Arborist Survey Report

Canyon Creek HOA

Boulder Lane
Austin, TX

Prepared by:

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ISA Cert. TX-4618A

ISA TRAQ Qualified

TX Oak Wilt Qualified #333

Lone Star
Tree & Turfgrass
Consulting Services

CONTENTS:

ATTACHMENTS

1.0 INTRODUCTION

Lone Star Tree & Turfgrass Consulting Services, LLC conducted an arborist survey for several trees located along Boulder Lane in the Canyon Creek HOA Subdivision in Austin, TX. The purpose of this survey was to identify and evaluate trees that have been stressed, damaged or are otherwise deemed unhealthy, mostly as a result of winter storm Uri in February of 2021. Trees were mapped and their general conditions were assessed.

It is our understanding that the parties involved would like to save as many trees as possible. This was taken into consideration when evalutating these trees.

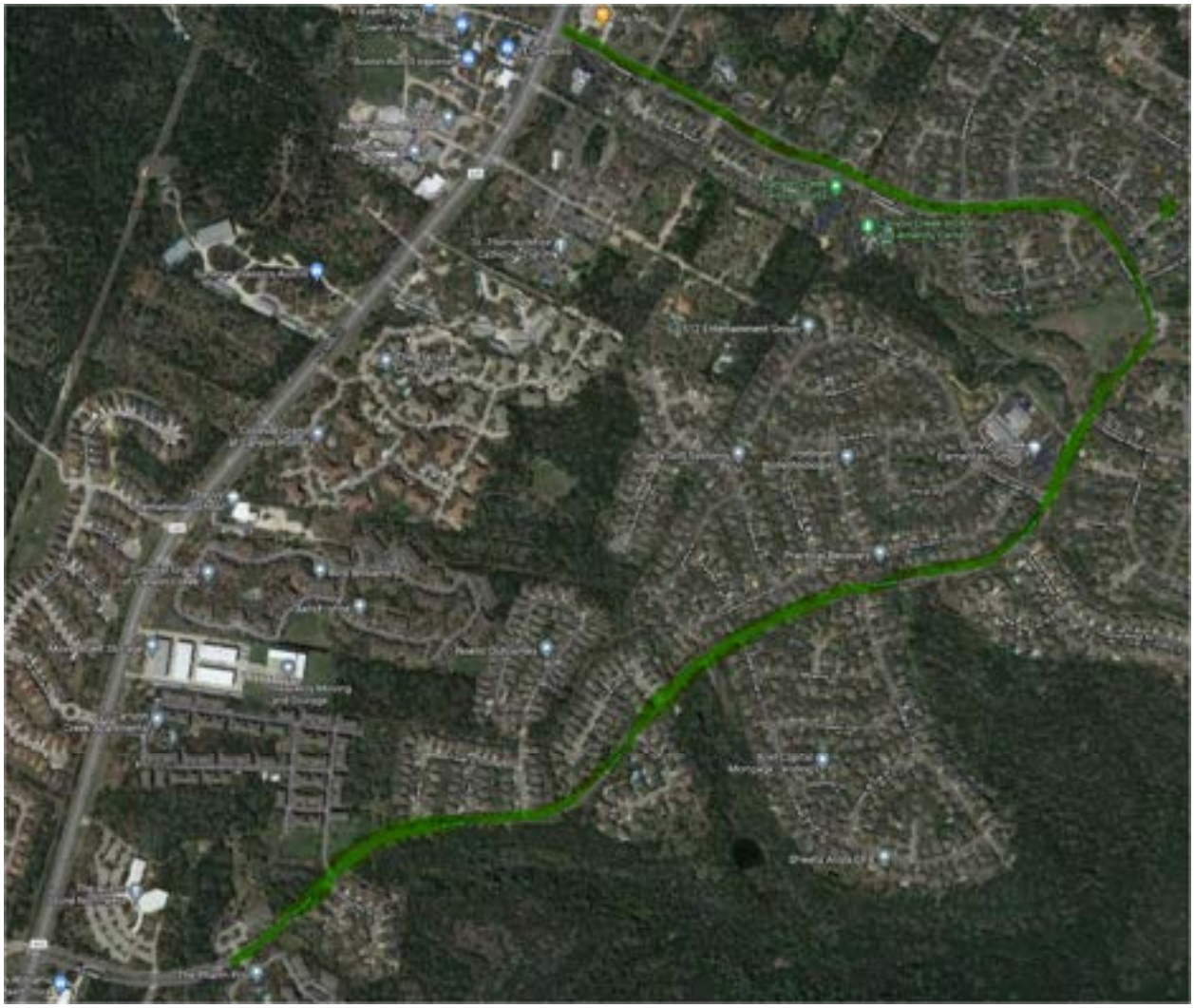
For purposes of this report, the terms caliper and DBH (Diameter at Breast Height) may be used interchangeably.

