

#### The City of Scattle

# Landmarks Preservation Board

Mailing Address: PO Box 94649, Seattle WA 98124-4649 Street Address: 600 4th Avenue, 4th Floor

## CERTIFICATE OF APPROVAL APPLICATION

The following information must be provided in order for the application to be complete, unless the Board staff indicates in writing that specific information is not necessary for a particular application, or the applicant makes a written request to submit an application for a preliminary design approval as set forth on page four of this application, and the staff agrees to accept the application.

Building/Property Name:	Queen Anne Boulevard
Building/Property Address:	
Landmark District: (if applicable):	
Applicant:	Nicholas Johnson, Out of Class (OOC) Arborist
Applicant's Address:	1600 S Dakota St. Seattle, WA 98108
Applicant's Phone:	206-684-4111
Applicant's Email:	Nich.johnson@seattle.gov
Property Owner's Name: (printed)	City of Seattle Parks and Recreation
Property Owner's Address:	100 Dexter Ave N, Seattle, WA 98109
respectly of the stranders.	
Property Owner's Signature:	Nicholas Johnson

**Note:** If the applicant for this certificate is not the building/property owner the application **must** be signed by the building/property owner in the space indicated, above, or accompanied with a signed letter from the building/property owner designating the applicant as the owner's representative.

#### **FEE INFORMATION**

SMC 22.900G.010 requires that an application fee be charged for each review for a Certificate of Approval. The fee is determined by the dollar value of the proposed project:

#### Design Approval

\$0 - \$1,500 of construction costs	\$25.00
Each additional \$5,000 of costs	\$10.00
Maximum fee per review	\$4,000.00*

<sup>\*</sup> Except that the maximum fee for a Certificate of Approval for new construction projects shall be \$20,000; except projects including housing financed, in whole or in part, by public funding; or projects that elect the MHA performance option according to Sections 23.58B.050 or 23.58C.050.

Estimate the construction costs, calculate the fee and make checks payable to the City of Seattle.

Total Project Cost related to project work included in application:	\$89,000.00
Fee Submitted	\$205.00

The Landmarks Preservation Board has been designated by the Seattle City Council to review and approve certificates for changes to landmark buildings. Controls on landmarks vary depending on whether they are individually designated or located in one of four landmark districts (Columbia City, Fort Lawton, Harvard-Belmont, and Sand Point Naval Air Station) under the jurisdiction of the Landmarks Preservation Board. To assure that your submission has considered all the impacts to the landmark, or landmark district, contact Board staff. The Board staff can provide applicants with design guidelines, historic preservation references and information on other applicable regulations through the City's Historic Preservation Division, 615-1786.

#### 1. **Description**

Describe the proposed work and <u>any</u> changes it will make to the landmark building or property. All items must be included in this application. (Attach additional pages if necessary.)

Seattle Parks and Recreation (SPR) Urban Forestry Unit has identified twenty-four trees at eight areas that necessitate removal along Queen Anne Boulevard. The trees which were identified are creating hazards for park users, adjacent property owners, or passing vehicles in the right-of-way.

For this project there will be two applications for a Certificate of Approval. This is the first application and it is requesting approval to remove twenty-four trees and grind the stumps in seven areas along Queen Anne Boulevard. Please see the attached report, photos and basic tree risk assessment forms. The second application will request approval for planting new trees in the seven areas. At many of the tree removal areas decay organisms (e.g. fungi and mold) were identified that could infect the replacement trees if tree species listed on an approved planting list are used. It will take time to identify appropriate species that are resistant to the identified diseases and adhere to the landscape design intentions of Queen Anne Boulevard. SPR will be coordinating with the Friends of Seattle's Olmsted Parks, the Queen Anne community and others to select tree species.

The trees identified in the attached report create hazards for park users, adjacent property owners and passing vehicular traffic. A number of these trees need to be addressed immediately. In response to requests for inspection and recent tree failures, in mid-2020 an SPR arborist conducted a visual assessment of trees the along the boulevard. The trees recommended for removal are considered untenable to retain as they have become structurally unsound due to decay organisms. The assessments were conducted by ISA Certified Arborists/Qualified Tree Risk Assessors and reviewed by the SPR lead urban forester, a Board-Certified Master Arborist/Qualified Tree Risk Assessor.

Due to the nature of boulevards planted with monocultures, the trees along Queen Anne Boulevard are vulnerable to disease. Seven areas have been identified on the boulevard where communicable pathogens/insects exist and have the potential for high tree mortality.

Figure 1 – Tree Removal Areas

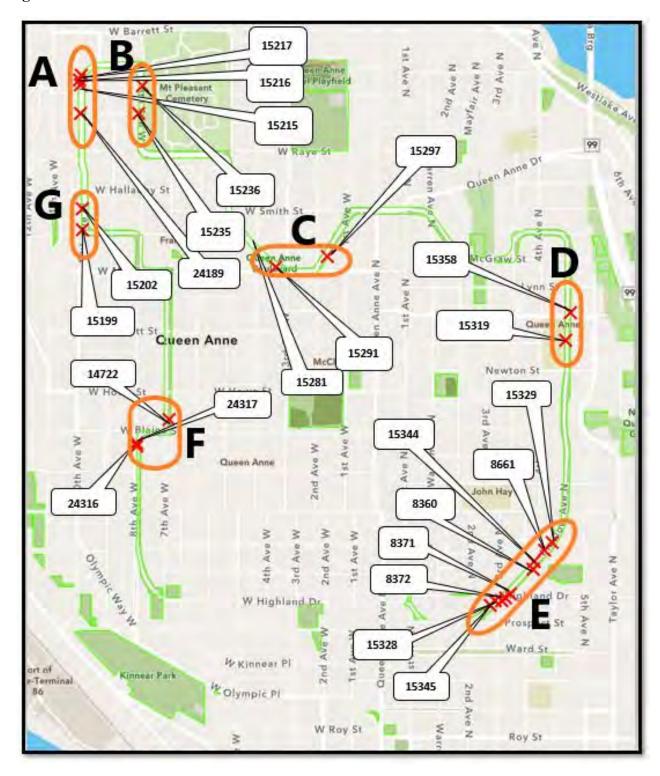


Table A – Tree Condition Assessment by Area

Tree ID	Area	Tree Location	Tree Species	Common Name	Condition Rating	DBH	Concern
15215	A	2821 10 <sup>th</sup> Ave W	Betula Sp.	Birch	Very poor	19	Dying.
15216	A	2821 10th Ave W	Castanea mollissima	Chinese Chestnut	Very Poor	32	Structurally unsound. Dying. Kretzschmaria deusta, root decay
15217	A	2821 10th Ave W	Castanea mollissima	Chinese Chestnut	Very Poor	30	Structurally unsound. Dead. Kretzchmaria duesta, root decay
24189	A	2705 10 <sup>th</sup> Ave W	Betula papyrifera	Paper Birch	Poor	12	Dying. Bronze Birch Borer.
15235	В	2701 8th Ave W	Betula Sp.	Birch	Dead	16	Rapid state of decline.
15236	В	2803 8th Ave W	Betula Sp.	Birch	Dead	16	Structurally compromised. Leaning into street.
15281	С	2418 4th Ave W	Acer platanoides	Sycamore Maple	Dead	32	Dying, failed, removed July 2020. Cryptostroma Coracle
15291	С	316 W McGraw Pl	Acer rubrum	Red Maple	Poor	14	Structurally compromised.  Kretzschmaria deusta, root decay.
15297	С	2412 2nd Ave W	Acer pseudoplatanus	Sycamore Maple	Very Poor	22	Dying, effectively dead. Cryptostroma corticale.
15319	D	411 Boston St	Acer pseudoplatanus	Sycamore Maple	Very Poor	24	Structurally compromised. Dying. Cryptostroma corticale
15358	D	452 Boston St	Acer platanoides	Norway Maple	Very Poor	24	Dying. Cryptostroma corticale.
8360	Е	1204 Bigelow Ave N	Castanea mollissima	Chinese Chestnut	Poor	45	Effectively dead. Structurally compromised. Kretzchmaria duesta root decay.
8371	Е	309 Highland Drive	Castanea mollissima	Chinese Chestnut	Poor	50	Effectively dead Structurally compromised. Kretzchmaria duesta, root decay.

Tree	Area	Tree Location	Tree Species	Common	Condition	DBH	Concern
ID				Name	Rating		
8372	E	309 Highland	Castanea	Chinese	Very Poor	32	Dying. No longer
		Drive	mollissima	Chestnut			functional.
8661	Е	1249 Bigelow	Castanea	Chinese	Poor	24	Structurally
		Ave N	mollissima	Chestnut			compromised.
							Kretzschmaria
							deusta, root decay.
15328	E	1133 Bigelow	Castanea	Chinese	Very Poor	26	Effectively dead.
		Ave N	mollissima	Chestnut			Large dead branches
							pose street and
							sidewalk hazards
15329	E	365 Lee St	Castanea	Chinese	Very Poor	23	Structurally
			mollissima	Chestnut			compromised.
							Dying effectively
							dead. Kretzschmaria
							deusta, root decay.
15344	E	1228 Bigelow	Castanea	Chinese	Very Poor	30	Structurally
		Ave N	dentata	Chestnut			compromised.
							Kretzchmaria duesta,
							root decay.
15345	Е	1133 Bigelow	Castanea	Chinese	Poor		Effectively dead.
		Ave N	mollissima	Chestnut			
14722	F	1804 7th Ave W	Acer	Sycamore	Dead	16	Dead.
			pseudoplatanus	Maple			Cryptostroma
							corticale
24316	F	1627 8th Ave W	Chamaecyparis	Lawson's	Dead	18	Dead.
			lawsoniana	Cypress			Phytophthora.
24317	F	1629 8th Ave W	Chamaecyparis	Lawson's	Dead	14	Dead.
			lawsoniana	Cypress			Phytophthora.
15199	G	2507 10th Ave W	Crataegus	Black	Very Poor	14	Compromised
			douglasii	Hawthorn			structure
15202	G	2527 10 <sup>TH</sup> Ave	Tilia cordata	Little Leaf		16	Cannot be pruned to
		W		Linden			provide adequate
							street clearance.

- 2. Four (4) sets of scale drawings with all dimensions shown of:
- a. A site plan of existing conditions, showing adjacent streets and buildings and a site plan showing proposed changes; N/A
- b. A floor plan showing the existing features and a floor plan showing the proposed new features or changes; **N/A**
- c. Elevations and sections of both the proposed new features and the existing features; **N/A**
- d. Construction details; N/A
- e. A landscape plan showing existing features and plantings, and another landscape plan showing proposed site features and plantings. See Table A.

- 3. Photographs of any existing features that would be altered and photographs showing the context of those features such as the building facade where they are located. The photographs must clearly show these features; *Polaroids*, *digital photos and/or color Xeroxes may not be accepted. Clear digital photos are accepted.*
- 4. One (1) sample of proposed colors, if the proposal includes new finishes or paint, and an elevation drawing or a photograph showing the location of proposed new finishes or paint. **N/A**
- 5. If the proposal includes new signage, awnings, or exterior lighting: N/A
- a. Four (4) sets of scale drawings of proposed signage or awnings showing the overall dimensions, material, graphic designs, typeface, letter size and colors;
- b. Four (4) sets of a plan, photograph, or elevation drawing showing the location of the proposed awning or sign;
- c. Four (4) copies of details showing the proposed method of attaching the new awning, sign, or proposed exterior lighting;
- d. One (1) sample of proposed sign colors or awning material and color;
- e. The wattage and specifications of the proposed lighting, and a picture of the lighting fixture;
- 6. If the proposal includes demolition of a structure or object:
- a. A statement of the reason(s) for demolition; **See attached arborist's report.**
- b. A description of the replacement structure or object. **See attached arborist's report.**
- 7. If the proposal includes replacement, removal, or demolition of existing features, a survey of the existing conditions of the features being replaced, removed, or demolished.

#### **Determination of Completeness**

The staff shall determine whether an application is complete and shall notify the applicant in writing within twenty-eight (28) days of the application being filed whether the application is complete or that the application is incomplete and what additional information is required before the application will be complete. Within fourteen (14) days of receiving the additional information, the staff shall notify the applicant in writing whether the application is now complete or what additional information is necessary. An application shall be deemed to be complete if the staff does not notify the applicant in writing by the deadlines in this section that the application is incomplete. A determination that the application is complete is

not a determination that the application is vested.

The determination of completeness does not preclude the staff or the Board from requiring additional information during the review process if more information is needed to evaluate the application according to the standards in SMC 25.12 and in any rules adopted by the Board, or if the proposed work changes.

#### **Preliminary Design**

An applicant may make a written request to submit an application for a Certificate of Approval for a preliminary design if the applicant waives in writing the deadline for a Board decision on the final design and any deadlines for decision on related permit application under review by the Department of Construction and Land Use. *A written waiver must be included with this application.* The staff may reject the request if it appears that approval of a preliminary design would not be an efficient use of staff or Board time and resources or would not further the goals and objectives of SMC 25.12 To be complete, an application for preliminary design must include the information listed above on page one of this application and in Section 1. Description, Section 2a.- 2c., Section 3, and Section 6. *A Certificate of Approval that is granted for a preliminary design shall be conditioned upon subsequent submittal and Board approval of the final design, including all of the information listed above in subsection B, prior to issuance of permits for work affecting the landmark.* 

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# **Arborist Report**

**Date:** July 24, 2020

To: COS Landmarks Preservation Board From: Nicholas Johnson, OOC Arborist

**Subject:** 2020 Queen Anne Boulevard Tree Removals

# **Queen Anne Boulevard Tree Removals**

### **Summary**

Seattle Parks and Recreation Urban Forestry has identified twenty-four trees that necessitate removal along Queen Anne Boulevard (QAB). The trees we have identified are all creating a hazard for park users or adjacent property owners. A number of these trees need to be addressed immediately.

In response to requests for inspection and recent tree failures, a Seattle Parks and Recreation arborist performed a drive through assessment of the boulevard. This assessment involved driving the loop and looking for obvious tree issues. When an obvious condition of concern was noticed, the arborist would stop and perform a more detailed inspection.

Only trees that are untenable to retain are being recommended for removal. The assessments were conducted by ISA Certified Arborists/ Qualified Tree Risk Assessors and reviewed by myself, a Board-Certified Master Arborist/ Qualified Tree Risk Assessor. The trees contained in this report are a liability and cannot be retained.

#### <u>Introduction</u>

Queen Anne Boulevard is a network of fifteen streets encircling Queen Anne. This boulevard extends for 3.7 miles and is heavily trafficked by automobiles, bicyclists and walkers. There are many residences along this boulevard as well as utilities and public transit lines.

Many of the trees along this road are mature and there is a lack of diversity in their age. Trees become more susceptible to environmental stress as they age and become larger. This is the point in their life where trees become less vigorous in their growth and typically will die or begin to retrench.

Our region has experienced repeated drought and warmer than normal temperatures. These conditions are extremely taxing for trees. Once trees have been subject to environmental stresses they become more susceptible to decay and insect attack. Due to the age of the trees and the environmental stressors being put on them it is not surprising to see large numbers of trees decline along the boulevard.

Large monocultures of trees lacking age diversity are failing due to environmental stress all over Seattle. If these environmental stresses persist we could be faced with the loss of many more trees.

To be successful in maintaining a heathy tree canopy we need to be intentional about how we plan for the future. We need greater diversity in tree age and species to limit the risk of mass tree casualty we are currently exposed to.

I believe that with thought and planning we can perpetuate the design intentions of this boulevard while creating a more resilient tree canopy.

#### **Observation**

The observations made of each tree are provided in the supporting materials. I personally have not inspected every tree listed in this report. Three arborists supported the creation of this application and I have spoken extensively with each of them about their observations. I am intimately familiar with the general tree issues along this boulevard.

#### Pests and diseases observed in trees:

The pests and diseases listed below are common in the Pacific Northwest. Our team of arborists have been trained in the field identification of these organisms and their mode of action. Although these pests/diseases have not been positively identified by a scientific laboratory, I am extremely confident in our ability to field identify these organisms.

