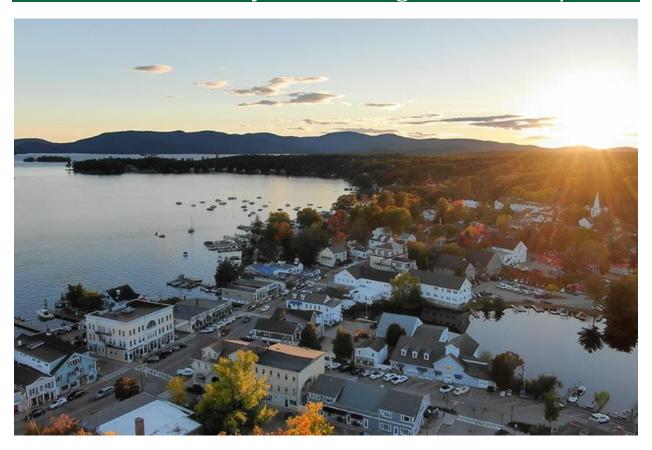
Town of Wolfeboro Tree Inventory and Management Plan | 2022



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Town of Wolfeboro Tree Inventory and Management Plan

MAKING THE MOST OF YOUR INVENTORY MANAGEMENT PLAN

Those who operate a large business or institution understand how inventory impacts operations and budgeting. One must know what's there, how much or how many, and where it all is. But the task doesn't end there. To obtain the greatest benefit from inventory, owners or their designees must manage it. Are a company's tools, for example, old and defective, in need of repair, in short supply, or useless and taking up space that could be better occupied? A good management plan will address these issues and keep the inventory current, in good condition, and functioning for the benefit and safety of those involved.

Managing trees on a large property can seem like an overwhelming task, but the same principles of inventory management apply. This inventory and management plan should provide managers the data they need to develop realistic budgets for their tree maintenance needs, and it will help make the Town of Wolfeboro a safer and more beautiful environment.

The following tips will assist you in making the most of this document:

Who's Who

Those who conducted the inventory and prepared this document are members of the Bartlett Inventory Solutions team. They are also employees of Bartlett Tree Experts. The Bartlett Inventory Solutions team is overseen by Technical Advisors out of the Bartlett Tree Research Laboratories in Charlotte, North Carolina. The advisors are primarily charged with client support, coordination, quality control, and documentation of inventories and the related data. Extensively trained Regional Inventory Arborists from local Bartlett Tree Experts offices are the primary data collectors and authors of the management plans. Readers may interpret the terms "Bartlett Tree Experts," "Bartlett," "the Inventory Team," "the team," "we," and "our" as the Bartlett company and those who conducted the inventory and prepared this management plan. In addition to the primary author(s) listed on the cover page, Team Member(s) involved in this project included:

Technical Advisor Chris Breedlove, Consulting Advisor

ISA Certified Arborist #SO-10506A, ISA Tree Risk Assessment Qualified

Data Collection

Kat Cummings, Regional Inventory Arborist

ISA Board Certified Master Arborist & Municipal Specialist #NE-7396BM, Massachusetts Certified Arborist #102013, ISA Tree Risk Assessment Qualified

Subject Trees

In this document, the term "subject trees" refers (depending on context) to some or all of the 661 trees included in the inventory.

Definitions & Bolded Terms

Some definitions or specifications are detailed within a given section to explain how readers should interpret certain terms or classifications. We have also appended a Glossary for other terms that appear throughout the document. The first reference to each of these terms appears in **bold** for the reader's convenience.

How This Document is Organized

An outline appears below that introduces the order in which the sections of the management plan will appear. The management plan layout is as follows:

Table of Contents

o Road map for the management plan

• Making the Most of Your Inventory Management Plan

 Explanations for how to efficiently and effectively understand and navigate this management plan document

• Executive Summary

• Synopsis of the major findings and recommendations

Introduction

Brief explanation of the inventory and what was included

Goals & Objectives

Explanation of the specific goals and objectives for this inventory

Data Collection & Tree Inspection Methodology

Lists, explanations, and definitions of all data collected during the inventory

Tree Risk Assessment and Mitigation

- o Summary of *overall tree risk ratings* assigned during the inventory with corresponding table and map displays with figures if applicable
- Summary of Level 3 Advanced assessments recommended during the inventory (summarized in the overall tree risk ratings table) with a map display and figures if applicable

• Stand Dynamics Results

Summary information for the entire tree population inventoried

Recommendations

 Summary of all recommendations made during the inventory including associated table and map displays, explanations and examples, and figures if applicable

• Defects or Observations

 List of all trees observed to have defects in the field in a table view with associated descriptive figures and maps if applicable

Entire Inventory

o List of all trees collected in a table display

• Additional Resources

o Listing of all appended items for this management plan

EXECUTIVE SUMMARY

In March 2022, the Bartlett Inventory Solutions (BIS) Team from Bartlett Tree Experts conducted an inventory of trees located along the public right-of-way at the Town of Wolfeboro. We identified 661 trees which included 38 species. The attributes that we collected include tree latitude and longitude, size, age and condition class, and a visual assessment of tree structure, health, and **vigor**.

We conducted the attribute collection using a sub-meter accuracy Global Positioning Satellite Receiver (GPSr) device with an error-in-location potential of not greater than three meters. Our recommendations for the subject trees are based on the number of desired management cycles. All tree work activities will comply with current American National Standards Institute (ANSI) Z133.1 requirements for safety.

Tree Risk Assessments and Mitigation

Perform the recommended tree risk mitigation activities for the 661 trees (100%) which we found defects or concerns that prompted the need to use the International Society of Arboriculture's (ISA) risk matrices in the field. Risk mitigation activities will comply with current ANSI A300 standard practices. Please see the Tree Risk Assessments, Limitations & Glossary section for more information.

Level 3 Advanced Assessment

At the time of inventory, no trees were recommended for *Level 3 Advanced assessments* to evaluate the impact of wood decay. However, as trees continue to grow and site changes occur, we recommend continual consultation with your local Bartlett Arborist Representative to determine if *Level 3 Advanced assessments* are warranted in the future.

Soil Sampling

Taking soil samples throughout planting beds and actively managed areas. Soil analysis provides information on the presence of soil nutrients, pH, organic matter, and cation exchange capacity.

Bulk Density Sampling

Taking bulk density samples throughout planting beds and actively managed areas to determine the amount of soil compaction.

Mulching

Wherever possible, apply 2-4 inches of mulch within the root zone to help moderate soil temperatures, reduce soil moisture loss, reduce soil compaction, provide nutrients, improve soil structure, and keep mowers and string trimmers away from tree trunks. The best mulch materials are wood chips, bark nuggets, composted leaves, or pine needles. To avoid potential disease problems, mulch should not be placed directly against the trunk.

Root Collar Excavations

Perform **root collar** excavations to 71 trees (11%) to lower risk of damaging conditions such as **girdling roots**, basal cankers, masking of root decay and lower-stem decay, and predisposing trees to various insect and disease pests.

Plant Health Care (PHC)

Implement Bartlett's PHC program to monitor pests and diseases on the subject trees. Treatments are therapeutic and preventive, and treatment timing is based on pest life cycle.

Pruning

Prune 176 trees (27%) for safety, health, structure, and appearance. Pruning will comply with current ANSI A300 standard practices for pruning.

Structural Support

There are structural support system recommendations for 18 trees (3%) to reduce risk of branch or whole tree failure. All structural support systems will comply with current ANSI A300 standard practices for supplemental support systems.

Lightning Protection

At the time of inventory, no trees were recommended for lightning protection systems. However, as trees continue to grow and site changes occur, we recommend continual consultation with your local Bartlett Arborist Representative to determine if lightning protection systems are warranted in the future.

Removals

Remove 230 trees (35%) due to condition or because of their location in relation to other trees to try and prevent competition or damage to infrastructure.

Vine Removal

Remove vines from 37 trees (6%) to try and prevent them from hiding defects.

INTRODUCTION

In March 2022, the Town of Wolfeboro and Stantec Inc. retained Bartlett Tree Experts to perform an inventory of trees along South Main Street, Center Street, and Pleasant Valley Road in Wolfeboro, New Hampshire. Team member Kat Cummings visited the site on March 14-18 to conduct the inventory.

The inventory included:

- identifying trees and assigning a Tree ID number (Tree ID numbers ranging from 1 to 661);
- identifying the trees' condition, health, and vigor;
- recommending risk evaluations and removals of appropriate trees;
- recommending tree care, soil care, structural support, and pest management treatments to promote tree safety, health, appearance, and longevity; and
- mapping the trees using GPSr hardware and Geographic Information System (GIS) software, and Bartlett Tree Experts' ArborScope™ web-based management system

The methods and procedures we used to make the above determinations and recommendations are detailed in the following sections.

GOALS & OBJECTIVES

An effective management plan communicates clear goals and the specific objectives designed to carry out those goals. We intend "goal" to mean the overall aim or result we expect to achieve for the client in producing the inventory and management plan. The objectives are the specific actions taken or recommended to support goal completion. The table below describes each goal and its corresponding objective(s).

GOALS & OBJECTIVES

GOAL	OBJECTIVES TO ACCOMPLISH GOAL
Establish the tree inventory (per	Using Trimble® Geo GPSr hardware and
numbers agreed) along selected	ArborScope™ Inventory Management Tools, collect
streets within the town of Wolfeboro.	data such as tree name, location, size, age class, and
	condition class.
	Assign a Tree ID number to each tree inventoried.
Provide mechanism for managing	Provide map or maps of the inventoried trees to
inventory, recommendations, and	assist the client in managing property areas.
related budget planning.	Submit a comprehensive management plan that
	documents and organizes findings and provides
	other resources to assist the client in efficient use of
	the information.
Maximize client understanding and	Include in management plan specific explanations
implementation of management plan.	and visuals related to plan recommendations.
	Provide appended resources that address health,
	procedures, and standards related to tree care.
	Make periodic contact with client to follow up and
	answer any questions about the management plan's
	contents.
Maximize immediate and long-term	Implement recommended plant-health-care program
tree health and aesthetics.	that uses
	integrated pest management
	• soil care
	maintenance pruning
Manage immediate and long-term risk	Implement recommended risk-management
associated with trees in high-use	measures that include
areas.	risk-reduction pruning
	required removals
	tree structure evaluations

DATA COLLECTION & TREE INSPECTION METHODOLOGY

In conducting the inventory, we used specialized equipment and software and followed specific procedures to determine tree characteristics, risk evaluations, and recommendations. The following explanation will assist the reader in interpreting the findings of this management plan.

Data Collection Equipment & Attribute Data

The Inventory Team used Trimble® Geo GPSr hardware units, TerraSync® and GPS Pathfinder® Office GIS software, and Bartlett Tree Experts' ArborScope™ web-based management system to inventory the trees. The attribute data we collected on site are listed below.

- botanical name and regional common name according to local ISA Chapter Tree Species List
- tree location based on GPS coordinate system
- tree ID number
- diameter at breast height (**DBH**)
- canopy radius
- age class
- height class
- condition class
- documented *Level 2 Basic assessment* for tree risk where defects or concerns were observed that prompted the need to use the ISA risk matrices in the field resulting in an *overall tree risk rating*
- Tree & Shrub Work phase (based on number of desired management cycles)
- pruning category
- need for and inspection of existing structural support systems
- need for and inspection of existing lightning protection systems
- need for Level 3 Advanced assessment for tree risk
- tree removals
- soil care recommendations
- plant health care recommendations
- noted defects/observations
- observed pests/diseases

Specifications/Definitions

Age Class

New PlantingTree not yet established

Young Established tree but not in the landscape for many years **Semi-mature** Established tree but has not yet reached full growth potential

Mature Tree within its full growth potential

Over-mature Tree that is declining or beginning to decline due to its age

Height Class

Small Less than 15 feet **Medium** 15 to 40 feet

Large Greater than 40 feet

Condition Class

Dead

Poor Most of the canopy displays dieback and undesirable leaf color, inappropriate leaf size

or inadequate new growth. Tree or parts of tree are in the process of failure.

Fair Parts of canopy display undesirable leaf color, inappropriate leaf size, and inadequate

new growth. Parts of the tree are likely to fail.

Good Tree health and condition are acceptable.

Tree & Shrub Work Phase

Tree & Shrub Work phase takes into consideration tree species, condition, location, age, and proximity to infrastructure. We intend for this rating system to assist decision makers in prioritizing risk mitigation, tree pruning, cabling and bracing, and tree lightning protection recommendations. *Trees with an ASAP and an overall tree risk rating of extreme or high (see definitions in the next section) should be addressed immediately.* Prioritization does not take into account any budgetary or financial considerations.

Phase 1, 2, and 3 are all based on observations by the inventory arborist according to the manager's goals. The following additional information clarifies each priority:

- **ASAP** Trees with recommendations that should be addressed As Soon As Possible.
- **Phase 1** Typically addressed in the first management cycle. Trees located in high-use sites, have a high aesthetic value, have an elevated *overall tree risk rating*, and/or parts that are currently in conflict with infrastructure.
- **Phase 2** Typically addressed in the second management cycle. Trees with moderate aesthetic value, don't have an elevated *overall tree risk rating*, and/or parts that are anticipated to be in conflict with infrastructure.
- **Phase 3** Typically addressed in the third management cycle. Tree parts that are anticipated to be in conflict with infrastructure and/or recommendations based on anticipated growth.

Pruning Category

All trees identified in this management plan that have tree care recommendations are listed within a specific pruning category. Trees within each pruning category can be prioritized by the specific goals of the manager. It is recommended that specific goals be discussed prior to any pruning.

Risk Mitigation This goal requires pruning of any tree where risk mitigation should take

precedence over other pruning goals. Typically aims to reduce the *overall*

tree risk rating by branch removal and/or branch reduction.

Maintenance This goal typically requires routine pruning of large/mature trees. Includes

branch removal and/or branch reduction to help reduce *likelihood of failure* and/or conflict with infrastructure. Trees with this goal are typically climbed

or require the use of aerial lifts and/or other specialized equipment.

Developmental This goal typically requires routine pruning of small/young trees. Includes

structural pruning to develop a strong central stem, establish proper branch

spacing, and/or develop branch structure.

Ornamental This goal typically requires pruning of small trees. Includes reduction and/or

shearing to its desired shape, size, and/or structure.

Specialized Trees with this goal require a unique treatment that may include, but not

limited to, targeted pruning cuts, removal of nuisance fruit/parasitic plants,

and/or rejuvenation/internodal pruning.

Tree Risk Assessments, Limitations & Glossary

In accordance with industry standards, tree risk ratings are derived from a combination of three factors: the *likelihood of failure*, the *likelihood of the failed tree part impacting a target*, and the *consequences* of the target being struck. The guidelines used to classify each of these factors are presented in the *ISA's BMP for Tree Risk Assessment* and guidelines developed by the Bartlett Tree Research Laboratories. *These factors are then used to categorize tree risk as Extreme, High, Moderate or Low*. The factors used to define your risk ratings are identified in this report. An explanation of terms used in this report appears in the glossary located in the appendix. The information provided in this report is based on the conditions identified at the time of inspection. Tree conditions do change over time so reassessment is recommended annually and after major storm events.

^{*} The listed descriptions of goals, tools, and/or techniques are not limited to these definitions. Specific individual goals and species profiles should guide the pruning recommendations.

Limitations of Tree Risk Assessments

It is important for the tree owner or manager to know and understand that all trees pose some degree of risk from failure or other conditions. The information and recommendations within this report have been derived from the level of tree risk assessment identified in this report, using the information and practices outlined in the *International Society of Arboriculture's Best Management Practices for Tree Risk Assessment*, as well as the information available at the time of the inspection. However, the *overall tree risk rating*, the mitigation recommendations, or any other conclusions do not preclude the possibility of failure from undetected conditions, weather events, or other acts of man or nature. Trees can unpredictably fail even if no defects or other conditions are present. It is the responsibility of the tree owner or manager to schedule repeat or *Advanced assessments*, determine actions, and implement follow up recommendations, monitoring and/or mitigation.

Bartlett Tree Experts can make no warranty or guarantee whatsoever regarding the safety of any tree, trees, or parts of trees, regardless of the level of tree risk assessment provided, the risk rating, or the residual risk rating after mitigation. The information in this report should not be considered as making safety, legal, architectural, engineering, landscape architectural, land surveying advice or other professional advice. This information is solely for the use of the tree owner and manager to assist in the decision making process regarding the management of their tree or trees. Tree risk assessments are simply tools which should be used in conjunction with the owner or tree manager's knowledge, other information and observations related to the specific tree or trees discussed, and sound decision making.

Glossary

Tree risk assessment has a unique set of terms with specific meanings. Definitions of all specific terms may be found in the International Society of Arboriculture's *Best Management Practice for Tree Risk Assessment*. Definitions of some of these terms used in this report are as follows:

The *likelihood of failure* may be categorized as imminent meaning that failure has started or could occur at any time; probable meaning that failure may be expected under normal weather conditions within the next 3 years; possible meaning that failure could occur, but is unlikely under normal weather conditions during that time frame; and improbable meaning that failure is not likely under normal weather conditions, and may not occur in severe weather conditions during that time frame.

The likelihood of the failed tree part impacting a target may be categorized as high meaning that a failed tree or tree part will most likely impact a target; medium meaning the failed tree or tree part could impact the target, but is not expected to do so; low meaning that the failed tree or tree part is not likely to impact a target; and very low meaning that the chance of a failed tree or tree part impacting the target is remote.

The *likelihood of failure and impact* is defined by the Likelihood Matrix below.

LIKELIHOOD OF FAILURE AND IMPACT

Likelihood of	Likelihood of Impacting Target								
Failure	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					

The *consequences* of a known target being struck may be categorized as severe meaning that impact could involve serious personal injury or death, damage to high value property, or disruption to important activities; significant meaning that the impact may involve personal injury, property damage of moderate to high value, or considerable disruption; minor meaning that impact could cause low to moderate property damage, small disruptions to traffic or a communication utility, or minor injury; and negligible meaning that impact may involve low value property damage, disruption that can be replaced or repaired, and do not involve personal injury.

Targets are people, property, or activities that could be injured, damaged or disrupted by a tree failure.

Levels of assessment 1) Limited visual assessments are conducted to identify obvious defects. 2) Basic assessments are visual inspections done by walking around the tree looking at the site, buttress roots, trunk and branches. It may include the use of simple tools to gain information about the tree or defects. 3) Advanced assessments are performed to provide detailed information about specific tree parts, defects, targets of site conditions. Drilling to detect decay is an advanced assessment technique.

Tree Risk Ratings are terms used to communicate the level of risk rating. They are defined in defined in the Risk Matrix below as a combination of Likelihood and Consequences:

ISA RISK MATRIX

Likelihood of	Consequences of the Tree Failure								
Failure & Impact	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					

Overall tree risk rating is the highest individual risk identified for the tree. The *residual risk* is the level of risk the tree should pose after the recommended mitigation.

Bartlett Tree Experts can inventory trees that have ropes courses, zip lines, swings, tree houses, or any other life support system attached for several different attributes; however, Bartlett Tree Experts is unable to provide tree risk assessment information on such trees, nor is Bartlett Tree Experts able to determine whether the correct hardware has been used, the systems are attached to the trees correctly, or whether the trees can withstand the additional forces that are placed on the tree or trees from such systems or structures. Bartlett Tree Experts does not recommend that any hardware or structures, other than those recommended by and installed by qualified arborists to aid the tree in structural support or protections from lightning, be installed in or attached to any tree(s). Bartlett Tree Experts recommends removing, or discontinuing the use of, any such system or recreational structure until the Client hires or consults with an engineer/specialist that deals specifically with ropes courses, zip lines, swings, tree houses, or any other life support systems and how they attach to and impact trees to determine if the trees can handle the forces being placed on them.

In the event that Bartlett Tree Experts observes an immediate safety issue with a tree with any such device attached, such as the presence of a dead, dying, or broken limb that could fall and injure a person or damage property, Bartlett Tree Experts may make a recommendation to remove or prune such a limb or otherwise mitigate the obvious safety issue. However, the Client should not infer that following such a recommendation and mitigating the immediate safety issue makes the tree in question safe for the use of the attached device or feature.

TREE RISK ASSESSMENTS AND MITIGATION



TREE RISK ASSESSMENTS AND MITIGATION

In reviewing the results and recommendations, the reader will find useful the specifications and definitions detailed in the preceding methodology. We used the following categories to organize the results and recommendations, which are displayed in tables:

- Subject Trees Summarized According to:
 - Tree Risk Assessment Results and Mitigation Recommendations
 - Level 3 Advanced Assessment Recommendations

Tree Risk Assessments and Mitigation

As part of the inventory process, the Inventory Team conducts a *Level 2 Basic assessment* from the ground. In accordance with the proposal, all trees throughout the inventory project were assessed using the *Level 2 Basic assessment* framework. Every tree poses a risk, typically low. Conditions that may pose a hazardous situation would prompt the arborists to elevate the *overall risk rating* as they go through the steps outlined in the Tree Risk Assessments, Limitations, and Glossary section of this plan. Once *overall Tree Risk Ratings* are assigned to these trees, mitigation options such as pruning or tree removal are provided when appropriate.

During the *Level 2 Basic assessment* the Regional Inventory Arborist can determine whether some aspect of tree structure or health indicates that a more comprehensive tree structure evaluation, called a *Level 3 Advanced assessment*, is needed to more thoroughly evaluate tree condition and *likelihood of failure*.

In such cases, we may recommend *Level 3 Advanced assessments* of the roots, stem, or crown. These assessments may include climbing inspections, examination of the root system using a compressed-air tool (that avoids damage to roots and underground utilities), resistance-recording drilling, or sonic tomography that produces a visual representation of internal conditions based on how sound moved through the tree. The goal is to use the appropriate method to evaluate impact of wood decay in stems and buttress roots that show potential for failure and to determine presence and condition of the root system. Once those *Level 3 Advanced assessments* are completed, more specific recommendations can be made, such as remediation, maintenance, or removal. In this particular inventory, no *Level 3 Advanced assessments* were recommended.

The Tree Risk Table below summarizes all inventoried trees. The table is organized first by *Overall Tree Risk Rating* (highest to lowest), then by Tree & Shrub Work Phase (ascending order), and finally by Tree ID (ascending order). Maps are provided for trees assigned an *overall risk rating* and trees recommended for *risk mitigation pruning*. Trees included in the risk mitigation pruning map have a pruning goal of *Reduce risk of branch stem and/or root failure* in the table below.

TREE RISK ASSESSMENTS AND MITIGATION (661 Trees)

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
152	Maple-Norway	32	Fair	Moderate	Sidewalk	ASAP	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Reduce likelihood of storm damage Cable: New 3 	 Co-dominant stems Dead branches > 2 Hanger Included bark Poor branch structure Storm damage
216	Ash-White	33	Poor	Moderate	Street	ASAP	• Removal	 Broken branch(s) Co-dominant stems Crack-stem Dead branches >2 Poor branch structure
515	Elm-American	9	Dead	Moderate	Street	ASAP	• Removal	Dead branches >2Dead/dying stem
604	Ash-White	38	Dead	Moderate	Street	ASAP	• Removal	Dead branches >2Dead/dying stemHanger
10	Ash-White	18	Poor	Low	Sidewalk	ASAP	Removal	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
12	Tree of Heaven	12,9	Poor	Low	Building	ASAP	• Removal	 Co-dominant stems Dead branches >2 Decay-stem Included bark Poor branch structure
47	Pine-Eastern White	35	Poor	Low	Sidewalk	ASAP	Removal	Dead branches >2Low vigorPoor branch structure
56	Pine-Eastern White	16	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
57	Pine-Eastern White	12	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
58	Pine-Eastern White	10	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
59	Pine-Eastern White	16	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
60	Pine-Eastern White	18	Dead	Low	Sidewalk	ASAP	• Removal	Dead branches >2Dead/dying stem
89	Maple-Norway	10	Dead	Low	Sidewalk	ASAP	• Removal	Dead branches <=2Dead branches >2
90	Ash-Green	21	Poor	Low	Building	ASAP	• Removal	Co-dominant stemsDead branches >2Poor branch structureUneven crown
126	Ash-Green	18	Poor	Low	Parking	ASAP	• Removal	 Buried root collar Co-dominant stems Dead branches >2 Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
130	Maple-Red	10	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
146	Ash-Green	29	Poor	Low	Sidewalk	ASAP	Removal	 Co-dominant stems Dead branches >2 Hanger Poor branch structure
186	Ash-White	18	Poor	Low	Street	ASAP	Removal	Buried root collarDead branches >2Low vigor
189	Ash-White	22	Dead	Low	Street	ASAP	Removal	Co-dominant stemsDead branches >2Dead/dying stem
191	Ash-White	13	Poor	Low	Street	ASAP	Removal	Dead branches >2Low vigor
193	Ash-White	18	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
194	Ash-White	26	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
195	Ash-White	20	Poor	Low	Street	ASAP	Removal	Dead branches >2Poor branch structure
196	Ash-White	18	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
197	Ash-Green	19	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
198	Ash-Green	10	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
200	Ash-White	21	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
201	Ash-White	16,10	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure
202	Ash-White	18,16	Poor	Low	Street	ASAP	• Removal	 Cavity-stem Co-dominant stems Dead branches >2 Included bark Poor branch structure
203	Ash-White	26	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
207	Ash-White	26	Poor	Low	Street	ASAP	• Removal	 Dead branches >2 Low vigor Poor branch structure
208	Ash-White	27	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure
211	Ash-Green	8	Poor	Low	Street	ASAP	Removal	Dead branches >2Low vigor
212	Ash-Green	8	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
213	Cherry-Black	14	Dead	Low	Street	ASAP	Removal	Dead branches >2 Dead/dying stem
214	Ash-Green	8	Poor	Low	Street	ASAP	Removal	Dead branches >2 Low vigor

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
215	Ash-Green	10,8	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure
217	Ash-White	9	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
225	Maple-Red	26	Poor	Low	Street	ASAP	• Removal	Co-dominant stemsDecay-stemDieback (severe)Poor branch structure
227	Ash-Green	21	Poor	Low	Street	ASAP	• Removal	 Dead branches >2 Growing against object Poor branch structure Uneven crown
234	Ash-White	15,14,10	Poor	Low	Street	ASAP	Removal	 Co-dominant stems Dead branches >2 Dead/dying stem Poor branch structure
235	Ash-White	26	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure Wound-stem
237	Ash-Green	21	Poor	Low	Street	ASAP	• Removal	Co-dominant stemsDead branches <=2Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
240	Elm-American	12,8,8	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Included bark Poor branch structure Uneven crown Wound-stem
256	Ash-White	18	Dead	Low	Sidewalk	ASAP	Removal	Dead/dying stem
257	Ash-White	25	Poor	Low	Sidewalk	ASAP	• Removal	 Buried root collar Co-dominant stems Dead branches >2 Low vigor Poor branch structure Wound-stem
258	Ash-White	19	Poor	Low	Sidewalk	ASAP	• Removal	Cavity-stemCo-dominant stemsDead branches >2Growing against objectUneven crown
259	Ash-White	22	Poor	Low	Sidewalk	ASAP	• Removal	Cavity-stemDead branches >2Low vigorPoor branch structureUneven crown
262	Horsechestnut- Common	35	Poor	Low	Sidewalk	ASAP	• Removal	 Co-dominant stems Crack-stem Dead branches >2 Decay-stem Poor branch structure
265	Pine-Eastern White	9	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
270	Ash-White	22	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
297	Cherry-Black	22,17	Poor	Low	Sidewalk	ASAP	• Removal	 Co-dominant stems Dead branches >2 Decay-root flare Decay-stem Low vigor
302	Ash-White	21	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
309	Ash-White	7	Poor	Low	Street	ASAP	Removal	Dead branches <=2Low vigorWound-stem
318	Maple-Sugar	20	Dead	Low	Street	ASAP	Removal	Dead/dying stemStorm damage
322	Ash-Green	16	Fair	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Poor branch structure Seam Uneven crown
325	Cherry-Black	7	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
327	Ash-White	21	Poor	Low	Street	ASAP	Removal	Dead branches >2Poor branch structureUneven crown
341	Ash-White	15	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
342	Ash-White	11	Poor	Low	Sidewalk	ASAP	• Removal	Dead branches <=2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
343	Ash-White	19,7	Poor	Low	Sidewalk	ASAP	• Removal	 Co-dominant stems Dead branches >2 Included bark Poor branch structure Uneven crown
344	Ash-White	10,7	Poor	Low	Sidewalk	ASAP	• Removal	Co-dominant stemsDead branches <=2Low vigorPoor branch structure
346	Cherry-Black	6	Dead	Low	Sidewalk	ASAP	Removal	 Dead/dying stem
347	Ash-Green	15,6,5	Poor	Low	Sidewalk	ASAP	• Removal	 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown
352	Ash-White	10	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
361	Ash-White	10,8	Poor	Low	Sidewalk	ASAP	• Removal	 Co-dominant stems Dead branches >2 Included bark Poor branch structure Uneven crown
362	Pine-Eastern White	13	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
363	Pine-Eastern White	13	Poor	Low	Sidewalk	ASAP	• Removal	Dead branches >2Dead/dying stemLow vigor

