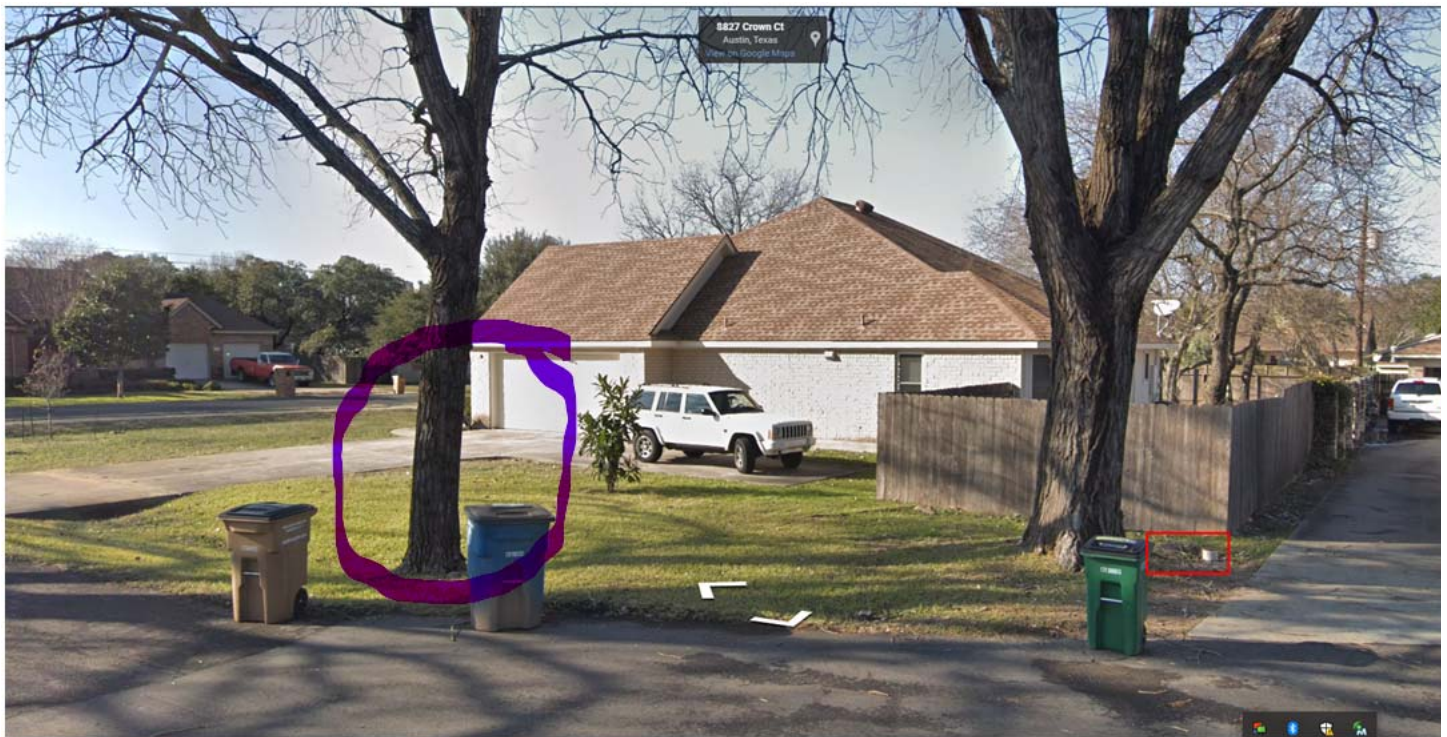

From: Killander, Lisa
Sent: Wednesday, March 17, 2021 10:50 AM
To: Patrick Fulker
Cc: Mars, Keith
Subject: RE: Request to remove 20" Cottonwood tree in ROW of 13213 Villa Park Dr
Attachments: 13213 Villa Park Road risk assessment of 20 inch tree.pdf

Mr. Fulker,

Good morning. I did an on-site assessment of the now 21" diameter cottonwood in the City of Austin right of way adjacent to your property on March 15, 2021. I made note of the tree's condition as the growing season is beginning. I observed the canopy full of catkins and noted of the number and size of the broken branches within the canopy. This tree is in very good condition and assessed to be a low risk tree. My assessment worksheet is attached so that you can see how a Tree Risk Assessment Qualified arborist systematically comes to this conclusion. This system is recognized worldwide as a means to assess a tree's risk to pedestrians, vehicles and stationary structures like houses.