One birch is being attacked by *Agrilus anxius*, an insect commonly called referred to as bronze birch borer. This insect's larvae, feed on the vascular tissue under tree bark. An infested birch will show dieback in the crown, increasing in severity as the infestation continues, often leading to death of the tree. Retaining host trees allows this pest opportunity to multiply and spread to new hosts. **Tree ID – 241895.** 

Four trees have been identified as hosting *Cryptostroma corticale*. This is a fungus that causes disease in maples. The spores of this fungus can grow profusely under the bark of

affected trees and causes disease and death. The spores are allergenic and can cause debilitating pneumonitis in humans. Non-native maples seem to be most at risk of succumbing to this disease in hot weather. It likely that we will see more maples on the boulevard succumb to this disease. **Tree ID – 14722, 15281, 15297, 15358.** 

Two trees have died from *Phytophthora*, a plant-damaging oomycete (water mold) that caused the sudden death of these trees. **Tree ID – 24316, 24317.** 

Eight boulevard trees have observable signs of *Kretzschmaria deusta*. This is a fungus that causes soft rot and can cause sudden breakage in seemingly healthy trees. This fungus is often found in the roots and lower stem of trees but can also infect the upper canopy. **Tree ID – 15216, 15217, 8661, 15344, 8360, 8371, 15329.** 

Two trees on Queen Anne Boulevard have partially failed into the road and have been subsequently struck by vehicles. These trees are too low over the road and cannot be pruned to correct this condition. The portions of the trees protruding into the road are the tree trunks. **Tree ID – 15202, 15215**.

Eighteen of the trees are either dead or in an advanced state of decline. **Tree ID – 24316**, 24317, 14722, 24189, 15215, 15216, 15217, 2701, 15281, 15297, 15319, 15329, 8360, 8371, 8372, 15328, 15345, 15358.

#### Discussion

Many of the trees have died or become structurally unsound due to decay organisms. The introduction of the decay organisms and their ability to proliferate is likely related to past years of drought and warmer than normal temperatures.

Many of the tree removal sites have decay organisms identified that could infect the replacement trees if we keep to the approved planting list. It will take time to identify appropriate species that are resistant to the diseases and adhere to the design intentions.

The issues and immediacy of the tree removals along Queen Anne Boulevard are not isolated to this one site. I have observed a staggering number of trees declining rapidly within the last few years. Some of the pathogenic issues along this boulevard have only begun to develop. I anticipate many more trees dying within the coming years.

It is shocking and difficult to see such a mature landscape decline so rapidly. It is also very difficult to manage. I am confident that we will be able to work effectively through these

challenges. We will need time to be thoughtful and deliberate about what trees will be planted, so we can avoid similar issues in the future.

## **Conclusion**

Due to the vulnerable nature of boulevards planted with monocultures and lacking age diversity, these trees are vulnerable to pests and disease. There are currently seven sections along the boulevard that I have observed having high potential for tree mortality or are subject currently to communicable pathogens/insects.

The trees we are proposing to remove are hazardous and many are dead. We have not been able to identify acceptable or practical remedies to retain the trees that are still alive. The trees contained in this *Certificate of Approval Application* require removal.

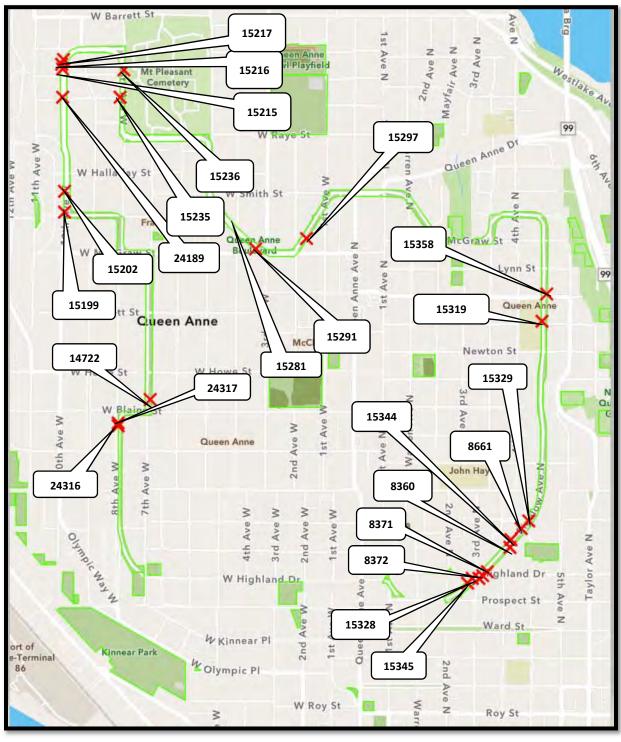


Nicholas Johnson

City of Seattle, Seattle Parks and Recreation Urban Forestry
ISA Board Certified Master Arborist PN-5662BM
ISA Certified Arborist Municipal Specialist
ISA Tree Risk Assessment Qualified
ASCA Tree and Plant Appraisal Qualified

Office: 206-684-4111 | Mobile: 206-418-8595

Queen Anne Site Map with Tree Inventory Number Callouts



# TRE-24316: Lawson's Cypress

This tree is adjacent to 1627  $8^{\text{th}}$  Ave W, and is dead.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
24316	Queen Anne Boulevard	Chamaecyparis lawsoniana	Lawson's Cypress	Dead	18	Dead. <i>Phytophthora</i> .



	Seattle Landmarks Preservation Board s/Tree location Across from 1627 8th Ave W, Seattle,WA, 98109	nevt to wall on east side	Date_8	+www.	- TR	F-2431	8	ne 11:45am Sheet 1	of	2
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	or(s) Mark Malone	dbh 18"  Time frame 1 Year	neight	Tools us	sed M	allet, D	BH tap	e, and GPS		
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2	Parked cars					1	1	3	Υ	Υ
3	Road			-	1	1	1	4	N	N
4	Sidewalk					1	1	4	N	N
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į.	Branch	ies [	Dead	branche	s	6"	15'	1	N	0	0	0	O	0	0	0	0	0	0	0			0		0	Low
1						6"	15	2	N	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	Low
						6"	151	3	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Low
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2				outt rot a	nd	18"	35	2	N	0	0	0	0	0	0	0	0	0	0	0	0		0	<b>O</b>	Q	Low
			227	3		18"	35	3	N	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	Low
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		lack of roots.			18"	35	3	N.	Ó	0	Ó	Ó	Ó	Ó	O	0	Ó	0	Ó	O	O	0	d	Ó	Low	
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# TRE-24317: Lawson's Cypress

This tree is adjacent to 1629 8th Ave W, and is dead.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
24317	Queen Anne Boulevard	Chamaecyparis lawsoniana	Lawson's Cypress	Dead	14	Dead. <i>Phytophthora.</i>



ddress/	title Landmarks Preservation Board	Date 8/3/				me 12:45am		
	Tree location Across from 1629 8th Ave W. Seattle, WA. 98109	next to wall on east side of street.	Tree no. Tr	E-243	17	_ Sheet 1		2
	(es_Lawson's Cypress (Chamaeoypans lawsoniana)	_ dbh_14" Height_3 Time frame 1Year	5' Tools used M	Cros	Wn sp	read dia. 18	3	_
ssessor(	S) Mark Malone		oois used_w	ranet, L	ын тар	e, and Gra		
	Ţ	arget Assessment						
140				rget zo	1.0	Occupancy	22	
Target	Target description		Target within drip line	Target within 1x Ht.	Farget within 1.5 x Ht.	tate 1-rare 2-racational 3-frequent 4-constant	Practical to move target?	Restriction
1	House			1	1	4	N	N
2	Parked cars			1	1	3	Υ	Y
3	Road		1	1	1	4	N	N
4	Sidewalk			1	1	4	N	N
		Site Factors			_		•	
story of	failures	Торо	graphy Flat	Slop	e 5	%	Aspec	t N
Vind exporting description of the control of the co	— Crown LCR_0_% d twigs/branches 100% overall Max, dia. 6" en/Hangers Number Max, dia.	Load Factors    Wall next to tree   Pace   Wall next to tree   Pace   Wall next to tree   Pace   Wall next to tree   Wall next	telative crov ines/Mistlet of Failure	vn size	s Sma	Lightning da	mage l d bark l % ci	
Ove Prur Crov Red Flus	r-extended branches  ing history  wn cleaned  Thinned  Raised   uced  Topped  Lion-tailed  h cuts  Other  n concern(s) Tree is dead and all are its branches.	Previous branch failures   Dead/Missing bark   Conks   Heart Response growth	s/Galls/Burls wood decay		Sapwo	ood damage/	decay	
Ove Prui Crov Red Flus Mail Load Like	ning history  wn cleaned	Dead/Missing bark	s/Galls/Burls wood decay  Roots and	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	Sapwo	ood damage/	decay	
Over Prus Crov Red Flus Main Like Dear Code Sapv Light Lear Response	Ining history  Who cleaned   Thinned   Raised   Uced   Topped   Lion-tailed   houts   Other    In concern(s) Tree is dead and all are its branches.  In don defect   N/A   Minor   Modera    Ilihood of failure   Improbable   Possible   Probable    —Trunk —  Id/Missing bark   Abnormal bark texture/color	Dead/Missing bark	Roots and sible Decay avity maged roots	Rocepth%cii	Sapwo	ood darnage/ ollar —  Stem gi /Mushrooms	rdling (	

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number							9	number			Failu	ire			lmpa					k Imp latrix 1	ALC:	Con	sequ	rence	es	
Condition number	Tree pa	art		ondition f concer		Part size	Fall distance	Target nur	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Untifiedy	Somewhat	Ukely	Very likely	Negligible	Minor	Significant	Severe	Risk rating of par (from Matrix)
į	Branch	es	Dead	branche	s	5"	15	1	N	0	0	0	O	0	0	O		0	0	0	0	OK	<b>9</b>	$\mathcal{K}$		Low
1						5"	15	2	N	0	0	0	0	0	0	Q		0	0	0	0		<u> </u>	$\propto$		Low
						5"	15'	3	N	O	0	Q	Ō	O	Ó	Ŏ(	<u></u>	0	0	0	0	<u> </u>		QK(	2	Low
2	Trunk					14"	35	1	N	0	0	Q	Q	O	Q	9	의	<u>o</u>	Q	Ŏ	Ŏ	Ø	<u></u>	Ŏ(	2	Low
2					niu -	14"	35	2	N	0	0	Q	0	0	<u>©</u>	X		9	Q	Q		¥	K	$\circ$	2	Low
		-	1			14"	35'	3	N	2	100	¥	Ŋ	$\aleph$	M	X	읮	의	$\otimes$	S	$\mathbb{R}^{()}$	¥	<u></u>	X	4	Low
3	Roots	Trunk Whole tree failure from butt rot and lack of roots.  Whole tree failure from butt rot and lack of roots.  Whole tree failure from root rot and lack of roots.  Whole tree failure from root rot and lack of roots.  Likelihood matrix.  Likelihood matrix.  Likelihood Likelihood Low		14"	35'	1	N	2		¥	$\subseteq$	$\mathbb{Z}$	¥	씕	밁	읮	$\stackrel{\smile}{=}$	Ä	식	¥	읮	4	4	Low		
3		from root rot and		14"	35'	2	N	2		¥	$\cong$	$\cong$	$\otimes$	X	إ	의	2	S	义	¥		<b>*</b>	4	Low		
		lack of roots.			14"	35	3	N	K	12	×	×	$\approx$	×	X	읚	×	$\approx$	X	묏	4	읮	X	4	Low	
4									2	K	X	$\approx$	K	X	쑀	4	H	2	×	SI.	4	믯	*	4		
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TRE-14722: Sycamore Maple

This tree adjacent to 1804 7<sup>th</sup> AVE W 98119 and is dead.

Tree ID	Park Name	Tree Species	Common Name	Condition	DBH	Concern
14722	Queen Anne	Acer	Sycamore	Dead	16	Dead.
	Boulevard	pseudoplatanus	Maple			Cryptostroma corticale



	andmarks Preservation Board				Date 8/4/20	20			me 3pm		
ddress/Tree	location Adjacent to 1804	7th Ave W, Seattle				ee no. Tr			_ Sheet 1		2
	Sycamore Maple (Acer pseudo	oplatanus)		dbh_16"	Height 25'		Crov	vn sp	read dia. 22	2.	
ssessor(s) M	ark Maione			Time frame 13	ear Too	ols used_M	allet, D	вн гар	e and GPS	_	
			Tan	get Assessmer	t	-				_	
						Ta	rget zo	ne	Occupancy		
Target		Target	description			Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	rate 1 - nace 2 - reconform 3 - frequent 4 - constant	Practical to move target?	Restriction
1		н	ouse				1	1	4	N	N
2		Park	ed cars			1	1	1	3	Υ	Y
3		F	Road			1	1	1	4	N	N
4		Sid	lewalk			1	1	1	4	N	N
				Site Factors							ě T
oil conditions	one■ Grade change□ Limited volume□ Satur	rated Shallow	☐ Compact	ed Pavemen	oot cuts Describ	e% Des	cribe			, where	
revailing win	d direction SW Com	mon weather S	in the state of the state of			Describe	Seas	onal d	irought		
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becies failule	Prome pranches in Tru	MODISIA		Load Factors		- / Bermintl	- SALIM		as to suite	20,000	
			— Crowi	and Branc							
Dead tw Broken/F Over-ext Pruning Crown of Reduced Flush cu	gs/branches  100% langers Number ended branches  history eaned Topped	Max. dia	ailed 🗆	Codominant  Weak attachme Previous branc Dead/Missing b Conks  Response grow	rits □  n failures □  Cankers/C  Heartwo	alls/Burls		Cavity/ Simila Sapwo	Included Nest hole r branches po ood darnage/	d bark % ci resent decay	re.
Load on Likelihoo	defect N/A 🗆										
Sapwood Lightning Cavity/Ne Lean	Truni ssing bark ■ A ant stems □ Incl damage/decay ■ Canke damage □ Heartwood de est hole% circ. De* Corrected? e growth ccern(s) Bark falling off e	briormal bark te luded bark □ ers/Galls/Burls □ lecay ■ Conks/N	Cracks  Sap ooze  Mushrooms  Poor taper	De 1 Oo 1 Cra 1 Ro	— Ro lar buried/Not visit ad □ Dec se □ Cav cks □ Cut/Dam ot plate lifting □ sponse growth in concern(s) Dea	ole De	epth % cir Dis	Conks/ rc. stance cness I	Mushrooms from trunk	rdling (	

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umbe						8	number			Failu	ıre			Imp	act				& Imp Matrix		Cor	nseq	uen	ices	
Condition number	Tree pa		Conditions of concern		Part size	Fall distance	Target nun	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely		Negligible	Minor	Significant	Severe	Ris ration of po- (from Matri
	Branche		iple dead s	tems	6"	18'	1	N	0	0	0	0	0	$\odot$	0	O	0	0	0	0	0	$\odot$	0	0	Lo
1		and	branches		4"	10'	2	N	0	0	0	0	0	$\circ$	0	0	0	0	0	0	0	$\odot$	0		Lo
				[	4"	15'	3	N	0	0	0	0	O	0	0	0	0	O	0	0	0	0	0	0	Lo
	Trunk		d trunk		16"	25'	1	N	0	0	0	0	O	0	0	0	0	0	0	0	0	0	0	0	Lo
2			sing sooty		16"	15'	2	N	0	0	0	0	O	O	0	0	0	O	0	0	0	O	0	O	Lo
			spread	Jine I	16"	20'	3	N	0	0	O	O	O	O	0	O	0	O	0	O	O	0	Ó	O	Lo
	Roots	Who	le tree failu	ure	16"	25'	1	N	O	0	O	0	Ó	0	O	O	0	O	O	O	O	O	0	O	Lo
3			lack of livi		16"	15'	2	N	Ó	0	Ó	0	Ó	O	<b>(</b>	Ó	Ó	Ó	Ó	Ó	Ó	Ó	0	Ó	Lo
		lioots	2	Ì	16"	20'	3	N	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	ŏ	Ŏ	Ŏ	Ŏ	Ŏ	ŏ	Ŏ	Ŏ	Lo
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Po Imp	ossible robable	Unlikely Unlikely rating mat	Unlike Unlike	ely	l l	Unlikely	,	Somewhat like Unlikely	:ly		-	+										+			
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# TRE-15199: Black Hawthorn

The hawthorn tree adjacent to 2507  $10^{th}$  AVE W 98119 is hazardous. The tree's supporting structure (trunk) has failed and is being held together by a ratchet strap.