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
364	Ash-White	12	Poor	Low	Sidewalk	ASAP	• Removal	Co-dominant stemsDead branches >2Poor branch structureUneven crown
365	Ash-White	6	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
366	Ash-White	21	Poor	Low	Sidewalk	ASAP	• Removal	 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown
377	Ash-White	15,14	Poor	Low	Sidewalk	ASAP	• Removal	 Co-dominant stems Dead branches >2 Dieback (severe) Poor branch structure Uneven crown
383	Ash-White	18	Poor	Low	Sidewalk	ASAP	• Removal	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure
386	Ash-White	10	Poor	Low	Sidewalk	ASAP	• Removal	Dead branches <=2Poor branch structureUneven crownWound-stem
389	Maple-Sugar	15	Dead	Low	Sidewalk	ASAP	Removal	Dead/dying stem
395	Maple-Sugar	25	Dead	Low	Sidewalk	ASAP	Removal	Dead/dying stem
397	Maple-Sugar	28	Poor	Low	Sidewalk	ASAP	Removal	Cavity-stemDecay-stemUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
399	Maple-Sugar	30	Poor	Low	Sidewalk	ASAP	• Removal	 Cavity-stem Dead branches >2 Decay-stem Poor branch structure Uneven crown
403	Maple-Sugar	32	Dead	Low	Sidewalk	ASAP	Removal	Dead/dying stem
407	Maple-Sugar	14,14	Poor	Low	Sidewalk	ASAP	• Removal	Dead branches >2Decay-stemDieback (moderate)Poor branch structure
409	Pine-Eastern White	10	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
412	Pine-Eastern White	18	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
413	Pine-Eastern White	19,12	Dead	Low	Sidewalk	ASAP	Removal	Dead branches <=2Dead/dying stem
414	Pine-Eastern White	10	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
415	Pine-Eastern White	9	Dead	Low	Sidewalk	ASAP	Removal	Dead branches >2Dead/dying stem
418	Maple-Red	22	Poor	Low	Sidewalk	ASAP	• Removal	Dead branches >2Decay-stemDieback (severe)Fungi/conks
419	Pine-Eastern White	36	Poor	Low	Sidewalk	ASAP	• Removal	Dead branches >2Dieback (severe)Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
420	Elm-American	16	Poor	Low	Sidewalk	ASAP	Removal	Dead branches >2Low vigorUneven crown
438	Maple-Sugar	11	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
447	Ash-White	8	Poor	Low	Street	ASAP	Removal	Co-dominant stemsFungi/conksLow vigor
453	Elm-American	8	Dead	Low	Street	ASAP	Removal	Dead/dying stem
461	Elm-American	8,6,5,4	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
464	Elm-American	2	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
469	Ash-White	13,11	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Included bark Low vigor Poor branch structure Uneven crown
470	Ash-White	38	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
474	Ash-White	8	Poor	Low	Street	ASAP	Removal	Low vigorUneven crownWound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
475	Ash-White	15,12	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Decay-branch Poor branch structure Uneven crown Wound-stem
476	Ash-White	13	Poor	Low	Street	ASAP	• Removal	Low vigorPoor branch structureUneven crownWound-stem
477	Ash-White	14	Poor	Low	Street	ASAP	Removal	Dead branches >2Poor branch structureUneven crown
479	Elm-American	23	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stemStorm damage
481	Elm-American	13	Dead	Low	Street	ASAP	Removal	Dead/dying stem
482	Elm-American	23	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
483	Ash-White	26	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
484	Ash-White	17	Poor	Low	Street	ASAP	• Removal	Dead branches >2Low vigorPoor branch structureUneven crown
485	Ash-White	13,11	Poor	Low	Street	ASAP	• Removal	Co-dominant stemsLow vigorPoor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
487	Ash-White	7	Poor	Low	Street	ASAP	• Removal	Decay-stemLeanPoor branch structureUneven crown
489	Ash-White	13,8	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Included bark Low vigor Poor branch structure
490	Ash-White	10,6	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure
491	Ash-White	10	Poor	Low	Street	ASAP	Removal	Dead branches >2Low vigorPoor branch structure
492	Cherry-Black	12,10	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
501	Elm-American	9,9,5	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
502	Ash-White	10	Poor	Low	Street	ASAP	• Removal	Dead branches >2Low vigorUneven crown
503	Ash-White	6	Poor	Low	Street	ASAP	Removal	Co-dominant stemsLow vigorPoor branch structure
507	Cherry-Black	9	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
513	Ash-White	18	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Included bark Poor branch structure
530	Elm-American	5,5	Dead	Low	Street	ASAP	Removal	• Dead/dying stem
531	Elm-American	8,6,6,6,3	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
541	Pine-Eastern White	10	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
546	Pine-Eastern White	16	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
547	Pine-Eastern White	20	Dead	Low	Street	ASAP	Removal	Dead/dying stem
548	Pine-Eastern White	16	Poor	Low	Street	ASAP	• Removal	Dead branches >2Low vigorStorm damageWound-stem
553	Ash-White	8	Poor	Low	Street	ASAP	Removal	Dead branches >2Low vigorUneven crown
574	Ash-White	37	Poor	Low	Street	ASAP	• Removal	Co-dominant stemsDead branches >2Decay-stemPoor branch structure
586	Ash-White	10,8	Poor	Low	Street	ASAP	• Removal	Co-dominant stemsDead branches >2Dieback (severe)Low vigor

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
588	Poplar-Bigtooth Aspen	17	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
589	Ash-White	10	Poor	Low	Street	ASAP	Removal	Co-dominant stemsDead branches >2Low vigorPoor branch structure
590	Poplar-Bigtooth Aspen	15	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
591	Ash-White	12	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches <=2 Low vigor Poor branch structure
605	Ash-White	37	Dead	Low	Street	ASAP	Removal	Cavity-stemDead branches >2Dead/dying stem
608	Ash-White	11,10,10	Poor	Low	Street	ASAP	Removal	Dead branches >2Decay-stemLow vigor
609	Ash-White	13	Poor	Low	Street	ASAP	Removal	Dead branches >2Low vigorUneven crown
610	Ash-White	9	Poor	Low	Street	ASAP	Removal	Dead branches >2Low vigorUneven crown
613	Ash-White	28	Poor	Low	Street	ASAP	Removal	Dead branches >2Low vigorPoor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
615	Ash-White	26	Poor	Low	Street	ASAP	Removal	 Buried root collar Dead branches >2 Dieback (moderate) Uneven crown
617	Ash-White	23	Poor	Low	Street	ASAP	Removal	Dead branches >2Poor branch structureUneven crown
619	Ash-White	26	Poor	Low	Street	ASAP	• Removal	 Dead branches >2 Low vigor Poor branch structure Storm damage Uneven crown
625	Ash-White	8	Poor	Low	Street	ASAP	Removal	Low vigorPoor branch structureSweep
626	Ash-White	9,5	Poor	Low	Street	ASAP	Removal	Dead branches <=2Low vigorPoor branch structureUneven crown
627	Ash-White	14	Poor	Low	Street	ASAP	• Removal	Dead branches >2Low vigorPoor branch structureUneven crown
629	Ash-White	28	Poor	Low	Street	ASAP	• Removal	Cavity-stemDead branches >2Dieback (severe)Low vigor

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
631	Ash-White	6,5	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches <=2 Low vigor Poor branch structure Uneven crown
633	Ash-White	6	Poor	Low	Street	ASAP	• Removal	Low vigorPoor branch structureUneven crown
634	Ash-White	7,6	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches <=2 Low vigor Poor branch structure Uneven crown
635	Ash-White	14,12	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Poor branch structure Storm damage Uneven crown
637	Ash-White	8	Poor	Low	Street	ASAP	Removal	Poor branch structureUneven crown
638	Ash-White	21	Poor	Low	Street	ASAP	• Removal	Co-dominant stemsDead branches >2Poor branch structureUneven crown
639	Ash-White	27	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Included bark Low vigor Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
644	Spruce-Norway	25	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
647	Cherry-Black	14	Dead	Low	Street	ASAP	Removal	Dead branches >2Dead/dying stem
653	Ash-White	25,14	Poor	Low	Street	ASAP	• Removal	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure
655	Ash-White	14	Poor	Low	Street	ASAP	• Removal	Dead branches >2Low vigorPoor branch structureWound-stem
656	Cherry-Black	12	Poor	Low	Street	ASAP	Removal	Dead branches >2Dieback (severe)Low vigor
657	Ash-White	19	Poor	Low	Street	ASAP	• Removal	Dead branches >2Low vigorPoor branch structure
1	Maple-Norway	19	Poor	Low	Sidewalk	1	• Removal	Dead branches >2Fungi/conksLow vigorPoor branch structure
3	Maple-Red	29	Poor	Low	Sidewalk	1	• Removal	 Burl Co-dominant stems Dead branches >2 Decay-stem Dieback (moderate) Included bark

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
5	Maple-Norway	20	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Clearance Prune: Reduce likelihood of storm damage RCX 	 Buried root collar Dead branches >2 Decay-stem Fungi/conks Poor branch structure
8	Maple-Red	24	Poor	Low	Sidewalk	1	• Removal	 Dead branches >2 Dieback (moderate) Fungi/conks Overextended branch Poor branch structure
20	Maple-Norway	11	Poor	Low	Sidewalk	1	• Removal	 Buried root collar Dead branches >2 Dieback (severe) Hanger Poor branch structure
24	Maple-Norway	17	Poor	Low	Sidewalk	1	• Removal	 Dead branches >2 Dieback (severe) Fungi/conks Low vigor Poor branch structure
27	Maple-Norway	23	Fair	Low	Sidewalk	1	 Prune: Improve appearance Prune: Reduce likelihood of storm damage Prune: Clearance Cable: New 3 	 Co-dominant stems Dead branches <= 2 Included bark Poor branch structure Seam

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
28	Maple-Norway	25	Fair	Low	Sidewalk	1	Prune: Improve appearancePrune: ClearanceCable: New 1	 Co-dominant stems Dead branches <= 2 Included bark Poor branch structure Wound-stem
29	Maple-Red	38	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Clearance 	 Cavity-stem Co-dominant stems Dead branches >2 Poor branch structure Seam Wound-branch
42	Pear-Callery	3	Good	Low	Sidewalk	1	• RCX • Guy	Buried root collarCo-dominant stemsPoor branch structure
45	Spruce-Norway	37	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Dieback (moderate)Poor branch structure
46	Maple-Norway	28	Fair	Low	Parking	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Reduce likelihood of storm damage 	 Co-dominant stems Dead branches >2 Fungi/conks Poor branch structure
48	Pine-Eastern White	24	Poor	Low	Sidewalk	1	• Removal	Dead branches >2Low vigorPoor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
49	Pine-Eastern White	35	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Poor branch structure
61	Oak-Northern Red	15	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Dead branches <=2 Hanger Lean Poor branch structure Uneven crown
62	Oak-Northern Red	18	Good	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Growing against object Poor branch structure
63	Maple-Sugar	34	Poor	Low	Sidewalk	1	• Removal	 Cavity-stem Dead branches >2 Decay-stem Low vigor Poor branch structure
77	Pear-Callery	3	Good	Low	Sidewalk	1	• RCX • Guy	Buried root collarCo-dominant stemsPoor branch structure
79	Pear-Callery	3	Good	Low	Sidewalk	1	• RCX • Guy	Buried root collarCo-dominant stemsPoor branch structure
80	Pear-Callery	3	Good	Low	Sidewalk	1	• RCX • Guy	Buried root collarCo-dominant stemsPoor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
96	Ash-Green	33	Fair	Low	Sidewalk	1	Prune: Reduce risk of branch stem and/or root failure	Co-dominant stemsDead branches >2Poor branch structure
100	Maple-Red	36	Good	Low	Sidewalk	1	 Prune: Reduce likelihood of storm damage Prune: Clearance Prune: Improve appearance RCX Cable: New 3 	 Buried root collar Co-dominant stems Included bark Poor branch structure Seam Wound-root
106	Maple-Sugar	4	Good	Low	Sidewalk	1	• RCX • Guy	Buried root collar
109	Maple-Norway	19	Poor	Low	Sidewalk	1	• Removal	Buried root collarDead branches >2Dieback (moderate)Low vigor
117	Maple-Norway	27	Good	Low	Parking	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Buried root collar Co-dominant stems Dead branches >2 Poor branch structure
121	Maple-Sugar	18	Poor	Low	Sidewalk	1	• Removal	 Buried root collar Dead branches >2 Dieback (moderate) Poor branch structure
123	Arborvitae- Western Redcedar	29	Poor	Low	Parking	1	• Removal	 Buried root collar Dead branches >2 Dieback (moderate) Flush cuts Low vigor

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
133	Maple-Norway	15	Poor	Low	Sidewalk	1	• Removal	 Buried root collar Dead branches >2 Low vigor Poor branch structure Uneven crown
136	Cherry-Black	13	Poor	Low	Sidewalk	1	• Removal	Co-dominant stemsDead branches >2Decay-stemUneven crown
137	Maple-Norway	12	Poor	Low	Sidewalk	1	• Removal	 Buried root collar Dead branches >2 Decay-stem Fungi/conks Low vigor Poor branch structure
138	Maple-Norway	18	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Hanger Poor branch structure
140	Maple-Freeman's	24	Poor	Low	Sidewalk	1	• Removal	Dead branches >2Dieback (severe)Girdling roots presentLow vigor

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
147	Maple-Red	25	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Develop branch structure 	 Cavity-stem Co-dominant stems Dead branches >2 Poor branch structure Uneven crown Wound-stem
148	Maple-Red	26	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Clearance RCX 	 Cavity-stem Co-dominant stems Girdling roots present (moderate) Poor branch structure Seam Uneven crown
149	Maple-Red	34	Poor	Low	Sidewalk	1	• Removal	 Cavity-stem Co-dominant stems Dead branches >2 Girdling roots present (moderate) Uneven crown
150	Maple-Red	24	Poor	Low	Sidewalk	1	• Removal	Dead branches >2Dieback (severe)Low vigorPoor branch structure
151	Maple-Red	32	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Poor branch structure Seam Wound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
155	Maple-Sugar	16	Poor	Low	Sidewalk	1	• Removal	 Buried root collar Dead branches >2 Dieback (severe) Low vigor Wound-stem
157	Maple-Norway	22	Good	Low	Sidewalk	1	 Prune: Reduce likelihood of storm damage Prune: Clearance Prune: Improve appearance Cable: New 1 	Co-dominant stemsIncluded barkPoor branch structure
158	Maple-Norway	24	Good	Low	Sidewalk	1	 Prune: Improve appearance Prune: Reduce likelihood of storm damage Cable: New 3 	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
163	Maple-Norway	17	Poor	Low	Sidewalk	1	• Removal	Cavity-stemDecay-stemLow vigorUneven crown
166	Maple-Norway	14	Poor	Low	Sidewalk	1	• Removal	 Buried root collar Co-dominant stems Dead branches <=2 Fungi/conks Seam Wound-stem
167	Maple-Red	31	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Clearance 	Co-dominant stemsDead branches >2Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
168	Maple-Norway	23	Fair	Low	Sidewalk	1	 Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Buried root collar Co-dominant stems Dead branches <=2 Decay-branch Included bark Poor branch structure
169	Maple-Norway	19	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	 Cavity-stem Co-dominant stems Dead branches >2 Low vigor Poor branch structure
172	Hemlock- Canadian	31	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	Dead branches >2Uneven crown
173	Maple-Red	33	Poor	Low	Sidewalk	1	• Removal	Broken branch(s)Co-dominant stemsDecay-stemPoor branch structure
181	Maple-Silver	48	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
210	Cherry-Black	17,15,15	Poor	Low	Street	1	• Removal	 Co-dominant stems Dead branches >2 Decay-stem Included bark Low vigor Poor branch structure
218	Poplar-Eastern	27	Poor	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	Dead branches >2Dieback (moderate)Poor branch structureUneven crown
219	Poplar-Eastern	29	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	Dead branches >2Dieback (moderate)Poor branch structureUneven crown
229	Maple-Red	31	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Decay-branch Decay-stem Poor branch structure
238	Maple-Norway	19	Poor	Low	Street	1	• Removal	 Crack-stem Dead branches >2 Decay-stem Poor branch structure Seam Uneven crown
239	Maple-Norway	19	Poor	Low	Street	1	• Removal	 Buried root collar Cavity-branch Dead branches >2 Dieback (moderate) Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
243	Maple-Norway	17	Poor	Low	Street	1	• Removal	Co-dominant stemsDieback (moderate)Poor branch structureSeamWound-stem
249	Maple-Sugar	8	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	Broken branch(s)Hanger
252	Ash-White	25	Fair	Low	Sidewalk	1	• Removal	 Buried root collar Co-dominant stems Dead branches >2 Poor branch structure
260	Oak-White	45	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Poor branch structure
261	Oak-Northern Red	33	Good	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
268	Locust-Black	23	Poor	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Dead branches >2 Poor branch structure Uneven crown Wound-root flare
271	Maple-Sugar	31	Poor	Low	Sidewalk	1	• Removal	Cavity-stemDead branches >2Low vigorUneven crown
272	Maple-Sugar	35	Poor	Low	Sidewalk	1	• Removal	Dead branches >2Decay-stemFlush cutsLow vigor
278	Pine-Eastern White	45	Good	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Cable: New 1 	 Co-dominant stems Dead branches >2 Included bark Poor branch structure
282	Pine-Eastern White	23	Good	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage RCX 	Dead branches >2Girdling roots presentUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
283	Pine-Eastern White	21	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage 	 Co-dominant stems Dead branches >2 Poor branch structure
285	Pine-Eastern White	37	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage 	 Co-dominant stems Dead branches >2 Overextended branch Poor branch structure
288	Pine-Eastern White	17	Good	Low	Sidewalk	1	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Dead branches >2Poor branch structureUneven crown
290	Pine-Eastern White	25	Good	Low	Sidewalk	1	Prune: Improve appearancePrune: Reduce likelihood of storm damage	Co-dominant stemsDead branches >2Poor branch structure
291	Pine-Eastern White	25	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage 	 Dead branches >2 Poor branch structure Uneven crown Wound-stem
296	Maple-Norway	31	Poor	Low	Sidewalk	1	 Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Dead branches >2 Poor branch structure Uneven crown Wound-root Wound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
299	Maple-Norway	30	Poor	Low	Sidewalk	1	• Removal	 Co-dominant stems Dead branches >2 Decay-stem Storm damage Uneven crown Wound-root flare
303	Maple-Red	20,18,8	Good	Low	Street	1	• Cable: New 1	Co-dominant stemsIncluded barkPoor branch structureUneven crown
308	Maple-Norway	15,10	Poor	Low	Street	1	Removal	Decay-stemWound-stem
312	Maple-Sugar	34	Poor	Low	Street	1	• Removal	 Cavity-suspected Dead branches >2 Dieback (severe) Girdling roots present Topping/heading cuts
319	Maple-Sugar	22	Poor	Low	Street	1	• Removal	 Cavity-stem Decay-stem Poor branch structure Uneven crown
321	Locust-Black	20	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	Dead branches >2Poor branch structureUneven crown
323	Ash-Green	12	Fair	Low	Street	1	• Removal	Dead branches <=2Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
330	Ash-White	22	Poor	Low	Street	1	• Removal	Broken branch(s)Low vigorPoor branch structureStorm damage
333	Oak-Northern Red	30	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage RCX 	 Buried root collar Dead branches >2 Poor branch structure
334	Pine-Eastern White	29	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	Co-dominant stemsDead branches >2Poor branch structure
345	Pine-Eastern White	26	Good	Low	Sidewalk	1	Prune: Improve appearancePrune: Reduce likelihood of storm damage	Dead branches >2Poor branch structure
350	Ash-White	14	Poor	Low	Sidewalk	1	Removal	Dead branches >2Low vigorPoor branch structure
353	Pine-Eastern White	19	Good	Low	Sidewalk	1	Prune: Improve appearancePrune: Reduce likelihood of storm damage	Dead branches >2Poor branch structureUneven crown
354	Pine-Eastern White	18	Fair	Low	Sidewalk	1	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Dead branches >2Poor branch structureUneven crown
356	Pine-Eastern White	21	Good	Low	Sidewalk	1	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Dead branches >2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
357	Pine-Eastern White	21	Good	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage 	Dead branches >2Poor branch structureUneven crown
359	Pine-Eastern White	17	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Poor branch structure
367	Pine-Eastern White	25,23	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Poor branch structure
373	Ash-White	6	Fair	Low	Sidewalk	1	Removal	Dead branches <=2Uneven crown
374	Ash-White	9	Fair	Low	Sidewalk	1	• Removal	Dead branches <=2Poor branch structureUneven crown
376	Maple-Sugar	8	Good	Low	Sidewalk	1	 Prune: Improve appearance Prune: Repair storm damage Prune: Develop branch structure 	 Co-dominant stems Hanger Included bark Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
378	Maple-Norway	26	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Decay-stem Girdling roots suspected Poor branch structure
379	Maple-Sugar	46	Poor	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Reduce likelihood of storm damage 	 Co-dominant stems Dead branches >2 Decay-stem Included bark Storm damage
393	Maple-Sugar	21	Poor	Low	Sidewalk	1	• Removal	Decay-stemLeanUneven crown
394	Maple-Sugar	31	Poor	Low	Sidewalk	1	• Removal	 Cavity-stem Dead branches >2 Decay-stem Dieback (severe) Poor branch structure
396	Pine-Eastern White	14	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage 	Dead branches >2Low vigorUneven crown
401	Pine-Eastern White	21	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage 	Dead branches >2Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
405	Pine-Eastern White	24	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Low vigor
416	Pine-Eastern White	33	Good	Low	Sidewalk	1	Prune: Improve appearancePrune: Reduce likelihood of storm damage	Dead branches >2Poor branch structureUneven crown
422	Pine-Eastern White	37	Good	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Growing against object Poor branch structure Uneven crown
424	Maple-Sugar	16,12	Fair	Low	Sidewalk	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Growing against object Poor branch structure Seam Uneven crown
427	Pine-Eastern White	35	Good	Low	Sidewalk	1	 Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Growing against object Poor branch structure Uneven crown
434	Oak-Northern Red	33	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance 	Co-dominant stemsDead branches >2

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
435	Oak-Northern Red	33	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Reduce likelihood of storm damage 	 Co-dominant stems Dead branches >2 Decay-stem Uneven crown Wound-root
444	Cherry-Black	10	Poor	Low	Street	1	• Removal	 Dead branches >2 Low vigor Poor branch structure Suppressed Uneven crown
446	Ash-White	7	Fair	Low	Street	1	Removal	Co-dominant stemsPoor branch structureUneven crown
448	Ash-White	13	Fair	Low	Street	1	Removal	Poor branch structureUneven crownWound-stem
449	Cherry-Black	15	Poor	Low	Street	1	• Removal	 Dead branches >2 Decay-root flare Decay-stem Poor branch structure Uneven crown
450	Cherry-Black	10,9,9,4	Poor	Low	Street	1	Removal	Co-dominant stemsDecay-root flarePoor branch structure
452	Maple-Red	24	Poor	Low	Street	1	• Removal	Dead branches >2Dead/dying stemDieback (severe)