I measured the distance from the water meter (red box next to drive) to the trunk of the 21" diameter tree, circled in purple, as approximately 28 feet. The invoice that you provided from your contractor made no mention of the break in the pipe resulting from a tree root. I have no photos to document your claim that a root caused the break. Hence, I cannot conclude that this tree 28 feet away is the reason for the break in the pipe next to your water meter. I am sorry for the inconvenience this leak caused but the tree will not be removed based on my findings.



Kind regards,

Lisa Killander

Program Manager Public Works Forestry
Office of the City Engineer
Certified Arborist TX 3735-A
Tree Risk Assessment Qualified
512-974-9198



From: Patrick Fulker <patrick.fulker@gmail.com>

Sent: Thursday, February 25, 2021 3:02 PM

To: Killander, Lisa <Lisa.Killander@austintexas.gov>; Mars, Keith <Keith.Mars@austintexas.gov>

Subject: Request to remove 20" Cottonwood tree in ROW of 13213 Villa Park Dr

*** External Email - Exercise Caution ***

Lisa, I am writing because I have had to incur another costly pipe repair near the roots of these trees. This pipe issue occurred after removal of the 34" tree. I am requesting administrative approval to remove this 20" cottonwood tree located in the right of way of my property. The repeated damage of my pipes is preventing reasonable use of my property and placing an undue financial burden on me. If there is a specific form or official process for me to follow then please inform me of how to proceed with this request. Thank you for your consideration and I look forward to hearing any reasonable solutions to resolve this matter.

CAUTION: This email was received at the City of Austin, from an EXTERNAL source. Please use caution when clicking links or opening attachments. If you believe this to be a malicious and/or phishing email, please forward this email to cybersecurity@austintexas.gov.

Hx2 = 28' from taps meter



Basic Tree Risk Assessment Form

Client _____ Date 3/15/2021 Time 10:45 am
 Address/Tree location 13213 Villa Park Drive Tree no. _____ Sheet 1 of 2
 Tree species Cottonwood dbh 21" Height 40' Crown spread dia. 30'
 Assessor(s) Lisa Killander Time frame 2 yrs Tools used dbh tape

Target Assessment

Target number	Target description	Target zone			Occupancy rate 1 - rare 2 - occasional 3 - frequent 4 - constant	Practical to move target?	Restriction practical?
		Target within drip line	Target within 1 x Ht.	Target within 1.5 x Ht.			
	<u>Catkins present throughout canopy</u>						
1	<u>pedestrians</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>2</u>	<u>N</u>	<u>N</u>
2	<u>cars</u>	<u>Y</u>	<u>Y</u>	<u>Y</u>	<u>2</u>	<u>N</u>	<u>N</u>
3	<u>house</u>	<u>N</u>	<u>Y</u>	<u>Y</u>	<u>4</u>	<u>N</u>	<u>N</u>
4							

Site Factors

History of failures none Topography Flat ☒ Slope ☐ % Aspect 5
 Site changes None ☐ Grade change ☐ Site clearing ☐ Changed soil hydrology ☐ Root cuts ☐ Describe _____
 Soil conditions Limited volume ☐ Saturated ☐ Shallow ☐ Compacted ☐ Pavement over roots ☒ 25% Describe street
 Prevailing wind direction W Common weather Strong winds ☐ Ice ☐ Snow ☐ Heavy rain ☐ Describe _____

Tree Health and Species Profile

Vigor Low ☐ Normal ☒ High ☐ Foliage None (seasonal) ☒ None (dead) ☐ Normal _____ % Chlorotic _____ % Necrotic _____ %
 Pests _____ Abiotic _____
 Species failure profile Branches ☐ Trunk ☐ Roots ☐ Describe _____

Load Factors

Wind exposure Protected ☐ Partial ☒ Full ☐ Wind funneling ☐ Relative crown size Small ☐ Medium ☒ Large ☐
 Crown density Sparse ☐ Normal ☒ Dense ☐ Interior branches Few ☐ Normal ☒ Dense ☐ Vines/Mistletoe/Moss ☐
 Recent or planned change in load factors _____