All DBH's provided are approximate. Trees on site were not tagged for identification purposes. Trees were assigned general numbers for identification for the purposes of this report.

2.0 SITE DESCRIPTION

The site is located on Boulder Lane in Austin Texas. Trees are located in various locations along Boulder Lane between FM 620 and the entry to Sonterra Apartment Homes at 10320 Boulder Lane Austin, TX. Trees were located on both sides of the Right of Way as well as in the center median.

Additionally one tree was evaluated in the island of Lynncrest Cove.



3.0 METHODS

Lone Star Tree & Turfgrass Consulting Services arborist Kyle Foreman (ISA Certification TX-4618A) conducted the field survey on August 30, 2021. During this field survey Mr. Foreman walked the project site and recorded data using mobile GPS data and tree survey data entry software.

Data collected included the species, approximate DBH (Diameter at Breast Height) based on visual approximation, overall tree health, tree health issues, and overall tree structure. Photos of the trees were also taken and included as a reference.

Diameter at Breast Height (dbh): Trunk diameter at 4.5 feet above grade. Due to this evaluation being primarily to evaluate tree health, exact measurements were not taken of each tree. The DBH was approximated visually by the surveying arborist.

Tree Overall Health: An estimate of the tree's overall health. This includes evaluation of foliage, evidence of wound healing, evidence of fungal attack, density of insect galls, and the amount and condition of attached deadwood. Condition was rated on a four-point scale (Good, Fair, Poor, Dead/Dying).

Tree Structure: An estimate of the tree's structural soundness, based on obvious external evidence. This evaluates the obvious potential for structural failure of one or more major branches or trunks, the environment and condition of the root crown, symmetry of the canopy, and any noticeable effects of crowding caused by adjacent trees. Structure was rated on a five-point scale (very poor, poor, fair, good, very good).

4.0 RESULTS

A walkthrough of the site let to a total of 30 trees being evaluated. Many other trees were already marked to be pruned or removed. After discussion with the landscape representative, trees that were only to be pruned or trees that were obviously dead were not evaluated in this report.

Even trees in poor health are still mostly sound structurally. This allows the HOA to wait, if they want to, on tree removal. In many instances, pruning of dead wood would be detrimental to overall tree health and structure, and if the trees are to remain, I'd recommend minimal pruning until next spring. At that point, re-evaluating tree-health would be beneficial. If the trees still have not recovered, then removal may be warranted. If the trees are found to by unacceptable aesthetically to the HOA at this point the removal would be warranted due to current tree health.

Data and evaluation of surveyed trees can be found in the attachment of this report.

5.0 IMPACTS & CONCLUSIONS

Lone Star Tree & Turfgrass Consulting Services was contracted to provide a survey and third party opinion of the health of these trees on the site described herein. Recommendations based on findings from this survey and the impacts of altering the current inventory of trees on this site are not provided as part of this report.

Lone Star Tree and Turfgrass Consulting Services is not responsible for discovery or identification of hidden or otherwise non-observable hazards or defects. Observations do not include individual testing or analysis and do not include aerial or sub-surface inspection. Any reference to time frame is not a guarantee for tree stability. Records may not remain accurate after inspection due to variable deterioration of inventoried material. Extreme weather or unforeseeable events may cause tree failure.

Lone Start Provides no warranty with respect to the fitness of the urban forest for any use or purpose whatsoever.

Tree Survey

Conduct tree inventory for size, height, health, and any issues present.