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
454	Cherry-Black	12	Poor	Low	Street	1	• Removal	 Dead branches >2 Decay-stem Low vigor Poor branch structure
456	Elm-American	6,4,4	Poor	Low	Street	1	• Removal	Dead branches >2Poor branch structureTopping/heading cuts
463	Hickory-Shagbark	23	Good	Low	Street	1	• Cable: New 1	Co-dominant stemsIncluded barkPoor branch structureWound-stem
465	Maple-Red	25	Poor	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage 	Dead branches >2Dieback (severe)Poor branch structureUneven crown
468	Maple-Red	16	Poor	Low	Street	1	• Removal	 Co-dominant stems Decay-stem Poor branch structure Uneven crown Wound-stem
473	Cherry-Black	10	Poor	Low	Street	1	• Removal	Co-dominant stemsDead branches >2Dieback (severe)Uneven crown
478	Cherry-Black	13	Poor	Low	Street	1	• Removal	 Dead branches >2 Decay-root flare Lean Low vigor Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
480	Cherry-Black	14	Poor	Low	Street	1	• Removal	Dead branches >2Dieback (severe)Low vigorPoor branch structure
486	Cherry-Black	12	Fair	Low	Street	1	 Prune: Repair storm damage Prune: Improve appearance Prune: Clearance 	 Co-dominant stems Dead branches >2 Hanger Poor branch structure Storm damage
494	Ash-White	11,9,6	Fair	Low	Street	1	• Removal	 Co-dominant stems Dead branches >2 Included bark Poor branch structure
495	Ash-White	9,8	Fair	Low	Street	1	• Removal	Co-dominant stemsDead branches <= 2Poor branch structureUneven crown
498	Oak-Northern Red	23,22,21	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Reduce likelihood of storm damage Cable: New 3 	 Co-dominant stems Dead branches >2 Included bark Poor branch structure
499	Oak-Northern Red	29	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance RCX 	Dead branches >2Girdling roots presentUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
504	Maple-Red	13,13,13,12,8	Poor	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Girdling roots present (moderate) Included bark Storm damage Wound-stem
505	Ash-White	10	Fair	Low	Street	1	• Removal	Dead branches >2Poor branch structureUneven crown
506	Oak-Northern Red	18	Good	Low	Street	1	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Dead branches >2Uneven crown
509	Maple-Red	14	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Uneven crownWound-stem
511	Oak-Northern Red	26	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
514	Oak-Northern Red	23	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Poor branch structureSeam
516	Oak-Northern Red	23,21,19,16,16,10	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance Cable: New 2 	 Co-dominant stems Dead branches >2 Included bark Poor branch structure
517	Ash-White	9	Fair	Low	Street	1	Removal	Dead branches <=2Poor branch structureUneven crown
518	Cherry-Black	15	Poor	Low	Street	1	• Removal	Cavity-stemDead branches >2Decay-stemWound-branch
519	Cherry-Black	8	Poor	Low	Street	1	• Removal	 Buried root collar Cavity-stem Dead branches >2 Decay-root flare Poor branch structure Uneven crown
520	Maple-Red	16,15,11,11	Good	Low	Street	1	• Cable: New 4	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
521	Cherry-Black	11	Poor	Low	Street	1	• Removal	Dead branches <=2Low live crown ratioLow vigorUneven crown
522	Oak-Northern Red	21	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Co-dominant stemsDead branches >2SeamUneven crown
523	Oak-Northern Red	33	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Included bark Poor branch structure
524	Ash-White	8,4	Fair	Low	Street	1	Removal	Co-dominant stemsPoor branch structureUneven crown
525	Ash-White	7	Fair	Low	Street	1	• Removal	Co-dominant stemsDead branches <= 2Poor branch structureUneven crown
527	Poplar-Bigtooth Aspen	18,16	Poor	Low	Street	1	• Removal	 Cavity-stem Co-dominant stems Decay-stem Included bark Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
528	Poplar-Bigtooth Aspen	15	Poor	Low	Street	1	• Removal	Co-dominant stemsDead branches <=2Decay-root flareDecay-stem
537	Oak-Northern Red	17	Good	Low	Street	1	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Dead branches >2Poor branch structureUneven crown
539	Pine-Eastern White	24	Good	Low	Street	1	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Dead branches >2Poor branch structure
545	Oak-Northern Red	15	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Reduce likelihood of storm damage 	Dead branches >2HangerPoor branch structure
549	Oak-Northern Red	20	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches <=2 Poor branch structure Uneven crown
550	Pine-Eastern White	15	Poor	Low	Street	1	• Removal	Dead branches >2Low vigorWound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
554	Pine-Eastern White	23	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	Dead branches >2Low vigorPoor branch structure
558	Maple-Sugar	17	Poor	Low	Street	1	• Removal	 Broken branch(s) Co-dominant stems Dead branches >2 Dieback (moderate) Poor branch structure Uneven crown
563	Pine-Eastern White	26	Poor	Low	Street	1	• Removal	Dead branches >2Decay-stemLow vigorWound-stem
565	Oak-Black	22	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Reduce likelihood of storm damage 	Dead branches >2Poor branch structureUneven crown
567	Pine-Eastern White	37	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage 	Broken branch(s)Dead branches >2Low vigorPoor branch structure
569	Pine-Eastern White	30	Good	Low	Street	1	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Dead branches >2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
570	Pine-Eastern White	24	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Reduce likelihood of storm damage 	 Dead branches >2 Overextended branch Poor branch structure Uneven crown
572	Pine-Eastern White	22,10	Good	Low	Street	1	 Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Overextended branch Poor branch structure Uneven crown
573	Pine-Eastern White	26	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Poor branch structure
575	Elm-American	5	Good	Low	Street	1	Removal	Poor branch structure
576	Oak-Northern Red	33	Good	Low	Street	1	• Cable: New 1	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
593	Ash-White	15	Fair	Low	Street	1	• Removal	Co-dominant stemsDead branches <=2Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
596	Oak-Northern Red	27,23	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Poor branch structure Wound-branch
598	Pine-Eastern White	33	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Clearance 	 Co-dominant stems Dead branches >2 Hanger Included bark Poor branch structure
603	Pine-Eastern White	25	Good	Low	Street	1	Prune: Reduce likelihood of storm damagePrune: Improve appearance	 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown
606	Maple-Red	26,21,11	Poor	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Clearance 	 Cavity-stem Co-dominant stems Decay-stem Fungi/conks Included bark Poor branch structure
612	Oak-Northern Red	26	Good	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Improve appearance Prune: Reduce likelihood of storm damage 	Dead branches >2Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
614	Maple-Red	15	Fair	Low	Street	1	 Prune: Repair storm damage Prune: Improve appearance Prune: Reduce likelihood of storm damage 	 Cavity-stem Dead branches >2 Decay-root flare Hanger Poor branch structure Uneven crown
620	Maple-Sugar	10	Fair	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Repair storm damage 	HangerSuppressed
623	Ash-White	7	Fair	Low	Street	1	Removal	Poor branch structureUneven crown
624	Ash-White	13	Fair	Low	Street	1	Removal	Poor branch structureUneven crown
636	Ash-White	17,15,10	Fair	Low	Street	1	• Removal	 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown
640	Maple-Sugar	40	Fair	Low	Street	1	Prune: Reduce likelihood of storm damagePrune: Improve appearance	 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown
641	Spruce-Norway	6	Good	Low	Street	1	Removal	• Dead branches <=2
659	Maple-Sugar	43	Poor	Low	Street	1	 Prune: Reduce risk of branch stem and/or root failure Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Dead/dying stem Decay-root flare Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
661	Maple-Norway	27	Poor	Low	Street	1	• Removal	 Dead branches >2 Decay-stem Dieback (moderate) Hanger Poor branch structure
2	Maple-Red	27	Fair	Low	Sidewalk	2	Prune: Improve appearancePrune: Clearance	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure Wound-root flare
6	Maple-Norway	21	Good	Low	Sidewalk	2	Prune: Improve appearancePrune: ClearanceRCX	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure Seam
7	Maple-Norway	19	Fair	Low	Sidewalk	2	Prune: Improve appearancePrune: Clearance	 Co-dominant stems Dead branches <=2 Poor branch structure Wound-root Wound-stem
14	Maple-Norway	12	Poor	Low	Sidewalk	2	• Removal	 Buried root collar Co-dominant stems Dead branches >2 Decay-stem Dieback (severe)
15	Maple-Norway	10	Fair	Low	Sidewalk	2	Prune: Improve appearancePrune: Reduce likelihood of storm damageRCX	Buried root collarCo-dominant stemsDieback (moderate)Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
25	Maple-Norway	20	Fair	Low	Sidewalk	2	Prune: Reduce likelihood of storm damagePrune: Clearance	Co-dominant stemsDead branches <=2Poor branch structure
26	Maple-Norway	24	Good	Low	Sidewalk	2	 Prune: Clearance Prune: Improve appearance	 Co-dominant stems Dead branches <=2 Girdling roots present Poor branch structure
33	Maple-Norway	11	Good	Low	Sidewalk	2	 Prune: Improve appearance Prune: Reduce likelihood of storm damage 	 Buried root collar Dead branches <=2 Lean Poor branch structure Uneven crown
64	Pine-Austrian	12	Good	Low	Sidewalk	2	Removal	Buried root collarDead branches <=2Poor branch structure
71	Pear-Callery	6	Poor	Low	Parking	2	• Removal	 Co-dominant stems Dead branches <=2 Dieback (severe) Poor branch structure
84	Maple-Norway	11	Good	Low	Sidewalk	2	Prune: ClearancePrune: Develop branch structureRCX	Buried root collarCo-dominant stemsPoor branch structure
86	Maple-Norway	16	Poor	Low	Sidewalk	2	• Removal	 Buried root collar Co-dominant stems Dead branches >2 Decay-stem Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
92	Maple-Norway	20	Fair	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearanceRCX	Buried root collarCo-dominant stemsPoor branch structureUneven crown
99	Maple-Norway	16	Good	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearance	Co-dominant stemsPoor branch structureUneven crown
114	Elm-American	17	Good	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearance	Co-dominant stemsDead branches <= 2Poor branch structure
115	Maple-Red	24	Good	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearancePrune: Develop branch structure	 Co-dominant stems Dead branches <= 2 Poor branch structure Wound-root
119	Honeylocust- Thornless Common	21	Good	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearance	Co-dominant stemsDead branches <=2Poor branch structure
122	Arborvitae- Western Redcedar	17	Good	Low	Building	2	 Prune: Clearance Prune: Improve appearance	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
125	Honeylocust- Thornless Common	15	Good	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearance	 Co-dominant stems Dead branches <=2 Lean Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
131	Maple-Red	10	Poor	Low	Sidewalk	2	• Removal	 Buried root collar Co-dominant stems Dead branches <=2 Low vigor Poor branch structure Wound-stem
139	Maple-Norway	17	Fair	Low	Sidewalk	2	Prune: Improve appearancePrune: Reduce likelihood of storm damage	Co-dominant stemsDead branches <= 2Poor branch structureSeam
142	Maple-Norway	16	Good	Low	Sidewalk	2	 Prune: Clearance Prune: Improve appearance Prune: Develop branch structure RCX 	 Co-dominant stems Dead branches <= 2 Girdling roots present (moderate) Poor branch structure Wound-root
144	Maple-Red	25	Fair	Low	Sidewalk	2	 Prune: Improve appearance Prune: Clearance Prune: Reduce likelihood of storm damage 	Co-dominant stemsDead branches >2Poor branch structure
145	Maple-Norway	15	Good	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearanceRCX	Buried root collarCo-dominant stemsPoor branch structureUneven crown
162	Maple-Norway	12	Good	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearance	Dead branches <=2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
164	Linden-Littleleaf	15	Good	Low	Sidewalk	2	 Prune: Clearance Prune: Develop branch structure Prune: Promote development of strong central stem 	Co-dominant stemsIncluded barkPoor branch structure
170	Maple-Norway	20	Fair	Low	Sidewalk	2	Prune: Improve appearancePrune: Clearance	 Co-dominant stems Dead branches <=2 Decay-branch Poor branch structure
180	Lilac-Japanese Tree	8	Good	Low	Sidewalk	2	 Prune: Clearance Prune: Improve appearance Prune: Develop branch structure RCX 	Buried root collarCo-dominant stemsPoor branch structure
182	Maple-Norway	19	Fair	Low	Sidewalk	2	 Prune: Reduce likelihood of storm damage Prune: Improve appearance Prune: Clearance 	 Co-dominant stems Dead branches >2 Girdling roots present Low vigor Poor branch structure Wound-branch
183	Maple-Red	26	Fair	Low	Sidewalk	2	 Prune: Clearance Prune: Reduce likelihood of storm damage 	 Cavity-stem Co-dominant stems Dead branches <=2 Decay-stem Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
184	Maple-Norway	25	Good	Low	Sidewalk	2	 Prune: Clearance Prune: Improve appearance	 Co-dominant stems Dead branches <=2 Hanger Poor branch structure Uneven crown
209	Cherry-Black	13	Fair	Low	Street	2	• Removal	Dead branches <=2Poor branch structureUneven crown
223	Maple-Norway	25	Fair	Low	Street	2	Prune: Improve appearancePrune: ClearancePrune: Reduce likelihood of storm damage	Co-dominant stemsDead branches >2Poor branch structure
224	Hemlock- Canadian	13	Poor	Low	Street	2	• Removal	Co-dominant stemsDead branches >2Low vigorWound-stem
226	Maple-Red	23	Fair	Low	Street	2	 Prune: Reduce likelihood of storm damage Prune: Improve appearance Prune: Develop branch structure RCX 	 Co-dominant stems Dead branches <=2 Decay-branch Girdling roots present (moderate) Included bark Poor branch structure
244	Maple-Norway	18	Fair	Low	Street	2	Prune: Improve appearancePrune: Clearance	 Co-dominant stems Dead branches <=2 Low vigor Poor branch structure
276	Pine-Eastern White	22	Good	Low	Sidewalk	2	Prune: Improve appearance	Dead branches >2Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
292	Pine-Eastern White	26	Good	Low	Sidewalk	2	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Co-dominant stemsDead branches >2Poor branch structure
294	Cherry-Black	22	Fair	Low	Sidewalk	2	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Co-dominant stemsDead branches >2Poor branch structureUneven crown
298	Cherry-Black	16	Fair	Low	Sidewalk	2	 Prune: Improve appearance Prune: Reduce likelihood of storm damage RCX 	Buried root collarDead branches >2Poor branch structure
306	Maple-Norway	16	Fair	Low	Street	2	Prune: Reduce likelihood of storm damagePrune: Improve appearance	 Co-dominant stems Dead branches <=2 Decay-branch Poor branch structure
335	Pine-Eastern White	26	Fair	Low	Street	2	Prune: Reduce likelihood of storm damagePrune: Improve appearance	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure
337	Pine-Eastern White	27	Fair	Low	Street	2	 Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure Uneven crown
338	Pine-Eastern White	24	Good	Low	Street	2	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Dead branches <=2Uneven crown
339	Oak-Northern Red	18,12	Good	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearance	Co-dominant stemsDead branches <=2

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
349	Pine-Eastern White	17	Fair	Low	Sidewalk	2	Prune: Improve appearance	Dead branches >2Low live crown ratio
385	Maple-Sugar	12,12	Fair	Low	Sidewalk	2	Prune: ClearancePrune: Improve appearancePrune: Develop branch structure	Co-dominant stemsPoor branch structureWound-stem
402	Pine-Eastern White	11	Fair	Low	Sidewalk	2	Prune: Improve appearance	Dead branches <=2Low vigorUneven crown
406	Pine-Eastern White	25	Fair	Low	Sidewalk	2	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Dead branches >2Low vigor
443	Cherry-Black	15	Fair	Low	Street	2	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Co-dominant stemsDead branches <=2Uneven crown
457	Maple-Red	18,13	Fair	Low	Street	2	 Prune: Improve appearance Prune: Reduce likelihood of storm damage 	 Co-dominant stems Dead branches >2 Included bark Poor branch structure Uneven crown
460	Cherry-Black	19	Fair	Low	Street	2	Prune: Improve appearancePrune: Reduce likelihood of storm damage	Dead branches >2Poor branch structureUneven crown
472	Cherry-Black	11	Fair	Low	Street	2	Prune: Improve appearancePrune: Reduce likelihood of storm damage	Dead branches >2Low vigor

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
529	Poplar-Bigtooth Aspen	18	Fair	Low	Street	2	 Prune: Reduce likelihood of storm damage Prune: Improve appearance 	 Broken branch(s) Co-dominant stems Dead branches >2 Poor branch structure Wound-stem
568	Maple-Sugar	31	Good	Low	Street	2	Prune: Improve appearancePrune: Reduce likelihood of storm damage	Dead branches >2Poor branch structureWound-root flare
577	Maple-Red	20	Fair	Low	Street	2	Prune: Reduce likelihood of storm damagePrune: Improve appearance	Cavity-stemDead branches >2Poor branch structureWound-branch
578	Pine-Eastern White	11	Fair	Low	Street	2	 Prune: Clearance Prune: Improve appearance	Buried root collarDead branches >2Low vigor
581	Oak-Northern Red	19	Fair	Low	Street	2	Prune: Improve appearancePrune: Reduce likelihood of storm damage	Dead branches >2Poor branch structureUneven crown
582	Oak-Northern Red	35	Good	Low	Street	2	 Prune: Improve appearance Prune: Reduce likelihood of storm damage 	 Co-dominant stems Dead branches >2 Included bark Poor branch structure
583	Pine-Eastern White	11	Good	Low	Street	2	 Prune: Clearance Prune: Improve appearance	 Buried root collar Dead branches <=2 Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
584	Pine-Eastern White	28	Good	Low	Street	2	Prune: ClearancePrune: Improve appearancePrune: Reduce likelihood of storm damage	 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown
585	Maple-Red	25	Good	Low	Street	2	 Prune: Clearance Prune: Improve appearance Prune: Reduce likelihood of storm damage RCX 	 Broken branch(s) Buried root collar Co-dominant stems Included bark Poor branch structure
595	Pine-Eastern White	14	Good	Low	Street	2	 Prune: Clearance Prune: Improve appearance	Dead branches <=2Uneven crown
599	Oak-Northern Red	23	Good	Low	Street	2	Prune: ClearancePrune: Improve appearance	Dead branches >2Poor branch structure
600	Oak-Northern Red	31	Fair	Low	Street	2	Prune: Improve appearancePrune: Clearance	Dead branches >2Poor branch structureUneven crown
601	Oak-Northern Red	22	Good	Low	Street	2	Prune: ClearancePrune: Improve appearance	Dead branches <=2Poor branch structure
602	Oak-Northern Red	25	Good	Low	Street	2	Prune: ClearancePrune: Improve appearance	 Corrected lean Dead branches >2 Poor branch structure Uneven crown
607	Maple-Red	14	Good	Low	Street	2	 Prune: Clearance Prune: Improve appearance	Co-dominant stemsPoor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
616	Maple-Red	27	Fair	Low	Street	2	 Prune: Clearance Prune: Improve appearance Prune: Reduce likelihood of storm damage 	 Co-dominant stems Decay-stem Included bark Poor branch structure Uneven crown
622	Maple-Norway	8	Good	Low	Street	2	Prune: ClearancePrune: Improve appearance	Uneven crown
628	Maple-Red	25,12,7	Good	Low	Street	2	 Prune: Clearance Prune: Improve appearance	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
630	Maple-Sugar	11	Good	Low	Street	2	Prune: ClearancePrune: Improve appearance	Poor branch structureUneven crown
632	Oak-Northern Red	15	Good	Low	Street	2	Prune: ClearancePrune: Improve appearance	Dead branches <=2Uneven crown
643	Maple-Norway	13	Fair	Low	Street	2	Prune: ClearancePrune: Improve appearance	Dead branches <=2Decay-branchPoor branch structureUneven crown
658	Maple-Norway	29	Good	Low	Street	2	Prune: Reduce likelihood of storm damagePrune: Improve appearance	 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown
9	Maple-Norway	17	Fair	Low	Sidewalk	3	Prune: Improve appearance	 Co-dominant stems Dead branches <= 2 Girdling roots present (moderate) Poor branch structure Wound-root

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
11	Spruce-Colorado Blue	15	Fair	Low	Sidewalk	3	Prune: Improve appearanceRCX	Buried root collarDead branches <= 2Uneven crown
16	Honeylocust- Thornless Common	10	Good	Low	Sidewalk	3	Prune: Improve appearancePrune: ClearanceRCX	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
35	Maple-Norway	11	Good	Low	Sidewalk	3	 Prune: Clearance Prune: Improve appearance	Dead branches <=2Poor branch structureUneven crown
43	Maple-Red	10	Fair	Low	Parking	3	Prune: Improve appearanceRCX	 Broken branch(s) Buried root collar Dead branches <=2 Wound-stem
65	Crabapple	12	Good	Low	Sidewalk	3	 Prune: Clearance Prune: Maintain size and shape Prune: Improve appearance 	Co-dominant stemsDead branches <= 2Poor branch structure
66	Hemlock- Canadian	9	Fair	Low	Sidewalk	3	Prune: Improve appearancePrune: ClearanceRCX	 Dead branches <=2 Girdling roots present Low vigor Poor branch structure Uneven crown
72	Pear-Callery	6	Fair	Low	Sidewalk	3	Prune: Improve appearancePrune: Develop branch structure	Dead branches <=2Low vigorWound-root flareWound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
76	Pear-Callery	6	Good	Low	Sidewalk	3	Prune: Improve appearancePrune: ClearanceRCX	 Broken branch(s) Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
82	Maple-Amur	4,4,4,3,3,3	Fair	Low	Sidewalk	3	 Prune: Improve appearance Prune: Clearance	 Broken branch(s) Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
87	Crabapple	11	Good	Low	Sidewalk	3	 Prune: Improve appearance Prune: Clearance Prune: Develop branch structure RCX 	 Broken branch(s) Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
88	Lilac	5,5,4,4	Fair	Low	Sidewalk	3	Prune: ClearancePrune: Improve appearancePrune: Maintain size and shape	 Broken branch(s) Co-dominant stems Dead branches <=2 Fungi/conks Poor branch structure
127	Dogwood-Kousa	4	Fair	Low	Sidewalk	3	Prune: ClearancePrune: Develop branch structureRCX	Buried root collarCo-dominant stemsPoor branch structureWound-stem
132	Maple-Norway	11	Fair	Low	Sidewalk	3	Prune: Improve appearanceRCX	Buried root collarDead branches >2Low vigorWound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
233	Spruce-Colorado Blue	19	Fair	Low	Street	3	Prune: Improve appearance	Dead branches <=2Low vigorUneven crown
4 **	Maple-Norway	21	Good	Low	Sidewalk	ii.		Co-dominant stemsDead branches <=2Poor branch structureWound-stem
13	Maple-Norway	13	Good	Low	Sidewalk	:	• RCX	 Co-dominant stems Dead branches <=2 Girdling roots present Poor branch structure
17	Elm-American	5	Fair	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structureWound-stem
18	Elm-American	5	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
19	Elm-American	6	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
21	Maple-Sugar	2	Good	Low	Sidewalk		• RCX	Buried root collar
22	Elm-American	7	Good	Low	Sidewalk	•••	• RCX	Buried root collarCo-dominant stemsPoor branch structure
23 **	Elm-American	7	Good	Low	Sidewalk			Co-dominant stemsPoor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
30	Maple-Norway	14	Good	Low	Sidewalk		• RCX	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
31 **	Maple-Silver	19	Good	Low	Sidewalk			Co-dominant stemsDead branches <= 2Poor branch structureWound-stem
32 **	Maple-Norway	11	Good	Low	Sidewalk			Buried root collarPoor branch structureUneven crown
34 **	Maple-Norway	8	Good	Low	Sidewalk			Buried root collarLow live crown ratio
36 **	Maple-Norway	9	Good	Low	Sidewalk	•••		Dead branches <=2Poor branch structureUneven crown
37	Pear-Callery	3	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
38 **	Pear-Callery	3	Good	Low	Sidewalk			Buried root collarCo-dominant stemsPoor branch structure
39	Pear-Callery	3	Good	Low	Sidewalk	::	• RCX	Buried root collarCo-dominant stemsPoor branch structure
40 **	Pear-Callery	3	Good	Low	Sidewalk			Co-dominant stemsPoor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
41 **	Pear-Callery	3	Good	Low	Sidewalk			Co-dominant stemsPoor branch structureWound-root flare
44	Crabapple	6	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
50 **	Oak-White	38	Good	Low	Sidewalk			Co-dominant stemsDead branches <= 2Uneven crown
51 **	Oak-White	36	Good	Low	Sidewalk	:		Co-dominant stemsDead branches >2Poor branch structure
52 **	Maple-Norway	13	Fair	Low	Sidewalk			Co-dominant stemsDead branches <= 2Poor branch structureUneven crown
53 **	Maple-Norway	9	Fair	Low	Sidewalk			Low vigorPoor branch structureWound-stem
54 **	Elm-American	29	Good	Low	Sidewalk			Co-dominant stemsDead branches >2Poor branch structure
55 **	Maple-Norway	11	Fair	Low	Sidewalk			Dead branches <=2Poor branch structureUneven crown
67 **	Pear-Callery	6	Fair	Low	Sidewalk			Co-dominant stemsIncluded barkPoor branch structureWound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
68 **	Pear-Callery	4	Fair	Low	Sidewalk			Co-dominant stemsLow vigorPoor branch structure
69 **	Pear-Callery	6	Good	Low	Sidewalk			Co-dominant stemsIncluded barkPoor branch structureWound-stem
70 **	Pear-Callery	6	Good	Low	Sidewalk			Co-dominant stemsIncluded barkPoor branch structure
73	Pear-Callery	3	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
74	Pear-Callery	3	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
75	Pear-Callery	4	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
78	Pear-Callery	3	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
81	Pear-Callery	3	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
83 **	Maple-Sugar	14	Fair	Low	Sidewalk			Co-dominant stemsIncluded barkPoor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
85	Maple-Norway	13	Fair	Low	Sidewalk	ŧ	• RCX	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure Wound-stem
91	Maple-Norway	5	Fair	Low	Sidewalk		• RCX	 Buried root collar Co-dominant stems Decay-stem Poor branch structure Seam
93	Maple-Norway	12	Good	Low	Sidewalk		• RCX	Buried root collarPoor branch structureTopping/heading cuts
94 **	Maple-Norway	20	Good	Low	Sidewalk			Topping/heading cutsUneven crown
95	Elm-American	10	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
97 **	Maple-Norway	23	Good	Low	Sidewalk			Co-dominant stemsDead branches <=2Poor branch structure
98 **	Maple-Norway	21	Fair	Low	Sidewalk			Co-dominant stemsPoor branch structureWound-rootWound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
101	Maple-Red	31	Fair	Low	Sidewalk		• RCX	 Buried root collar Co-dominant stems Poor branch structure Uneven crown Wound-stem
102	Maple-Norway	19	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
103 **	Maple-Norway	24	Good	Low	Sidewalk			Co-dominant stemsPoor branch structureWound-root
104 **	Maple-Norway	15	Good	Low	Sidewalk			Co-dominant stemsPoor branch structureUneven crownWound-root
105 **	Maple-Norway	19	Good	Low	Sidewalk			 Co-dominant stems Dead branches <=2 Decay-branch Poor branch structure Wound-stem
107	Maple-Sugar	4	Good	Low	Sidewalk		• RCX	Buried root collarPoor branch structureWound-branch
108 **	Maple-Norway	19	Good	Low	Sidewalk			 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
110 **	Maple-Norway	28	Good	Low	Sidewalk			Co-dominant stemsDead branches <=2Poor branch structureWound-root
111 **	Maple-Norway	7	Good	Low	Sidewalk			Poor branch structureUneven crown
112 **	Locust-Black	5,5	Good	Low	Sidewalk			 Co-dominant stems Dead branches <=2 Poor branch structure Uneven crown
113 **	Maple-Norway	7,6	Good	Low	Sidewalk			Co-dominant stemsIncluded barkPoor branch structure
116 **	Maple-Red	14	Good	Low	Sidewalk	:		Co-dominant stemsPoor branch structureWound-root
118 **	Honeylocust- Thornless Common	12	Good	Low	Sidewalk			Dead branches <=2Poor branch structureUneven crown
120	Crabapple	13	Fair	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
124 **	Honeylocust- Thornless Common	18	Good	Low	Parking			Co-dominant stemsDead branches <=2
128 **	Magnolia	6	Good	Low	Sidewalk			Co-dominant stemsPoor branch structure
129 **	Dogwood-Kousa	5	Good	Low	Sidewalk			Co-dominant stemsPoor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
134	Maple-Red	10	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
135	Maple-Freeman's	21	Good	Low	Sidewalk		• RCX	 Buried root collar Co-dominant stems Dead branches <=2 Included bark Poor branch structure
141 **	Maple-Freeman's	16	Good	Low	Sidewalk			Co-dominant stemsPoor branch structure
143	Maple-Norway	15	Good	Low	Sidewalk		• RCX	Buried root collarPoor branch structureSeam
153	Maple-Norway	15	Fair	Low	Sidewalk		• RCX	Buried root collarDead branches <=2Seam
154 **	Crabapple	13	Good	Low	Sidewalk			Co-dominant stems
156 **	Maple-Norway	18	Fair	Low	Sidewalk			Co-dominant stemsDead branches <=2Poor branch structureUneven crown
159 **	Maple-Norway	16	Poor	Low	Sidewalk			Low vigorPoor branch structureWound-stem
160 **	Maple-Norway	25	Good	Low	Sidewalk			Co-dominant stemsPoor branch structureSeam
161 **	Maple-Norway	16	Fair	Low	Sidewalk			Dead branches <=2Decay-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
165	Pear-Callery	7	Good	Low	Sidewalk		• RCX	Buried root collarCo-dominant stemsPoor branch structure
171 **	Birch-Paper	15,15,15	Good	Low	Sidewalk			Co-dominant stemsDead branches <= 2Poor branch structure
174 **	Maple-Norway	15	Good	Low	Sidewalk			Co-dominant stemsDead branches <=2
175 **	Maple-Norway	18	Good	Low	Sidewalk			 Co-dominant stems Dead branches <= 2 Poor branch structure Uneven crown
176 **	Maple-Norway	19	Good	Low	Sidewalk			 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
177 **	Spruce-White	4	Good	Low	Sidewalk			• Dead branches <=2
178	Oak-Pin	18	Good	Low	Sidewalk		• RCX	Buried root collarDead branches <=2SeamUneven crown
179	Maple-Sugar	35	Fair	Low	Sidewalk		• RCX	 Co-dominant stems Girdling roots present Included bark Poor branch structure Seam Uneven crown
185 **	Maple-Norway	11	Good	Low	Street			Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
187 **	Maple-Norway	20	Fair	Low	Street			Buried root collarDecay-branchUneven crown
188 **	Maple-Sugar	10	Good	Low	Street	:		Co-dominant stemsPoor branch structureUneven crown
190 **	Oak-White	17	Good	Low	Street			Dead branches <=2Uneven crown
192 **	Oak-White	14	Fair	Low	Street			Dead branches <=2Low live crown ratio
199 **	Maple-Sugar	14	Good	Low	Street			Dead branches <=2Poor branch structureUneven crown
204 **	Cherry-Black	10	Fair	Low	Street			 Dead branches <=2 Decay-root flare Poor branch structure Uneven crown
205 **	Maple-Red	19,17	Fair	Low	Street			 Co-dominant stems Dead branches <=2 Included bark Poor branch structure Uneven crown
206 **	Maple-Silver	25	Fair	Low	Street			Co-dominant stemsDead branches <= 2Poor branch structureUneven crown
220 **	Oak-Northern Red	14	Good	Low	Street			LeanPoor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
221 **	Maple-Sugar	4	Good	Low	Street			• Suppressed
222	Maple-Norway	19	Good	Low	Street		• RCX	Buried root collarCo-dominant stemsPoor branch structure
228 **	Pine-Eastern White	12	Good	Low	Street			 Growing against object Uneven crown
230 **	Ash-White	24	Fair	Low	Street			• Dead branches <=2
231 **	Elm-American	9	Fair	Low	Street			 Poor branch structure Uneven crown
232 **	Ash-White	17	Fair	Low	Street			Buried root collarDead branches <=2
236	Maple-Norway	13	Good	Low	Street		• RCX	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
241	Maple-Norway	23	Good	Low	Street		• RCX	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
242	Maple-Norway	13	Good	Low	Street		• RCX	Buried root collarCo-dominant stemsDead branches <= 2
245	Maple-Norway	19	Good	Low	Street		• RCX	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
246	Maple-Norway	16	Good	Low	Street		• RCX	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
247 **	Maple-Norway	9	Fair	Low	Street			 Co-dominant stems Dead branches <= 2 Poor branch structure Wound-root flare
248	Maple-Norway	9	Good	Low	Street	::	• RCX	Buried root collarGirdling roots presentPoor branch structure
250 **	Maple-Sugar	12	Good	Low	Sidewalk			Poor branch structureUneven crown
251 **	Maple-Sugar	10	Good	Low	Sidewalk			Dead branches <=2Low live crown ratio
253 **	Pine-Eastern White	16	Fair	Low	Sidewalk			Dead branches >2Uneven crown
254 **	Pine-Eastern White	14	Good	Low	Sidewalk			Dead branches <=2Uneven crown
255 **	Pine-Eastern White	15	Fair	Low	Sidewalk			Dead branches >2Uneven crown
263 **	Pine-Eastern White	15	Fair	Low	Sidewalk	::		Dead branches <=2Poor branch structureUneven crown
264 **	Pine-Eastern White	11	Fair	Low	Sidewalk			Dead branches <=2Low vigorPoor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
266 **	Maple-Norway	10	Good	Low	Sidewalk			Co-dominant stemsWound-stem
267 **	Maple-Norway	11	Good	Low	Sidewalk			Poor branch structureUneven crown
269 **	Maple-Norway	10	Fair	Low	Sidewalk			Dead branches <=2LeanPoor branch structureUneven crown
273 **	Ash-White	23	Fair	Low	Sidewalk			Co-dominant stemsPoor branch structureUneven crown
274 **	Pine-Eastern White	22	Good	Low	Sidewalk			 Dead branches <=2 Girdling roots present Poor branch structure Uneven crown
275 **	Pine-Eastern White	25	Good	Low	Sidewalk			Broken branch(s)Dead branches <=2SweepUneven crown
277 **	Pine-Eastern White	20	Good	Low	Sidewalk			Dead branches <=2Uneven crown
279	Maple-Red	26	Fair	Low	Sidewalk		• RCX	Co-dominant stemsGirdling roots presentPoor branch structureWound-stem
280 **	Pine-Eastern White	16	Good	Low	Sidewalk			 Dead branches <=2 Girdling roots present Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
281 **	Pine-Eastern White	15	Fair	Low	Sidewalk			Dead branches <=2Low vigorPoor branch structureUneven crown
284 **	Hemlock- Canadian	17	Fair	Low	Sidewalk			Dead branches <=2Poor branch structureSuppressedUneven crown
286 **	Pine-Eastern White	19	Fair	Low	Sidewalk			Co-dominant stemsDead branches <=2Poor branch structure
287 **	Pine-Eastern White	18,12	Good	Low	Sidewalk	:		Co-dominant stemsDead branches <= 2Poor branch structure
289 **	Pine-Eastern White	13	Fair	Low	Sidewalk			Co-dominant stemsHangerPoor branch structureSuppressedUneven crown
293 **	Ash-White	19	Fair	Low	Sidewalk			Dead branches <=2Poor branch structureUneven crown
295 **	Crabapple	8	Good	Low	Sidewalk			Co-dominant stems Poor branch structure
300 **	Cherry-Black	21	Good	Low	Sidewalk			Dead branches <=2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
301 **	Pine-Eastern White	25	Good	Low	Street			Dead branches >2Poor branch structureUneven crown
304 **	Maple-Norway	13	Fair	Low	Street			Dead branches <=2Low vigorPoor branch structureUneven crown
305 **	Maple-Red	15	Fair	Low	Street			Decay-root flarePoor branch structureUneven crown
307 **	Maple-Red	21	Fair	Low	Street			 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
310 **	Maple-Norway	23	Fair	Low	Street			Dead branches >2Poor branch structureUneven crown
311 **	Maple-Norway	28	Fair	Low	Street			 Co-dominant stems Growing against object Poor branch structure Seam Uneven crown
313 **	Maple-Sugar	31	Good	Low	Street			Dead branches <=2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
314 **	Maple-Norway	23	Good	Low	Street			 Dead branches <=2 Girdling roots present Poor branch structure Seam Uneven crown
315 **	Maple-Sugar	32	Good	Low	Street	:		Dead branches <=2Poor branch structureUneven crown
316 **	Maple-Sugar	31	Fair	Low	Street			Cavity-stemDecay-stemPoor branch structureUneven crown
317 **	Maple-Sugar	31	Good	Low	Street			Cavity-suspectedDead branches <=2Poor branch structure
320 **	Maple-Sugar	28	Fair	Low	Street			Co-dominant stemsDead branches <= 2Poor branch structureSeam
324 **	Maple-Sugar	15	Good	Low	Street			Dead branches <=2Uneven crown
326 **	Maple-Sugar	16	Fair	Low	Street			 Co-dominant stems Decay-root flare Poor branch structure Uneven crown
328 **	Maple-Sugar	12	Good	Low	Street			Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
329 **	Yew	4	Fair	Low	Street			Co-dominant stemsDead branches <=2Poor branch structure
331	Oak-White	18	Good	Low	Street		• RCX	Buried root collarPoor branch structureUneven crown
332 **	Maple-Red	13	Good	Low	Street			Buried root collarPoor branch structureUneven crown
336 **	Oak-Northern Red	21	Good	Low	Street			Dead branches <=2Uneven crown
340 **	Maple-Red	15	Good	Low	Sidewalk	i		Poor branch structureUneven crown
348 **	Maple-Sugar	10,7	Good	Low	Sidewalk			 Co-dominant stems Dead branches <=2 Poor branch structure Uneven crown
351 **	Maple-Norway	8	Good	Low	Sidewalk			Poor branch structureUneven crown
355 **	Pine-Eastern White	22	Fair	Low	Sidewalk			Dead branches >2Poor branch structureUneven crown
358 **	Pine-Eastern White	21	Fair	Low	Sidewalk			 Dead branches >2 Girdling roots present Poor branch structure Uneven crown
360 **	Pine-Eastern White	24	Fair	Low	Sidewalk			Dead branches >2Low live crown ratioLow vigor