Tree ID	Park Name	Tree Species	Common Name	Condition	DBH	Concern
15199	Queen Anne Boulevard	Crataegus douglasii	Black Hawthorn	Very Poor	14	Compromised structure



TRE-15199: Black Hawthorn



	ervation Board	Out of the		Date 7/23/2020		-		ne 8am		
ddress/Tree location 250	7 10th Ave W. Seattle	,VVA. 98119	0.4.44*	Tree	no. TR	E-1519		_ Sheet 1		2
ee species Hawthome (Crat ssessor(s) Mark Malone	aegus douglasii)		_ dbh_ <sup>14"</sup> _ Time frame_1 Y	Height 20'	Committee Miles	Cros	VN SPI	read dia. <u>30</u> e and GPS		_
ssessor(s) mark majorie		10			usea_m	onet, D	ып тар	e and OFS		
		Ti	arget Assessmen	t	,					
140						get zo	100	Occupancy		
Target number		Target description			Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	rate 1—nare 2—nocational 3—frequent 4—constant	Practical to move target?	Restriction
1		Metro lines			1			4	N	N
2		Road			1			3	N	N
3		Sidewalk			1		111	2	N	N
4									1 = 1	Į.
			Site Factors							
gor Low □ Normal ■ ssts Fras present possible secies failure profile Bran	e carpenter ants	ge None (seasonal)	Abiotic	d) Normal 70	% (	hloro	tic	% Ne	crotic_	
			wn and Branc	ne Likelihood of Fai hes —						
Unbalanced crown Dead twigs/branches Broken/Hangers Nun Over-extended branche	10 % overall	Max, dia. 2"	Weak attachme Previous branch Dead/Missing b	unk  Between 2 main signts  infailures   Cankers/Gall  Heartwood	s/Burls	_ 0	Cavity/ Similar Sapwo		d bark l % ci resent	re.
Pruning history Crown cleaned  Reduced  Flush cuts	Topped  Other	On the Property	Response grow		4.70		er wit		Itlas :	-
Pruning history Crown cleaned  Reduced	Topped  Other  Internal decay in the tree will like N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/A	elv fail. Fras and de Ninor 🏻 Modera	n from the 2 code ecay present at the ste  Significant	minate stems and in the base of the tree.					ICTY:	- - پ

				1				Risk Cate	l					Like	lihoo	od								T
number						500	Ser		Н	Fail	lure		П	Imp					& Im		Cor	nsequ	ience	es
Condition nur	Tree part		ondition		Part size	Fall distance	Target number	Target protection	Improbable	_	0	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Risk rating of part (from Matrix 2)
	Branches		bility of d	ead	6"	4'	1	N	C			O	0	0	0	0	0	0	$\odot$	0	0		$\bigcirc$	High
1	and stems	limbs	failing.	l	6"	20'	2	N	0	X	<b>O</b>	0	0	0	0	0	0	$\odot$	0	$\bigcirc$	$\bigcirc$		<u> </u>	Modera
					6"	20'	3	N	C	XC		0	O	0	0	0	0	0	0	$\circ$	0	$\odot$		Low
	Trunk		al decay		14"	4'	1	N	C	X	<b>O</b>	0	0	0	0	0	0	0	$\odot$	$\bigcirc$	0	0	$\bigcirc$	High
2			in trunk l		14"	20'	2	N	C	XC		O	0	0	0	O	0	0	0	0	0	0	<b>O</b> (	Modera
		1000	week of the h		14"	20'	3	N	C	C	O	O	O	0	0	0	0	0	0	0	0	0	OK	Low
	Roots		yed roots		14"	4'	1	N	C	C		0	0	0	0	$\odot$	0	0	0	0	0	0	$\bigcirc$	High
3		leadir tree fa	ng to who ailure	ie	14"	20'	2	N	C	XC		0	O	0	0	0	0	0	0	0	0	0	0	Modera
				[	14"	20'	3	N	C	XC		O	O	0	0	0	0	0	0	0	0	0	OK	Low
									C	C		0	0	0	0	0	0	0	0	0	0	0	OK	
4				[					C	C		O	O	0	0	0	0	0	0	0	0	0		
									C	XC		O	O	0	0	0	0	0	0	0	0	0	OK	
atı	robable Ur rix 2. Risk rati ikelihood of	ilikely ng matr	Unlik ix.			Jnlikely		Unlikely			-					+			+			+	+	
	lure & Impac	t Ne	gligible	Min			ficant				-	+			+	+			+			+	+	
	Very likely		Low	Mode	_		gh	Extreme			-	+			+	+			+	-		+	+	
Sor	Likely mewhat likel	,	Low	Mode			gh erate	High Moderate														No	rth	
501	Unlikely	У	Low	Lo	_		erate ow	Low												- 2				
oa	es, explana d or sidewal e, there is ex	k, if the	strap is	remove	ed or l	reaks.	Stra	p is girdling th	e e															)
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			14 (9)	¬ м.	derate	п	igh <b>=</b>	Extreme 🗆			,	Wo	rk n	riori	tv	1 -	1 2		3 [	 ] 4				
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liti	rall tree risl					п п	igh 🗆	Extreme 🗆			1	Rec	omr	ner	hab	ince	nect	ion	into	rval				
liti	rall residua	risk	Low [	□ Mo	derate		27.000	Extreme 🗆	т	- /-														-

# TRE-15202: Little Leaf Linden

This tree is adjacent to 2527 10<sup>TH</sup> AVE W 98119. At some point this tree partially failed into the road and stabilized. The main stem is leaning into the road at such a low angle that vehicles are being damaged by it. It cannot be pruned to provide adequate clearance.

Tree ID	Park Name	Tree Species	Common	Condition	DBH	Concern
			Name			
15202	Queen Anne	Tilia cordata	Little Leaf		16	Cannot be pruned
	Boulevard		Linden			for adequate street
						clearance.



Client Seattle Landmarks Preservation Board			Dat	te 8/5/2020				ne loam		
Address/Tree location Adjacent to 2527 10th	Ave W, Seattle, WA., 98109	STEAR		Tree r				Sheet 1		2
ree species Little Leaf Linden (Tilia cordata)		dbh_16"	Hei	ght 40'		Crov	vn spi	read dia. 36	5'	
ssessor(s) Mark Malone		Time frame 1 Ye		Tools u	sed_M	allet,DE	sH tape	and GPS		
	Ta	rget Assessment								
1140						get zo	7.00	Occupancy		
Target пиmber	Target description				Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	rate 1—nare 2—nocarional 3—frequent 4=constant	Practical to move target?	Restriction
1	Metro wires				1	1	1	4	N	N
2	Parked cars				1	1	1	3	Υ	Y
3	Road				1	1	1	4	N	N
4									1 = 1	į.
		Site Factors								
listory of failures Upper trunk leans into re	oad and has been dan	naged by trucks		Topography	Flate	Slope	_ D	96	Aspec	t
Unbalanced crown ■ LCR 90 Dead twigs/branches □% overs Broken/Hangers Number Over-extended branches ■ Pruning history Crown cleaned □ Thinned □ Reduced □ Topped □ Flush cuts □ Other	Wind funneling Interior branches  Defects and Condit  — Crow  Max. dia.  Max. dia.  Raised  Lion-tailed	Few Normal of No	l Densel  e Likelih  les —  its □ _  failures l  rk ■ C	Relative Vines/M  ood of Failt  ankers/Galls,	e crow listlete ure /Burls decay	C	avity/Similar	Lightning da Included Nest hole r branches pr cod darnage/	image l d bark l % di resent l	00 20
Main concern(s) Possible branch fail  Load on defect N/A   Likelihood of failure Improbable	Minor   Moderate	te Significant D								
— Trunk — Dead/Missing bark ■ Abrior Codominant stems □ Included Sapwood damage/decay □ Cankers/G Lightning damage □ Heartwood decay Cavity/Nest hole % circ. Depth Lean 25 * Corrected? Somewhat  Response growth Main concern(s) Damage to upper truiting pacts occur, whole tree failure interests.	mal bark texture/color [ d bark	Dear Ooze Crac Root Resp	ks C	wth n(s) _Limited	De De	epth % cir D Dis	Conks/ c. tance	Stem gi Mushrooms from trunk	rdling (	

		-				-			Risk Cate	egoi	rizatı	on														
umper							9	Iber		$\vdash$	Failu	ire			Likel Imp	líhoo act	d			& Imp		Cor	nseq	quen	ces	
Condition number	Tree pa	art		ondition of concer		Part size	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	vhat	Likely		Negligible	Minor	Significant	Severe	Risk rating of part (from Matrix 2)
Ī	Branch	es		failure o	ver	5"	16"	4	N	C	0	0	0	0	0	0	$\odot$	0	$\overline{oldsymbol{\circ}}$	0	0	0	0	0	$\odot$	Modera
1		71	metro	wires		5"	15'	2	N	O	0	0	0	0	0	$\odot$	0	$\odot$	0	0	0	0	0	0	0	Low
						5"	20'	3	N	C	0	0	0	0	0	0	0	0	O	0	0	0	0	O	0	Low
	Trunk			ks impact		16"	7'	1	N	C	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	Moder
2			trunk road.	leaning i	into	16"	15'	2	N	C	0	0	O	0	0	0	Q	0	0	O	0	O	Q	<b>O</b>	O	Low
		$\perp$				16"	20'	3	N.	O	Q	9	Q	Q	Q	0	Q	0	Q	Q	Ó	Q	O.	0	Q	Low
	Roots			l root spa		16"	7"	4	N	$\mathbb{C}$	<b>(</b>	Q	0	0	0	0	$\odot$	0	$\odot$	0	0	0	0	0	0	Moden
3			towar	neavy lea rds metro		16"	15	2	N	C	Ø	Ŏ	Q	Q	Q	0	Q	0	Q	0	O	O	O	0	O	Low
			wires			16"	20'	3	N	Ó	Ō	Q	Q	Q	Q	9	Q	0	Q	Q	Ŏ	Q	0	Q	Q	Low
^										0	Q	Q	Q	Q	Q	Q	Q	Q	Q	Ŏ	Q	0	0	0	0	
4						2 = 1	1			C	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
										C		U	U	U	U	U	U	Q	Q	Q	U	U	U	U	U	
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mp	robable	Uni	ikely	Unlil			Unlikely	$\overline{}$	Unlikely				+	-	_	+	+	-	-	+	-	_	+	-	-	
latr	ix 2. Risk	rating	g matr	ix.								,	+			+	+			+	-		+	-	_	-
	ikelihood lure & Im		-	in Davidson		nsequen		100					1			-	4			1			1	4		
	Very like		Ne	Low	-	linor derate	10000	ficant igh	Severe Extreme	-			1	- 1												
	Likely		_	Low	Mod	derate	Hi	gh	High				1			D.	1			- (	- 1		KI	arth		1
Sor	mewhat I			Low	-	ow	_	erate	Moderate					ď			Ÿ					ż	-	or th	-	
	Unlikely			Low		Troc box		ow im	Low	_											1					1
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of to	runks clo	ose p	roxim	ity.						Ξ			4				-3	1			1	5	Ċ		ز	
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	rall tree rall resid		70.00					- C	Extreme   Extreme					1936		9%					rval					
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									es Root coll					W 7	Nic	ancie	SI Sec		Tathon	100		-	Colle	LTS.	_	

# TRE-24189: Paper Birch

This birch is adjacent 2705 10<sup>TH</sup> AVE W 98119. The top half of this tree is dead. We have every reason to suspect that this tree is infested with *Agrilus anxius*, bronze birch borer. I expect the entirety of the tree to be dead within the next two years.

Tree II	D Park Name	Tree Species	Common Name	Condition	DBH	Concern
24189	Queen Anne Boulevard	Betula papyrifera	Paper Birch	Poor	12	Dying. Bronze Birch Borer.



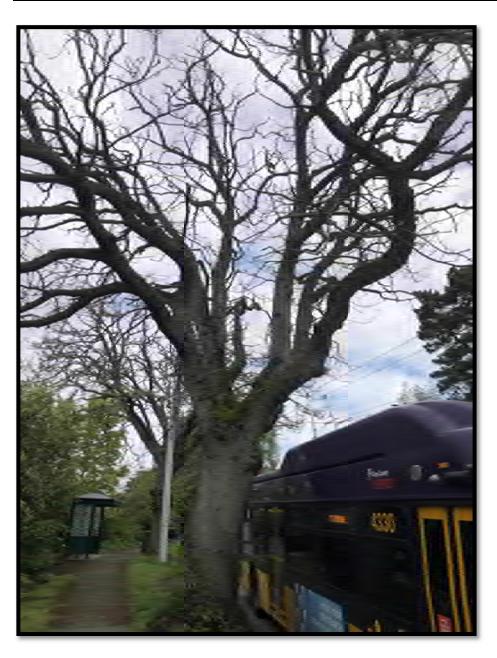
	Seattle Landmarks Preservation Board			Date 8/5/20	020	2 15 15		me 10:45am		
	ess/Tree location Adjacent to 2705 10th Ave W, Seat				Tree no. TR			Sheet 1		2
	pecies Paper Birch (Betula papyrifera)		dbh 12"	Height 30	ools used M	Crov	vn spi	read dia. 2	2"	_
sses:	sor(s) Mark Malone		Time frame 1 Yes		ools used_M	allet,Dt	on tape	and GPS		
	T	Та	rget Assessment		-				_	
						rget zon		Occupancy		
Target	Target	t description			Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	rate 1-race 2-racational 3-frequent 4-constant	Practical to move target?	Restriction
1	Me	etro line			1	1	1	4	N	N
2	Pari	ked cars			1	1	1	3	Υ	Υ
3		Road			1	1	1	4	N	N
4									i E	Į.
			Site Factors							
istor	γ of failures			Topogr	raphy Flat	Slope	e 🗆 _	.96	Aspec	
te ch	nanges None□ Grade change□ Site clearing□	Changed soi	hydrology A Roc	t cuts Descri	ibe					
	onditions Limited volume ☐ Saturated ☐ Shallov					cribe				
	iling wind direction SW Common weather	and the second second								
		and the second s	Ith and Species I					23		
igor	Low ■ Normal □ High □ Foliage None			□ Normal 4	0 % 0	hlorot	Hc 10	% Ne	crotic	50
-	Bronze birch borer			and the same of th						
			Abiotic				10			
	es failure profile Branches Trunk Roots 🗆	Describe Cr	Abiotic	bronze birch l	borer, and		10			cay.
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Not So So	rix 2. Risk ikelihood lure & Im Very likel Likely mewhat I Unlikely es, expla e to an im her. Larg	rating ma l of pact   p	Negligible Low Low Low Low of Bonze on trunk su	Cons Min Mode Mode Lov Lov ons Th Birch Be	equen erate erate w w w is tree	Signit Hi Hi Mod Lo e has a	Failure ficant igh igh erate ow a dead	e : Severe : Extreme High Moderate Low d top near met tinue to kill the	tro		-											dual	l risl		
Not So	rix 2. Risk ikelihood lure & Im Very likel Likely mewhat I Unlikely es, expla e to an im her. Larg	rating ma l of pact   p	Negligible Low Low Low Low of Bonze on trunk su	Cons Min Mode Mode Lov Lov ons Th Birch Be	equen erate erate w w w is tree	Signit Hi Hi Mod Lo e has a	Failure ficant igh igh erate ow a dead	e : Severe : Extreme High Moderate Low d top near met tinue to kill the	tro		-									R	lesio	dual	l risl	k	
Not So	rix 2. Risk ikelihood lure & Im Very likel Likely mewhat I Unlikely es, expla e to an im her. Larg	rating ma l of pact   p	Negligible Low Low Low Low of Bonze on trunk su	Cons Min Mode Mode Lov Lov ons Th Birch Be	equen erate erate w w w is tree	Signit Hi Hi Mod Lo e has a	Failure ficant igh igh erate ow a dead	e : Severe : Extreme High Moderate Low d top near met tinue to kill the	tro		-									R	lesio lesio	dual	l risl I risl	k	
Not So	rix 2. Risk ikelihood lure & Im Very likel Likely mewhat I Unlikely es, expla e to an im her. Larg	rating ma of pact ply likely ranations, festation pe crack of	Negligible Low Low Low Low Of Bonze on trunk su	Cons Min Mode Mode Lov Lov Ons Th Birch Bouggests	equen erate erate w w w is tree	Signitic Sig	Failure ficant igh igh erate ow a dead	e Extreme High Moderate Low d top near met tinue to kill the likely.	tro		-	Wool	rk pr	iori	ty	1	1 2		3.5	R	lesio lesio	dual	l risl I risl	k	
So Note due furt	rix 2. Risk ikelihood lure & Im Very likel Likely mewhat I Unlikely es, explate to an im her. Larg	rating ma of pact ply likely r mations, festation pe crack of prions	Negligible Low Low Low Low Low Adscription of Bonze on trunk st	Cons Min Mode Mode Lov Lov Ons Th Birch Bouggests	equentor rate versate	Signition Hill Model Lo	Failure ficant igh igh erate ow a dead I cont	e Extreme High Moderate Low d top near met tinue to kill the likely.	tro											R R R	tesid tesid	dual dua dua dua	l risl l risl l risl	k k k	
So Note due furt	rix 2. Risk ikelihood lure & Im Very likel Likely mewhat I Unlikely es, expla to an in her. Larg gation o	rating ma of pact r ly ly likely r mations, festation se crack of prions risk ratin lual risk	Negligible Low Low Low Low Low Adscription of Bonze on trunk st	Cons Min Mode Lov Lov Ons Th Birch Be uggests	equentor   sequenter   sequent	Signition Hill Signification Hill Model Loc	Failure ficant ficant figh igh erate ow deacate I cont a deacate ay is	e Extreme High Moderate Low d top near met tinue to kill the likely.	tro		F	Reco	omn							R R R	tesid tesid	dual dua dua dua	l risl l risl l risl	k k k	