Tree Defects and Conditions Affecting the Likelihood of Failure

— Crown and Branches —

Unbalanced crown ☒ LCR 50%
 Dead twigs/branches ☐ 5% overall Max. dia. 2"
 Broken/Hangers Number 6 Max. dia. 8"
 Over-extended branches ☐ (2") 8" (1)
 Pruning history
 Crown cleaned ☐ Thinned ☐ Raised ☐
 Reduced ☐ Topped ☐ Lion-tailed ☐
 Flush cuts ☐ Other _____
 Main concern(s) none

Load on defect N/A ☒ Minor ☐ Moderate ☐ Significant ☐
 Likelihood of failure Improbable ☒ Possible ☐ Probable ☐ Imminent ☐

— Trunk —

Dead/Missing bark ☐ Abnormal bark texture/color ☐
 Codominant stems ☐ Included bark ☐ Cracks ☐
 Sapwood damage/decay ☐ Cankers/Galls/Burls ☐ Sap ooze ☐
 Lightning damage ☐ Heartwood decay ☐ Conks/Mushrooms ☐
 Cavity/Nest hole _____ % circ. Depth _____ Poor taper ☐
 Lean _____ ° Corrected? _____
 Response growth _____
 Main concern(s) none

Load on defect N/A ☒ Minor ☐ Moderate ☐ Significant ☐
 Likelihood of failure Improbable ☒ Possible ☐ Probable ☐ Imminent ☐

— Roots and Root Collar —

Collar buried/Not visible ☐ Depth _____ Stem girdling ☐
 Dead ☐ Decay ☐ Conks/Mushrooms ☐
 Ooze ☐ Cavity ☐ _____ % circ.
 Cracks ☐ Cut/Damaged roots ☐ Distance from trunk _____
 Root plate lifting ☐ Soil weakness ☐
 Response growth _____
 Main concern(s) none

Load on defect N/A ☒ Minor ☐ Moderate ☐ Significant ☐
 Likelihood of failure Improbable ☒ Possible ☐ Probable ☐ Imminent ☐

Risk Categorization

Condition number	Tree part	Conditions of concern	Part size	Fall distance	Target number	Target protection	Likelihood												Consequences				Risk rating of part (from Matrix 2)
							Failure				Impact				Failure & Impact (from Matrix 1)				Negligible	Minor	Significant	Severe	
							Improbable	Possible	Probable	Imminent	Very low	Low	Medium	High	Unlikely	Somewhat	Likely	Very likely					
1	crown	none	8" 40'	1	Y	✓				✓				✓							✓		Low
			8" 40'	2	Y	✓					✓				✓						✓		Low
			8" 40'	3	Y	✓					✓				✓						✓		Low
2	trunk	none	21" 40'	1	N	✓					✓			✓								✓	Low
			21" 40'	2	N	✓					✓				✓						✓		Low
			21" 40'	3	N	✓					✓				✓						✓		Low
3	roots, root crown	none	21" 40'	1	N	✓					✓			✓								✓	Low
			21" 40'	2	N	✓					✓				✓						✓		Low
			21" 40'	3	N	✓					✓				✓						✓		Low
4																							

Matrix 1. Likelihood matrix.

Likelihood of Failure	Likelihood of Impacting Target			
	Very low	Low	Medium	High
Imminent	Unlikely	Somewhat likely	Likely	Very likely
Probable	Unlikely	Unlikely	Somewhat likely	Likely
Possible	Unlikely	Unlikely	Unlikely	Somewhat likely
Improbable	Unlikely	Unlikely	Unlikely	Unlikely

Matrix 2. Risk rating matrix.

Likelihood of Failure & Impact	Consequences of Failure			
	Negligible	Minor	Significant	Severe
Very likely	Low	Moderate	High	Extreme
Likely	Low	Moderate	High	High
Somewhat likely	Low	Low	Moderate	Moderate
Unlikely	Low	Low	Low	Low

Notes, explanations, descriptions _____

Mitigation options Tree is low risk. No mitigation needed Residual risk _____

_____ Residual risk _____

_____ Residual risk _____

_____ Residual risk _____

Overall tree risk rating Low ☒ Moderate ☐ High ☐ Extreme ☐

Work priority 1 ☐ 2 ☐ 3 ☐ 4 ☐

Overall residual risk Low ☐ Moderate ☐ High ☐ Extreme ☐

Recommended inspection interval annual

Data ☒ Final ☐ Preliminary ☒ Advanced assessment needed ☒ No ☐ Yes-Type/Reason _____

Inspection limitations ☒ None ☐ Visibility ☐ Access ☐ Vines ☐ Root collar buried Describe _____