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
368 **	Pine-Eastern White	21	Good	Low	Sidewalk			Dead branches >2Poor branch structureUneven crown
369 **	Cherry-Black	10	Good	Low	Sidewalk			Poor branch structureUneven crown
370 **	Locust-Black	10	Fair	Low	Sidewalk			Dead branches >2Poor branch structure
371 **	Cherry-Black	10	Fair	Low	Sidewalk			 Dead branches <=2 Poor branch structure Uneven crown Wound-stem
372 **	Locust-Black	13	Fair	Low	Sidewalk			Dead branches >2Poor branch structureUneven crown
375 **	Maple-Sugar	6	Good	Low	Sidewalk			Uneven crown
380 **	Maple-Sugar	13	Good	Low	Sidewalk			Poor branch structureUneven crown
381 **	Maple-Sugar	14	Good	Low	Sidewalk	:		Dead branches <=2Poor branch structure
382 **	Maple-Sugar	12	Fair	Low	Sidewalk			Co-dominant stemsIncluded barkPoor branch structureUneven crown
384 **	Maple-Sugar	11	Fair	Low	Sidewalk			Dead branches <=2Uneven crownWound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
387 **	Maple-Sugar	17	Fair	Low	Sidewalk			 Dead branches <=2 Poor branch structure Uneven crown Wound-root flare
388 **	Maple-Sugar	19	Good	Low	Sidewalk			Dead branches <=2Poor branch structureUneven crown
390 **	Oak-Northern Red	10	Good	Low	Sidewalk	:		Dead branches <=2Poor branch structureUneven crown
391 **	Hickory-Shagbark	10	Good	Low	Sidewalk			• Dead branches <=2
392 **	Maple-Sugar	18	Fair	Low	Sidewalk	ŧ		 Cavity-stem Co-dominant stems Dead branches <= 2 Poor branch structure Uneven crown
398 **	Hickory-Shagbark	16	Good	Low	Sidewalk			Dead branches <=2Uneven crown
400 **	Oak-Northern Red	13	Good	Low	Sidewalk			Dead branches <=2Uneven crown
404 **	Pine-Eastern White	36	Good	Low	Sidewalk	···		 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
408 **	Maple-Red	12	Good	Low	Sidewalk			Uneven crown
410 **	Oak-White	14	Good	Low	Sidewalk			Dead branches <=2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
411 **	Oak-White	15	Good	Low	Sidewalk			Dead branches <=2Uneven crown
417	Pine-Eastern White	11,10	Good	Low	Sidewalk		• RCX	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure Uneven crown
421 **	Maple-Red	11,6,6,6	Fair	Low	Sidewalk			Co-dominant stemsGrowing against objectPoor branch structureUneven crown
423 **	Maple-Sugar	7,6	Good	Low	Sidewalk			Co-dominant stemsDead branches <= 2Poor branch structure
425 **	Oak-Northern Red	24	Good	Low	Sidewalk			Dead branches <=2Poor branch structureUneven crown
426 **	Maple-Sugar	9	Fair	Low	Sidewalk	···		 Growing against object Poor branch structure Suppressed Uneven crown
428 **	Maple-Red	11	Good	Low	Sidewalk			 Growing against object Poor branch structure Suppressed Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
429 **	Maple-Red	13	Fair	Low	Sidewalk	ij		 Co-dominant stems Dead branches <=2 Growing against object Poor branch structure Uneven crown
430 **	Maple-Red	26	Fair	Low	Sidewalk	ŧ		 Cavity-stem Co-dominant stems Growing against object Included bark Poor branch structure Uneven crown
431 **	Cherry-Black	8,7,4	Fair	Low	Sidewalk			 Co-dominant stems Dead branches <=2 Growing against object Poor branch structure
432 **	Oak-Northern Red	9	Good	Low	Sidewalk			 Growing against object Uneven crown
433 **	Maple-Red	10	Fair	Low	Sidewalk			Co-dominant stemsDecay-root flareGrowing against objectUneven crown
436 **	Maple-Sugar	13	Fair	Low	Street	:		Dead branches <=2SuppressedWound-stem
437 **	Maple-Sugar	14	Fair	Low	Street			Dead branches >2Poor branch structureWound-stem
439 **	Maple-Sugar	10	Good	Low	Street			 Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
440 **	Maple-Sugar	10	Good	Low	Street			Poor branch structureUneven crown
441 **	Oak-White	17,15	Good	Low	Street			 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
442 **	Maple-Red	10	Good	Low	Street			Uneven crown
445 **	Maple-Red	18	Good	Low	Street			Dead branches >2Poor branch structure
451 **	Maple-Red	24	Good	Low	Street			 Co-dominant stems Dead branches <=2 Decay-stem Poor branch structure Uneven crown
455 **	Cherry-Black	12	Fair	Low	Street			Dead branches >2Poor branch structureUneven crown
458 **	Maple-Red	16,11,9	Good	Low	Street			 Co-dominant stems Dead branches >2 Hanger Included bark Poor branch structure
459	Maple-Red	14,14	Good	Low	Street		• RCX	 Buried root collar Co-dominant stems Included bark Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
462 **	Maple-Sugar	16,6,4	Good	Low	Street			Co-dominant stemsIncluded barkPoor branch structureUneven crown
466 **	Pine-Eastern White	15,11	Good	Low	Street			Co-dominant stemsDead branches <= 2Poor branch structure
467 **	Pine-Eastern White	10	Fair	Low	Street			Dead branches <=2Uneven crown
471 **	Maple-Norway	12	Good	Low	Street			Co-dominant stemsPoor branch structureUneven crown
488	Oak-Northern Red	18	Good	Low	Street		• RCX	Buried root collarDead branches <= 2
493 **	Maple-Red	14,8,7	Good	Low	Street			Co-dominant stemsIncluded barkPoor branch structureUneven crown
496 **	Maple-Norway	11	Good	Low	Street			Poor branch structureUneven crown
497 **	Maple-Norway	10	Good	Low	Street			Poor branch structureUneven crown
500 **	Ash-White	11	Fair	Low	Street			Co-dominant stemsIncluded barkPoor branch structure
508 **	Oak-Northern Red	10	Good	Low	Street			Dead branches <=2Uneven crownWound-stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
510 **	Oak-Northern Red	12	Good	Low	Street			Dead branches <=2Uneven crown
512 **	Cherry-Black	12	Good	Low	Street			Dead branches <=2Poor branch structure
526 **	Oak-Northern Red	11	Good	Low	Street			• Dead branches <=2
532 **	Maple-Red	23	Good	Low	Street	:		Co-dominant stemsDead branches <= 2Poor branch structure
533 **	Maple-Red	12	Good	Low	Street			Dead branches <=2Uneven crown
534 **	Maple-Red	14	Good	Low	Street			Dead branches <=2Uneven crown
535 **	Maple-Red	11	Good	Low	Street			Dead branches <=2Low live crown ratio
536 **	Maple-Red	13	Fair	Low	Street			Dead branches <=2Decay-root flareUneven crown
538 **	Maple-Red	15	Good	Low	Street			Co-dominant stemsDead branches <= 2Poor branch structure
540 **	Pine-Eastern White	11	Good	Low	Street			Dead branches <=2SuppressedUneven crown
542 **	Oak-Northern Red	21	Good	Low	Street			Dead branches <=2Poor branch structure
543 **	Maple-Red	10	Good	Low	Street			Dead branches <=2Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
544 **	Maple-Red	12	Fair	Low	Street	ŀ		Broken branch(s)Dead branches >2Poor branch structureStorm damage
551 **	Maple-Red	16	Fair	Low	Street	:		 Buried root collar Dead branches <=2 Girdling roots present Uneven crown Wound-stem
552 * *	Maple-Red	13	Good	Low	Street			Dead branches <=2Uneven crown
555 **	Maple-Sugar	15	Good	Low	Street			 Co-dominant stems Dead branches <=2 Poor branch structure Uneven crown
556 **	Maple-Sugar	21	Good	Low	Street			Dead branches >2Poor branch structureUneven crown
557 **	Maple-Red	18	Good	Low	Street			Co-dominant stemsDead branches <= 2Poor branch structureUneven crown
559 **	Maple-Sugar	15	Good	Low	Street			Co-dominant stemsDead branches >2Poor branch structureUneven crown
560 **	Maple-Sugar	11	Fair	Low	Street			Dead branches <=2SuppressedUneven crown

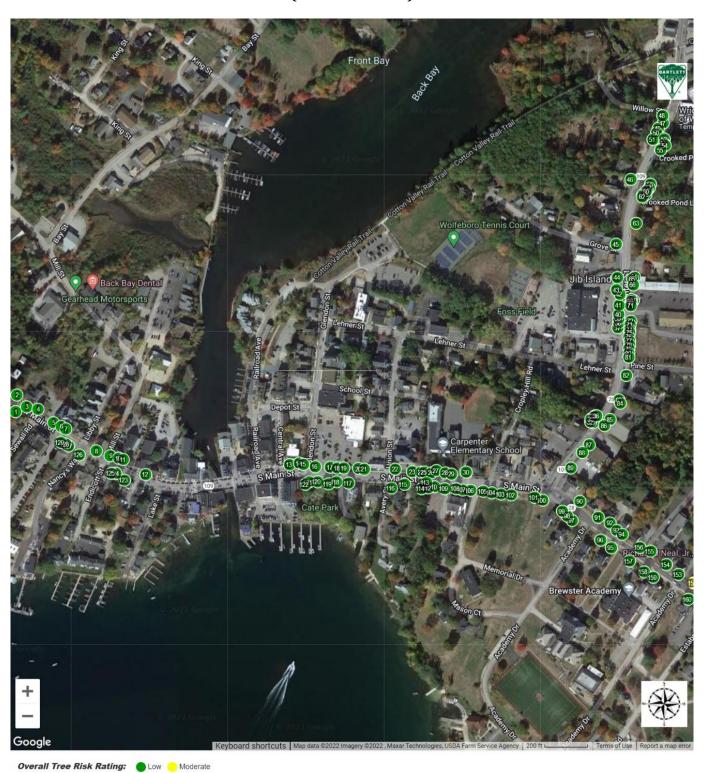
Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
561 **	Maple-Sugar	14	Good	Low	Street			Dead branches <=2Poor branch structureUneven crown
562 **	Maple-Sugar	17	Good	Low	Street	ii.		Dead branches <=2Poor branch structureUneven crown
564 **	Maple-Sugar	15	Fair	Low	Street			Dead branches <=2Poor branch structureSuppressedUneven crown
566 **	Maple-Sugar	26	Good	Low	Street			Co-dominant stemsDead branches <= 2Poor branch structureUneven crown
571 **	Maple-Red	25,13	Fair	Low	Street			Cavity-suspectedCo-dominant stemsPoor branch structureUneven crown
579 **	Oak-Northern Red	35	Good	Low	Street	H		 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
580 **	Oak-Northern Red	15,9	Good	Low	Street	ŀ		Co-dominant stemsDead branches <=2Included barkPoor branch structure
587 **	Poplar-Bigtooth Aspen	13	Good	Low	Street			Dead branches >2Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
592 **	Oak-Northern Red	10	Good	Low	Street			Dead branches <=2Poor branch structureUneven crown
594 **	Maple-Red	17	Good	Low	Street			 Co-dominant stems Dead branches >2 Included bark Poor branch structure Uneven crown
597 **	Maple-Red	12	Good	Low	Street			Poor branch structureSuppressedUneven crown
611 **	Maple-Sugar	29	Good	Low	Street			 Co-dominant stems Dead branches <=2 Included bark Poor branch structure Uneven crown
618 **	Maple-Sugar	16	Good	Low	Street			Dead branches <=2Poor branch structureUneven crown
621 **	Maple-Sugar	19	Good	Low	Street			 Dead branches <=2 Girdling roots present Poor branch structure Uneven crown
642 **	Spruce-Norway	10	Fair	Low	Street			Poor branch structureWound-stem
645 **	Maple-Norway	13,10	Good	Low	Street			 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown

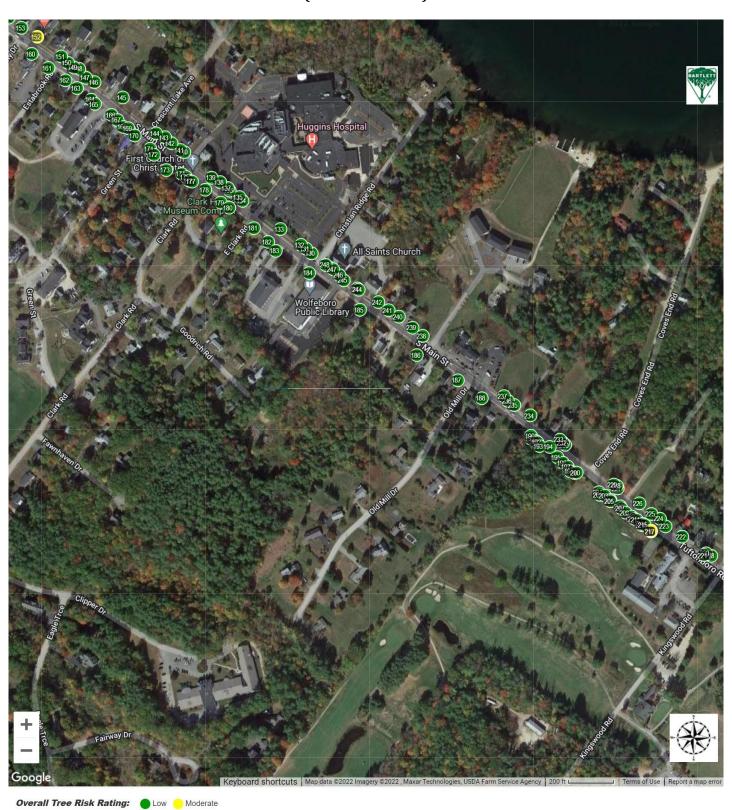
Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
646 **	Maple-Norway	8	Good	Low	Street			Buried root collarDead branches <=2Poor branch structure
648 **	Maple-Norway	10	Fair	Low	Street	ii.		Low vigorPoor branch structureUneven crown
649 **	Maple-Norway	10	Fair	Low	Street			Poor branch structureTopping/heading cutsUneven crown
650 **	Maple-Norway	10	Good	Low	Street			Poor branch structureUneven crown
651 **	Maple-Norway	14	Good	Low	Street			 Co-dominant stems Hanger Poor branch structure Uneven crown
652 **	Pine-Eastern White	12	Fair	Low	Street			 Buried root collar Low live crown ratio Poor branch structure Uneven crown Wound-stem
654 **	Maple-Norway	12	Good	Low	Street	•••		Dead branches <=2Uneven crownWound-root
660 **	Birch-Gray	7	Good	Low	Street			Poor branch structureTopping/heading cuts

^{**}Any tree without a mitigation recommendation or *Level 3 Advanced Assessment* recommendation should be retained and monitored.

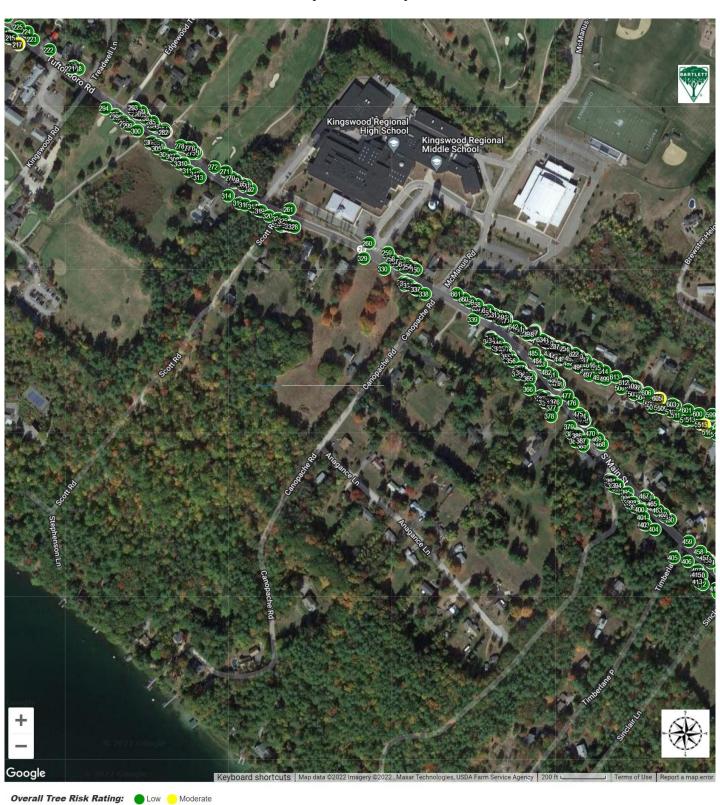
INVENTORIED TREES ASSIGNED OVERALL TREE RISK RATINGS AT THE TIME OF DATA COLLECTION (CENTER STREET)



INVENTORIED TREES ASSIGNED OVERALL TREE RISK RATINGS AT THE TIME OF DATA COLLECTION (OLD MILL DRIVE)



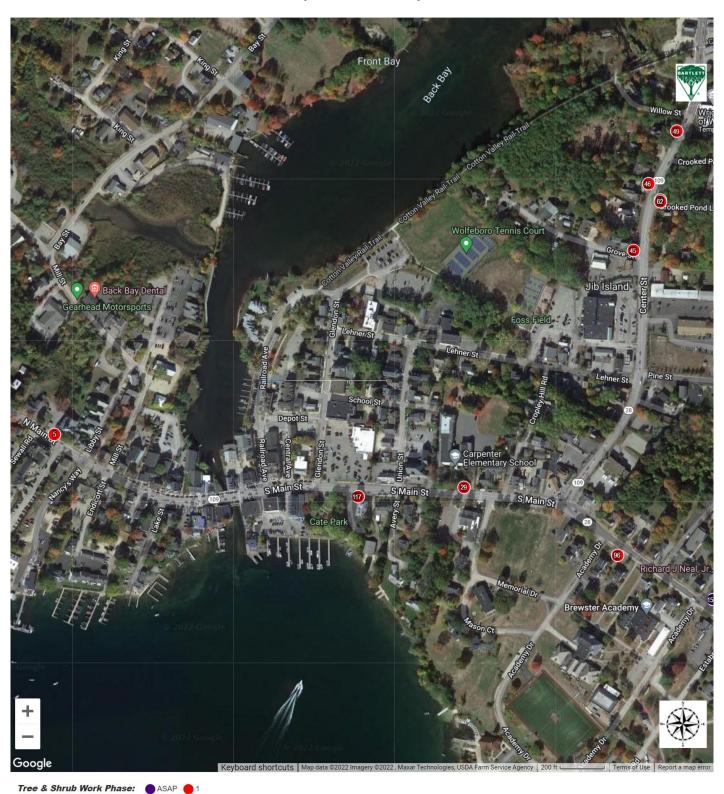
INVENTORIED TREES ASSIGNED *OVERALL TREE RISK RATINGS* AT THE TIME OF DATA COLLECTION (SCOTT ROAD)



INVENTORIED TREES ASSIGNED *OVERALL TREE RISK RATINGS* AT THE TIME OF DATA COLLECTION (CROSS ROAD)



INVENTORIED TREES RECOMMENDED FOR RISK MITIGATION PRUNING (CENTER STREET)



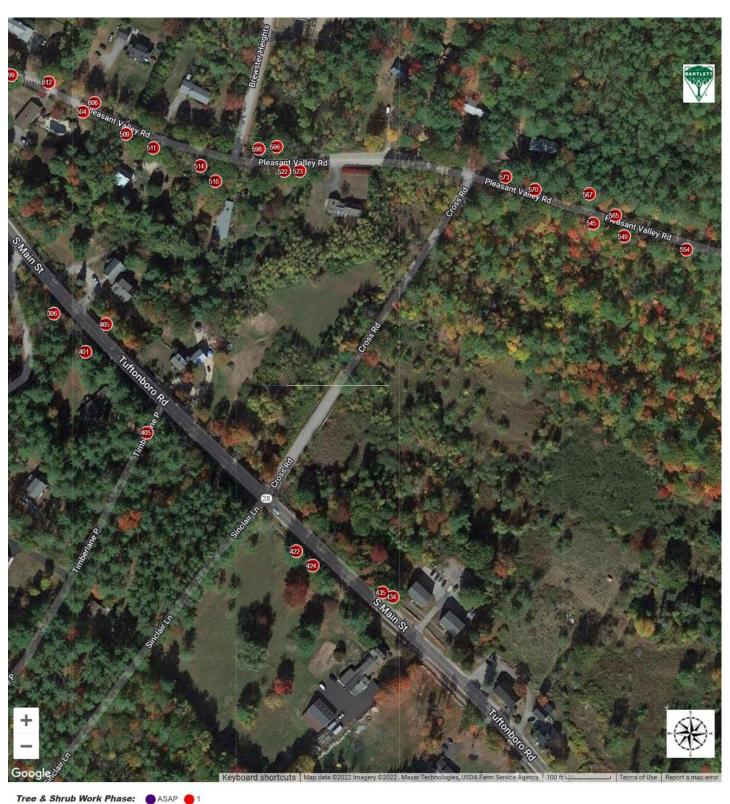
INVENTORIED TREES RECOMMENDED FOR RISK MITIGATION PRUNING (OLD MILL DRIVE)



INVENTORIED TREES RECOMMENDED FOR RISK MITIGATION PRUNING (SCOTT ROAD)



INVENTORIED TREES RECOMMENDED FOR RISK MITIGATION PRUNING (CROSS STREET)



STAND DYNAMICS RESULTS



STAND DYNAMICS RESULTS

In reviewing the results and recommendations, the reader will find useful the specifications and definitions detailed in the preceding methodology above. We used the following categories to organize the stand dynamics results, which are displayed in tables:

• Subject Trees Summarized According to:

- Tree Species Identified
- Condition Class
- o Age Class
- o Tree Size per DBH
- Estimated Tree Asset Value
- Tree Location Value

Where appropriate, we have included explanations, photos, drawings, or other information to illuminate the table contents.