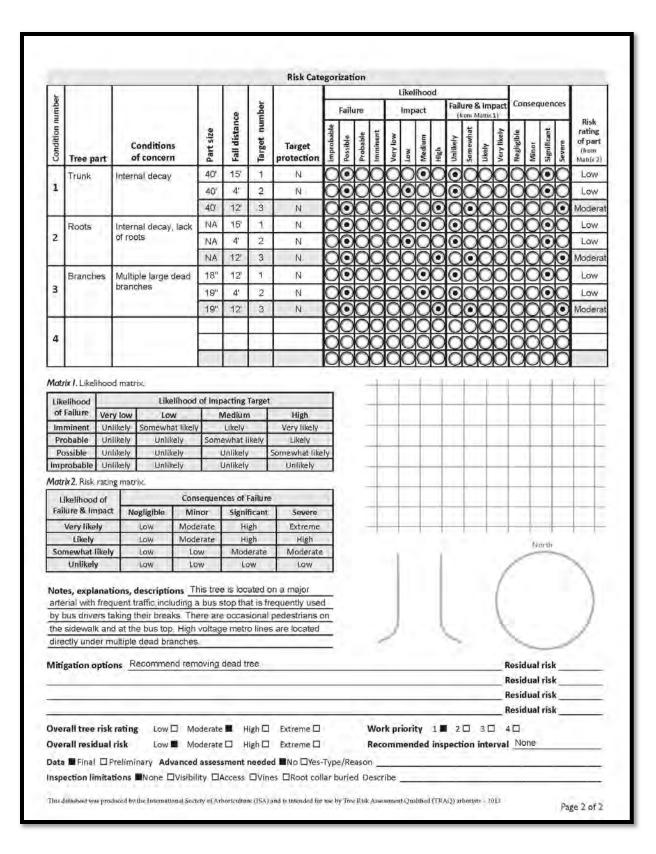
# TRE-15215: Chinese Chestnut

This tree is due south of 2821  $10^{\text{TH}}$  AVE W 98119. This tree is dead and structurally compromised.

Tree ID	Park Name	Tree Species	Common Name	Condition	DBH	Concern
15215	Queen Anne Boulevard	Castanea mollissima	Chinese Chestnut	Dead	47	Structurally unsound Dead.



The state of the s			Date 7/20/2020				ne 9:50am		
ddress/Tree location 2821 10th Ave W. Seattle W.	of street in right of way.	Tree	ee no. TRE-15215			_ Sheet 1 of 2			
ree species Chinese Chestnut ( Castanea moillissima issessor(s) Mark Malone	)	dbh_47"	Height 40' Tools I		_ Crov	Nn sp	read dia. 45 e and GPS	5.	
ssessor(s) Mark majorie				used_w	allet, D	оп шр	e and Gro		
-	Та	rget Assessment							_
1240					rget zo		Occupancy		
Target number	Target description			Target within drip line	Target within 1x Ht	Target within 1.5 x Ht.	rate 1-rare 2-racesional 3-frequent 4-racesions	Practical to move target?	Restriction
1	Bus stop			1			2	N	Υ
2	Bus						3	Υ	Υ
3	Metro wires		- 11	1			4	N	N
4 Right of	Right of way (road and sidewalk)						3	N	N
		Site Factors							
story of failures NA			Topograph	y Flat	Slope	e 5	%	Aspect	N
roccies failure profile Branches  Trunk Roc Vind exposure Protected Partial Full Crown density Sparse Normal Dense	Wind funneling□	Load Factors	Relativ						
ecent or planned change in load factors Remo	val					-			
Tree De			Likelihood of Fail	ure					_
	- Crow	m and Branche							
Broken/Hangers Number N	twigs/branches 100% overall Max.dia. Codom n/Hangers Number Max.dia. Weak a						ightning da Included Nest hole	d bark [	_
Over-extended branches	Previous branch f	ailures 🗆			Simíla	branches pr	resent [		
	Raised  Lion-tailed		k 🗆 Cankers/Gaile Heartwood				ood darnage/ hollow	decay (	
Main concern(s) Tree is dead and next to uses it as break stop. Bus stop present	with frequently us	ed road traffic and	occasional pedes	uently trian t	occur affic o	pied v on sid	vith a bus the	nat	
Load on defect N/A ☐ Min  Likelihood of failure Improbable ☐ Pos		e Significant 🗆							
		1	— Root	s and	Roo	t Co	llar —		
— Trunk — Dead/Missing bark ■ Abnormal   Codominant sterns □ Included bar Sapwood damage/decay ■ Cankers/Galls/ Lightning damage □ Heartwood decay ■ C Cavity/Nest hole% circ. Depth Lean* Corrected?  Response growth Main concern(s) Internal decay is present	k □ Cracks ( Burls □ Sapooze I Conks/Mushrooms ( Poortaper (	Dead Ooze Crack Root	buried/Not visible    Decay    Cavity    Cut/Damager	d roots So	% cir ■ Dis il weak	Conks/ rc. stance kness I	Mushrooms from trunk □	2"	



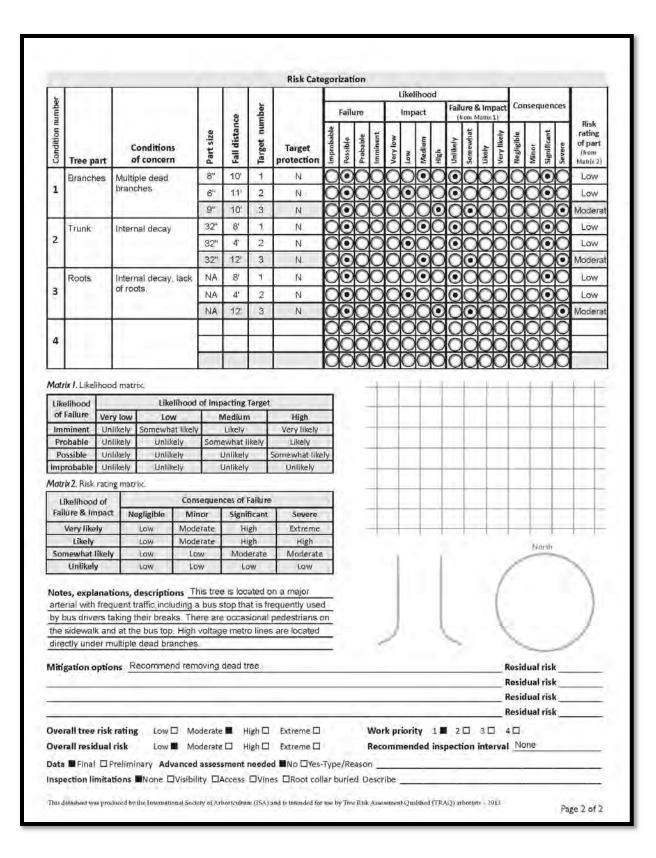
## TRE-15216: Chinese Chestnut

This tree is due south of 2821 10TH AVE W 98119. For all intents and purposes, this tree is dead. This Chestnut has an aggressive root decay organism that has dissolved its supporting structure.

Tree ID	Park Name	Tree Species	Common Name	Condition	DBH	Concern
			ivame			
15216	Queen Anne	Castanea	Chinese	Very Poor	32	Structurally unsound.
	Boulevard	mollissima	Chestnut			Dying.
						Kretzschmaria deusta,
						root decay



	andmarks Preservation Boar					The same of	Date 7/22/				ne 1:30pm		
	location 2821 10th Ave W							Tree no. TR			_ Sheet 1		2
ree species <u>c</u> ssessor(s) Ma	Chinese Chestnut (Castanea	mollissima)			dbh 32"	ne 1 Year	Height 30	ools used M	_ Cro\	NN SP	read dia. 42	2	
ssessor(s)	II K Waldile							ools usea_	allet, D	ып тар	e allu or 3		
-				Targ	get Asses	sment							
130									rget zo	100	Occupancy	27	
Target			Target descr	ription				Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	tate 1-rare 2-rareigne 3-frequent 4-constant	Practical to move target?	Restriction
1			Bus st	ор				1			2	N	Y
2			Bus					1		117	3	Υ	Υ
3			Metro w	ires				1		111	4	N	N
4		Right of	way (road	and side	walk)			1			3	N	N
				5	ite Facto	rs							
story of failu	res NA						Тород	raphy Flat	Slop	e 5	96	Aspec	t N
ind exposure	profile Branches ☐ Tru  Protected ☐ Partial ■  Sparse ■ Normal ☐ D	Full□ \	Wind funn	I ⊡gnile	oad Fact	ors					II□ Mediu		
	ned change in load facto			anches F	ew  No	rmai 🗆 Dei	iseLi Vii	ies/ Mistiet	oe/IVIC	oss 📖			
		Tree De	fects and	Conditio	ns Affect	ing the Lik	elihood o	f Failure					
			_	Crown	and Br	anches -	_						-
Dead twi Broken/H Over-exte Pruning I	eaned Thinned	overall N			Codomina Weak atta Previous I Dead/Mis Conks 🎞	ant   chments   cranch failui sing bark	Multiple res  Cankers Hearty	unions	_ (	Cavity/ Simila	Lightning da Included (Nest hole r branches po cod darnage/	d bark i % ci resent i	c.
Main oor	ncern(s) Tree is 70% de no present with frequent defect N/A 🗆	traffic on	road and	voltage occasion	lines, and ral pedest	a bus stop man traffic	that has f		e by b	ous dr	ivers taking	break	S
Bus sto	od of failure  mprobabl												ر =
Bus sto	—Trun	K —	ark texture	e/color 🗆 Cracks 🗖	Y	Collar bu	ried/Not vis		epth_	Conks/	ilar — _ Stem gi Mushrooms	rdling	



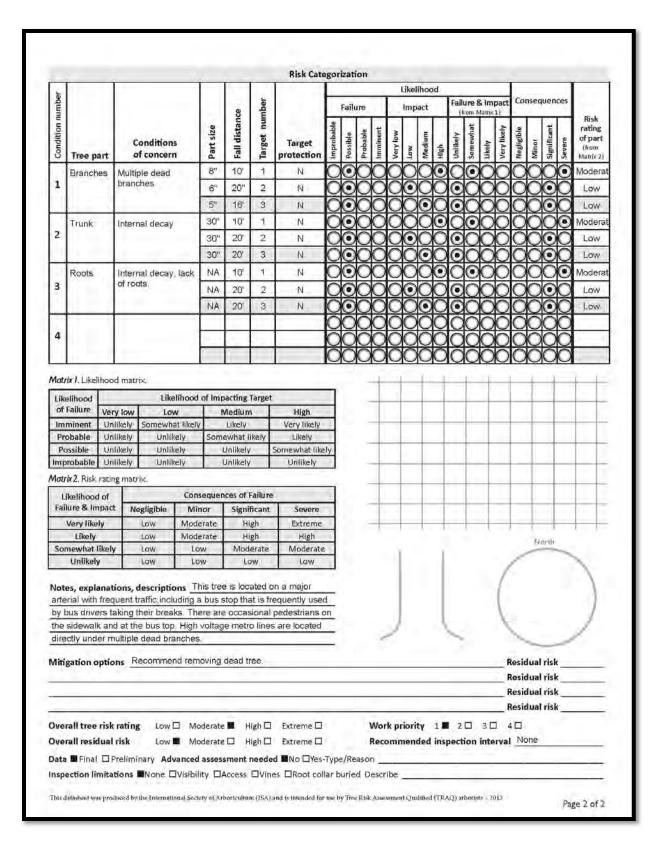
## RE-15217: Chinese Chestnut

This tree is adjacent to 2821  $10^{TH}$  AVE W 98119. For all intents and purposes, this tree is dead. This Chestnut has an aggressive root decay organism that has dissolved its supporting structure.

Tree ID	Park Name	Tree Species	Common Name	Condition	DBH	Concern
15217	Queen Anne Boulevard	Castanea mollissima	Chinese Chestnut	Very Poor	30	Structurally unsound. Dying. Kretzchmaria duesta, root decay



ddress / Tree Ic	dmarks Preservation Bo						Date 7/22/202				ne 2:30pm		
	cation 2821 10th Ave							e no. Tr	RE-152		Sheet 1		2
	nese Chestnut (Castane	a mollissim	a)		dbh 30"	4.60	Height 30' Tool		Cro		read dia. 28	3'	
ssessor(s) Mark	Maione						Tool	s used_M	allet, L	вн гар	e and GPS		
				Tai	rget Assess	ment							
7.77								Te	rget zo		Occupancy		
Target			Target de	scription				Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	rate 1-nace 2-recasional 3-frequent 4-constant	Practical to move target?	Restriction
1			Metro	wires				1			2	N	N
2			Ro	ad				1			3	N	N
3			Side	walk				1			4	N	N
4												13	ΙĒ
					Site Factor	'S							
istory of failure	s NA						Topograp	hy FlatE	Slop	e 5	%	Aspec	N
ests	ormal □ High □		e None (s	easonal) 🗆	Abiotic	(dead)□	Normal	_% (	Chloro	Hic <u>35</u>	% Ne	crotic_	65
pecies failure pr	onie Branches LI T	runk 🗆 R	oots De		Load Facto				_	-	_	-	-
				- Crow	n and Bra								,
Dead twigs Broken/Hai Over-exten Pruning his Crown clea Reduced	The second second	% overall	Max. dia.	•	Codomina Weak attac Previous b Dead/Miss	nt 🗆 thments <b>I</b> ranch failu iing bark 🗅	Multiple ur res  Cankers/Ga Heartwoo	ions ills/Burls	_ (	Cavity/ Simila	Included Nest hole r branches p	d bark l % cii resent l	re.
Flush cuts	ern(s) Tree is 65% present with freque	dead and	on road ar	nd occasio	lines, and	a bus stor nan traffic	that has free	uent us	e by b	ous dr	vers taking	break	S
Main conce Bus stop					The second secon								-
Main conce Bus stop Load on de	of failure Improba	-			_						llar —		,



## TRE-15236: Birch

This tree is across the street from 2803 8<sup>th</sup> Ave W. Its structure has been severely compromised. There is extensive decay at the base and it is leaning so far into the road vehicles have hit it.