8/30/2021, 8:47:35 PM UTC

CREATED

8/30/2021, 7:03:56 PM UTC
by Kyle Foreman

UPDATED

8/30/2021, 8:47:35 PM UTC
by Kyle Foreman

STATUS

Inventoried

LOCATION

30.443042, -97.832678

Field Tree Survey (15 Items)

Field Tree Survey - 1. 1

Tree Tag # (If Applicable)	1
Tree Species	Taxodium distichum - Bald Cypress
Diameter (DBH)	11
Tree Overall Health	Poor
Tree Health Issues	Weather Stress, Water Stress
Tree Health Issues Notes	Tree is showing signs of freeze damage, pruning will leave a unappealing tree. I recommend removal or no pruning at all if it is OK to wait and see if tree responds in another growing season
Tree Structure	Fair
Tree Structure Conditions	Dead Branches

Photos

Field Tree Survey - 2. 2

Tree Tag # (If Applicable)	2

Tree Species	Quercus stellata - Post Oak
Diameter (DBH)	12
Tree Overall Health	Dead or Dying
Tree Health Issues	Weather Stress, General senescence
Tree Health Issues Notes	Tree has poor structure in poor health, recommend removal
Tree Structure	Very Poor
Tree Structure Conditions	

Photos

Field Tree Survey - 3. 3

Tree Tag # (If Applicable)	3
Tree Species	Quercus stellata - Post Oak
Diameter (DBH)	14
Tree Overall Health	Poor
Tree Health Issues	Weather Stress, General senescence
Tree Health Issues Notes	Tree is suffering from a parent freeze damage, lots of deadwood and canopy, I recommend pruning deadwood as much as possible and allowing tree to recover
Tree Structure	Fair
Tree Structure Conditions	

Photos

Field Tree Survey - 4. 4

Tree Tag # (If Applicable)	4
Tree Species	Quercus virginiana - Live Oak
Diameter (DBH)	12
Tree Overall Health	Poor
Tree Health Issues	Weather Stress
Tree Health Issues Notes	First and third trees in this grouping do not appear to show signs of adequate recovery, I recommend removal. The second tree at this location can use basic pruning to remove deadwood and hopefully allow the tree to recover.
Tree Structure	Good
Tree Structure Conditions	

Photos

Field Tree Survey - 5. 7

Tree Tag # (If Applicable)	7
Tree Species	Quercus polymorpha-Monterrey Oak
Diameter (DBH)	8
Tree Overall Health	Poor
Tree Health Issues	Weather Stress
Tree Health Issues Notes	Freeze damage tree as is very common in Monterey Oaks after a winter storm, recommend removal
Tree Structure	
Tree Structure Conditions	

Photos

Field Tree Survey - 6. 8

Tree Tag # (If Applicable)	8
Tree Species	Quercus virginiana - Live Oak
Diameter (DBH)	15
Tree Overall Health	Poor
Tree Health Issues	Weather Stress

Tree Health Issues Notes	Several dead limbs and branches consistent with freeze damage. I feel on most oaks in this condition, especially Live Oaks, it is too early to make a call on mortality. I recommend pruning and waiting until next spring to allow for recovery
Tree Structure	
Tree Structure Conditions	

Photos

Field Tree Survey - 7. 9

Tree Tag # (If Applicable)	9
Tree Species	Quercus polymorpha-Monterrey Oak
Diameter (DBH)	8
Tree Overall Health	Poor
Tree Health Issues	Weather Stress
Tree Health Issues Notes	Tree has quite a bit of foliage, but pruning the tree to remove deadwood would result in removal of the central leader. Removing the central leader can cause structural and other issues in the future. I would recommend removal of the tree
Tree Structure	Poor
Tree Structure Conditions	

Photos

Field Tree Survey - 8. 10

Tree Tag # (If Applicable)	10
Tree Species	Quercus polymorpha-Monterrey Oak
Diameter (DBH)	7
Tree Overall Health	Poor
Tree Health Issues	Weather Stress
Tree Health Issues Notes	Removing deadwood from this tree will result in a very ugly tree. If it is OK with those involved, I am OK with this tree staying and only deadwood removed, just understand that it will not be very appealing. Also, This tree may never recover fully to be a healthy tree, even in 5 to 10 years
Tree Structure	Poor
Tree Structure Conditions	