Stand Dynamics

Tree Species Identified

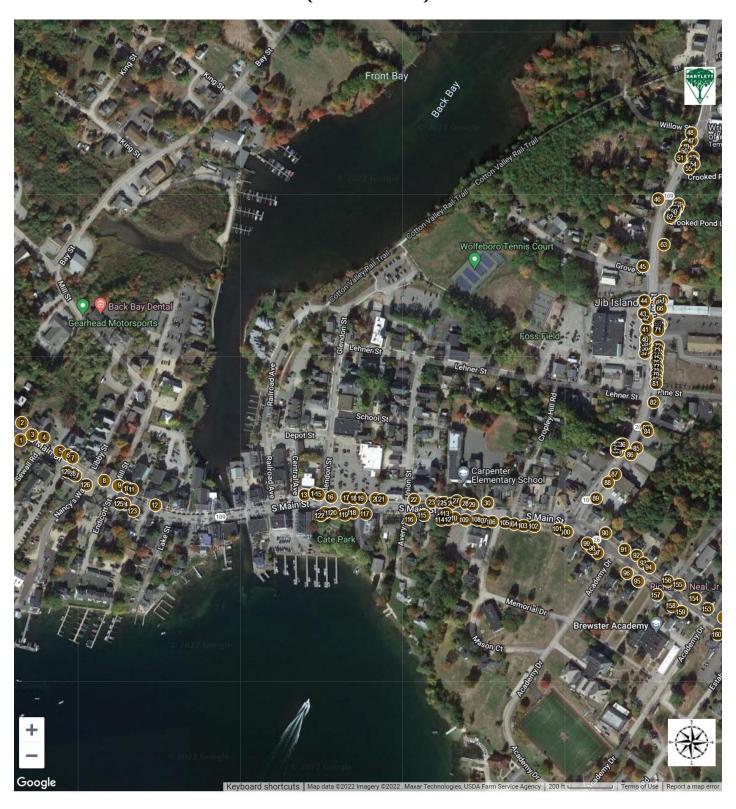
Our inventory revealed 38 species of trees, as detailed in the following table:

TREE SPECIES IDENTIFIED

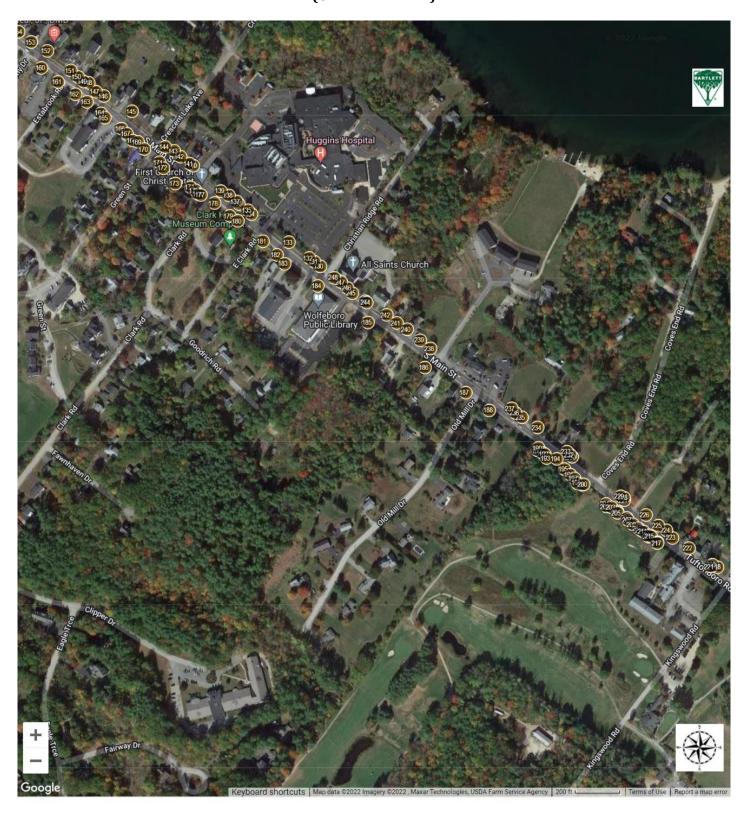
Genus	Species	Common Name	Count	% Distribution Total
	ginnala	Maple-Amur	1	< 1%
Acer	platanoides	Maple-Norway	115	17%
	rubrum	Maple-Red	72	11%
Acer	saccharinum	Maple-Silver	3	< 1%
	saccharum	Maple-Sugar	73	11%
	x freemanii	Maple-Freeman's	3	< 1%
Acer Total			267	40%
Aesculus	hippocastanum	Horsechestnut-Common	1	< 1%
Ailanthus	altissima	Tree of Heaven	1	< 1%
Betula	papyrifera	Birch-Paper	1	< 1%
Беши	populifolia	Birch-Gray	1	< 1%
Betula Tot	al		2	< 1%
Carya	ovata	Hickory-Shagbark	3	< 1%
Cornus	kousa	Dogwood-Kousa	2	< 1%
Fraxinus	americana	Ash-White	105	16%
Fruxilius	pennsylvanica	Ash-Green	15	2%
Fraxinus T	otal		120	18%
Gleditsia	triacanthos var. inermis	Honeylocust-Thornless Common	5	1%
Magnolia	sp.	Magnolia	1	< 1%
Malus	sp.	Crabapple	6	1%
	abies	Spruce-Norway	4	1%
Picea	glauca	Spruce-White	1	< 1%
	pungens	Spruce-Colorado Blue	2	< 1%
Picea Tota	ıl		7	1%
Pinus	nigra	Pine-Austrian	1	< 1%
Fillus	strobus	Pine-Eastern White	90	14%
Pinus Tota	al		91	14%
Populus	deltoides	Poplar-Eastern	2	< 1%
Fopulus	grandidentata	Poplar-Bigtooth Aspen	6	1%
Populus Total			8	1%
Prunus	serotina	Cherry-Black	34	5%
Pyrus	calleryana	Pear-Callery	22	3%
	alba	Oak-White	9	1%
Quercus	palustris	Oak-Pin	1	< 1%
Quercus	rubra	Oak-Northern Red	42	6%
	velutina	Oak-Black	1	< 1%

Genus	Species	Common Name	Count	% Distribution Total
Quercus Total			53	8%
Robinia	pseudoacacia	Locust-Black	5	1%
Curinga	reticulata	Lilac-Japanese Tree	1	< 1%
Syringa sp.		Lilac	1	< 1%
Syringa Total			2	< 1%
Taxus	sp.	Yew	1	< 1%
Thuja	plicata	Arborvitae-Western Redcedar	2	< 1%
Tilia	cordata	Linden-Littleleaf	1	< 1%
Tsuga	canadensis	Hemlock-Canadian	4	1%
Ulmus	americana	Elm-American	23	3%
Grand Tot	tal		661	100%

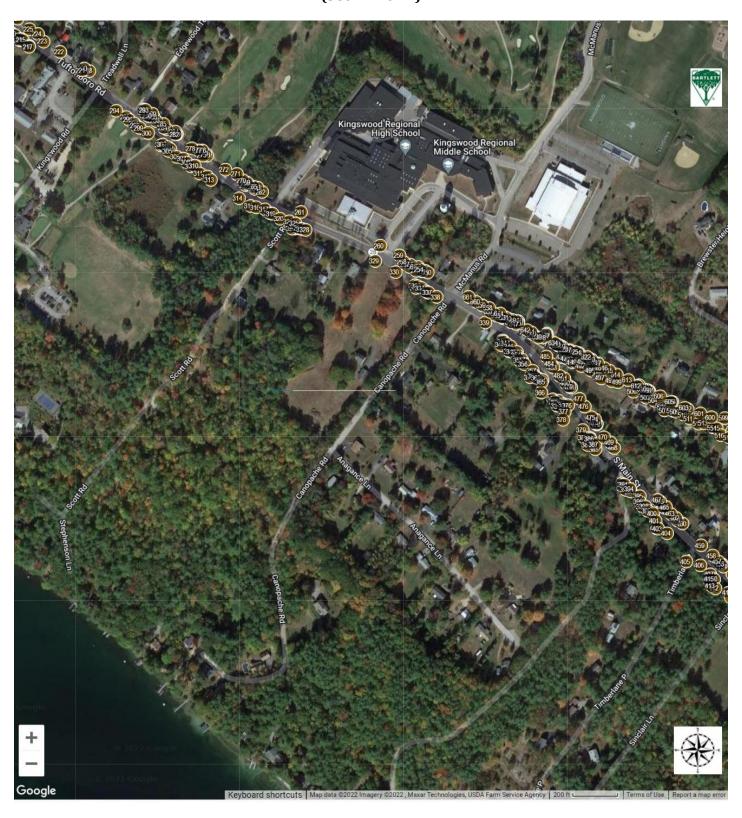
2022 TREE INVENTORY (CENTER STREET)



2022 TREE INVENTORY (OLD MILL DRIVE)



2022 TREE INVENTORY (SCOTT ROAD)



2022 TREE INVENTORY (CROSS ROAD)

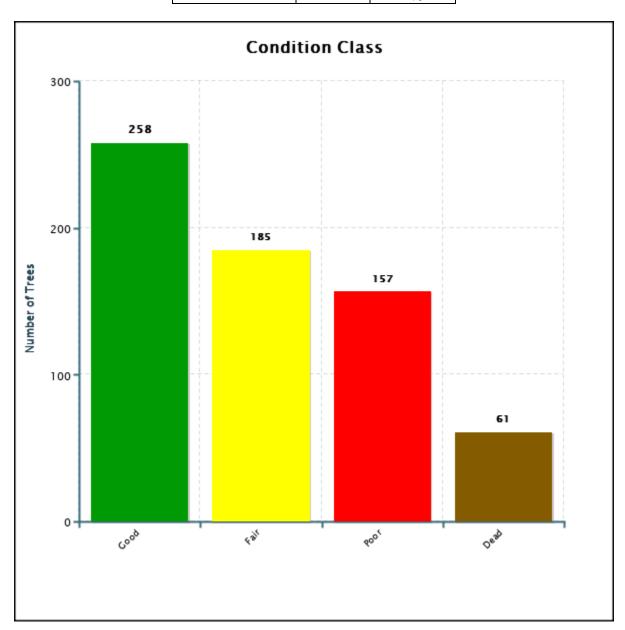


Condition Class

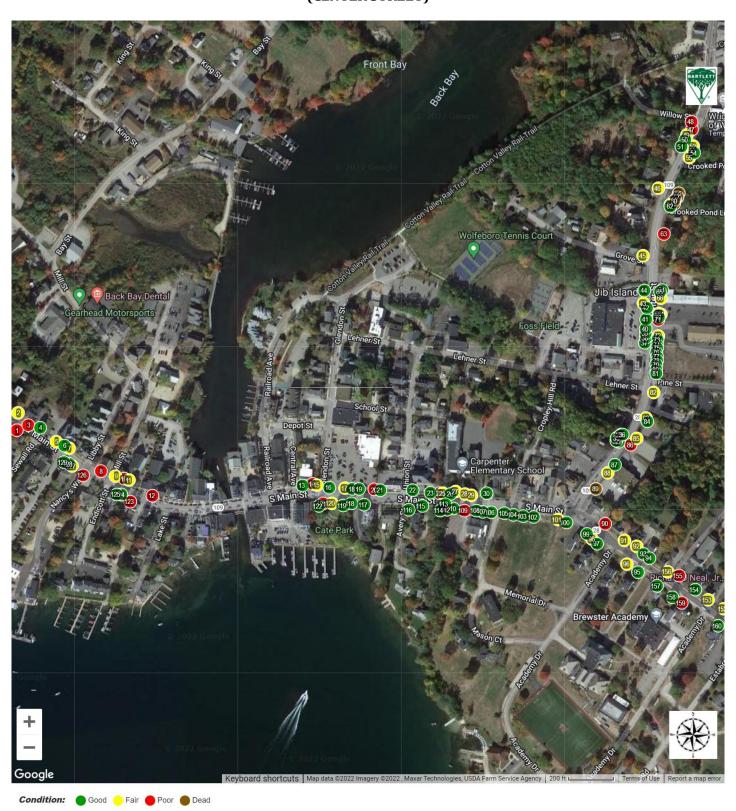
The breakdown of tree condition follows:

CONDITION CLASS BREAKDOWN

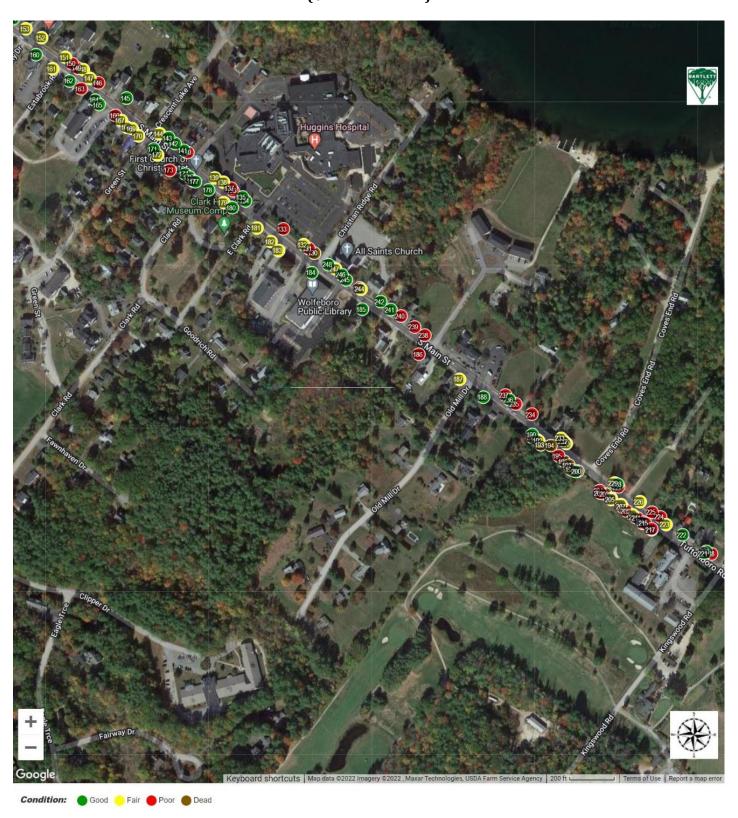
Condition Class	Quantity	% of Total	
Good	258	39%	
Fair	185	28%	
Poor	157	24%	
Dead	61	9%	



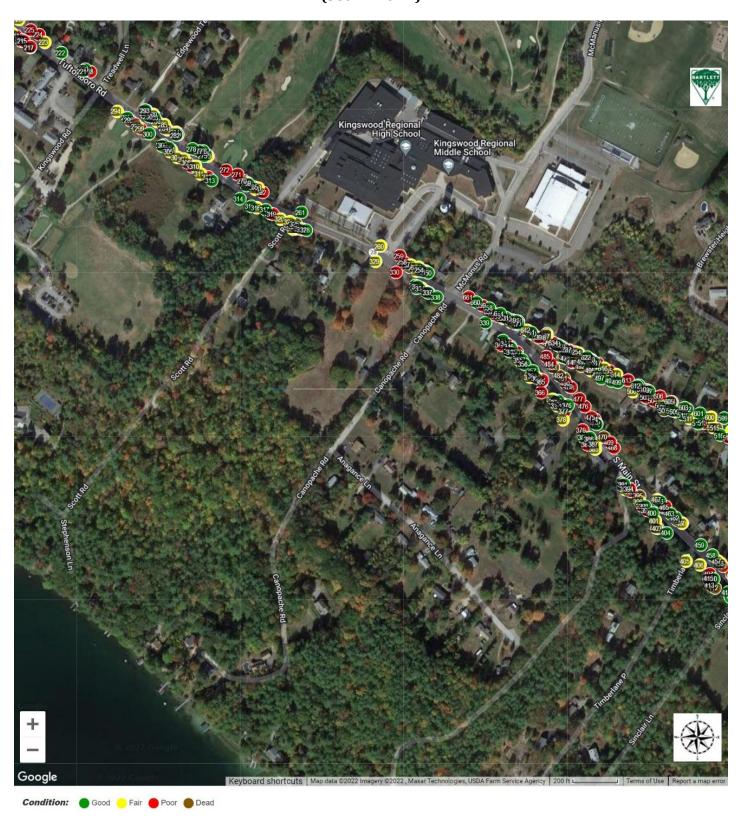
INVENTORIED TREES BY CONDITION CLASS (CENTER STREET)



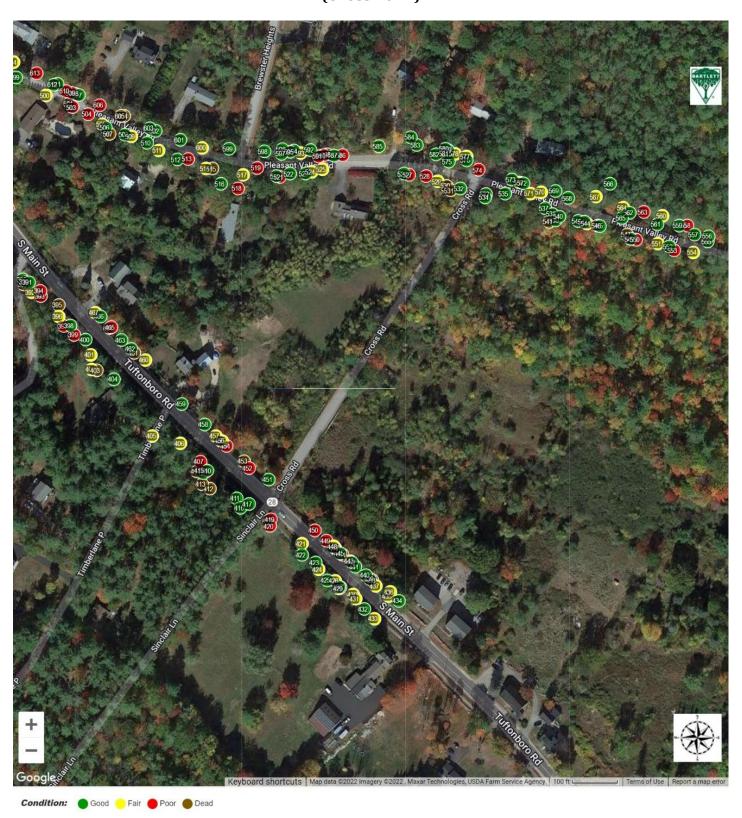
INVENTORIED TREES BY CONDITION CLASS (OLD MILL DRIVE)



INVENTORIED TREES BY CONDITION CLASS (SCOTT ROAD)



INVENTORIED TREES BY CONDITION CLASS (CROSS ROAD)

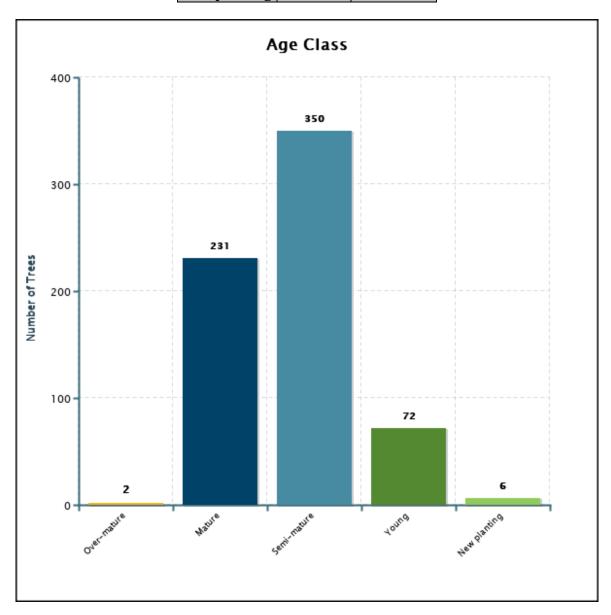


Age Class

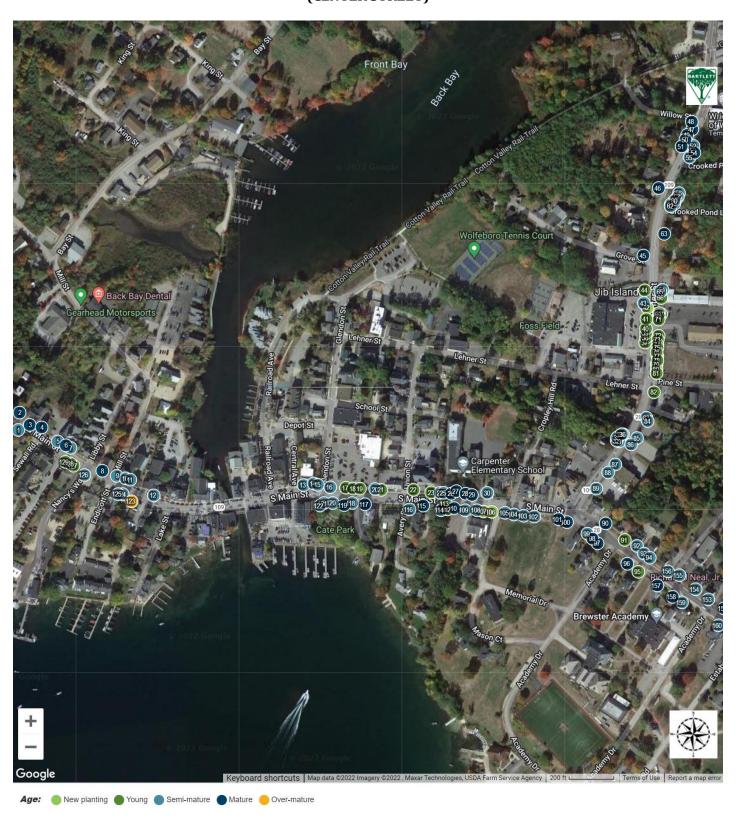
The breakdown of tree age class follows:

AGE CLASS BREAKDOWN

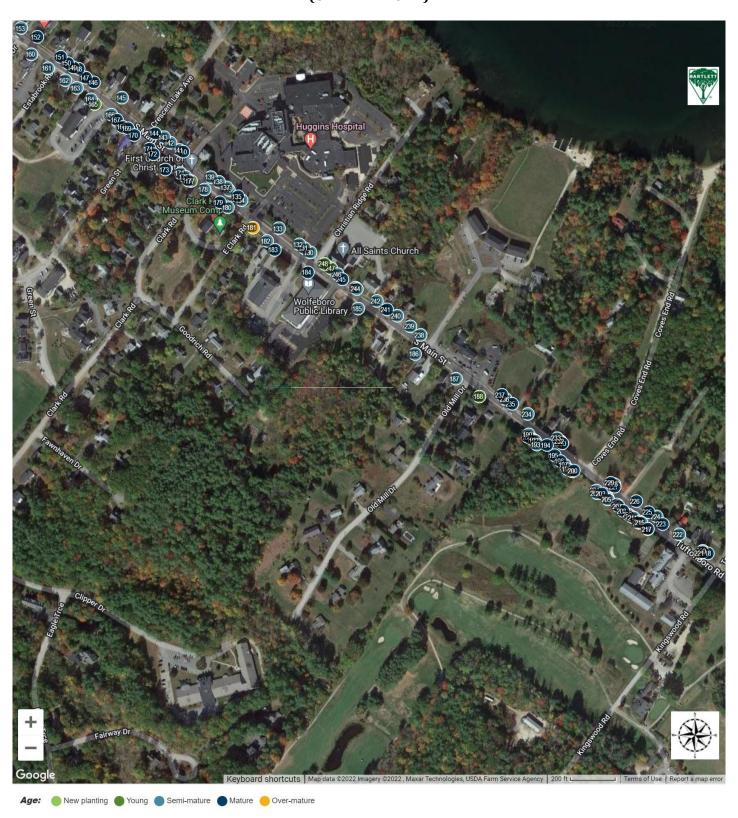
Age Class	Quantity	% of Total	
Over-mature	2	< 1%	
Mature	231	35%	
Semi-mature	350	53%	
Young	72	11%	
New planting	6	1%	



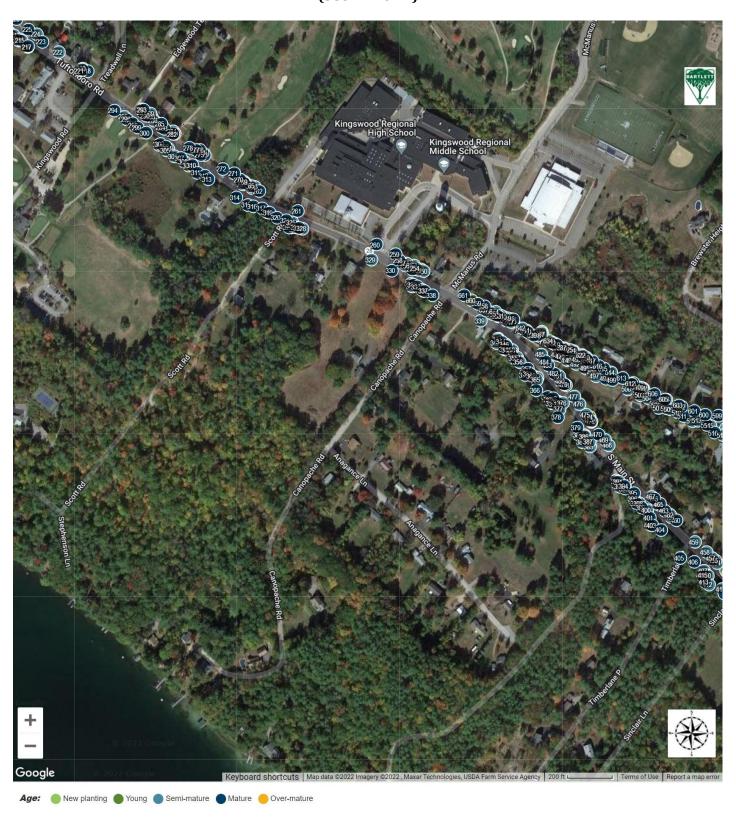
INVENTORIED TREES BY AGE CLASS (CENTER STREET)



INVENTORIED TREES BY AGE CLASS (OLD MILL ROAD)



INVENTORIED TREES BY AGE CLASS (SCOTT ROAD)

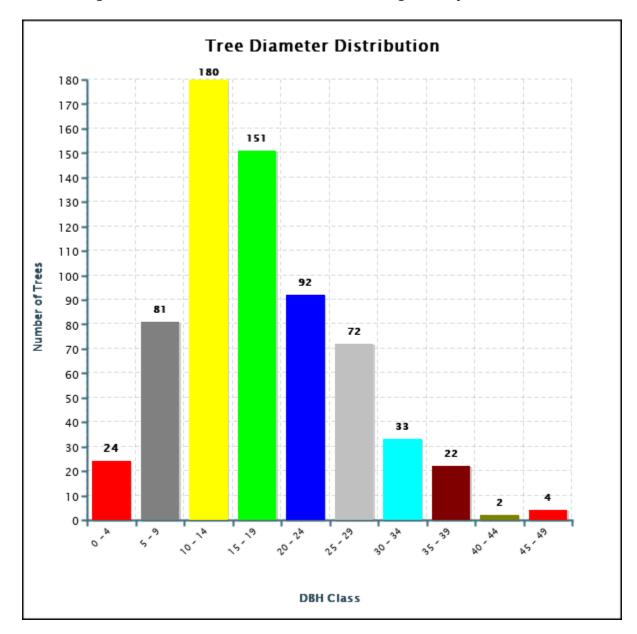


INVENTORIED TREES BY AGE CLASS (CROSS ROAD)



Tree Size (DBH)

The following chart illustrates numbers of trees according to size per DBH:



Estimated Tree Asset Value

As part of the Bartlett inventory process, we have included an Estimated Tree Asset Value for each tree and a cumulative total for all trees inventoried. We use an average per square inch nursery price, size (DBH), species factor, condition factor, and location factor to estimate the tree asset value. This is not intended to replace a tree appraisal.