Tree ID	Park Name	Tree Species	Common Name	Condition	DBH	Concern
15236	Queen Anne Boulevard	Betula Sp.	Birch	Dead	16	Structurally compromised



TRE-15236: Birch



lient Seattle La							Date 7/	23/2020				ne 1 pm		
ddress/Tree I			ttle, WA. 981	19 West side of			1000	_Tree r				Sheet 1		2
ree species Bi ssessor(s) Mar		)			_ dbh <u>_16"</u> Time frame	. 1 Vear	Height	40'		Cros	NN SPI	read dia. <u>4</u> e and GPS	01	
ssessor(s) Mai	ik Maiorie							lools u	sed_M	attet, D	ып гар	e and GPS		
- 1				Т	arget Assessr	ment								
0.40										get zo		Occupancy		
Target			Targe	t description					Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	rate 1-rare 2-racesional 3-frequent 4-constant	Practical to move target?	Restriction
1			Me	tro wires					1			4	N	N
2				Road					1			4	N_	N
3		- 1	Parked ca	irs across s	treet			- 11	1		j. Li	2	Υ	Υ
4													ΙĒΙ	
	0.5				Site Factors	s								
story of failur								200		Slop	e 🗆 _	_%	Aspec	t
V (270)		The second second	CONTRACTOR	150	oil hydrology [			40						
					cted Paven									
revailing wind	direction SV	Commo	n weather	Salar Sa				Des	cribe.					
					alth and Spe									
igor Low 🗆	Normal	ligh 🗆 🛛 Fo	liage Non	e (seasonal)			Norma	85 9	6 C	hloro	ric	% Ne	crotic_	15
ests	andle bearing		2 1 1 1 1 2		Abiotic		was at the							
pecies failure p	promie Branci		Description	Doggarder	runk failure d	lile to inte		VICT						
rown density	Protected ☐ Sparse ☐ No	Partial ■ Fu rmal ■ Dense oad factors _	II□ Wind e□ Inter	funneling   for branche		mal 🗆 De	ense 🗆	Relative Vines/M	istleto			II■ Mediü		-
rown density	Protected ☐ Sparse ☐ No	Partial ■ Fu rmal ■ Dense oad factors _	II□ Wind e□ Inter	funneling  ior branches and Condi	Load Factor s Few Norr tions Affecting	mal De ng the Lil anches	ense 🗆 kelihood	Relative Vines/M	istleto	oe/Mo	oss 🗆			
rown density ecent or plann Unbalance Dead twig	Protected ☐ Sparse ☐ No sed change in I	Partial ■ Fu rmal ■ Dense oad factors _	II□ Wind e□ Inter ee Defects	funneling [] for branches and Condi — Crov	Load Facto  s Few Norr  tions Affectiv  wn and Bra  Cracks Codominar	mal De	ense 🗆 kelihood	Relative Vines/M	istleto	oe/Mo	oss 🗆	ightning da	amage l	( 0 0
unbalance Dead twig Broken/Hi	Protected  Sparse No N	Partial Furmal Dense oad factors The LCR 85 85 % over	II□ Wind e□ Inter ee Defects	funneling ior branches and Condi — Crov ia. 2"	Load Factor  s Few Norr  tions Affectir  wn and Bra  Cracks Codominar  Weak attac  Previous br	nral De	kelihood  Multip	Relative Vines/M of Failu	istletc ire	oe/Mo	cavity/	ightning da Include Nest hole _ branches p	amage l d bark l % di resent	0 0 0 0
Unbalance Dead twig Broken/H; Over-exter	Protected  Sparse No N	Partial Furmal Dense oad factors The LCR 85 85 % over	Wind	funneling ior branches and Condi — Crov	Load Factor  s Few Norr  tions Affectir  wn and Bra  Cracks Codominar  Weak attac  Previous br	mal De	kelihood  Multip  Ganke	Relative Vines/M I of Failu ole union	istletc ire	oe/Mo	Cavity/ Similar	ightning da Include Nest hole	amage l d bark l % di resent	0 0 0 0
Dead twig Broken/Hi Over-exter Pruning h Crown die Reduced Flush cuts Main cond could be	Protected  Sparse No N	Partial Furnal Dension Furnal Dension Furnal	96 all Max. d Raises Lion-	funneling   for branches and Condi	Load Factor s Few Norr tions Affectiv n and Bra Cracks C Codominar Weak attac Previous br Dead/Missi Conks C Response g bable impact	mal De	Multipures	Relative Vines/M I of Failu  ple unior ers/Galls/ rtwood of	istleto ire Burls lecay	□ Li	cavity/ Similar Sapwo	Lightning da Include Nest hole r branches p sod darnage,	amage l d bark l % di resent	0 0 0 0
Unbalance Dead twig Broken/Hi Over-exte Pruning h Crown cle Reduced Flush cuts Main conicould be	Protected  Sparse No N	Partial Furmal Dense Den	wind wind wind wind wind wind wind wind	funneling   for branches and Condi	Load Factor s Few Norr tions Affectir wn and Bra Cracks C Codominar Weak attac Previous br Dead/Missi Conks C Response g	mal De	Multipures	Relative Vines/M I of Failu  ple unior ers/Galls/ rtwood of	istleto ire Burls lecay	□ Li	cavity/ Similar Sapwo	Lightning da Include Nest hole r branches p sod darnage,	amage l d bark l % di resent	0 0 0 0
Unbalance Dead twig Broken/Hi Over-exte Pruning h Crown cle Reduced Flush cuts Main conc could be Load on a Likelihoo  Dead/Miss Codomina Sapwood Lightning i Cavity/Nei	Protected  Sparse No N	Partial Furmal Dense Den	ee Defects  "%  "all Max.d  Max.d  Raise Lion- which woul  Minor Possible  rmal bark t d bark  Galls/Burls [7]  Conks/	funneling   for branches and Condi	Load Factor  s Few Norr  tions Affectir  wn and Bra  Cracks Codominar  Weak attact  Previous br  Dead/Missi  Conks Response g  bable impact  atte Signific  Immini	mal Deem Deem Deem Deem Deem Deem Deem Dee	Multipures Canke	Relative Vines/M  I of Failu  Dele unior  Freque  Roots Visible  Decay C  Cavity C  Damaged	istletcore  (Buris slecay nt traf and Del	Liliffic on res	Cavity/ Cavity/ Foad  road	Lightning da Include Nest hole r branches p rod darnage,  liar — Stem g Mushrooms	d bark to dear the de	
Unbalance Dead twig Broken/Hi Over-exte Pruning h Crown cle Reduced Flush cuts Main concould be Load on c Likelihoo  Dead/Miss Codomina Sapwood Lightning t Cavity/Net	Protected  Sparse No N	Partial Furmal Dense Den	Bill Wind el Inter ee Defects  3% all Max. d  Raise Lion- which woul  Minor Possible  rmal bark t d bark t Galls/Burls I Conks/	funneling   for branches and Condi	Load Factor  s Few Norr  tions Affectir  wn and Bra  Cracks Codominar  Weak attact  Previous br  Dead/Missi  Conks Response g  bable impact  atte Signific  Immini	mal Deem Deem Deem Deem Deem Deem Deem Dee	Multipures Canke Heatro wires Curled/Not Cut/E te lifting I te growth neern(s)	Relative Vines/M  I of Failu  Detay Detay  Roots Visible Decay Dec	istleto istlet	Lili  Roo pth  Kein  Sirili  Kein  K	Cavity/ Cavity/ Similar Sapwc Kely road  Conks/ crc. stances I	Lightning da Include Nest hole r branches p rod darnage,  liar — Stem g Mushrooms	d bark i	

		1						-	Risk Cate	I		-11			Likel	íhoo	d				-				1	
umber							9	nber			Failu	ire			Imp		-			& Imp		Cor	seq	luen	ces	0.0
Condition number	Tree p	art		ondition f concer		Part size	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely		Wegligible	Minor	Significant	Severe	Risk rating of part (from Matrix 2)
	Branch	ies		failure f		6"	2"	4	N	$\mathbb{C}$	0	$\circ$	0	0	0	0	$\odot$	0	$\odot$	0	0	0	0	0	$\odot$	Modera
1				al decay le stem		6"	40"	2	N	0	<b>O</b>	0	0	0	0	0	$\odot$	0	$\odot$	0	0	0	$\odot$	0	0	Low
				s in 1 sp		6"	35	3	N	C	$\odot$	$\circ$	0	0	0	$\odot$	0	0	0	0	0	0	0	$\odot$	0	Low
	Trunk		35000	e tree fa		16"	2'	1	N	C	0	0	0	0	0	0	$\odot$	0	$\odot$	0	0	0	0	0	$\odot$	Modera
2		- 1	from i	nternal	decay	16"	40	2	N	C	$\odot$	0	0	0	0	0	$\odot$	0	0	0	0	0	$\odot$	0	$\circ$	Low
						16"	35"	3	N	O	0	0	0	0	0	0	0	$\odot$	0	0	0	0	0	0	0	Low
	Roots			or deca		16"	2'	4	N	C	0	O	0	0	0	0	$\odot$	O	0	0	0	0	O	0	$\odot$	Modera
3			roots sidew	damage alk	d by	16"	40'	2	N	0	0	O	0	0	0	0	0	0	(e)	0	0	O	0	0	0	Low
				ruction		16"	20'	3	N	Ŏ	(O	Ŏ	Ŏ	Ŏ	Ŏ	0	Ŏ	0	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	0	Ŏ	Low
										Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	ŏ	ŏ	0	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	
4						-		1		Ŏ	Ŏ	ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	
										ř	M	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	ň	ŏ	Ŏ	Ŏ	ŏ	Ŏ	Ŏ	Ŏ	
lmp l <i>ati</i> L	ossible robable ix 2. Risk ikelihoodure & In	Uni rating		Unli Unli ix.	kely Con	1 1	Unlikely Unlikely ces of I	1	Somewhat like Unlikely Severe	ely.																
	Very like		146	Low	100	erate		gh	Extreme				1			-	4			1			1	4		
	Likely			Low	Mod	erate	Hi	gh	High	9										1	,		N	arth		
Soi	newhat Unlikel		-	Low	Lo	-	_	erate	Moderate								Ϊ					×	_	-	-	
met Po	ro wires or prunii	and	road o		ensive t rance l	basal d ikely w	ecay fi eaken	om in ed	ng lean towar jury prior. try.	rds				1			ļ	,			(					)
/liti	gation c	ptio	ns R	emoval																	R R	esid esid	lual lual	risk risk		
)ve	rall tree	riek	rating	Low	ПМ	iderate	<b>1</b> 1	igh 🖂	Extreme 🗆			-	Mar	k m	riori	tv	1	3	П	аг						
	rall resid		7. 10. 2					01-	Extreme 🗆					100		9%					rval					
6									d DNo DYes	Typs	0/00			-,,,,,						,,,,						
									a ⊔No ⊔res: es □Root col				_		No	apri	al in	ene	ation	2 116	oc do	no				

TRE-15235: Birch

This tree is adjacent to 2701 8th Ave W. This tree is in a rapid state of decline.

Tree ID	Park Name	Tree Species	Common Name	Condition	DBH	Concern
15215	Queen Anne Boulevard	Betula Sp.	Birch	Very poor	19	Dying.



	eservation Board				Date 7/23/2020	N.			ne 10am		
ddress/Tree location		tle, WA. 98119 Wes				no. Tr			Sheet 1		2
ee species Birch (Betula	nigra)		dbh_19"	ma 1 Voor	Height 40' Tools	Con W. M.	Crov	VI SPI	ead dia. 40	r.	
ssessor(s) Mark Malone			The state of the s		lools	used_M	attet, D	ып гар	e and GPS		
			Target Asse	essment		-				_	
1.20							rget zo	100	Occupancy		
Target number		Target descr	Iption			Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	rate 1 - nare 2 - nocembers 3 - frequent 4 - constant	Practical to move target?	Restriction
1		Metro wi	res			1			4	N	N
2		Communicati	on lines			1			4	N	N
3		Road				1		111	3	N	N
4		Sidewa	lk			1			2	N	N
			Site Fac	tors							
story of failures NA					Topograph	y Flat	Slop	e 🗆 📗	%	Aspec	t
ind exposure Protecte	d□ Partial■ Ful	II□ Windfunne	Load Fa	ctors	Relati						
rown density Sparse ecent or planned change							oe/IVI	SS L			
	Tre	ee Defects and	Conditions Affe	cting the Li	kelihood of Fai	lure					_
		_	Crown and I								,
Unbalanced crown Dead twigs/branche Broken/Hangers N Over-extended bran Pruning history Crown cleaned Reduced	s 🗆 <u>85</u> % over	all Max. dia. 9"	Codom Weak a Previou Dead/N	inant   ttachments I s branch fail lissing bark I	Multiple unio	ons s/Burls	_ (	Cavity/ Similar Sapwo	Included Nest hole branches pr	d bark i % ci resent	re.
Flush cuts  Main concern(s) N	Other		Respon	se growth _							
could be impacte			Moderate ■ Sig robable □ Imi								-
	—Trunk —  Abnor	rmal bark texture	c/color  Cracks	Dead D	uried/Not visible	■ De	pth_	Conks/	Ilar — Stem gi Mushrooms from trunk	rdling (	J .

		í							Risk Cate	gor	izati	on			120	111					-				-	r .
nuper							9	nber		-	Failu	ire			Likel	líhoc act	d			i Imp		Con	iseq	uen	ces	
Condition number	Tree p	art		ondition f concer		Part size	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	worl	Medium	High	Unlikely	Somewhat	Likely		Wegligible	Minor	Significant	Severe	Risk rating of par (from Matrix 2
1	Branch			failure fr		6"	2"	1	N	0	0	0	0	0	0	0	$\odot$	0	$\odot$	0	0	0	0	0	$\odot$	Moder
1				al decay le stem	and	6"	6"	2	N	0	<b>©</b>	$\circ$	0	0	0	0	$\odot$	0	$\odot$	$\circ$	0	0	$\odot$	0	0	Low
			union	s in 1 sp	ot.	6"	20'	3	N	C	$\odot$	$\circ$	0	0	0	0	0	0	0	0	0	0	0	$\odot$	$\circ$	Low
1	Trunk			tree fai		19"	2'	1	N	0	0	0	0	0	0	0	$\odot$	0	$\odot$	0	0	0	0	0	$\odot$	Moder
2		1	rom i	nternal c	lecay	19"	6"	2	N	0	0	Ō	O	0	O	O	©	0	0	Q	0	Ō	0	Q	Ó	Low
Ц		_				19"	20'	3	N.	O	0	Ó	O	Q	0	0	Ŏ	0	Ó	Ó	Ó	Ó	Q	0	Ó	Low
	Roots			or deca		19"	2'	1	N	O	0	0	0	0	0	0	$\odot$	0	$\odot$	0	0	0	0	0	$\odot$	Moder
3	-	4	sidew		u by	19"	6"	2	N	0	0	O	0	0	0	0	0	Q	0	0	0	0	0	0	0	Low
		- 10	constr	ruction		19"	20'	3	N	O	O	Ó	Ó	O	O	0	Ō	0	Q	O	Ŏ	Ŏ	Q	0	Q	Low
										Q	O	O	O	0	O	Ó	O	Ó	Ó	Ó	O	Ö	O	O	Q	
4								-		Q	Q	Q	Q	Q	O	0	Q	Q	Q	Q	Q	Q	Q	Q	Q	
										C		O	0	O			$\cup$	O	0	$\bigcirc$	$\circ$	0	0	0	$\circ$	-
Po mp otr Li Fail	obable ossible robable ix 2. Risk kelihood ure & Im Very like	f of pact	kely kely matri Ne	Unlil Unlil Unlil X. gligible Low	kely kely	sequen	1000		Likely Somewhat like Unlikely  Severe Extreme	:ly																
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SOL	newhat I Unlikely		-	Low	Lo			erate w	Moderate	-							Ĭ					1	_		-	1
lan ee	nber of y nage so	rears, far. P ses ar	which oor p	n means runing c creased l	decay uts for	organ line cle	isms h earance	ave d e likel	y dead for a one extensive y weakened try.	e			8													)
	all tree		7.00					01-1	Extreme 🗆					W				1 2			_ R	esid esid	lual	risk	<u></u>	
	all resid								Extreme 🗆		1			omn	nen	ded	ins	pect	ion	inte	rval	_				
ata									<b>d</b> □No □Yes- es □Root col									_			-	-		_	_	_

# TRE-15281: Sugar Maple - Removed

This tree was adjacent to 2418 4<sup>th</sup> Ave W and has been removed. The tree was dying and recently failed, impacting the adjacent property. An Emergency Certificate of Approval was issued for this tree.

