owners providing that the selection and location of said trees is in accordance with Section 16.32.17 of this ordinance.

16.32.019 PRUNING, CORNER CLEARANCE

Every owner of any tree overhanging any street or right-of-way within the City shall prune the branches so that such branches shall not obstruct the light from any street lamp or obstruct the view of any street intersection and so that there shall be a clear space of eight feet (8') above the surface of the street or sidewalk. Said owners shall remove all dead, diseased or dangerous trees, or broken or decayed limbs which constitute a menace to the safety of the public. The City shall have the right to prune any tree or shrub on private property when it interferes with the proper spread of light along the street from a street light or interferes with visibility of any traffic control device or sign.

16.32.020 DEAD OR DISEASED TREE REMOVAL ON PRIVATE PROPERTY

The City shall have the right to cause the removal of any dead or diseased trees on private property within the city, when such trees constitute a hazard to life and property, or harbor insects or disease which constitute a potential threat to other trees within the city. The City Tree Board will notify in writing the owners of such trees. Removal shall be done by said owners at their own expense within sixty days after the date of service of notice. In the event of failure of owners to comply with such provisions on a case by case basis. The City shall have the authority to remove such trees and charge the cost of removal on the owners property tax notice, unless extreme financial hardship can be demonstrated to the City by the landowner. Some dead trees which provide wildlife habitat and are not a hazard may be left uncut.

16.32.021 REMOVAL OF STUMPS

All stumps of street and park trees shall be removed below the surface of the ground so that the top of the stump shall not project above the surface of the ground, except for circumstances where the stumps do not pose a hazard to park users and may be left to improve wildlife habitat structure.

16.32.023 INTERFERENCE WITH CITY TREE BOARD

It shall be unlawful for any person to prevent, delay or interfere with the City Tree Board, or any of its agents, while engaging in and about the planting, cultivating, mulching, pruning, spraying, or removing of any Street Trees, Park Trees, or trees on private grounds, as authorized in this ordinance.

16.32.024 ARBORISTS LICENSE AND BOND

It shall be unlawful for any person or firm to engage in the business or occupation of pruning, treating, or removing street or park trees within the City without first applying for and procuring a license. The license fee shall be \$25 annually in advance; provided, however, that no license shall be required of any public service company or City employee doing such work in the pursuit of their public service endeavors. Before any license shall be issued, each applicant shall first file evidence of possession of liability insurance in the minimum amounts of \$50,000 for bodily injury and \$100,000 property damage indemnifying the City or any person injured or damaged resulting from the pursuit of such endeavors as herein described.

16.32.025 REVIEW BY CITY COUNCIL

The City Council shall have the right to review the conduct, acts and decisions of the Tree Board. Any person may appeal from any ruling or order of the Tree Board to the City Council who may hear the matter and make final decision.

16.32.026 PERMIT FOR MAJOR PRUNING OR REMOVAL OF STREET TREES OR TREES IN PUBLIC RIGHT-OF-WAY AND OTHER PUBLIC LAND

A. Applicability

No person shall conduct major pruning or removal, as defined in chapter 16.32.010 of any tree in a public right-of-way or other public land, without first receiving a permit issued by the City. Tree pruning, as defined in chapter 16.32.010, shall not require a permit.

B. Review Process

1. A permit application for major pruning or tree removal shall be submitted to the Engineering Department on A Right of Way Permit Application.
2. The applicant shall post notice of the major pruning or removal permit application on the property in a location which is clearly visible to vehicles traveling on a public street and readable by pedestrians walking by the property.
3. The notice shall state that the tree removal permit is pending for trees on the property marked by an orange plastic tagging tape, shall include the date of posting, and shall state that any person may request a meeting with the Engineering Director, or his or her designee within 14 days of the date of the posting. The purpose of the meeting is to provide an opportunity to raise questions or concerns about the major pruning or removal prior to issuance of the administrative decision on the permit.
4. The applicant shall mark each tree proposed to be removed by tying or attaching orange plastic tagging tape to the tree 4 to 6 feet above mean ground level at the base of the trunk.
5. On the date that the property is posted, the applicant shall send a letter to the neighborhood district association for the area, to notify the association of the major pruning or removal request.
6. The applicant shall file an affidavit stating that the property has been posted, the trees have been marked, and notice has been mailed pursuant to Section 16.32.020 or subsection 16.32.020.B.
7. The major pruning or tree removal permit shall not be issued for 14 days from the date of filing of the affidavit to allow for the filing of a request for a meeting. The applicant shall maintain the posting and marking for the full 14 days. When a meeting with the Engineering Director, or his or her designee is requested, the Engineering Director, or his or her designee shall not issue the permit decision until the meeting can be held.