The following data fields are used in this formula:

Data Field	Description	
Average Per Square Inch Nursery Price	Based on the average nursery prices for two common tree species and one exotic tree species within a region, then taking the average of those three as the average per square inch price for the region	
Size	Based on tree DBH (4.5 feet above grade)	
Species Factor	Relative species desirability based on 100% for the tree in that geographical location. In most cases, species desirability ratings, published by the International Society of Arboriculture, are used for adjustment.	
Condition Factor Rating of the tree's structure and health based on 10		
Location Factor	Average rating for the site and the tree's contribution and placement, based on 100%	

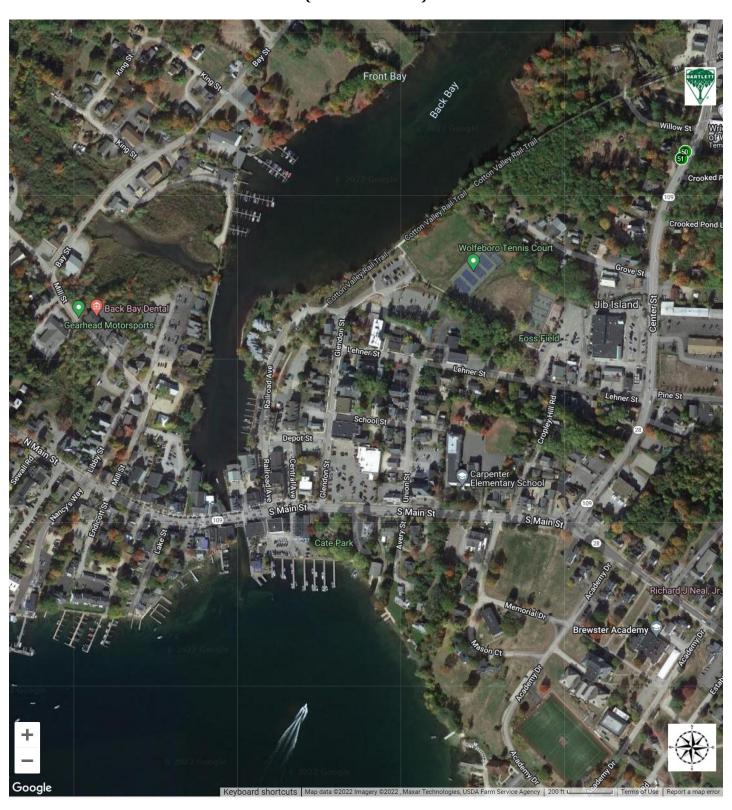
Estimated Tree Asset Value = (Average Per Square Inch Nursery Price*Size)*Species Factor*Condition Factor*Location Factor

The estimated cumulative total value for all trees inventoried is **\$4,059,585.73**. The following table lists the ten trees with the highest Tree Asset Values:

TOP TEN TREES - HIGHEST ESTIMATED TREE ASSET VALUE

Tree ID	Common Name	Genus	Species	DBH	Tree Asset Value
516	Oak-Northern Red	Quercus	rubra	23,21,19,16,16,10	\$56,800.00
278	Pine-Eastern White	Pinus	strobus	45	\$45,086.00
498	Oak-Northern Red	Quercus	rubra	23,22,21	\$42,505.00
50	Oak-White	Quercus	alba	38	\$39,573.00
596	Oak-Northern Red	Quercus	rubra	27,23	\$36,775.00
51	Oak-White	Quercus	alba	36	\$36,258.00
260	Oak-White	Quercus	alba	45	\$35,993.00
582	Oak-Northern Red	Quercus	rubra	35	\$34,563.00
579	Oak-Northern Red	Quercus	rubra	35	\$34,563.00
422	Pine-Eastern White	Pinus	strobus	37	\$33,935.00

TOP TEN TREES - HIGHEST TREE ASSET VALUE (CENTER STREET)



TOP TEN TREES - HIGHEST TREE ASSET VALUE (SCOTT ROAD)



TOP TEN TREES - HIGHEST TREE ASSET VALUE (CROSS ROAD)



Tree Location Value

Each assessed tree was assigned a location value of good, fair, or poor. Sixty three trees (10%) were assigned a location value of fair or poor due to present or anticipated conflicts with infrastructure or utilities. Trees with conflicts that can easily be mitigated with a one-time raise or reduction prune were not classified as existing in a fair or poor location.

Six trees (1%) were assigned a location value of poor and are recommended for removal in the Tree Removal Section. These recommendations are made without consideration to tree health or the presence/absence of defects. Six trees (1%) were assigned a location value of fair and were recommended for removal due to condition, defects, and/or risk. It is recommended that the remaining 51 trees (8%) with fair or poor location values and not recommended for removal continue to be monitored for intolerable levels of conflict with the surrounding infrastructure. If the level of conflict continues to increase and cannot be easily mitigated, a removal and replacement program should be considered for these trees. If removal and replacement is deemed appropriate, please consult with your local Bartlett Arborist Representative for information on desirable replacement plantings.



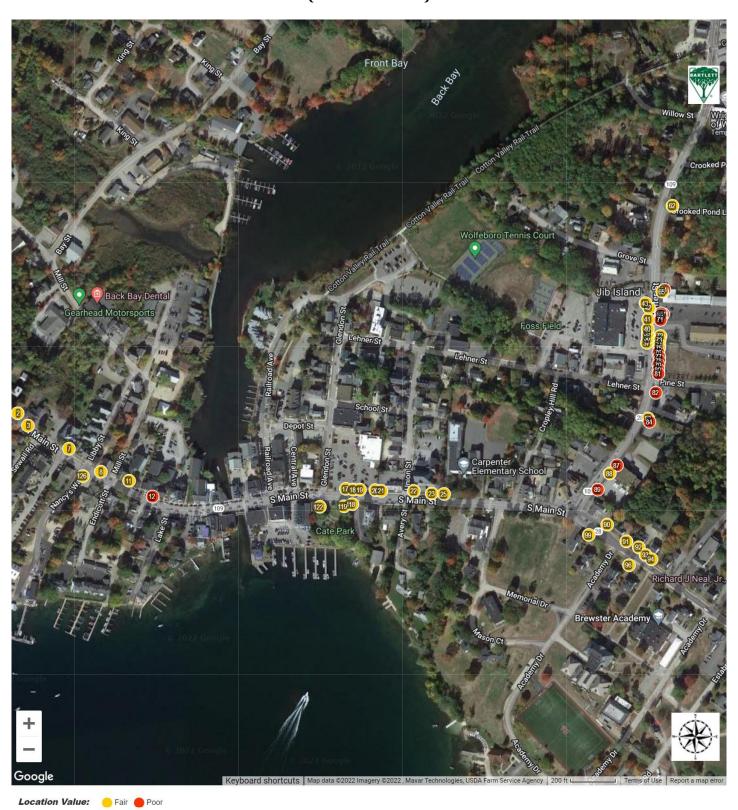
Trees #76-81 with poor location value because they are planted directly below overhead lines.

INVENTORIED TREES WITH A FAIR OR POOR LOCATION VALUE (63 Trees)

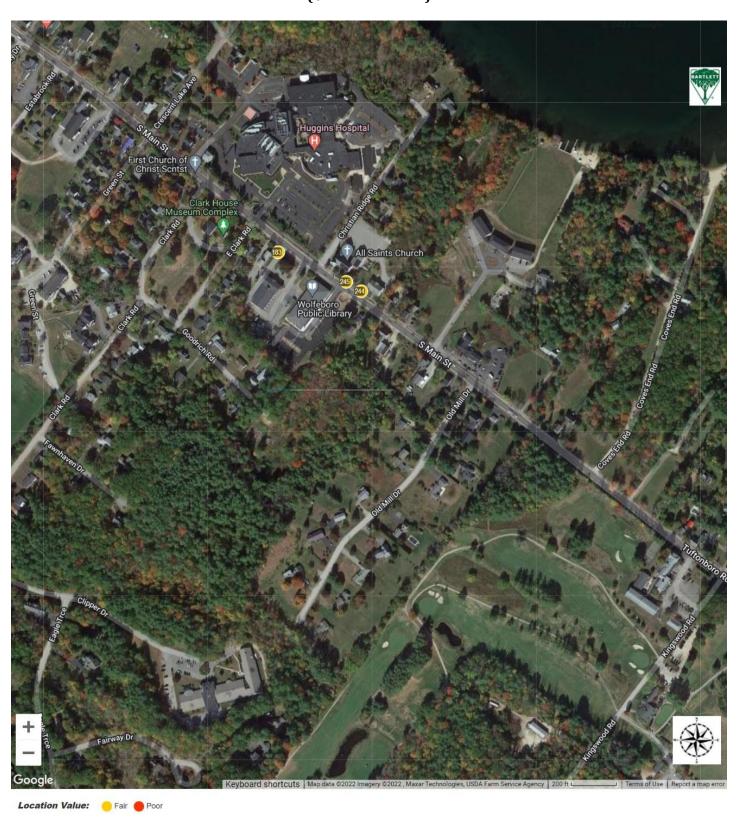
Tree ID	Common Name	Location Value	DBH
12	Tree of Heaven	Poor	12
64	Pine-Austrian	Poor	12
67	Pear-Callery	Poor	6
68	Pear-Callery	Poor	4
69	Pear-Callery	Poor	6
70	Pear-Callery	Poor	6
71	Pear-Callery	Poor	6
76	Pear-Callery	Poor	6
77	Pear-Callery	Poor	3
78	Pear-Callery	Poor	3
79	Pear-Callery	Poor	3
80	Pear-Callery	Poor	3
81	Pear-Callery	Poor	3
82	Maple-Amur	Poor	4
84	Maple-Norway	Poor	11
87	Crabapple	Poor	11
89	Maple-Norway	Poor	10
575	Elm-American	Poor	5
641	Spruce- Norway	Poor	6
642	Spruce- Norway	Poor	10
2	Maple-Red	Fair	27
3	Maple-Red	Fair	29
7	Maple-Norway	Fair	19
8	Maple-Red	Fair	24
11	Spruce-Colorado Blue	Fair	15
17	Elm-American	Fair	5
18	Elm-American	Fair	5
19	Elm-American	Fair	6
20	Maple-Norway	Fair	11
21	Maple-Sugar	Fair	2
22	Elm-American	Fair	7
23	Elm-American	Fair	7
25	Maple-Norway	Fair	20

Tree	Common	Location	DBH
ID	Name	Value	2
37	Pear-Callery	Fair	3
38	Pear-Callery	Fair	3
39	Pear-Callery	Fair	3
40	Pear-Callery	Fair	3
41	Pear-Callery	Fair	3
42	Pear-Callery	Fair	3
43	Maple-Red	Fair	10
62	Oak-Northern Red	Fair	18
65	Crabapple	Fair	12
72	Pear-Callery	Fair	6
73	Pear-Callery	Fair	3
74	Pear-Callery	Fair	3
75	Pear-Callery	Fair	4
83	Maple-Sugar	Fair	14
88	Lilac	Fair	5
90	Ash-Green	Fair	21
91	Maple-Norway	Fair	5
92	Maple-Norway	Fair	20
93	Maple-Norway	Fair	12
94	Maple-Norway	Fair	20
96	Ash-Green	Fair	33
99	Maple-Norway	Fair	16
118	Honeylocust- Thornless Common	Fair	12
119	Honeylocust- Thornless Common	Fair	21
122	Arborvitae- Western Redcedar	Fair	17
126	Ash-Green	Fair	18
183	Maple-Red	Fair	26
244	Maple-Norway	Fair	18
245	Maple-Norway	Fair	19
252	Ash-White	Fair	25

INVENTORIED TREES WITH A FAIR OR POOR LOCATION VALUE (CENTER STREET)



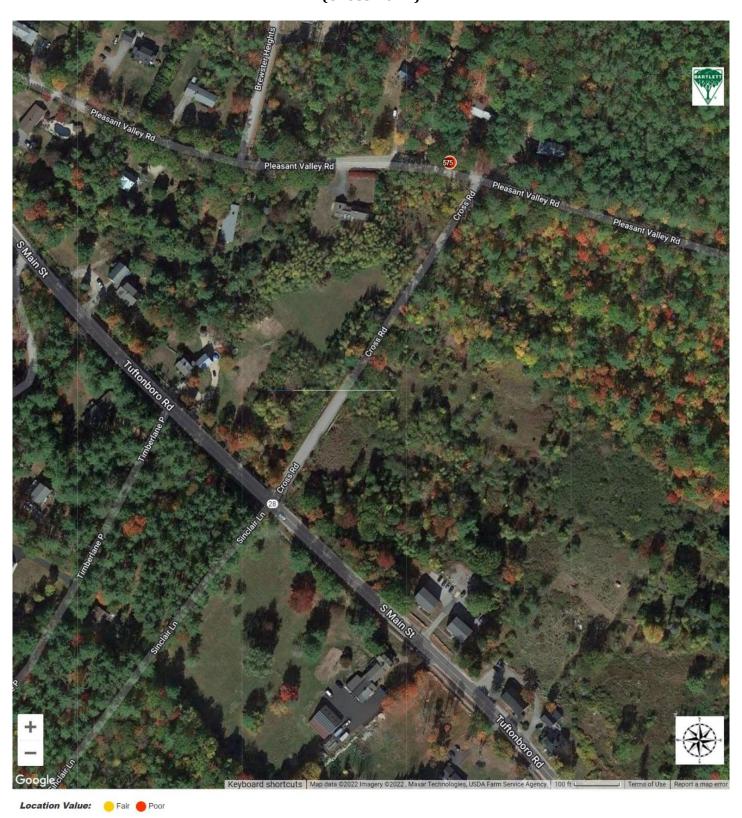
INVENTORIED TREES WITH A FAIR OR POOR LOCATION VALUE (OLD MILL DRIVE)



INVENTORIED TREES WITH A FAIR OR POOR LOCATION VALUE (SCOTT ROAD)



INVENTORIED TREES WITH A FAIR OR POOR LOCATION VALUE (CROSS ROAD)



RECOMMENDATIONS



RECOMMENDATIONS

In reviewing the results and recommendations, the reader will find useful the specifications and definitions detailed in the preceding methodology. We used the following categories to organize the results and recommendations, which are displayed in tables:

Recommendations

- Soil Care
- Root Collar Excavation
- Plant Health Care
- Tree Pruning
- Structural Support Systems
- Lightning Protection Systems
- Tree Removal
- Vine Removal

Soil Care

Healthy soil is critical to the health and longevity of trees. Soil provides trees with the essential nutrients required for their growth. Many secondary problems such as reduced vigor, inadequate growth, branch dieback, and pest or disease concerns are related to the primary stress of poor soil conditions. Undisturbed, native forest soils generally contain adequate levels of organic matter, soil microbes, and nutrients. Urban, suburban, and landscape soils (as opposed to forest soils) usually lack these qualities, and are often compacted. In many cases, trees in a landscaped environment suffer from inadequate soil fertility, soil compaction, root zone competition with turf grasses, and inadequate total soil volume. Soil Care treatments should be applied as soon as possible, therefore they do not have a Tree & Shrub Work phase.

Bartlett Tree Experts recommends several procedures and treatments that address soil quality. Taking soil samples is perhaps the most important. Proper tree care cannot be initiated unless it is known what type of soil environment the trees are growing in. Soil testing results can help to create a path forward for improved tree health. We address some of these below.

Soil Sampling

Collecting soil samples and having them tested helps determine nutrients that may be lacking, unfavorable soil pH values, and adequacy of soil organic matter. Laboratory tests and analyses can determine the need for soil amendments.

Bulk Density

Compacted soils are regrettably common in the urban setting. A bulk density test, which requires an undisturbed core sample, measures the level of soil compaction. Arborists can use the results to diagnose problems or to determine what size holes to dig for planting. If soil density exceeds a measured threshold for a given soil type and tree species, we recommend Bartlett's Root Invigoration™ program.

Soil Rx®

Bartlett's Soil Rx® program, which is a prescription soil amendment program, aims to correct nutrient deficiencies and optimize soil conditions for designated trees.

Root Invigoration™

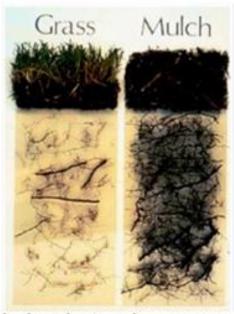
The aim of Bartlett's patented Root Invigoration™ Program is to improve soil conditions by addressing soil compaction and promoting efficient root growth, especially for high-value trees in disturbed areas. The process includes taking soil samples to determine what nutrients are deficient, performing a root collar excavation, "air-tilling" a portion of the root zone to find fine roots, incorporating organic matter, applying soil amendments (based on soil sample), and applying mulch. The area of the root system treated can vary by tree. For the Root Invigoration™ Program to be successful, proper watering techniques must be employed after the process is complete.

Mulch Application

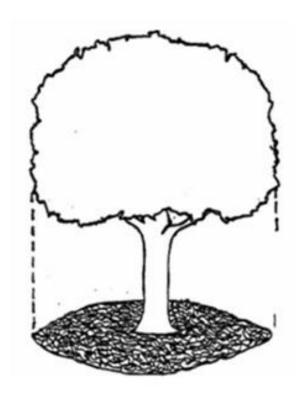
Proper mulching (top left and bottom left) provides many benefits to trees and shrubs. It moderates soil temperatures, reduces soil moisture loss, reduces soil compaction, provides nutrients, and improves soil structure. This practice results in more root growth and healthier plants. The image on the top right illustrates root growth density under grass versus mulch. Mulch is frequently applied incorrectly (bottom right), so we recommend that readers inspect the technical report on mulch application guidelines that appears in the Appendix.



Example of how mulch should be installed, 2-4 inches thick and not against the trunk.



Example of root density under grass versus mulch.



Example of how mulch should be applied from the trunk to the dripline.



Example of improper mulch application, known as "volcano mulch".

The following inventoried trees are recommended for soil care because of possible nutrient deficiencies, soil compaction, or inadequate soil conditions:

INVENTORIED TREES RECOMMENDED FOR SOIL CARE (41 Trees)

Tree ID	Common Name	DBH	Soil Care	Mulch Recommended
15	Maple-Norway	10	Fertilization	
17	Elm-American	5	• Fortifite	
18	Elm-American	5	• Fortifite	
19	Elm-American	6	• Fortifite	
21	Maple-Sugar	2	• Fortifite	
22	Elm-American	7	• Fortifite	
23	Elm-American	7	• Fortifite	
37	Pear-Callery	3	• Fortifite	
38	Pear-Callery	3	• Fortifite	
39	Pear-Callery	3	• Fortifite	
41	Pear-Callery	3	• Fortifite	
43	Maple-Red	10	• Fortifite	
44	Crabapple	6	• Fertilization	
66	Hemlock-Canadian	9	 Fertilization 	
67	Pear-Callery	6	• Fortifite	
68	Pear-Callery	4	• Fortifite	
69	Pear-Callery	6	• Fortifite	
70	Pear-Callery	6	• Fortifite	
72	Pear-Callery	6	• Fortifite	
73	Pear-Callery	3		Yes
74	Pear-Callery	3		Yes
85	Maple-Norway	13		Yes
88	Lilac	5,5,4,4	 Fertilization 	
91	Maple-Norway	5	 Fertilization 	
98	Maple-Norway	21		Yes
99	Maple-Norway	16		Yes
101	Maple-Red	31		Yes
103	Maple-Norway	24		Yes
104	Maple-Norway	15		Yes
105	Maple-Norway	19		Yes
108	Maple-Norway	19		Yes
110	Maple-Norway	28		Yes
116	Maple-Red	14	Fortifits	Yes
127	Dogwood-Kousa	4 11	• Fortifite	
132	Maple Norway		Fertilization	Was
142 143	Maple-Norway Maple-Norway	16 15		Yes Yes
154	Crabapple	13	Fertilization	
134	Crabappie	13	• refullzation	•••

Tree ID	Common Name	DBH	Soil Care	Mulch Recommended
159	Maple-Norway	16	 Fertilization 	
161	Maple-Norway	16	 Fertilization 	
165	Pear-Callery	7		Yes

INVENTORIED TREES RECOMMENDED FOR SOIL CARE (CENTER STREET)



INVENTORIED TREES RECOMMENDED FOR SOIL CARE (OLD MILL DRIVE)



Root Collar Excavation

Excavating the root collar is necessary for trees whose buttress roots are covered by excess soil or mulch. Buried root collars can contribute to tree health problems, including girdling roots, basal cankers, and masking root and lower stem decay. Trees in the root collar excavation table do not have a Tree & Shrub Work phase and should be completed as soon as possible. The top image shows a buried root collar and the bottom image shows an exposed root collar.



Example of a buried root collar.



Example of an exposed root collar.

Girdling Roots

Girdling roots (top left and right) restrict water and nutrient movement throughout the tree. If left untreated they can cause the tree to decline, fail (bottom), and eventually die in severe cases. Girdling roots should be removed as soon as possible, unless removal of roots will significantly impact the condition or stability of the tree. In some cases, the presence of significant or severe girdling roots may cause the tree to be recommended for removal.





Examples of girdling roots.



Example of tree failure from girdling roots.

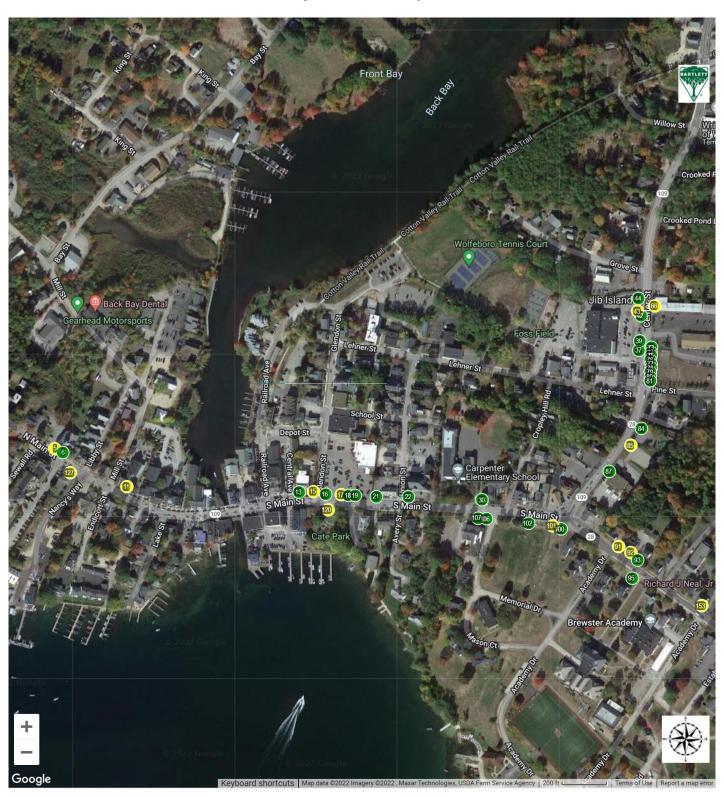
The following trees are recommended for a root collar excavation:

INVENTORIED TREES RECOMMENDED FOR A ROOT COLLAR EXCAVATION (71 Trees)

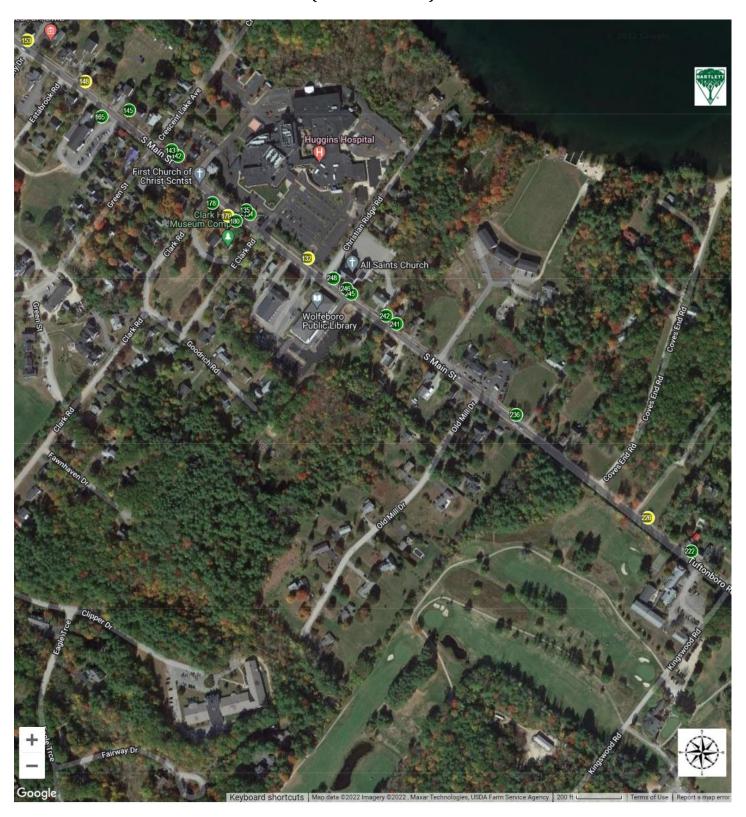
Tree ID	Common Name	DBH	Root Collar Observation
5	Maple-Norway	20	Buried root collar
6	Maple-Norway	21	Buried root collar
11	Spruce-Colorado Blue	15	Buried root collar
13	Maple-Norway	13	Girdling roots present
15	Maple-Norway	10	Buried root collar
16	Honeylocust- Thornless Common	10	Buried root collar
17	Elm-American	5	Buried root collar
18	Elm-American	5	Buried root collar
19	Elm-American	6	Buried root collar
21	Maple-Sugar	2	Buried root collar
22	Elm-American	7	Buried root collar
30	Maple-Norway	14	Buried root collar
37	Pear-Callery	3	Buried root collar
39	Pear-Callery	3	Buried root collar
42	Pear-Callery	3	Buried root collar
43	Maple-Red	10	Buried root collar
44	Crabapple	6	Buried root collar
66	Hemlock-Canadian	9	 Girdling roots present
73	Pear-Callery	3	Buried root collar
74	Pear-Callery	3	Buried root collar
75	Pear-Callery	4	Buried root collar
76	Pear-Callery	6	Buried root collar
77	Pear-Callery	3	Buried root collar
78	Pear-Callery	3	Buried root collar
79	Pear-Callery	3	Buried root collar
80	Pear-Callery	3	 Buried root collar
81	Pear-Callery	3	Buried root collar
84	Maple-Norway	11	Buried root collar
85	Maple-Norway	13	Buried root collar
87	Crabapple	11	Buried root collar
91	Maple-Norway	5	Buried root collar
92	Maple-Norway	20	Buried root collar
93	Maple-Norway	12	Buried root collar
95	Elm-American	10	Buried root collar
100	Maple-Red	36	Buried root collar
101	Maple-Red	31	Buried root collar
102	Maple-Norway	19	Buried root collar

Tree ID	Common Name	DBH	Root Collar Observation
106	Maple-Sugar	4	Buried root collar
107	Maple-Sugar	4	Buried root collar
120	Crabapple	13	Buried root collar
127	Dogwood-Kousa	4	Buried root collar
132	Maple-Norway	11	Buried root collar
134	Maple-Red	10	Buried root collar
135	Maple-Freeman's	21	Buried root collar
142	Maple-Norway	16	• Girdling roots present (moderate)
143	Maple-Norway	15	Buried root collar
145	Maple-Norway	15	Buried root collar
148	Maple-Red	26	• Girdling roots present (moderate)
153	Maple-Norway	15	Buried root collar
165	Pear-Callery	7	Buried root collar
178	Oak-Pin	18	Buried root collar
179	Maple-Sugar	35	 Girdling roots present
180	Lilac-Japanese Tree	8	Buried root collar
222	Maple-Norway	19	Buried root collar
226	Maple-Red	23	• Girdling roots present (moderate)
236	Maple-Norway	13	Buried root collar
241	Maple-Norway	23	Buried root collar
242	Maple-Norway	13	Buried root collar
245	Maple-Norway	19	Buried root collar
246	Maple-Norway	16	 Buried root collar
248	Maple-Norway	9	 Girdling roots present Buried root collar
279	Maple-Red	26	 Girdling roots present
282	Pine-Eastern White	23	Girdling roots present
298	Cherry-Black	16	Buried root collar
331	Oak-White	18	Buried root collar
333	Oak-Northern Red	30	Buried root collar
417	Pine-Eastern White	11,10	Buried root collar
459	Maple-Red	14,14	Buried root collar
488	Oak-Northern Red	18	Buried root collar
499	Oak-Northern Red	29	 Girdling roots present
585	Maple-Red	25	Buried root collar