Tree ID	Park Name	Tree Species	Common Name	Condition	DBH	Concern
15281	Queen Anne Boulevard	Acer platanoides	Sycamore Maple	Dead	32	Dying Cryptostroma Coracle



	Landmarks Preservation					Date 7/2	4/2020			me 8 am		
	e location 2418 4th A			On the NE side	of the rightof way		Tree no. Ti			_ Sheet 1		2
	Norway maple (Acer pl	atanoides)		d	bh 32" ime frame_1 Ye	Height_	Tools used N	_ Cro	Nn sp	read dia. 40	9.	
ssessor(s) N	nark maiblie						ioois usea_	iallet, D	оп шр	e and Gra		
				Targe	et Assessment		-				_	_
								rget zo	ne	Occupancy	~	
Target			Target des	cription			Target within drip line	Target within 1x Ht	Target within 1.5 x Ht.	rate 1-nace 2-recanional 3-frequent 4-constant	Practical to move target?	Restriction
1			Hou	ise			1			4	N	N
2			Parked	i cars				V		3	Υ	Υ
3			Roa	ad			1		111	4	N	N
4			Sidev	valk			1	1		4	N	N
				Si	te Factors							
gor Low <b>I</b>	Normal  High			Tree Healt	h and Species I				tic <u>15</u>	% Ne	crotic	50
ests_	e profile Branches I	Trimb -	Poots□ N-	rariba Code		es with inclu-	ded bark					
secies landit	Nome plancies	- mange	udoram he		oad Factors	THE HISTOR	- M. ROMIUS					
				and the same of th	and Branch	es —						
	nced crown 🗆	LCR_50	9%									,
Dead tv Broken/ Over-ex Pruning	vigs/branches   'Hangers Number tended branches   thistory the cleaned Thistory Top		Max. dia. 1	17" (	Cracks   Codominant   Weak attachmer  Previous branch  Dead/Missing ba  Conks   Response growth	ts □	rs/Galls/Burls	_ (	Cavity/ Simila Sapwo	Included Nest hole r branches p	d bark % ci resent	re.
Dead to Broken/ Over-ex Pruning Crown of Reduce Flush co Main co and in	vigs/branches  (Hangers Number_tended branches   s history cleaned	nned 🏻 oped 🖨 ner rk disease a	Max. dia. 1  Max. dia  Raised  Lion-taile	17" (	Codominant  Weak attachment Previous branch Dead/Missing ba Conks  Conks  Response growth sta are present	ts   failures   2  rk   Canke  Hear  and have like	rs/Galls/Burls twood decay	<u> </u>	Cavity/ Similar Sapwo Kely	Included  /Nest hole  r branches pl  cod darnage/	d bark % ci resent /decay	rc.
Dead tw Broken/ Over-ex Pruning Crown of Reduce Flush of Main co and im Load on	vigs/branches ■ (Hangers Number_tended branches □ thistory cleaned □ Thistory cleaned □ Thistory ot □ Thistory otherwise □ Thistory other	nned 🗆 oped 🗅 ner rk disease a	Max. dia. 1  Max. dia  Raised  Lion-taile  and Kretzsch	17" (	Codominant  Weak attachmen  Previous branch  Dead/Missing ba  Conks   Response growth  sta are present  Significant   Codominant	ts   failures   Zanke  Hear  and have like	rs/Galls/Burls twood decay	□ Li	Cavity/ Simila Sapwo Kely multipl	Includes /Nest hole r branches p pood darnage/	d bark % ci resent /decay nches	rc.

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ımper								9	per		H	Fail	ure	ī			ino	υα			& Im		Co	nsec	quen	ices	
Condition number	Tree p	art		ondition		Dart cizo	10000	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Severe	Risk rating of part (from Matrix 2)
Ţ	Branch			ole dead	1	8	1	50'	1	N	C	(	O	C	O	C	C	0	C	0	O	0	0	O	O	0	Modera
1			branc	hes		9	a	50"	2	N	C	XG.	O	O	O	C	C	(O	O	0	O	0	0	0	0	O	Modera
						9		50'	3	N	C	(C	O	O	O	C	0	O	0	C	O	0	0	0	C	O	Low
- 1	Trunk		Intern	nal deca	/	3,	2"	70'	1	N	C	(e	XO	0	C	C	0	O	0	C	0	0	0	0	O	(0)	Low
2						3:	2"	70	2	N	C	XO.	X	C	O	X	•	O	C	0	O	0	0	C	0	0	Low
						3:	2"	70'	3	N.	C	(C	O	O	C	C	C	10	0	C	0	0	0	(O	C	O	Low
	Roots		Deca	yed root	s	33	200	70'	1	N	C	(E	O	0	O	X	•		0	C	O	0	0	C	C	<b>(</b>	Low
3						3	200	70'	2	N	C	(C	O	0	O	C	0	O	0	C	O	0	0	C	0	O	Low
						33	2"	70'	3	N	C	(C	O	0	C	C	C	<b>(</b>	C	C	0	0	0	0	C	O	Low
											C	X	X	O	O	C	C	O	C	C	0	0	0	0	C	O	
4									-		C	XC	X	O	O	C	C	O	C	C	O	0	Q	C	Q	O	
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dise	tect wor	kers : ring to	and th	e public moval. F	from espi	spore rators	dis req	persa uired i	l of so	needed to boty bark urfactants	=				J												)
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ata	Final	□ P	relimi	nary Ad	vanc	ed ass	essi	ment i	neede	d DNo DYe	s-Typ	e/R	easo	n _			_				_	_	_				



The City of Scuttle

# Landmarks Preservation Board

Mailing Address: PO Box 94649, Seattle WA 98124-4649 Street Address: 600 4th Avenue, 4th Floor

#### EMERGENCY CERTIFICATE OF APPROVAL

LPB 276/20

#### Queen Anne Boulevard

I hereby issue an Emergency Certificate of Approval for the proposed removal of the street tree (ID #15281) on Queen Anne Boulevard in the proximity of 2418 4th Avenue W, as per the attached submittal. As represented by the arborist's assessment, the tree has exhibited structural failures, and will likely continue to degrade due to the two fungi that are present; *Cryptostroma corticale and Kretzschmaria deusta*. We also understand, that the former type poses a series health issue. This proposed alteration does adversely affect the special features or characteristics of the boulevard as specified in the Report on Designation (LPB 123/79), however, Seattle Parks and Recreation has demonstrated the need for this tree's removal.

This approval is conditioned upon the planting of a replacement tree in this location. The species of this street tree is not yet specified, and is expected to be different than the existing tree, to promote future health and longevity. The proposed species will be reviewed and approved by the Landmarks Preservation Board before the work is undertaken.

This Certificate is issued in accordance with the Secretary of Interior's Standards for Rehabilitation as adopted by the Landmarks Preservation Board for use in reviewing changes to Queen Anne Boulevard, and as per SMC 25.12. This does not waive the owner's obligation with regard to other permits and plans.

Issued: July 28, 2020

Jordan Kiel, Chair

By: Erin Doherty

Landmarks Preservation Board Coordinator

Administered by The Historic Preservation Program The Seattle Department of Neighborhoods "Printed on Recycled Paper" cc Kathleen Conner, Seattle Parks & Recreation Nathan Torgelson, SDCI Katrina Nygaard, SDCI File

#### NOTICE TO APPLICANT:

Work must occur <u>exactly</u> according to approved plans and specifications. ANY revisions, omissions and/or additions to plans and specifications must be reviewed and approved by the Landmarks Preservation Board prior to implementation.

#### APPEAL PROCEDURE:

In accordance with SMC 25.12.740, any interested person may appeal to the Hearing Examiner the decision of the Board to grant, deny or attach conditions to a certificate of approval by serving written notice of appeal upon the Board and filing such notice and a copy of the Board's decision with the Hearing Examiner (Office of the Hearing Examiner, 700 5th Avenue, Suite 4000, Seattle, Washington 98104) within fourteen (14) days after such grant, denial or conditional grant. The written appeal must clearly state the appellant's objections to the decision, and must be accompanied by an \$85.00 filing fee. The written appeal and filing fee must reach the Office of the Hearing Examiner prior to 5:00 p.m. on the last day of the appeal period.

# TRE-15291: Red Maple

This tree is adjacent to 316 W McGraw Place. It has an aggressive root decay organism, extensive basal and stem decay it is structurally unsound.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
15291	Queen Anne Boulevard	Acer rubrum	Red Maple	Poor	14	Structurally compromised. Kretzschmaria deusta, root decay.







ient Seattle Landmarks Preservation Board			Date 7/23/2020				ne 2:15pm		
ddress/Tree location 316 W McGraw Pl. Seattle,	WA 98119 SE side of re	oad in the right of way	Tree	no. Tr	RE-1529		_ Sheet 1		2
ee species Red Maple (Acer rubrum)		1bh 14"	Height 35'	W	_ Crov	vn sp	read dia. 36 e and GPS	5"	
ssessor(s) Mark Malone			tools t	used_w	allet, D	оп тар	e and Gro		
	Targ	et Assessment						_	_
					rget zo		Occupancy		
Target number	Target description			Target within drip line	Target within 1x Ht	Target within 1.5 x Ht.	rate 1—nare 2—nocational 3—frequent 4=constant	Practical to move target?	Restriction
1	Power lines			E	1		4	Y	Y
2	Parked cars		1	1	1	1	2	Υ	Y
3	Road			1			3	N	N
4	Sidewalk		= 11	1			2	N	N
	S	ite Factors							
evailing wind direction <u>SW</u> Common we gor Low  Normal  High  Foliage	Tree Healt ■ None (seasonal)	h and Species Pro None (dead) E Abiotic	offile Normal 70	% (	Chloro				
oecies failure profile Branches Trunk Ro	ots Describe Cod	ominant branches	w/included bark	Poor	pruni	nd res	sulting in int	ernal	deca
		oad Factors							
The second second		and Branche							
Unbalanced crown ■ LCR. 70 %  Dead twigs/branches □ 20 % overall    Broken/Hangers Number □  Over-extended branches □	Max, dia Max. dia	Cracks   Codominant   Weak attachments Previous branch fai	■ Multiple unio		_ (	avity/	Lightning da Included Nest hole 45 r branches pr	d bark i 5_% ci	nc.
Pruning history  Crown cleaned □ Thinned □  Reduced □ Topped □  Flush cuts ■ Other	Lion-tailed	Dead/Missing bark Conks □ Response growth =	Heartwood	decay			ood darnage/	decay	
Main concern(s) Major limb failure at we could be impacted as well as parked ca	ars and pedestrians	on sidewalk							
Load on defect N/A ☐ Mi Likelihood of failure   Improbable ☐ Po	inor 🗆 Moderate ssible <b>=</b> Probable								ر =
— Trunk —  Dead/Missing bark □ Abriormal  Codominant stems ■ Included bar  Sapwood damage/decay ■ Cankers/Galls/  Lightning damage □ Heartwood decay ■ Cavity/Nest hole 45 % circ. Depth 6"  Lean 5 ° Corrected? Yes	Burls □ Sap ooze ■ Conks/Mushrooms □	Dead Ooze Cracks Root p	── Roots     ourled/Not visible I	■ De	epth % cit	Conks/ rc. stance	Stem gi Mushrooms from trunk		_

3.1		1				1			Risk Cat	I					Likel	íhoo	d				1				- 1	
nmper							9	nber	- 1		Failu	ire	ī		Imp	_				& Imp		Cor	nseq	uen	ices	0.4
Condition number	Tree p	art		onditio		Part size	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Severe	Risk rating of part (from Matrix 2)
Ī	Branch	es		ole large		12"	35'	9	N	C	0	0	0	0	$\odot$	0	0	$\odot$	0		0	0	$\circ$	0	$\odot$	Low
1	100		branc	hes and	1	12"	35'	2	N	0	0	0	0	0	0	0	O	0	0	O	0	0	0	$\odot$	0	Low
			GCCTTG			12"	35'	3	N	C	0	O	Ō	0	0	O	$\overline{oldsymbol{\circ}}$	O	0	0	0	0	0	0	O	Modera
	Trunk		Whole	e tree fa	ilure	14"	70	1	N	O	0	0	O	0	0	0	Ō	$\odot$	O	O	0	O	Ō	O	0	Low
2			from i	nternal	decay	14"	70'	2	N	O	0	O	O	0	0	0	O	0	0	0	Ó	0	0	0	O	Low
						14"	70'	3	N.	Ö	0	O	Ó	O	O	O	0	0	0	0	0	O	0	Ó	Ó	Modera
	Roots		Dead	or deca	yed	14"	70'	9	N	O	0	0	Ō	O	0	0	Ó	0	O	O	Ó	Ó	O	O	0	Low
3	1		roots.			14"	70'	2	N	0	0	0	0	0	(0)	0	0	0	0	0	0	0	0	0	0	Low
						14"	70	3	N	Ŏ	(O	Ŏ	Ŏ	Ŏ	Ŏ	Ŏ	Ō	Õ	Ŏ	Õ	Ŏ	Ŏ	<u></u>	Ŏ	Ŏ	Modera
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evo nas	ach other ent will li lean too or who	er wit kely wards le tre	th cod cause s lines e failu	ominant damag and wo	stem e give ould ha	s and li n fall di	kely de stance	cay. F and s	y cavities clos ailure in wind ize of limbs.T ences should	1			9	2			ļ									)
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	rall tree rall resid		7.00					- C	Extreme   Extreme					1		9%					rval					
										7	· In-			SHIII (	netti	ueu	415	Pect	ion	uite	val	_				
									<b>d</b> □No □Yes es □Root col					_		COLUMN TO SERVICE AND ADDRESS OF THE PARTY O	4.		Yes.	1.7.7	100			170	1.5	

# TRE-15297: Sycamore Maple

This tree is adjacent to 2412 2nd AVE W, it is in a severe state of decline, it is effectively dead.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
15297	Queen Anne Boulevard	Acer pseudoplatanus	Sycamore Maple	Very Poor	22	Dying. Cryptostroma corticale.



	Seattle Landmarks Preservation Board ss/Tree location 2412 2ND AVE W SEATTLE, WA, 98119		Date 7/27	Tree no. TR	RE-1529		ne 8 am Sheet 1	of	2
ree sp	Decies Sycamore Maple (Acer pseudoplatanus)	dbh 22"							
ssess	or(s) Mark Malone		rear T						
	Ta	rget Assessmer	nt						
				Ta	rget zo	ne	35.75		Π
et				E	蛙	¥ .	Occupancy	Practical to move target?	6
Target	Target description			ine and	n 1.x	X H	1-race 2-receniums	E TE	tetto
	in Berger hard			Target within drip line	Target within 1x h	Target within 1.5 x Ht.	3 – frequent 4 – costant	ract	Restriction
1	House			1	1	1	4	N	N
2	Parked cars			1	1	1	2	N	N
3	Road			1	1	1	3	N	N
4	Sidewalk			1	1	1	2	N	N
Ť	Cidovalic	Site Factors		1 *	1 4		-	In	119
story	of failures NA	E	Tono	graphy Flat	Slope	еП	96	Asner	
	anges None ■ Grade change □ Site clearing □ Changed so	il hydrology 🗆 Re		-	- Olop	_		ropec	_
	nditions Limited volume □ Saturated □ Shallow □ Compa			10.0	ceibo	Sidev	valk and ros	he	
	그렇게 하면 나면 나면서 없는 아이를 가면 내려면 가게 하는 것이 없다면 하는 것이 되었다.							90	
evall	ing wind direction SW Common weather Strong wind			Describe	ceas	Jitai C	adugni		
22 - 1		alth and Species	11.5	40	all la	us 4E	av s		45
	Low ■ Normal □ High □ Foliage None (seasonal) [	u None (dea		THE MAN (	moro	H (2)		erone :	43
ete .	Sooty hark disease		id) Normal_			116 116		4,52,0	-
	Sooty bark disease • failure profile Branches ■ Trunk□ Boots□ Describe III	Abiotic						10000	
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# TRE-15319: Sycamore Maple

This tree is adjacent to 411 Boston St. It is in a severe state of decline and is structurally unsound due to large decay pockets where topping cuts were made for line clearance.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
15319	Queen Anne Boulevard	Acer pseudoplatanus	Sycamore Maple	Very Poor	24	Structurally compromised. Dying. Cryptostroma corticale



the second second	andmarks Preservation Board			Date 7/27/2	020			ne 2:30pm		
	location 411 BOSTON ST, SEA		0.1.24	T	ee no. Tr	(E-153		_ Sheet 1		2
ree species <u>S</u> ssessor(s) Ma	ycamore Maple (Acer pseudoplatar	ius)	dbh_24"	Height 20' Year Too				read dia. <u>36</u> e and GPS	2	_
sessor(s)_Ma	IN WAIDING				ois used_w	anet, D	ып тар	e and GF3		
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Target		Target description			Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	rate 1—race 2—recarrend 3—frequent 4= constant	Practical to move target?	Restriction
I		School			1	1	1	4	N	N
2	Sidewa	lk with school bus lo	ading zone		1	V	1	3	Υ	Y
3		Parked cars			1	1	1	3	Υ	Y
4		Road			1	1	1	4	N	N
			Site Factors							
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	rk disaease and possible Hy profile Branches□ Trunk□									
cent of plan	ned change in load factors <u>Tre</u> Tree	ee was topped for lin	e clearance, roo	white was derived a	all	oe/Mo	oss 🗆			
		ee was topped for line  Defects and Cond	e clearance, roo	ots cut for pipe inst the Likelihood of	all	oe/Mo	oss 🗆			
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Unbaland Dead twi Broken/H Over-exte Pruning of Crown of Reduced Flush cut Main cor	ted crown LCR_25 gs/branches S% overa langers Number ended branches S history eaned S Topped S S Other large dead stems a	ee was topped for line  Defects and Cond  — Cron  %  Il Max, dia.  Max, dia.  Raised Lion-tailed  Indibranches in front  Minor   Modera	itions Affecting wn and Bran Cracks Codominant I Weak attachm Previous bran Dead/Missing Conks Conks Response grou of school with h	ots cut for pipe insi the Likelihood of ches —  ments ■ Multiple is ch failures □ bark ■ Cankers/i Heartwo	all. Failure unions Galls/Burls good decay		Cavity/ Similar Sapwc	Lightning da Includer (Nest hole _ r branches prod darnage/	mage d bark % ci resent (decay	0080

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		-	schoo	nearby		5"	12'	3	N	O	$\odot$	$\circ$	0	0	0	0	0	0	0	0	0	0	$\odot$	0	0	Low
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3			ayıng	roots		24"	14'	2	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	$\odot$	Modera
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## TRE-15329: Chinese Chestnut

This tree is adjacent to 365 Lee St, it is in a severe state of decline, there is basal decay, significant tip die back, low vigor, stem suckers indicating internal decay, pruning cuts not healing. This tree is effectively dead.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
15329	Queen Anne Boulevard	Castanea mollissima	Chinese Chestnut	Very Poor	23	Structurally compromised. Dying. Kretzschmaria deusta, root decay.