C. Approval Standards

The Engineering Director, or his or her designee shall issue a permit for major pruning or removal of trees in a right-of-way, only if the following criteria are satisfied. The Engineering Director, or his or her designee will consult a certified arborist where necessary to evaluate the criteria.

1. The proposed work will be done according to ISA standards, and qualified persons will perform the work.
2. 1 or more of the following criteria are satisfied:
 - a. It is determined that the tree is dead or dying and cannot be saved, according to current ISA standards.

- b. The tree has become a nuisance by virtue of damage to personal property or improvements, either public or private, on the subject site or adjacent sites, and that extraordinary maintenance is required to prevent damage to such improvements or property.
- c. The tree has lost its relative value as a street tree due to damage from natural or accidental causes, or for some other reason it can be established that it should be removed.
- d. The tree has been determined to be unsafe to the occupants of the property, or adjacent property, or the general public.
- e. Major pruning or removal is necessary to accommodate improvements in the right-of-way, and it is not practicable to modify the proposed improvements to avoid major pruning or removal.

D. Performance of Permitted Work

All work performed on street trees pursuant to a permit issued by the Engineering Director, or his or her designee under this section shall be done within a 60-day period from the issuance of said permit, or within a longer period as specified by the Engineering Director, or his or her designee.

E. Replanting

The Engineering Director, or his or her designee shall require tree replanting as a condition of approval for a major pruning or removal permit wherever practicable. Replanted trees shall be planted within the right-of-way fronting the property for which the tree permit was issued. The replanted tree shall be a species appropriate for the location where it is planted, as determined by the Engineering Director, or his or her designee in conjunction with issued permit. In addition to the tree maintenance requirements of Section 8.04.110, the abutting property owner shall be responsible for maintaining a replanted tree in a healthy condition for 3 years following replanting. (Ord. 2022 § 1, 2011; Ord. 1836 § 1 (part), 1998).

The optimal time of year for planting is the fall (September-November). If planting is necessary in other months, extra measures may be needed to ensure survival of newly planted trees and these extra measures shall be specified by a certified arborist, and specified in the Right of Way Permit Application.

16.32.030 PERMIT EXEMPTIONS

A. Dangerous Tree

If a tree is determined to be a dangerous tree, the Engineering Director, or his or her designee may issue an emergency removal permit. The removal shall be in accordance with the ISA standards and be the minimum necessary to eliminate the imminent danger.

B. Maintenance

Regular maintenance or pruning which does not require removal of over 20% of the tree's canopy, tree topping, or disturbance of over 10% of the root system during any 12-month period.

C. Non-Public Land

Tree cutting anywhere but in a public right-of-way or public land. (Ord. 2022 § 1, 2011; Ord. 1836 § 1 (part), 1998)

16.32.040 PENALTY

Any person, firm, or corporation violating any of the provisions of this chapter shall, upon conviction thereof, be punished by a fine not to exceed one thousand dollars (\$1,000.00). (Ord. 2022 § 1, 2011)

Right-Of-Way Permit Application



DEPARTMENT USE ONLY

Permit no.:

Date Received:

Date Issued:

By:

Receipt #:

City of Milwaukie

6101 SE Johnson Creek Blvd., Milwaukie OR 97206

Phone: 503-786-7613

Fax: 503-786-7612

Apply for permits on line www.buildingpermits.oregon.gov

Inspections: 503-786-7575 or www.buildingpermits.oregon.gov

(Right-of-Way Use Expiration Date)

Permit Type: ☐ Right-of-Way Construction ☐ Right-of-Way Use

Before beginning work, **24 hour notice** must be given to the Public Works Department and emergency and transportation agencies:

- ◆ City Public Works.....(503) 786-7606
- ◆ Fire / Police Dispatch.....(503) 786-7500
- ◆ North Clackamas School District #12.....(503) 353-6000
- ◆ Tri-Met.....(503) 661-8117

Permittee shall notify applicable utility companies **48 hours** prior to start of work.

Public Works must be notified prior to each stage of construction.

A Traffic Control Plan is required for any work that will obstruct the normal flow of vehicular or pedestrian traffic. The plan must be submitted to the City for review and approval **48 hours** before beginning work.

We hereby agree to replace said premises satisfactory to the Engineering Director at our own expense, and to hold the City of Milwaukie harmless from any and all damages or expense caused by, or in any way connected with, the use of said property or restoring the same to its original condition. City specifications shall be met unless otherwise authorized by the Engineering Director or their authorized representative. If work cannot be completed by expiration date, applicant must apply for an extension.