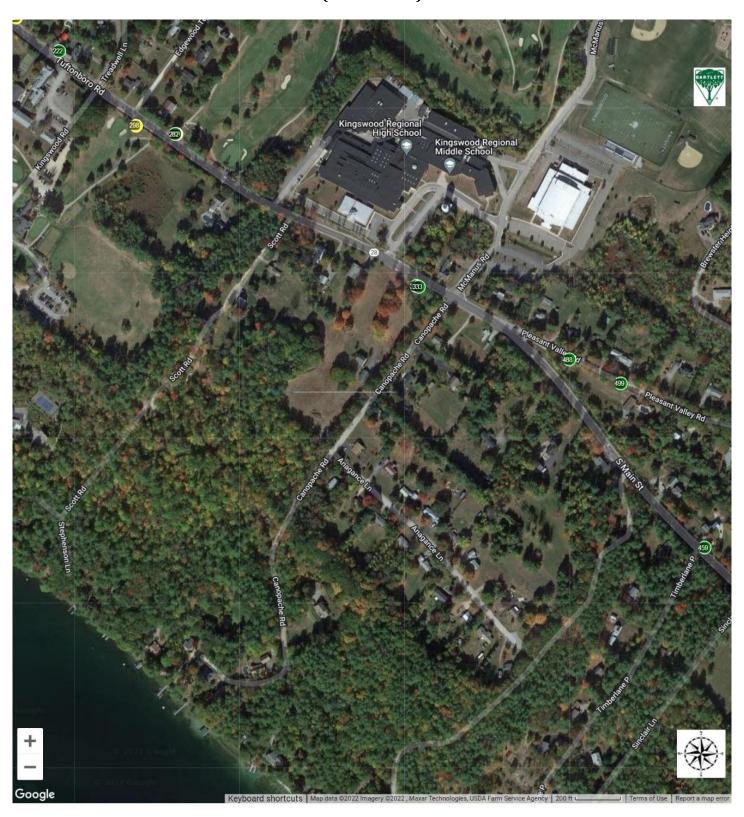
INVENTORIED TREES RECOMMENDED FOR A ROOT COLLAR EXCAVATION (CENTER STREET)



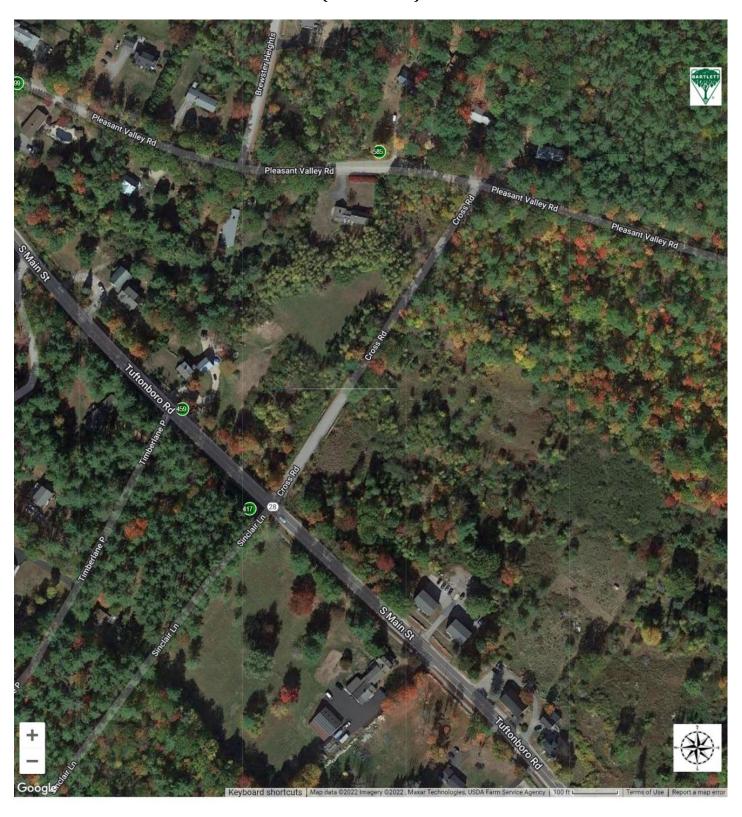
INVENTORIED TREES RECOMMENDED FOR A ROOT COLLAR EXCAVATION (OLD MILL DRIVE)



INVENTORIED TREES RECOMMENDED FOR A ROOT COLLAR EXCAVATION (SCOTT ROAD)



INVENTORIED TREES RECOMMENDED FOR A ROOT COLLAR EXCAVATION (CROSS ROAD)



Plant Health Care

The Inventory Team also recommends Plant Health Care (PHC) programs for trees in the formal landscape. In addition, an Integrated Pest Management (IPM) program monitors for potentially damaging insects, diseases and cultural problems that are often seasonal and may not have been evident during our inventory visit. Plant Health Care treatments should be applied as soon as possible, therefore they do not have a Tree & Shrub Work phase. These pests and diseases include, but are not limited to, the following:

- Anthracnose on a variety of species
- Aphids on a variety of species
- Bacterial Leaf Scorch on trees within red oak group
- Bagworms on a variety of tree species
- Boring Insects on a variety of tree species
- Caterpillar Defoliators on a variety of tree species, especially oak
- Gall Insects on a variety of species
- Lacebugs on a variety of species
- Scab and Rust Fungi on crabapple and apple species.
- Suspected Phytophthora Root Rot and Canker on a variety of tree species, especially beech species
- Scale Insects on a variety of tree species, especially oak
- Spider Mites on a variety of tree species

The most abundant pest problem noted on this inventory was Emerald Ash Borer (EAB). This devastating pest causes rapid deterioration and death of infested ash trees. Adult borers begin activity in the spring (approximately early May to mid-June) and larvae from these adults can be feeding in as little time as a month later. Larvae consume bark and sapwood, creating winding galleries that can be seen once bark begins to exfoliate in later stages of the infestation. These galleries disrupt the flow of water and nutrients throughout the tree and eventually leads to tree death if left untreated.

Telltale signs of EAB infestation are D-shaped exit holes and signs of woodpecker damage, which can be seen in the pictures below. Many trees with signs of EAB were recommended for removal, however some trees in prominent areas with low detected EAB presence were recommended for systemic EAB treatments in order to attempt preservation.



Tree #617 with Emerald Ash Borer present. This symptom, known as blonding, is a result of woodpeckers damaging tree bark while looking for larvae to feed on.



Tree #476 with Emerald Ash Borer larval galleries exposed.

We identified pests or diseases and/or provided plant health care recommendations on the following inventoried trees at the time of the inventory:

INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE (148 Trees)

Tree ID	Common Name	DBH	Plant Health Care	Pest(s) or Disease(s)
10*	Ash-White	18		• Emerald ash borer (suspected)
11	Spruce-Colorado Blue	15	Needlecast treatment	• Needlecast
37	Pear-Callery	3	Fungicide treatment	• Rust
38	Pear-Callery	3	Fungicide treatment	• Rust
39	Pear-Callery	3	Fungicide treatment	• Rust
40	Pear-Callery	3	Fungicide treatment	• Rust
41	Pear-Callery	3	Fungicide treatment	• Rust
42	Pear-Callery	3	Fungicide treatment	• Rust
44	Crabapple	6	Fungicide treatment	• Rust
45	Spruce-Norway	37	Borer treatment	• Borers
65	Crabapple	12	Fungicide treatment	• Rust
66	Hemlock-Canadian	9	 Adelgid treatment 	Adelgid
67	Pear-Callery	6	Fungicide treatment	• Rust
68	Pear-Callery	4	 Fungicide treatment 	• Rust
69	Pear-Callery	6	Fungicide treatment	• Rust
70	Pear-Callery	6	 Fungicide treatment 	• Rust
72	Pear-Callery	6	Fungicide treatment	• Rust
73	Pear-Callery	3	Fungicide treatment	• Rust
74	Pear-Callery	3	Fungicide treatment	• Rust
75	Pear-Callery	4	Fungicide treatment	• Rust
76	Pear-Callery	6	Fungicide treatment	• Rust
77	Pear-Callery	3	Fungicide treatment	• Rust
78	Pear-Callery	3	Fungicide treatment	• Rust
79	Pear-Callery	3	Fungicide treatment	• Rust
80	Pear-Callery	3	Fungicide treatment	• Rust
81	Pear-Callery	3	Fungicide treatment	• Rust
87	Crabapple	11	Fungicide treatment	• Rust
90*	Ash-Green	21		• Emerald ash borer (suspected)
96	Ash-Green	33	EAB treatment	
120	Crabapple	13	Fungicide treatment	• Rust
126*	Ash-Green	18		• Emerald ash borer (suspected)
128	Magnolia	6	Scale treatment	• Scale
146*	Ash-Green	29		• Emerald ash borer (suspected)
154	Crabapple	13	Fungicide treatment	• Rust
161	Maple-Norway	16	Winter moth treatment	Gypsy moth
165	Pear-Callery	7	Fungicide treatment	• Rust
169	Maple-Norway	19	Winter moth treatment	Gypsy moth

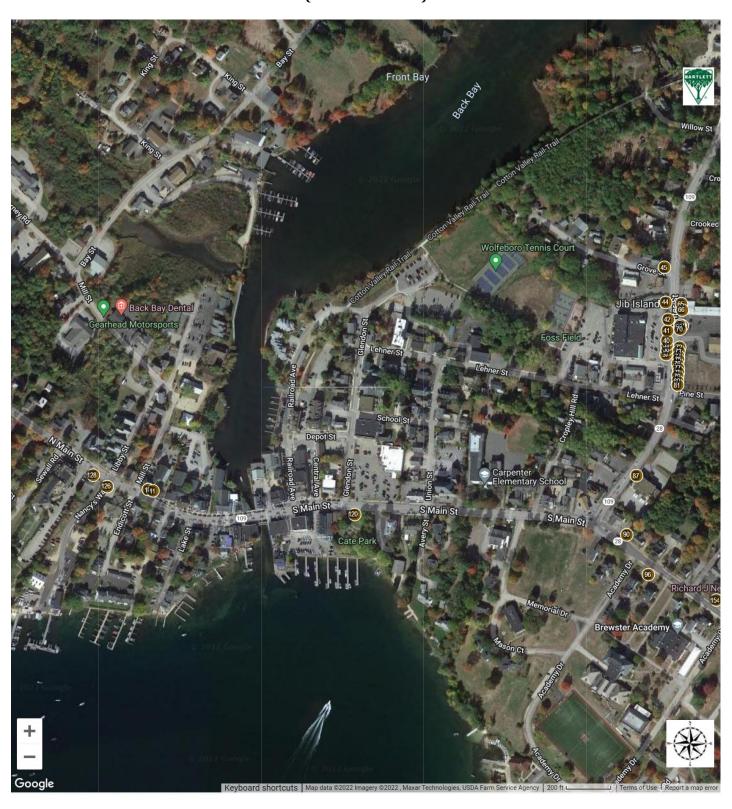
Tree ID	Common Name	DBH	Plant Health Care	Pest(s) or Disease(s)
177	Spruce-White	4	Adelgid treatment	Adelgid
186*	Ash-White	18		Emerald ash borer (suspected)
189*	Ash-White	22		Emerald ash borer (suspected)
191*	Ash-White	13		Emerald ash borer (suspected)
193*	Ash-White	18		Emerald ash borer (suspected)
194*	Ash-White	26		Emerald ash borer (suspected)
195*	Ash-White	20		Emerald ash borer (suspected)
196*	Ash-White	18		Emerald ash borer (suspected)
197*	Ash-Green	19		Emerald ash borer (suspected)
198*	Ash-Green	10		Emerald ash borer (suspected)
200*	Ash-White	21		Emerald ash borer (suspected)
201*	Ash-White	16,10,10		Emerald ash borer (suspected)
202*	Ash-White	18,16,16		Emerald ash borer (suspected)
203*	Ash-White	26		Emerald ash borer (suspected)
207*	Ash-White	26		• Emerald ash borer (suspected)
208*	Ash-White	27		Emerald ash borer (suspected)
211*	Ash-Green	8		Emerald ash borer (suspected)
214*	Ash-Green	8		Emerald ash borer (suspected)
215*	Ash-Green	10,8,8		Emerald ash borer (suspected)
216*	Ash-White	33		Emerald ash borer (suspected)
217*	Ash-White	9		Emerald ash borer (suspected)
223	Maple-Norway	25	Winter moth treatment	Gypsy moth
227*	Ash-Green	21		Emerald ash borer (suspected)
230	Ash-White	24	EAB treatment	
232	Ash-White	17	EAB treatment	
233	Spruce-Colorado Blue	19	Needlecast treatment	Needlecast
234*	Ash-White	15,14,10,14		Emerald ash borer (suspected)
235*	Ash-White	26		Emerald ash borer (suspected)
237*	Ash-Green	21		Emerald ash borer (suspected)
240*	Elm-American	12,8,8,8		Bark beetles
252*	Ash-White	25		Emerald ash borer (suspected)
256*	Ash-White	18		Emerald ash borer (suspected)
257*	Ash-White	25		Emerald ash borer (suspected)
258*	Ash-White	19		Emerald ash borer (suspected)
259*	Ash-White	22		Emerald ash borer (suspected)
270*	Ash-White	22		Emerald ash borer (suspected)
273	Ash-White	23	EAB treatment	
284	Hemlock-Canadian	17	Adelgid treatment	Adelgid
293	Ash-White	19	EAB treatment	
295	Crabapple	8	Fungicide treatment	• Rust
302*	Ash-White	21		Emerald ash borer (suspected)
309*	Ash-White	7		Emerald ash borer (suspected)
322*	Ash-Green	16		Emerald ash borer (suspected)
327*	Ash-White	21		 Emerald ash borer (suspected)

Tree ID	Common Name	DBH	Plant Health Care	Pest(s) or Disease(s)
330*	Ash-White	22		• Emerald ash borer (suspected)
341*	Ash-White	15		Emerald ash borer (suspected)
342*	Ash-White	11		Emerald ash borer (suspected)
343*	Ash-White	19,7,7		Emerald ash borer (suspected)
344*	Ash-White	10,7,7		Emerald ash borer (suspected)
347*	Ash-Green	15,6,5,6		Emerald ash borer (suspected)
350*	Ash-White	14		Emerald ash borer (suspected)
352*	Ash-White	10		Emerald ash borer (suspected)
361*	Ash-White	10,8,8		Emerald ash borer (suspected)
364*	Ash-White	12		Emerald ash borer (suspected)
365*	Ash-White	6		Emerald ash borer (suspected)
366*	Ash-White	21		Emerald ash borer (suspected)
373*	Ash-White	6		Emerald ash borer (suspected)
374*	Ash-White	9		Emerald ash borer (suspected)
377*	Ash-White	15,14,14		Emerald ash borer (suspected)
383*	Ash-White	18		Emerald ash borer (suspected)
386*	Ash-White	10		Emerald ash borer (suspected)
446*	Ash-White	7		Emerald ash borer (suspected)
447*	Ash-White	8		Emerald ash borer (suspected)
448*	Ash-White	13		Emerald ash borer (suspected)
450*	Cherry-Black	10,9,9,4,9		Black knot
460	Cherry-Black	19		Black knot
469*	Ash-White	13,11,11		Emerald ash borer (suspected)
483*	Ash-White	26		Emerald ash borer (suspected)
484*	Ash-White	17		Emerald ash borer (suspected)
494*	Ash-White	11,9,6,9		Emerald ash borer (suspected)
495*	Ash-White	9,8,8		Emerald ash borer (suspected)
500	Ash-White	11	• EAB treatment	
502*	Ash-White	10		Emerald ash borer (suspected)
503*	Ash-White	6		Emerald ash borer (suspected)
505*	Ash-White	10		Emerald ash borer (suspected)
512	Cherry-Black	12		Black knot
513*	Ash-White	18		Emerald ash borer (suspected)
517*	Ash-White	9		Emerald ash borer (suspected)
525*	Ash-White	7		Emerald ash borer (suspected)
553*	Ash-White	8		Emerald ash borer (suspected)
574*	Ash-White	37		Emerald ash borer (suspected)
589*	Ash-White	10		• Emerald ash borer (suspected)
593*	Ash-White	15		Emerald ash borer (suspected)
604*	Ash-White	38		• Emerald ash borer (suspected)
605*	Ash-White	37		Emerald ash borer (suspected)
608*	Ash-White	11,10,10,10		• Emerald ash borer (suspected)
609*	Ash-White	13		Emerald ash borer (suspected)
610*	Ash-White	9		Emerald ash borer (suspected)

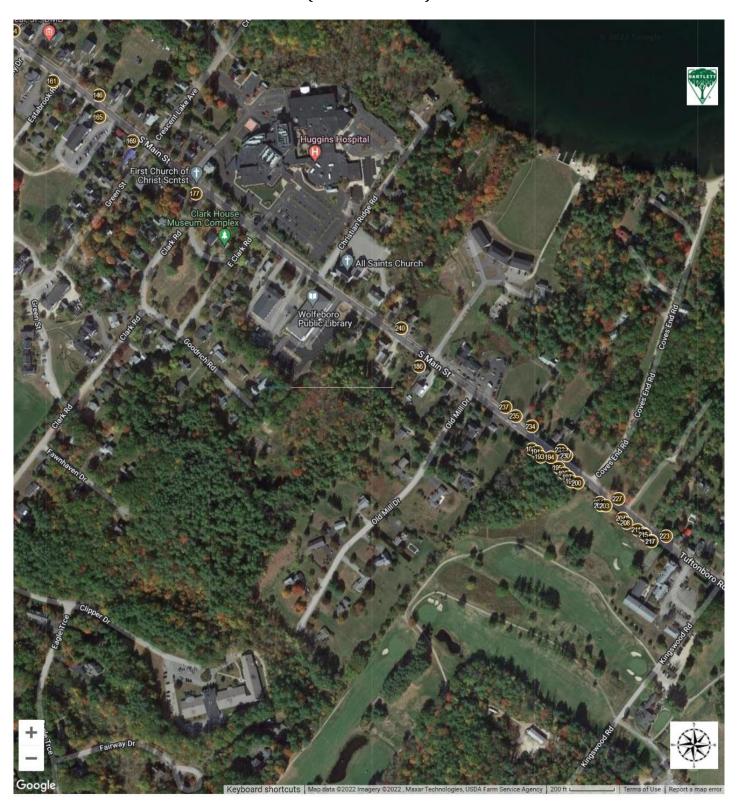
Tree ID	Common Name	DBH	Plant Health Care	Pest(s) or Disease(s)
613*	Ash-White	28		• Emerald ash borer (suspected)
615*	Ash-White	26		• Emerald ash borer (suspected)
617*	Ash-White	23		• Emerald ash borer (suspected)
619*	Ash-White	26		• Emerald ash borer (suspected)
623*	Ash-White	7		• Emerald ash borer (suspected)
624*	Ash-White	13		• Emerald ash borer (suspected)
625*	Ash-White	8		• Emerald ash borer (suspected)
626*	Ash-White	9,5,5		• Emerald ash borer (suspected)
627*	Ash-White	14		• Emerald ash borer (suspected)
629*	Ash-White	28		• Emerald ash borer (suspected)
631*	Ash-White	6,5,5		• Emerald ash borer (suspected)
633*	Ash-White	6		• Emerald ash borer (suspected)
634*	Ash-White	7,6,6		• Emerald ash borer (suspected)
635*	Ash-White	14,12,12		• Emerald ash borer (suspected)
636*	Ash-White	17,15,10,15		• Emerald ash borer (suspected)
637*	Ash-White	8		• Emerald ash borer (suspected)
638*	Ash-White	21		• Emerald ash borer (suspected)
639*	Ash-White	27		• Emerald ash borer (suspected)
641*	Spruce-Norway	6		Gall insects
642	Spruce-Norway	10	Borer treatment	• Borers
653*	Ash-White	25,14,14		• Emerald ash borer (suspected)
655*	Ash-White	14		• Emerald ash borer (suspected)
657*	Ash-White	19		• Emerald ash borer (suspected)

^{*} Trees that are recommended for removal in the Tree Removal Section

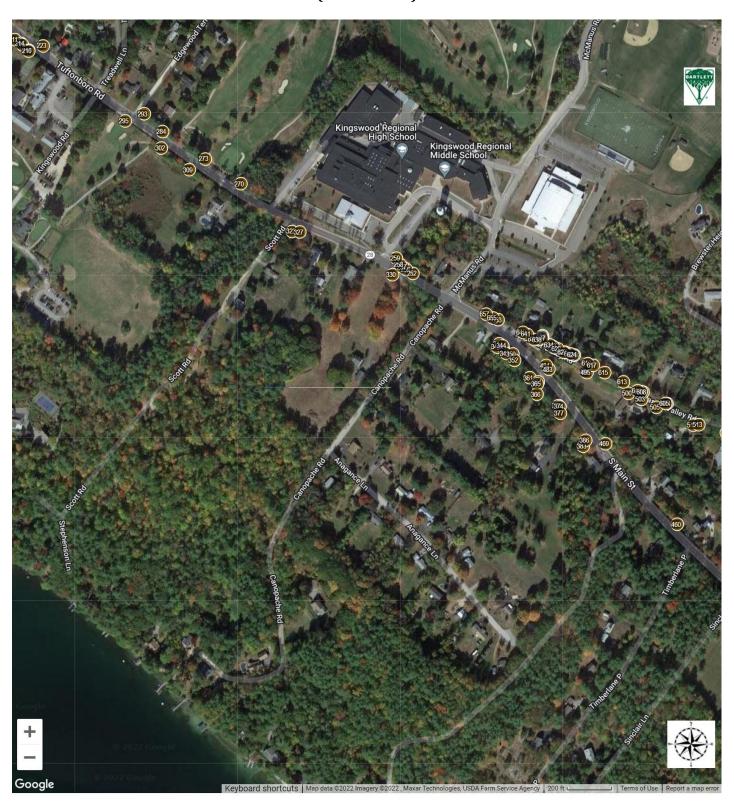
INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE (CENTER STREET)



INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE (OLD MILL DRIVE)



INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE (SCOTT ROAD)



INVENTORIED TREES IDENTIFIED FOR PLANT HEALTH CARE (CROSS ROAD



Tree Pruning

A commonly offered service among tree companies, pruning trees is one of the most poorly executed practices by tree workers who lack training in the basics of tree biology. "Lion's tailing," topping, and flush cuts are a few examples, and these can lead to hazardous conditions over time.

Because this practice is so misunderstood, and because specific standards exist to perform pruning correctly, the Inventory Team decided to include some explanation in the main body of this management plan.

Tree owners and tree-care practitioners should always keep in mind that any pruning cut is a wound. Informed tree-care professionals have learned to manage that wounding to preserve the health, safety, and integrity of the tree.

Improper Pruning Practices

A few of the most common pruning abuses are:

- Lion's Tailing pruning that removes interior branches along the stem and scaffold branches. This encourages poor branch taper, poor wind load distribution, and risk of branch failure. It also deprives the tree of foliage it needs to produce **photosynthates**. See next page, top left.
- Topping pruning cuts that reduce a tree's size by using heading cuts that shorten branches to a predetermined size. Topping substantially reduces the functional benefits a tree is capable of providing and predisposes trees to structural defects that can contribute to failures in the future. It also reduces the value of the trees substantially and deprives the tree of adequate foliage. See next page, top right.
- Flush Cuts pruning cut through the **branch collar**, flush against the trunk or parent stem, causing unnecessary injury. See next page, bottom.
- Using Climbing Spikes Inappropriately Using climbing spikes on a healthy tree, for example, wounds healthy stem tissues and can lead to infection by fungal pathogens.



Example of Lion's tailing.



Examples of topping.



Examples of flush cuts.

Pruning with a Goal

Below are illustrations of common pruning goals:

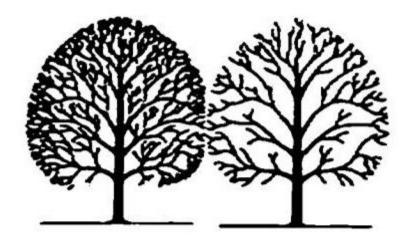


Illustration of improving airflow to reduce disease.



Illustration of branch weight reduction.

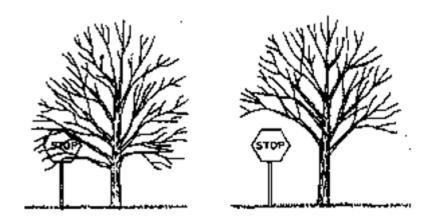


Illustration of raising branch elevation to improve clearance.

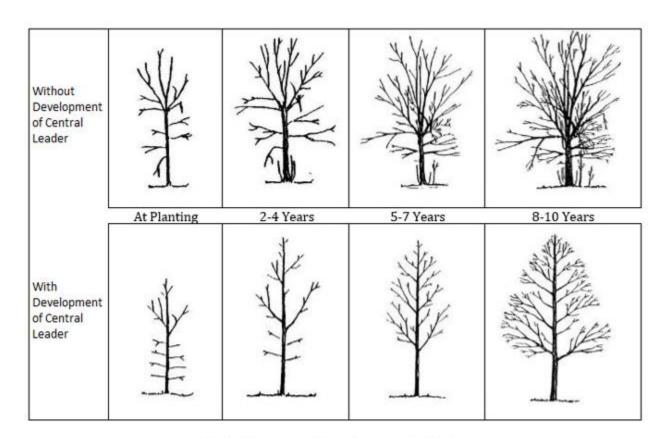


Illustration of promoting a strong central leader.

Pruning Category

All trees identified in this management plan that have pruning recommendations are listed with a specific pruning category. The listed order of these pruning categories are typical to most managers. Trees within each category are prioritized by the specific goals of most managers. It is recommended that specific goals be discussed with your local Bartlett Arborist Representative. Pruning categories are separated into individual tables below where each table lists specific arboricultural pruning goals and recommendations for each tree.

Risk Mitigation Pruning

Any tree identified with a Risk Mitigation Pruning category to reduce the *Overall Tree Risk Rating*, was previously summarized in the Tree Risk Assessments and Mitigation section earlier in the document.

Maintenance Pruning

This goal typically requires routine pruning of large/mature trees. Includes branch removal and/or branch reduction to help reduce *likelihood of failure* and/or conflict with infrastructure. Trees with these goals are typically climbed or require the use of aerial lifts and/or other specialized equipment.