Pavement of Ice Snow I and Species I	Height 50' ar Topogra of cuts Describ	Tall High Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Properties of the Pr	rget zor  # NT HIPPM    Slopee ed fro  Seaso	Target within an analysis of the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and the same and th	valk and roa Iraught	Aspec	N N Y N
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1		de	ad branches	9	9"	18'	2	N	0	O	0	0	0		0	$\odot$	0	$\odot$	0	0	0	O	0	0	Moder
					4"	35	3	N	C	0	O	O	0	O	0	O	0	O	O	0	O	O	0	0	Low
	Trunk	Int	ernal decay		23"	50'	1	N.	O	(O	O	O	0	O	0	O	0	O	O	0	O	O	0	0	Low
2				- 1	23"	50"	2	N	O	O	0	0	O	O	0	0	0	0	O	0	0	O	0	0	Moder
Ш					23"	50'	3	N.	Ö	O	Ō	Ō	Ô	O	0	Ō	0	Ŏ	Ŏ	Ō	O	Ó	Ó	O	Low
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Son	newhat I Unlikely	-	Low	Los		_	erate	Moderate								Υ					×	÷	-	-	
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	all resid						O	Extreme 🗆					339		900					rval					
200								d DNo DYes								317				15.55					

TRE-15358: Norway Maple

This tree is adjacent to 452 Boston St, it is in a severe state of decline.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
15358	Queen Anne Boulevard	Acer platanoides	Norway Maple	Very Poor	24	Dying. Cryptostroma corticale.



ddress/Tree	location 452 BOSTON S	T. SEATTLE, WA 981				e no. Tr			Sheet 1	_	2
	Norway Maple (Acer platanoi	des)			Height 40'		Croy		read dia. <u>30</u> e and GPS	),	_
ssessor(s) <u>N</u>	ark Waltille			frame 1 Year		s used_M	attet, D	ып гар	e and GPS		
- T-			Target As	sessment		1 -				_	
3.9							rget zor	E	Occupancy	2	
Target		Target de	scription			Target within drip line	Target within 1x Ht	Target with a 1.5 x Ht.	rate 1-rare 2-raceriana 3-frequent 4-ranstant	Practical to move target?	Restriction
1		Но	use			1	1	1	4	N	N
2			d cars			1	1	1	3	N	N
3			ad			1	1	<b>V</b>	4	N	N
4		Communic	ation lines			1	1	1	4	N	N
	ures Some small hanger	e brahant	Site F	actors		to a few a few	1	_	%		
Unbalar Dead tw Broken Over-exi Proming Crown c		Tree Defects at    Solution   Solution   Solution	branches Few capecially as a conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditions Aid Conditi	Factors  Normal  result of implements  minant  result attachments  ous branch fa //Missing banks  conse growth	coper pruning a Likelihood of Fi S —  ilures   Cankers/Gi	ive crow /Mistlet- nd root o nilure	vn size pe/Mo damag	Sma Sss D se.	II Mediu Lightning da Includer Nest hole 10 Foranches prod darnage/	m 🔲 (i mage l d bark) ) % ci resent (decay)	Large
Dead/M Codomir Sapwoo	od of failure Improbab	le Possible Abnormal bark text cluded bark  ters/Galls/Burls decay Conks/Micepth	ure/color   Cracks   Sap ooze   sshrooms	Collar Dead Ooze Cracks	— Roc buried/Not visibl □ Deca □ Cavit □ Cut/Damag	e De y  y  y  y  y  y  y  y  y  y  y  y  y	epth @cir Dis	Conks/ rc. stance	Mushrooms		
Cavity/N Lean	e growth ncern(s) Bark falling off	municipal and the second	ade manage	Respo	nse growth oncern(s)	and all and		_			-

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umper							9	nber		+	Failu	ire			lmp	ihoo act	d			& Im		Cor	nseq	luen	ces	0
Condition number	Tree p	art		ondition f concer		Part size	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	worl	Medium	High	Unlikely	Somewhat	Ukely	Very likely	Negligible	Minor	Significant	Severe	Risk rating of par (from Matrix :
j	Branch			dead st		6"	15'	4	N	O	0	0	O	0	O	0	0	$\odot$	0	0	0	0	0	<b>①</b>	O	Low
1			and b	ranches		8"	18'	2	N	0	$\odot$	$\circ$	0	C	0	$\odot$	0	$\odot$	0	0	0	0	0	$\odot$	0	Low
						9"	3'	3	N	C	$\odot$	$\circ$	0	C	0	0	$\circ$	0	0	0	0	0	$\odot$	0	0	Low
j	Trunk			falling of		24"	15'	1	N.	0	0	0	0	0	0	$\odot$	0	0	0	0	0	0	0	$\odot$	0	Low
2	ll e		ex pos spore	sing soot s	y bark	24"	18	2	N	0	0	$\circ$	0	0	0	$\odot$	0	0	0	Q	0	0	Q	$\odot$	0	Low
Ц		_	-			24"	3'	3	N.	0	O	Q	0	O	<b>©</b>	Q	O	0	0	0	0	0	0	0	O	Low
	Roots		Dead	roots		24"	15'	4	N	O	<b>©</b>	$\circ$	$\circ$	C	0	$\odot$	0	$\odot$	0	0	0	0	0	$\odot$	0	Low
3						24"	18'	2	N	0	0	0	0	C	0	$\odot$	0	$\odot$	0	0	0	0	0	0	0	Low
		_				24"	3	3	N	0	0	Q	Ō	C	<b>(</b>	O	Ō	0	0	0	0	0	0	0	Ō	Low
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4							-			Q	O	O	Q	Q	O	Q	Ō	Q	Q	Q	0	Ō	Q	Q	Q	
										$\circ$	0	$\circ$	$\circ$	C		0	$\bigcirc$	O	0	0	$\circ$	$\circ$	$\circ$	0	$\circ$	
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## TRE-8661: Chinese Chestnut

This tree is adjacent to 1249 Bigelow Ave N. This tree has an aggressive root decay organism, it is structurally compromised and is a hazard.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
8661	Queen Anne Boulevard	Castanea mollissima	Chinese Chestnut	Poor	24	Structurally compromised. Kretzschmaria deusta, root decay.



	Landmarks Preserva			Car City Carrier	COMPANY STATE	Date	7/31/2020	_	22.00		ne 3pm		
	location Adjacer			the right of w	ry on the west side	of the street.	Tree	TO. TR	E-8661		_ Sheet 1		2
ee species . ssessor(s) N	American Chestnut ( lark Malone	Castanea deni	in(a)		_dbh_24" _Time frame_13	Heig 'ear	Tooler	cad M			read dia. 23 e and GPS		
pessor(s)	HIMINIE			12			_ loois L	26G W	-11-4, 23		211400130		
T.				Ta	irget Assessmei	rt .							,
2.40									rget zor	-	Occupancy	2	
Target			Target	description				Target within drip line	Target within 1x Ht	Target within 1.5 x Ht.	rate 1-rare 2-racational 3-frequent 4-constant	Practical to move target?	Restriction
1			+	House					1	1	4	N	N
2			Par	ked cars				1	1	1	3	N	N
3				Road				1	1	1	4	N	N
4			Si	dewalk				1	1	1	4	N	N
					Site Factors							•	
story of fail	ures NA					T	pography	Flat	Slope	e	96	Aspec	t
	maria duesta pre profile Branche	esent		e (seasonal) [	Abiotic	d)□ Norr			hlorot	ric <u>15</u>	% Ne	crotic_	50
ecies failure	maria duesta pre	esent s■ Trunk□ 'artial■ Full	Roots□	e (seasonal) [ Describe R  funneling	None (dea Abiotic arely fails, canke Load Factors	d)□ Norr ers. sudden	branch dr	op.	/n size	5ma	II■ Mediu		
ind exposur	maria duesta pre a <b>profile</b> Branche re Protected \(\sime\) F	esent s ■ Trunk □ 'artial ■ Full nal □ Dense ad factors He	Roots D Wind i	e (seasonal) [ Describe R funnelling for branches ned with poo	None (dea Abiotic Arely fails, canke Load Factors Few Normal or compartments	d) Norr ers, sudden Dense D	Relative Vines/N Lexcessive	op. e crow listleto e sucl	n size	Sma	II■ Mediü		
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### TRE-15344: Chinese Chestnut

This tree is adjacent to 1228 Bigelow Ave N, and is in a severe state of decline. There is basal decay, significant tip die back, low vigor, stem suckers indicating internal decay, pruning cuts are not healing.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
15344	Queen Anne Boulevard	Castanea dentata	Chinese Chestnut	Very Poor	30	Structurally compromised. Kretzchmaria duesta, root decay.



TRE-15344: Chinese Chestnut



lient Seattle Landmarks Preservation Board			Date 8/3/20			Tir	ne 9:30am		
ddress/Tree location Adjacent to 1228 Bi				ee no. Tr			_ Sheet 1		2
ee species American Chestnut (Castanea di	ientata)	dbh_30"	Height 75'	lesses 4 M	_ Crov	Vn spi	read dia. <u>5</u> 0 e and GPS.	u*	
ssessor(s) Mark Malone				ois used_M	anet, O	ып гар	e and Gro.		
		Target Assessn	nent	-				_	
120					rget zo	100	Occupancy		
Target number	Target descriptio	ni.		Target within drip line	Target within 1x Ht	Target within 1.5 x Ht.	rate 1-nare 2-recanional 3-frequent 4-constant	Practical to move target?	Restriction
1	House			1	1	1	4	N	N
2	Parked cars			1	1	1	3	Υ	Υ.
3	Road			1	1	1	4	N	N
4								i i	1
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sts Kretzchmaria duesta ecies failure profile Branches <b>I</b> Trunk	k□ Roots□ Describe	Abiotic Cankers and si	udden branch drop						
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Load on defect N/A  Likelihood of failure Improbable i	Minor □ Mode □ Possible ■ Prob								- ار-
Codominant stems ☐ Include Sapwood damage/decay ■ Cankers	normal bark texture/col ded bark 🗆 — Crac	cks ■ ze ■ ms □	— Ro Collar buried/Not visit Dead	ole  De De De De De De De De De De De De De	epth @cir Dis	Conks/ rc. stance	Mushrooms from trunk	irdling ( s □	

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# TRE-8360: Chinese Chestnut

This tree is adjacent to 1204 Bigelow Ave N and is dead.

Tree ID	Park Name	Tree Species	Tree Common Name	<b>Condition Rating</b>	DBH	Concern
8360	Queen Anne	Castanea	Chinese Chestnut	Poor	45	Dying.
	Boulevard	mollissima				Structurally
						compromised.
						Kretzchmaria
						duesta root decay.



delence / Tenn	andmarks Preservation Bo		Trailer Technology	A control of	Date	8/3/2020	-			ne_11:45 pm		_
	location Adjacent to 12		eattle, VVA.981	us on corner with F	nighland Dr.	Tree r	10. TR			_ Sheet 1		2
ee species <u>*</u> sessor(s) <sup>Ma</sup>	American Chestnut (Castan ark Malone	ie deliata)		dbh 45" Time frame 1	Year Heig	Tools	cad M			read dia. <u>5</u> 6 e and GPS.		
sessor(s) me	- C HAINING					ioois u	260		10p	- Jing Of O.		
- T-			Ta	rget Assessme	nt							1
240								get zor	-	Occupancy	2	
Target		Target	description				Target within drip line	Target within 1x Ht	Target within 1.5 x Ht.	rate 1-nare 2-rocarional 3-frequent 4-rocations	Practical to move target?	Restriction
1		Pov	ver lines					1	1	4	N	N
2		· ·	louse					1	1	4	N	N
3		Pari	ked cars					1	1	3	Υ	Y
4			Road				1	1	1	4	N	N
				Site Factors								
story of failu	res Large stem failure	on south side.			т.	opography	Flate	Slope	e 🗆 _	%	Aspec	t
own density	e Protected ☐ Partial Sparse ☐ Normal ☐ ned change in load fact	Dense□ Interi								II□ Mediu		
		Tree Defects	and Conditi	ions Affecting	the Likeliho	od of Failt	ire					
			- Crow	m and Brand	ches —							1
Dead twi Broken/F Over-exter Pruning	gs/branches  65 dangers Number 2 dended branches  history dended  Thinne Topped	Max. di	a. <u>2'</u> f	Cracks   Codominant   Weak attachm  Previous brand  Dead/Missing  Conks   Response grov	ents ■ ch failures ■ bark ■ Ca		/Burls	_ 9	avity/ Similar	Included Nest hole r branches p	d bark % ci resent	rc.
Reduced Flush cut	ncern(s) Multiple large parked or moving cars	e dead stems and s. or pedestrians.	branches o	over frequently	used interse	ection. Dea	d bra	nches	poss	ibly failing	and	
Reduced Flush cut Main cor hitting r				e Significan								- ,
Reduced Flush cut Main cor hitting r Load on Likelihoo		ble Possible D	1 Plobable	Imminient	-				t Co			-

									Risk Cate	gor	izati	on														
nuper							9.	ıber			Failu	ire			Likel		d			& Im		Coi	nsec	uen	ces	
Condition number	Tree p	art		ondition f concer		Part size	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely	Negligible	Minor	Significant	Severe	Risk rating of part (from Matrix 2
ij	Branch	ies		dead or	dying	4"	45'	4	N	0	0	0	O	0	0	0	0	0	0	0	0	0	0	<b>①</b>	O	Low
1			stems			7"	75'	2	N	0	0	0	0	0	0	0	0	$\odot$	O	0	0	O	0	$\odot$	0	Low
			D. Carrie			4"	45'	3	N	O	$\odot$	O	Ō	0	0	0	Ō	$\overline{\odot}$	O	O	0	O	0	0	O	Low
1	Trunk		-			45"	80'	1	N.	0	0	0	0	0	0	0	0	$\odot$	0	0	0	0	0	0	0	Low
2						45"	80	2	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Low
						45"	80'	3	N.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Low
	Roots	7				45"	80'	1	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Low
3						45"	80'	2	N	O	0	0	0	0	0	0	0	$\odot$	0	0	0	0	0	0	0	Low
						45"	80′	3	N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Low
								T		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
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ata									d □No □Yes- es ■Root col								· Ve			177	7.60		_		_	

# TRE-8371: Chinese Chestnut

This tree is adjacent to 309 Highland Drive and is effectively dead.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
8371	Queen Anne Boulevard	Castanea mollissima	Chinese Chestnut	Poor	50	Dying. Structurally compromised. Kretzchmaria duesta, root decay.