Applicant Name/Business

Applicant Signature

Date

JOB SITE INFORMATION AND LOCATION

Job site address:

City:

State:

ZIP:

Subdivision:

Lot no.:

Project name:

Description of work:

PROPERTY OWNER

Name:

Address:

City:

State:

ZIP:

Phone:

Fax:

E-mail:

24 / HR. / AFTER HOURS EMERGENCY CONTACT

Name:

Phone:

CONTRACTOR

Business name:

Address:

City:

State:

ZIP:

Phone:

Fax:

E-mail:

CCB license no.:

City / Metro lic. no.:

Insurance Company:

Policy Number:

Signature:

FEES

Inspection Fee

\$

Street Opening Deposit (Refundable)

\$

TOTAL FEES

\$

REFUND STREET OPENING DEPOSIT TO THE FOLLOWING

Name:

Address:

City:

State:

Zip:

Call the OREGON UTILITY NOTIFICATION CENTER for locates a minimum of two working days before you dig, drill, or blast.
“It’s the law” – (1-800-332-2344)

**A COPY OF THIS PERMIT SHALL BE ON SITE WHILE THE WORK IS IN PROGRESS.
CASE OF WATER OR SEWER EMERGENCY, CALL 503-323-5520**

The Applicant is hereby authorized to engage in construction activities in the public right-of-way or public utility easement as set forth herein illustrated on the approved plans. All work shall comply with the approved plans, the City’s specifications and regulations, and special conditions stipulated on this permit, on the approved plans, or as directed by the City Engineer or designee during the performance of the permitted activity. Approval of the plans is to ensure general compliance with City Code and does not relieve the Permittee or its contractors from their respective duties in complying with any applicable Federal or State law or regulation, including but not limited to the Federal Endangered Species Act and its regulations.

Specifications for pavement cuts and excavation in the right of way or utility easement:

Traffic Control Requirements

1. Employ traffic control signage/methods per Manual on Uniform Traffic Control Devices (MUTCD) or Oregon Temporary Traffic Control Handbook. On jobs where a specific traffic control plan is required, work shall not begin until the plan has been reviewed and approved by the City.
2. One travel lane must remain open at all times unless otherwise specified on the traffic control plan.

Pavement Cuts

1. Pavement cuts shall be backfilled with cold mix or covered with secured steel plating at the end of each workday until the final asphalt patch is placed. Cold mix shall be placed around all edges of the steel plates. Overnight gravel patches are prohibited on a traveled way. Temporary patches shall be regularly checked and maintained.
2. If steel plates are used, “STEEL PLATES IN ROAD” signs must be installed in accordance with the MUTCD.
3. All pavements, including driveway crossings and curbs, shall be saw cut prior to final repair.
4. Saw cut slurry will be vacuumed as the cut is made.
5. Excavated spoils will be loaded directly in a truck. Spoils may not be stockpiled in the street.
6. Concrete wash water, saw cut slurry, mud or other debris may not be washed into the City’s storm or sanitary system or deposited in the right-of-way.

Trench Backfill Requirements

1. Granular backfill shall consist of ¾”-0 crushed aggregate compacted to 95% of maximum dry density as determined by AASHTO T-180. Aggregate shall meet specifications for base leveling courses for paving and surfacing (see Milwaukie Public Works Standards Division 505.03).
2. Controlled Density Fill (CDF) shall be used if specified on the approved permit. CDF shall meet the requirements of Milwaukie Public Works Standards Division 205.02.14 and Standard Drawing #515.

Pavement Patching

1. Pavement patching shall be installed in a minimum of two lifts (maximum 3” lifts) of Class C hot asphalt mix. Patch seams shall be tack-coated and sand-sealed. Thickness of asphalt patches depends on street classification and shall conform to Milwaukie Standard Drawing #515.
2. Results of all compactions tests shall be submitted to the Engineering Department (if required).
3. Rock grade inspections must be scheduled and approved prior to installing the final pavement patch. Any patch installed prior to inspection is subject to additional testing and/or removal at the Applicant’s expense.
4. Potholing for utilities shall be circular holes using a vacuum device. All potholes shall be filled with CDF or Bentonite to the bottom of the existing asphalt. Asphalt shall be replaced to the same thickness as existing, but shall not be less than 4 inches thick.

Hours of Work

Noise generating equipment is limited to the following hours of operation by the City’s noise ordinance (MILWAUKIE MC 8.08.070I): Weekdays 7:00 a.m. to 7:00 p.m.; Saturdays 8:00 a.m. to 5:00 p.m. See front of permit for the hours the project street may be occupied.

Erosion Prevention and Sediment Control Requirements

1. See Milwaukie Municipal Code 16.28 (<http://www.ci.milwaukie.or.us/departments/pubworks/pubworks.html>)
2. Cover all stock piles with plastic.
3. Do not stock pile in the street.
4. Protect storm infrastructure main breaks or heavy rain.