Photos

Field Tree Survey - 9. 11

Tree Tag # (If Applicable)	11
Tree Species	Quercus texana buckleyi - Texas Red Oak
Diameter (DBH)	22
Tree Overall Health	Dead or Dying
Tree Health Issues	Weather Stress, Fungal Issues, Physical Damage, Significant decay
Tree Health Issues Notes	This tree appears to be in declining health, significant decay throughout the lower trunk, and high risk of impact and damage in the event of a tree failure. I recommend removal
Tree Structure	Very Poor
Tree Structure Conditions	Cavities, Conks, Cracks, Decay, Dead Branches, Dead/Missing Bark

Photos

Field Tree Survey - 10. 12

Tree Tag # (If Applicable)	12
Tree Species	Quercus macrocarpa - Burr Oak
Diameter (DBH)	14
Tree Overall Health	Dead or Dying
Tree Health Issues	Weather Stress, Fungal Issues, Insect Damage
Tree Health Issues Notes	Tree has both fungal and insect damage present, pruning of the tree would not yield a structurally sound and ugly tree. I would recommend removal.
Tree Structure	Poor
Tree Structure Conditions	

Photos

Field Tree Survey - 11. 13

Tree Tag # (If Applicable)	13
Tree Species	Quercus virginiana - Live Oak
Diameter (DBH)	
Tree Overall Health	
Tree Health Issues	Weather Stress
Tree Health Issues Notes	There are eight Live Oaks in question at the intersection of Boulder Lane and Cinnabar Trail. For almost all of these trees I do not see an adequate way to prune and maintain structural integrity of the tree. If you would like to wait to see if these trees rebound next year, I would recommend no pruning at all, just leave them be as pruning would be an unnecessary cost. Otherwise these trees can be marked for removal now.
Tree Structure	Good
Tree Structure Conditions	

Photos

Field Tree Survey - 12. 14

Tree Tag # (If Applicable)	14
Tree Species	Quercus macrocarpa - Burr Oak
Diameter (DBH)	15
Tree Overall Health	Dead or Dying
Tree Health Issues	Weather Stress
Tree Health Issues Notes	This tree does not show adequate signs of regrows in the canopy, I recommend removal.
Tree Structure	
Tree Structure Conditions	

Photos

Field Tree Survey - 13. 15

Tree Tag # (If Applicable)	15
Tree Species	Quercus virginiana - Live Oak
Diameter (DBH)	10
Tree Overall Health	Dead or Dying
Tree Health Issues	Weather Stress
Tree Health Issues Notes	There are six trees in question at this location all our Live Oak. Five of them show little to no signs of regrowth in the canopy and can't be marked for removal. The one farthest to the north shows adequate regrowth in canopy and do not recommend pruning or removal.
Tree Structure	
Tree Structure Conditions	

Photos

Field Tree Survey - 14. 16

Tree Tag # (If Applicable)	16
Tree Species	Quercus texana buckleyi - Texas Red Oak
Diameter (DBH)	18
Tree Overall Health	Poor
Tree Health Issues	Weather Stress, Fungal Issues, Physical Damage
Tree Health Issues Notes	This tree still has plenty of foliage in the canopy, but there is a very significant amount of decay in the trunk. I recommend removal for safety reasons as this tree would classify as an eminent threat of failure
Tree Structure	Poor
Tree Structure Conditions	Cavities, Cracks, Decay, Dead Branches, Dead/Missing Bark

Photos

Field Tree Survey - 15. 17

Tree Tag # (If Applicable)	17
Tree Species	Sophora secundiflora - Texas Mountain Laurel
Diameter (DBH)	6
Tree Overall Health	Poor
Tree Health Issues	Weather Stress, Fungal Issues, Physical Damage
Tree Health Issues Notes	Mountain laurels marked for removal in this area show signs of general senescence in addition to freeze damage. These mountain laurels are very mature and will most likely never make a full recovery if allowed to stay. I recommend removal
Tree Structure	
Tree Structure Conditions	

Photos