	tle Landmarks Preserva		S Will be Curre	10 Mail-2 "	ent non record		8/3/2020				ne_2:15pm		_
ddress/T	ree location Adjace es American Chestnut	nt to 309 Highlan	d Dr., Seattle V				Tree r	io. TR			_ Sheet 1	of	2
7	Mark Malone	Castanea denta	a(a)		dbh_50" Time frame_1 Ye	Heigh		cad M	aller n	vn spi BH tan	read dia. 20 e, and GPS.		
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- T-				Tan	get Assessment		-	-				-	1
2.90									rget zor		Occupancy	2	
Target			Target des	scription				Target within drip line	Target within 1x Ht	Target within 1.5 x Ht.	rate 1-nate 2-received 3-frequent 4-reasted	Practical to move target?	Restriction
I			Hou	ise				1	1	1	4	N	N
2		Power	lines and co	mmunicati	on lines				1	1	4	N	N
3			Parked	dicars				1	1	1	3	Υ	Υ
4			Roa	ad				1	1	1	4	N	N
					Site Factors								
il conditi	ons Limited volume	□ Saturated [	☐ Shallow ☐	Compact	ed■ Pavement	over roots	65 9					alk	
evailing v	wind direction SW	Common	100				in Des	cribe	Seas	onal	rought.		
270 miles					th and Species		20 -		400	JO 475	n/	المامول	70
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own densecent or p Unba	sure Protected       sity Sparse       Norr clanned change in lo	Partial Fullinal Densel ad factors Re Tree  LCR 20 80 % overal	☐ Wind fund ☐ Interior buttenchment ☐ Defects and	neling	Even Normal Control of 17/29/16  Tons Affecting the and Branch Cracks Codominant	ne Likelihoo nes — Chained b	Vines/M od of Failu	istleto ure tems	pe/Mc	oss 🗆	lightning da	mage l	\ \ 
Unba Dead Broke	sure Protected       sity Sparse     Norr slanned change in lo	Partial Fullinal Densel ad factors Re  Tree  LCR 20 80 % overal	☐ Wind funi ☐ Interior betrenchment a Defects and  36 ■ Max. dia. 2	inelingbranches is pruning on the Condition	ew Normal C 17/29/16 ons Affecting the and Branch Cracks C Codominant Weak attachmen Previous branch	Chained to	Vines/M ed of Failu ogether st	istleto ire tems	oe/Mc	cavity/	ightning da Includer Nest hole_ branches p	mage l d bark l % cii	
Unba Dead Broke Over- Pruni Crow Redu	alanced crown  it twigs/branches  are reversed by the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of t	Partial Fullimal Denset ad factors Re Tree  LCR 20 80 % overal ar 3  Chinned Fopped Denset Street	□ Wind funi □ Interior I trenchment i a Defects and  %  Max. dia. 3  Max. dia. 4  Raised Lion-taile	melingbranches   pruning or d Conditio — Crown 3"	Todo Factors  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16  Ty29/16	Chained to the ark ark ark ark ark ark ark ark ark ark	vines/M od of Failu ogether st nions kers/Galls/ bartwood of suckers a	istleto ire tems /Burls decay nd sh	oe/Mo	cavity/ Similar	Lightning da Includer Nest hole r branches pr sod darnage/	mage l d bark l % cir resent l decay l	
Unba Dead Broke Over- Pruni Crow Redu Flush Main volts	alanced crown  alanced crown  at twigs/branches  en/Hangers Numberextended branches  ing history or cleaned  a cuts  a concern(s) Tip die age.	Partial Fullimal Denset ad factors Re Tree  LCR 20 80 % overal ar 3  Chinned Fopped Denset back from Kr	□ Wind funi □ Interior betrenchment is a Defects and □ Max. dia. 3 ■ Max. dia. 3 ■ Raised Lion-taile	melingbranches is pruning on d Condition Crown 20"	ew Normal Control of 17/29/16  In 7/29/16  In Affecting the and Branch Cracks Codominant Weak attachmen Previous branch Dead/Missing baconks Conks Response growt I drought stress	Chained to  Chained to  Chained to  Its 3 ur  failures 4  Ark 1 Can  He  Multiple 1	vines/M od of Failu ogether st nions kers/Galls/ bartwood of suckers a	istleto ire tems /Burls decay nd sh	oe/Mo	cavity/ Similar	Lightning da Includer Nest hole r branches pr sod darnage/	mage l d bark l % cir resent l decay l	
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### TRE-8372: Chinese Chestnut

This tree is adjacent to 309 Highland Drive. Dead branches were removed from this tree and it is no longer functional. The remainder of the tree detracts from the aesthetic of the boulevard.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
8372	Queen Anne Boulevard	Castanea mollissima	Chinese Chestnut	Very Poor	32	Dying.



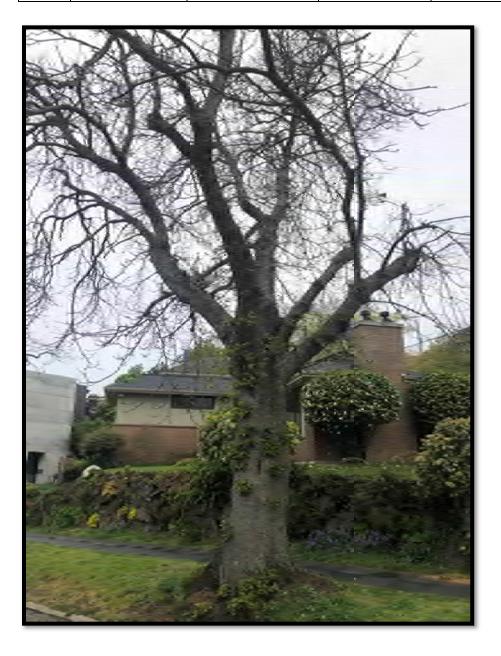
lient Seattle Landmarks Preservation Board			Date 8/4/20				me 9:45am		
ddress/Tree location Adjacent to 309 H	Highland Dr., Seattle,WA. 5			ee no. Tr			_ Sheet 1		2
ree species American Chestnut ( Castanea	a dentata)	dbh_32"	Height 20'		Cro	wn sp	read dia. B'	0 1	
ssessor(s) Mark Malone		Time frame	1 Year Too	ols used_M	iallet, L	вн гар	e and GPS.	_	
		Target Assessr	nent						
				Ta	rget zo	ne	Occupancy		
Target number	Target descrip	ittori		Target within drip line	Target within 1x Ht.	Target within 1.5 x Ht.	rate 1-nare 2-recasional 3-frequent 4-reasont	Practical to move target?	Restriction
1	Power pol	le		1	1	1	4	N	N
2	House				1	1	4	N	N
3	Deodar ced	dar		1	1	1	4	N	N
4	Parked ca			1	1	1	2	Y	Y
		Site Factors			-			-	-
story of failures			Tonoge	ohy Flatfi	Slop	еП	%	Asner	
ind exposure Protected ☐ Partial ■ own density Sparse ■ Normal ☐ Do	ense Interior bran	nches Few Norr	Rel	s/Mistlet					
ecent or planned change in load factor	Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Control of the Contro		unk and 2 stems rer ig the Likelihood of						
		Crown and Bra	_	2.000					1
Unbalanced crown   Dead twigs/branches   Broken/Hangers Number  Over-extended branches   Pruning history  Crown cleaned   Reduced  Flush cuts   Other  Main concern(s)	overall Max. dia. NA Max. dia.  Raised Lion-tailed	Codominar  Weak attacl  Previous br  Dead/Missi  Conks	it   nimerits   anch failures   fag bark   Heartwo	Galls/Burls		Cavity/ Simila Sapwo	Included Nest hole r branches po ood darnage/	d bark % ci resent /decay	re.
Load on defect N/A Likelihood of failure Improbable		the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	ant 🗆						
Codominant stems ☐ Incl Sapwood damage/decay ☐ Canke Lightning damage ☐ Heartwood do	Abriormal bark texture/o luded bark □ Cr ers/Galls/Burls □ Sap o lecay □ Conks/Mushro	racks 🗆 ooze 🗅	Collar buried/Not visit Dead Dead Dead	ole  De  De  De  De  De  De  De  De  De  D	epth _% ci : ■ Di	Conks/ rc. stance kness I	Mushrooms from trunk	irdling l s □	

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Condition number	Tree pa	art		ondition f concer		Part size	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely		Negligible	Minor	Significant	Severe	Risk rating of part (from Matrix 2)
Ī	Branch		Dead	branch		8"	5	4	N	0	0	0	O	0	0	0	O	0	0	0	0	0	O	0	O	Modera
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						8"	20'	3	N	O	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	Low
	Trunk		Intern	al decay		32"	20'	1	N	0	0	O	0	0	0	0	0	0	0	0	0	0	0	0	0	Moder
2						32"	20	2	N	0	0	Q	Q	0	0		Q	0	0	0	0	0	0	0	O	Low
						32"	20'	3	N.	0	0	Q	Ŏ	O	0	Ø	Ō	0	Q	0	O	Q	Q	0	Ó	Low
	Roots			or deca	yed	32"	20'	9	N	C	<b>O</b>	Q	0	0	0	0	0	0	0	0	0	0	0	0	0	Modera
3			roots.			32"	20'	2	N	0	O	Q	O	0	0		0	0	0	0	0	0	0	0	0	Low
						32"	20'	3	N	0	0	Q	Ŏ	O	0	Ø	Q	0	0	0	0	0	0	0	O	Low
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ata	Final	□Pr	relimir	nary Ad	vance	dassess	sment r	neede	ed □No □Yes-	Туре	e/Re	ason	1_													
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## TRE-15328: Chinese Chestnut

This tree is adjacent to 1133 Bigelow Ave N and effectively dead. The large dead branches pose a hazard to the street and sidewalk.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
15328	Queen Anne Boulevard	Castanea mollissima	Chinese Chestnut	Very Poor	26	Dying.



Addre	Seattle Landmarks Preservation Board  SSS/Tree location Adjacent to 1133 Bigelow Ave. N. Seattle WA.	98109		te 8/5/2020 Tree r	no. TR	E-1532		ne 2pm Sheet 1	of	2
ree s	pecies American Chestnut ( Castanea dentata)	dbh 26"		ight 75'	V =	Crov	vn spr	read dia. 50		
ssess	sor(s) Mark Malone	Time frame	1 Year	Tools u	sed M	allet, D	BH tap	e and GPS		
		Target Assessm	ent							
					Ta	rget zor	ne	5 9. 201		
et ser					him	土	pp.	Occupancy	Practical to move target?	5.
Target	Target description				t wit	arge n 1x	rget with	1-race 2-rocational	in the second	fette
					Target within drip line	Target within 1x F	Target with	3 - frequent 4 - constant	Pract	Restriction
1	House					1	1	4	N	N
2	Parked cars				1	1	1	3	Υ	Υ
3	Road				1	1	1	4	N	N
4	Sidewalk				1	1	1	4	N	N
		Site Factors								
stor	y of failures			Topography	Flat	Slope	e 🗆 _	%	Aspec	t
	nanges None□ Grade change□ Site clearing□ Changed	soil hydrology 🗆				- V			- 1,60	
	onditions Limited volume ☐ Saturated ☐ Shallow ☐ Comp			the residue of the second				valk and roa	ad	
	iling wind direction SW Common weather Strong wi									
2241		lealth and Spec								
ac.	Low ■ Normal □ High □ Foliage None (seasona			15 0				144		70
~	- Normal - Figure Foliage None (seasons)		ead\ Die		9	hami	10 111	QC Nim	crotic	
sts	Kretzchmaria duesta	Abiotic	lead)□ No	ormal 15	6 C	hlorot	nc 10	% Ne	crotic_	15
_	Kretzchmaria duesta esfailure profile Branches ■ Trunk□ Roots□ Describe.	Abiotic		ormai 19_ 7	% C	hlorot	nc 10	% Ne	crotic_	15
ind o		Abiotic Sudden branch Load Factor	drop s al ■ Densel	Relative	e crow	/n size	5ma	II□ Mediu	m 🗆 l	arge
ind o	exfailure profile Branches Trunk Roots Describe.  exposure Protected Partial Full Windfunneling Indensity Sparse Normal Dense Interior branch tor planned change in load factors  Tree Defects and Control	Abiotic Sudden branch Load Factor	drop s al Densel g the Likelih	Relative	e crow	/n size	5ma	II□ Mediu	m 🗆 l	argel
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rown	exposure Protected Partial Full Windfunneling Indensity Sparse Normal Dense Interior branch to replanned change in load factors  Tree Defects and Conductors  Unbalanced crown LCR 15 % Dead twigs/branches 70 % overall Max. dia. 18"	Abiotic Sudden branch Load Factors ses Few Norm dittions Affecting own and Bran Cracks	drop s al Densel g the Likelih nches —	Relative □ Vines/M tood of Fails	e crow	n size oe/Mo	s Sma	II□ Mediu	m□ (	.argel
rown	exposure Protected Partial Full Windfunneling Indensity Sparse Normal Dense Interior branch to r planned change in load factors  Tree Defects and Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Concurrence Conc	Abiotic Sudden branch Load Factors ses Few Norm dittions Affecting own and Brai Cracks Codominant	drop s al Densel g the Likelih nches —	Relative Unes/M	e crow listleto	/n size oe/Mo	Sma oss □	II  Mediü  Lightning da	m□ ( mage l	Largel
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# TRE-15345: Chinese Chestnut

This tree is adjacent to 1133 Bigelow Ave N and is effectively dead.

Tree ID	Park Name	Tree Species	Common Name	Condition Rating	DBH	Concern
15345	Queen Anne Boulevard	Castanea mollissima	Chinese Chestnut	Poor		Dying/Dead.



	tie Landmarks Preservation Bo				Date 8/4/202	0			me 10:30am		
	ree location Adjacent to 11					ee no. Tr			_ Sheet 1		2
	American Chestnut ( Casta	inea dentata)		dbh 45" Time frame 13	Height 50'				read dia. 40	9.	
sessor(s	Mark Malone					is used M	iallet, D	вп шр	e, GP3		
			Tai	rget Assessme	nt	-				_	_
							rget zo	ne	Occupancy		
Target		Target	description			Target within drip line	Target within 1x Ht	Target within 1.5 x Ht.	rate 1-nace 2-reconium 3-frequent 4-constant	Practical to move target?	Restriction
1		H	ouse				1	1	4	N	N
2		Park	ed cars			1	1	1	3	Υ	Υ
3		F	Road			1	1	1	4	N	N
4		Sic	dewalk			1	1	1	4	N	N
				Site Factors							
story of fa	ailures				Topogra	phy Flat	Slop	e	%	Aspec	t
ind expo	ure profile Branches ■ T sure Protected □ Partial sity Sparse ■ Normal □	I■ Full□ Windf	unneling 🗆 _	Load Factors	Rela				II□ Mediu		
cent or p	lanned change in load fac	District Days	and Conditi	ons Affecting t	he Likelihood of I	ailure					
/				n and Branc							
Dead Broke Over- Pruni Crow Redu Flush	twigs/branches  80 en/Hangers Number 2 extended branches  ing history n cleaned  Thinne	Max. dia ed ■ Raised d □ Lion-ta	1 • alled •	Codominant C Weak attachmi Previous brand Dead/Missing k Conks Response grow	ents ■ h failures ■ park □ Cankers/G	ialls/Burls		Cavity/ Similar	Included Nest hole r branches p	d bark % ci resent	rc.
	on defect N/A 🗆			Significant Imminent							
Codo Sapw Lightr Cavity Lean	/Missing bark	d decay ■ Conks/N Depth	Cracks C Sap ooze I Mushrooms I Poor taper C likely.	De Oo Ora	llar buried/Not visib ad	ole De ay De ty De ged roots So ckers is dead	epth ( % cir : Die il weak	Conks/ rc. stance kness I ead o	Mushrooms from trunk	roots	

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Condition number	Tree p	art		ondition f concer		Part size	Fall distance	Target number	Target protection	Improbable	Possible	Probable	Imminent	Very low	Mor	Medium	High	Unlikely	Somewhat	Likely		Negligible	Minor	Significant	Severe	Risk rating of part (from Matrix 2
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						14"	40'	3	N	O	$\odot$	0	$\circ$	C	$\mathbb{C}$	0	0	0	$\odot$	0	0	0	$\odot$	0	0	Low
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