The trees in this table are recommended for maintenance pruning:

INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING (108 Trees)

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
27	Maple-Norway	23	1	Improve appearanceReduce likelihood of storm damageClearance	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure Seam
28	Maple-Norway	25	1	Improve appearanceClearance	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure Wound-stem

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
100	Maple-Red	36	1	 Reduce likelihood of storm damage Clearance Improve appearance 	 Buried root collar Co-dominant stems Included bark Poor branch structure Seam Wound-root
157	Maple-Norway	22	1	Reduce likelihood of storm damageClearanceImprove appearance	Co-dominant stemsIncluded barkPoor branch structure
158	Maple-Norway	24	1	Improve appearanceReduce likelihood of storm damage	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
168	Maple-Norway	23	1	Reduce likelihood of storm damageImprove appearance	 Buried root collar Co-dominant stems Dead branches <=2 Decay-branch Included bark Poor branch structure
288	Pine-Eastern White	17	1	Reduce likelihood of storm damageImprove appearance	Dead branches >2Poor branch structureUneven crown
290	Pine-Eastern White	25	1	Improve appearanceReduce likelihood of storm damage	Co-dominant stemsDead branches >2Poor branch structure
296	Maple-Norway	31	1	Reduce likelihood of storm damageImprove appearance	 Dead branches >2 Poor branch structure Uneven crown Wound-root Wound-stem
345	Pine-Eastern White	26	1	Improve appearanceReduce likelihood of storm damage	Dead branches >2Poor branch structure
353	Pine-Eastern White	19	1	Improve appearanceReduce likelihood of storm damage	Dead branches >2Poor branch structureUneven crown
354	Pine-Eastern White	18	1	Reduce likelihood of storm damageImprove appearance	Dead branches >2Poor branch structureUneven crown
356	Pine-Eastern White	21	1	Reduce likelihood of storm damageImprove appearance	Dead branches >2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
376	Maple-Sugar	8	1	Improve appearanceRepair storm damageDevelop branch structure	 Co-dominant stems Hanger Included bark Poor branch structure Uneven crown
416	Pine-Eastern White	33	1	Improve appearanceReduce likelihood of storm damage	Dead branches >2Poor branch structureUneven crown
427	Pine-Eastern White	35	1	Reduce likelihood of storm damageImprove appearance	 Co-dominant stems Dead branches >2 Growing against object Poor branch structure Uneven crown
486	Cherry-Black	12	1	Repair storm damageImprove appearanceClearance	 Co-dominant stems Dead branches >2 Hanger Poor branch structure Storm damage
506	Oak-Northern Red	18	1	Reduce likelihood of storm damageImprove appearance	Dead branches >2Uneven crown
537	Oak-Northern Red	17	1	Reduce likelihood of storm damageImprove appearance	Dead branches >2Poor branch structureUneven crown
539	Pine-Eastern White	24	1	Reduce likelihood of storm damageImprove appearance	Dead branches >2Poor branch structure
569	Pine-Eastern White	30	1	Reduce likelihood of storm damageImprove appearance	Dead branches >2Poor branch structureUneven crown
572	Pine-Eastern White	22,10	1	Reduce likelihood of storm damageImprove appearance	 Co-dominant stems Dead branches >2 Overextended branch Poor branch structure Uneven crown
603	Pine-Eastern White	25	1	Reduce likelihood of storm damageImprove appearance	Co-dominant stemsDead branches >2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
614	Maple-Red	15	1	 Repair storm damage Improve appearance Reduce likelihood of storm damage 	 Cavity-stem Dead branches >2 Decay-root flare Hanger Poor branch structure Uneven crown
640	Maple-Sugar	40	1	Reduce likelihood of storm damageImprove appearance	Co-dominant stemsDead branches >2Poor branch structureUneven crown
2	Maple-Red	27	2	Improve appearanceClearance	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure Wound-root flare
6	Maple-Norway	21	2	Improve appearanceClearance	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure Seam
7	Maple-Norway	19	2	Improve appearanceClearance	 Co-dominant stems Dead branches <= 2 Poor branch structure Wound-root Wound-stem
15	Maple-Norway	10	2	Improve appearanceReduce likelihood of storm damage	 Buried root collar Co-dominant stems Dieback (moderate) Poor branch structure
25	Maple-Norway	20	2	Reduce likelihood of storm damageClearance	Co-dominant stemsDead branches <=2Poor branch structure
26	Maple-Norway	24	2	ClearanceImprove appearance	 Co-dominant stems Dead branches <=2 Girdling roots present Poor branch structure
33	Maple-Norway	11	2	Improve appearanceReduce likelihood of storm damage	 Buried root collar Dead branches <=2 Lean Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
84	Maple-Norway	11	2	ClearanceDevelop branch structure	Buried root collarCo-dominant stemsPoor branch structure
92	Maple-Norway	20	2	ClearanceImprove appearance	Buried root collarCo-dominant stemsPoor branch structureUneven crown
99	Maple-Norway	16	2	Clearance Improve appearance	Co-dominant stemsPoor branch structureUneven crown
114	Elm-American	17	2	ClearanceImprove appearance	Co-dominant stemsDead branches <= 2Poor branch structure
115	Maple-Red	24	2	ClearanceImprove appearanceDevelop branch structure	Co-dominant stemsDead branches <= 2Poor branch structureWound-root
119	Honeylocust- Thornless Common	21	2	Clearance Improve appearance	Co-dominant stemsDead branches <= 2Poor branch structure
122	Arborvitae- Western Redcedar	17	2	ClearanceImprove appearance	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
125	Honeylocust- Thornless Common	15	2	ClearanceImprove appearance	 Co-dominant stems Dead branches <=2 Lean Poor branch structure Uneven crown
139	Maple-Norway	17	2	Improve appearanceReduce likelihood of storm damage	Co-dominant stemsDead branches <=2Poor branch structureSeam
142	Maple-Norway	16	2	ClearanceImprove appearanceDevelop branch structure	 Co-dominant stems Dead branches <= 2 Girdling roots present (moderate) Poor branch structure Wound-root
144	Maple-Red	25	2	Improve appearanceClearanceReduce likelihood of storm damage	Co-dominant stemsDead branches >2Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
145	Maple-Norway	15	2	ClearanceImprove appearance	Buried root collarCo-dominant stemsPoor branch structureUneven crown
162	Maple-Norway	12	2	ClearanceImprove appearance	Dead branches <=2Poor branch structureUneven crown
164	Linden-Littleleaf	15	2	 Clearance Develop branch structure Promote development of strong central stem 	Co-dominant stemsIncluded barkPoor branch structure
170	Maple-Norway	20	2	Improve appearanceClearance	 Co-dominant stems Dead branches <=2 Decay-branch Poor branch structure
180	Lilac-Japanese Tree	8	2	ClearanceImprove appearanceDevelop branch structure	Buried root collarCo-dominant stemsPoor branch structure
182	Maple-Norway	19	2	 Reduce likelihood of storm damage Improve appearance Clearance 	 Co-dominant stems Dead branches > 2 Girdling roots present Low vigor Poor branch structure Wound-branch
183	Maple-Red	26	2	ClearanceReduce likelihood of storm damage	 Cavity-stem Co-dominant stems Dead branches <=2 Decay-stem Poor branch structure
184	Maple-Norway	25	2	ClearanceImprove appearance	 Co-dominant stems Dead branches <=2 Hanger Poor branch structure Uneven crown
223	Maple-Norway	25	2	Improve appearanceClearanceReduce likelihood of storm damage	Co-dominant stemsDead branches >2Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
226	Maple-Red	23	2	 Reduce likelihood of storm damage Improve appearance Develop branch structure 	 Co-dominant stems Dead branches <=2 Decay-branch Girdling roots present (moderate) Included bark Poor branch structure
244	Maple-Norway	18	2	Improve appearanceClearance	Co-dominant stemsDead branches <=2Low vigorPoor branch structure
276	Pine-Eastern White	22	2	Improve appearance	Dead branches >2Poor branch structure
292	Pine-Eastern White	26	2	Reduce likelihood of storm damageImprove appearance	Co-dominant stemsDead branches >2Poor branch structure
294	Cherry-Black	22	2	Reduce likelihood of storm damageImprove appearance	Co-dominant stemsDead branches >2Poor branch structureUneven crown
298	Cherry-Black	16	2	Improve appearanceReduce likelihood of storm damage	Buried root collarDead branches >2Poor branch structure
306	Maple-Norway	16	2	Reduce likelihood of storm damageImprove appearance	 Co-dominant stems Dead branches <=2 Decay-branch Poor branch structure
335	Pine-Eastern White	26	2	Reduce likelihood of storm damageImprove appearance	Co-dominant stemsDead branches >2Low vigorPoor branch structure
337	Pine-Eastern White	27	2	Reduce likelihood of storm damageImprove appearance	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure Uneven crown
338	Pine-Eastern White	24	2	Reduce likelihood of storm damageImprove appearance	Dead branches <=2Uneven crown
339	Oak-Northern Red	18,12	2	ClearanceImprove appearance	Co-dominant stemsDead branches <= 2
349	Pine-Eastern White	17	2	Improve appearance	Dead branches >2Low live crown ratio

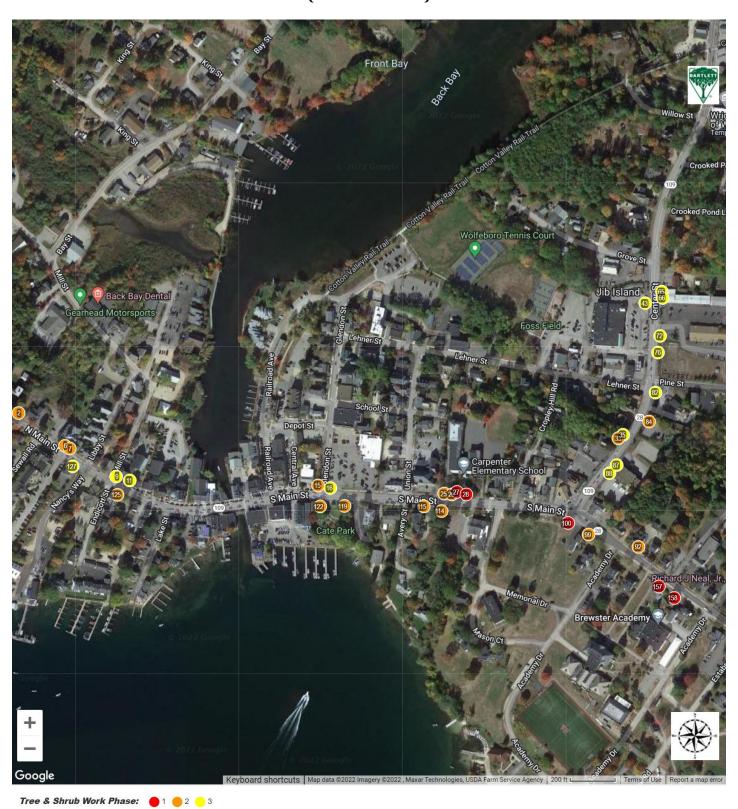
Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
385	Maple-Sugar	12,12	2	ClearanceImprove appearanceDevelop branch structure	Co-dominant stemsPoor branch structureWound-stem
402	Pine-Eastern White	11	2	Improve appearance	Dead branches <=2Low vigorUneven crown
406	Pine-Eastern White	25	2	Reduce likelihood of storm damageImprove appearance	Dead branches >2Low vigor
443	Cherry-Black	15	2	Reduce likelihood of storm damageImprove appearance	Co-dominant stemsDead branches <=2Uneven crown
457	Maple-Red	18,13	2	Improve appearanceReduce likelihood of storm damage	 Co-dominant stems Dead branches >2 Included bark Poor branch structure Uneven crown
460	Cherry-Black	19	2	Improve appearanceReduce likelihood of storm damage	Dead branches >2Poor branch structureUneven crown
472	Cherry-Black	11	2	Improve appearanceReduce likelihood of storm damage	Dead branches >2Low vigor
529	Poplar-Bigtooth Aspen	18	2	Reduce likelihood of storm damageImprove appearance	 Broken branch(s) Co-dominant stems Dead branches >2 Poor branch structure Wound-stem
568	Maple-Sugar	31	2	Improve appearanceReduce likelihood of storm damage	Dead branches >2Poor branch structureWound-root flare
577	Maple-Red	20	2	Reduce likelihood of storm damageImprove appearance	Cavity-stemDead branches >2Poor branch structureWound-branch
578	Pine-Eastern White	11	2	ClearanceImprove appearance	Buried root collarDead branches >2Low vigor
581	Oak-Northern Red	19	2	Improve appearanceReduce likelihood of storm damage	Dead branches >2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
582	Oak-Northern Red	35	2	Improve appearanceReduce likelihood of storm damage	 Co-dominant stems Dead branches >2 Included bark Poor branch structure
583	Pine-Eastern White	11	2	ClearanceImprove appearance	Buried root collarDead branches <=2Poor branch structureUneven crown
584	Pine-Eastern White	28	2	ClearanceImprove appearanceReduce likelihood of storm damage	Co-dominant stemsDead branches >2Poor branch structureUneven crown
585	Maple-Red	25	2	ClearanceImprove appearanceReduce likelihood of storm damage	 Broken branch(s) Buried root collar Co-dominant stems Included bark Poor branch structure
595	Pine-Eastern White	14	2	ClearanceImprove appearance	Dead branches <=2Uneven crown
599	Oak-Northern Red	23	2	ClearanceImprove appearance	Dead branches >2Poor branch structure
600	Oak-Northern Red	31	2	Improve appearanceClearance	Dead branches >2Poor branch structureUneven crown
601	Oak-Northern Red	22	2	ClearanceImprove appearance	Dead branches <=2Poor branch structure
602	Oak-Northern Red	25	2	ClearanceImprove appearance	Corrected leanDead branches >2Poor branch structureUneven crown
607	Maple-Red	14	2	ClearanceImprove appearance	Co-dominant stemsPoor branch structureUneven crown
616	Maple-Red	27	2	ClearanceImprove appearanceReduce likelihood of storm damage	 Co-dominant stems Decay-stem Included bark Poor branch structure Uneven crown
622	Maple-Norway	8	2	ClearanceImprove appearance	Uneven crown

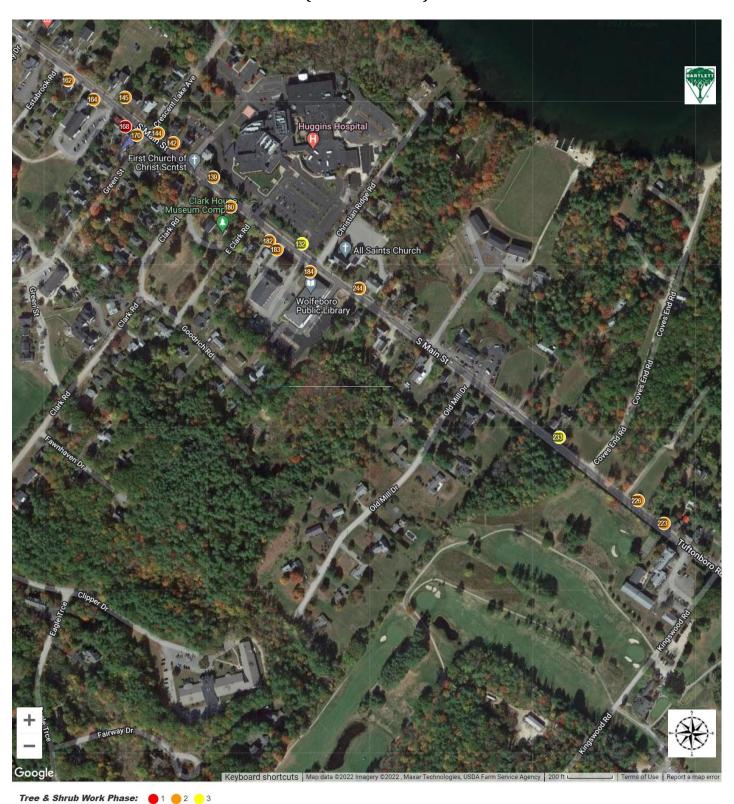
Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
628	Maple-Red	25,12,7	2	ClearanceImprove appearance	 Co-dominant stems Dead branches <=2 Included bark Poor branch structure
630	Maple-Sugar	11	2	ClearanceImprove appearance	Poor branch structureUneven crown
632	Oak-Northern Red	15	2	ClearanceImprove appearance	Dead branches <=2Uneven crown
643	Maple-Norway	13	2	ClearanceImprove appearance	Dead branches <=2Decay-branchPoor branch structureUneven crown
658	Maple-Norway	29	2	Reduce likelihood of storm damageImprove appearance	 Co-dominant stems Dead branches >2 Poor branch structure Uneven crown
9	Maple-Norway	17	3	Improve appearance	 Co-dominant stems Dead branches <= 2 Girdling roots present (moderate) Poor branch structure Wound-root
11	Spruce-Colorado Blue	15	3	Improve appearance	Buried root collarDead branches <=2Uneven crown
16	Honeylocust- Thornless Common	10	3	Improve appearanceClearance	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
35	Maple-Norway	11	3	ClearanceImprove appearance	Dead branches <=2Poor branch structureUneven crown
43	Maple-Red	10	3	Improve appearance	Broken branch(s)Buried root collarDead branches <=2Wound-stem
65	Crabapple	12	3	ClearanceMaintain size and shapeImprove appearance	Co-dominant stemsDead branches <= 2Poor branch structure

Tree ID	Common Name	DBH	Tree & Shrub Work Phase	Pruning Goal	Defect(s) or Observation(s)
66	Hemlock- Canadian	9	3	Improve appearanceClearance	 Dead branches <=2 Girdling roots present Low vigor Poor branch structure Uneven crown
72	Pear-Callery	6	3	Improve appearanceDevelop branch structure	Dead branches <=2Low vigorWound-root flareWound-stem
76	Pear-Callery	6	3	Improve appearanceClearance	 Broken branch(s) Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
82	Maple-Amur	4,4,4,3,3,3	3	Improve appearanceClearance	 Broken branch(s) Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
87	Crabapple	11	3	Improve appearanceClearanceDevelop branch structure	 Broken branch(s) Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
88	Lilac	5,5,4,4	3	ClearanceImprove appearanceMaintain size and shape	 Broken branch(s) Co-dominant stems Dead branches <=2 Fungi/conks Poor branch structure
127	Dogwood-Kousa	4	3	ClearanceDevelop branch structure	Buried root collarCo-dominant stemsPoor branch structureWound-stem
132	Maple-Norway	11	3	Improve appearance	Buried root collarDead branches >2Low vigorWound-stem
233	Spruce-Colorado Blue	19	3	Improve appearance	Dead branches <=2Low vigorUneven crown

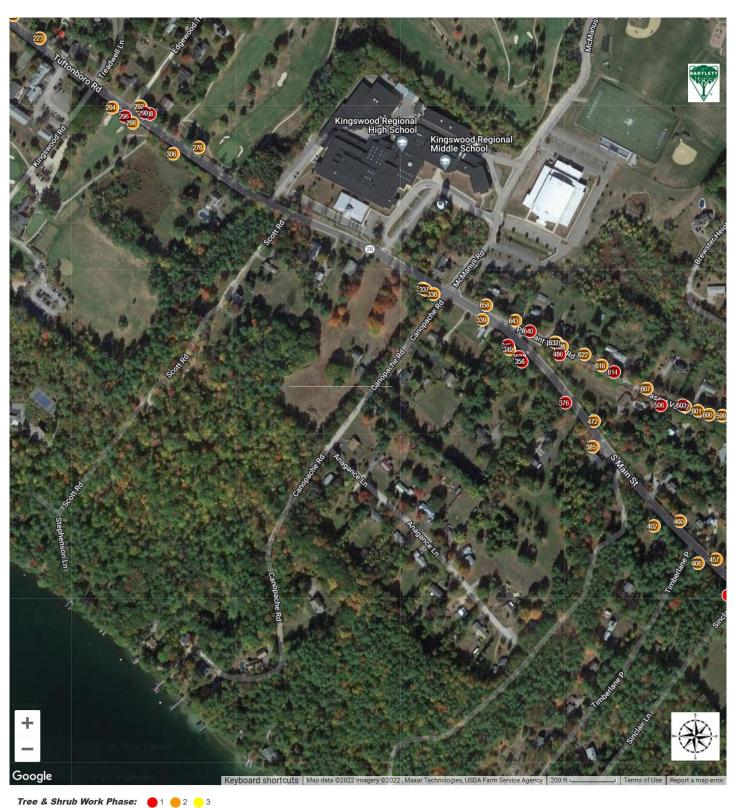
INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING (CENTER STREET)



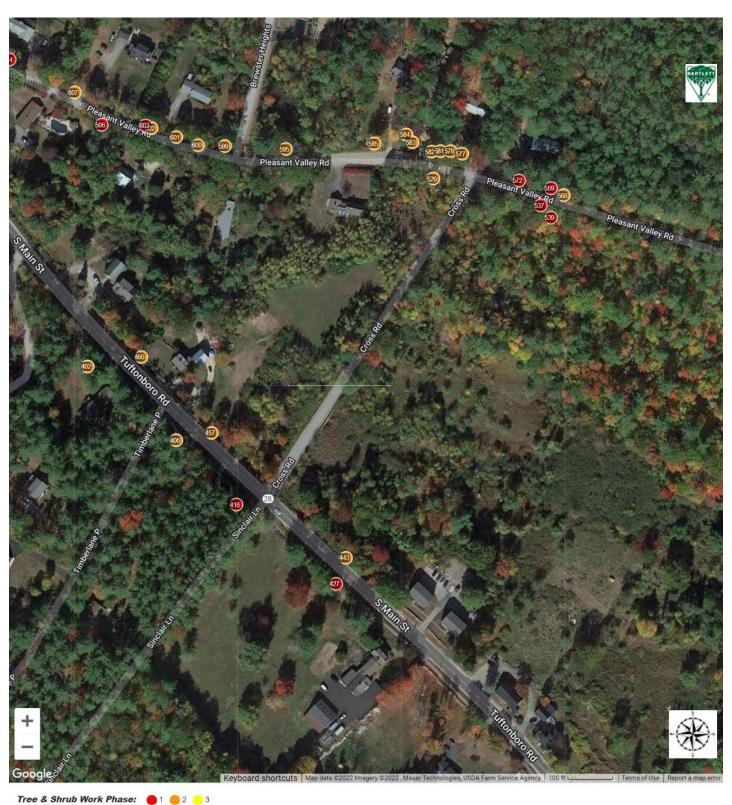
INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING (OLD MILL DRIVE)



INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING (SCOTT ROAD)



INVENTORIED TREES RECOMMENDED FOR MAINTENANCE PRUNING (CROSS ROAD)



Developmental Pruning

This goal typically requires routine pruning of small/young trees. Includes structural pruning to develop a strong central stem, establish proper branch spacing, and/or develop branch structure.

At the time of inventory, no trees were recommended for developmental pruning. However, we recommend close monitoring of trees for changes in condition, especially after weather events not considered normal for the area.

Ornamental Pruning

This goal typically requires pruning of small trees. Includes reduction and/or shearing to its desired shape, size, and/or structure.

At the time of inventory, no trees were recommended for ornamental pruning. However, we recommend close monitoring of trees for changes in condition, especially after weather events not considered normal for the area.

Specialized Pruning

Trees with this goal require a unique treatment that may include, but not limited to, targeted pruning cuts, removal of nuisance fruit/parasitic plants, and/or rejuvenation/internodal pruning.

At the time of inventory, no trees were recommended for specialized pruning. However, we recommend close monitoring of trees for changes in condition, especially after weather events not considered normal for the area.

Structural Support Systems

Structural support systems can reduce risk of tree or tree part(s) failure by limiting movement of stems or branches in certain situations. Examples include co-dominant stems or overextended branches with heavy foliage loads.

Cabling

Cabling is the process of connecting two or more upright stems to one another to add stability and reduce the *likelihood of failure*. In some instances, a lateral branch may be secured to the central leader using a cabling system to support the weight of the branch.

Bracing

Bracing is the process of securing the union of two co-dominant stems using high strength steel rods to alleviate stresses at the union and reduce the *likelihood of failure*. Bracing may also be used to reinforce trees that have a partial failure and are likely to benefit from bracing.

Guying

Guying is the process of anchoring a tree's stem to the ground or another immovable object to reduce the likelihood of root failure. Guying can be temporary or permanent and is most often used for establishing a tree in the landscape.

Propping

Propping is the process of using rigid structures that are built on or into the ground to help support the trunk or branch(s) that are oriented near the ground in a horizontal position to reduce the *likelihood of failure* from the weight or defect of the tree part being supported.



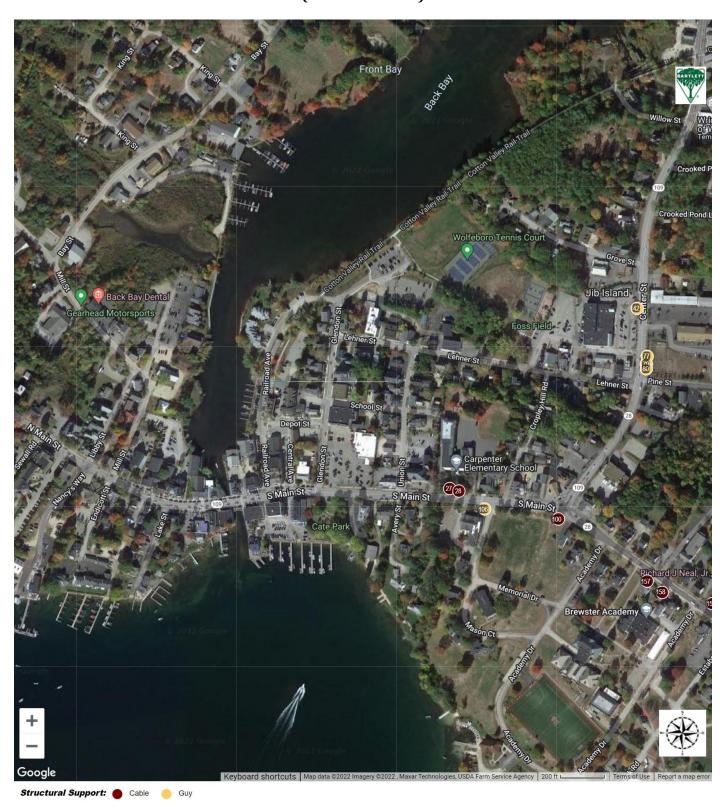
Tree #80 recommended for inspection and potential removal of tree guy/staking system. Staking newly planted trees for too long is a common issue in young trees. Trees should not be staked past approximately six months following planting.

The following table lists all inventoried trees with structural support system recommendations:

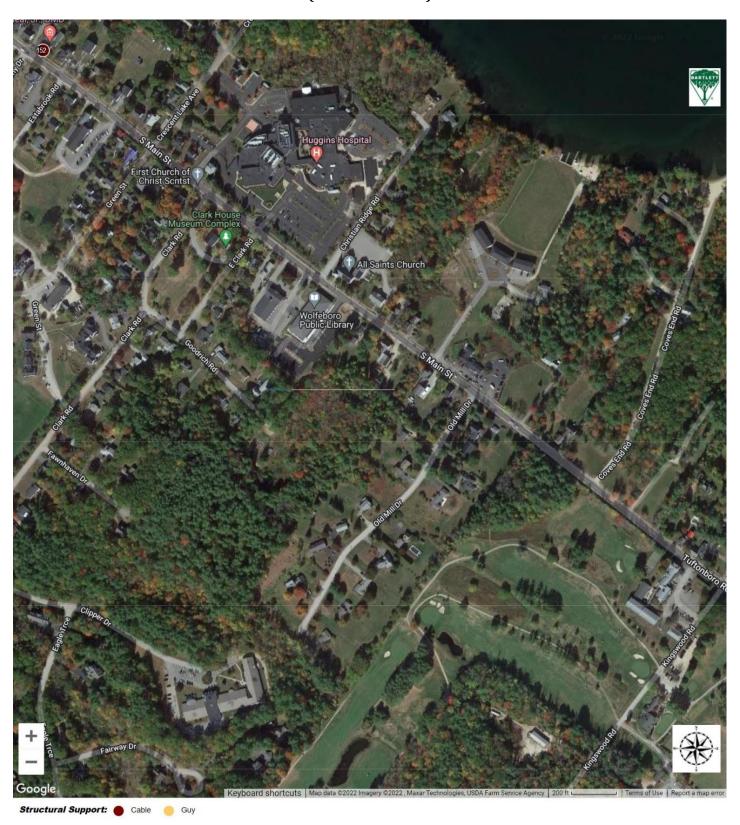
INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS (18 Trees)

Tree ID	Common Name	DBH		Tree & Shrub Work Phase	Structural Support
27	Maple-Norway	23	Low	1	• Cable: New 3
28	Maple-Norway	25	Low	1	• Cable: New 1
42	Pear-Callery	3	Low	1	• Guy: Inspect
77	Pear-Callery	3	Low	1	• Guy: Inspect
79	Pear-Callery	3	Low	1	• Guy: Inspect
80	Pear-Callery	3	Low	1	• Guy: Inspect
100	Maple-Red	36	Low	1	• Cable: New 3
106	Maple-Sugar	4	Low	1	• Guy: Inspect
152	Maple-Norway	32	Moderate	ASAP	• Cable: New 3
157	Maple-Norway	22	Low	1	• Cable: New 1
158	Maple-Norway	24	Low	1	• Cable: New 3
278	Pine-Eastern White	45	Low	1	• Cable: New 1
303	Maple-Red	20,18,8	Low	1	• Cable: New 1
463	Hickory-Shagbark	23	Low	1	• Cable: New 1
498	Oak-Northern Red	23,22,21	Low	1	• Cable: New 3
516	Oak-Northern Red	23,21,19,16,16,10	Low	1	• Cable: New 2
520	Maple-Red	16,15,11,11	Low	1	• Cable: New 4
576	Oak-Northern Red	33	Low	1	• Cable: New 1

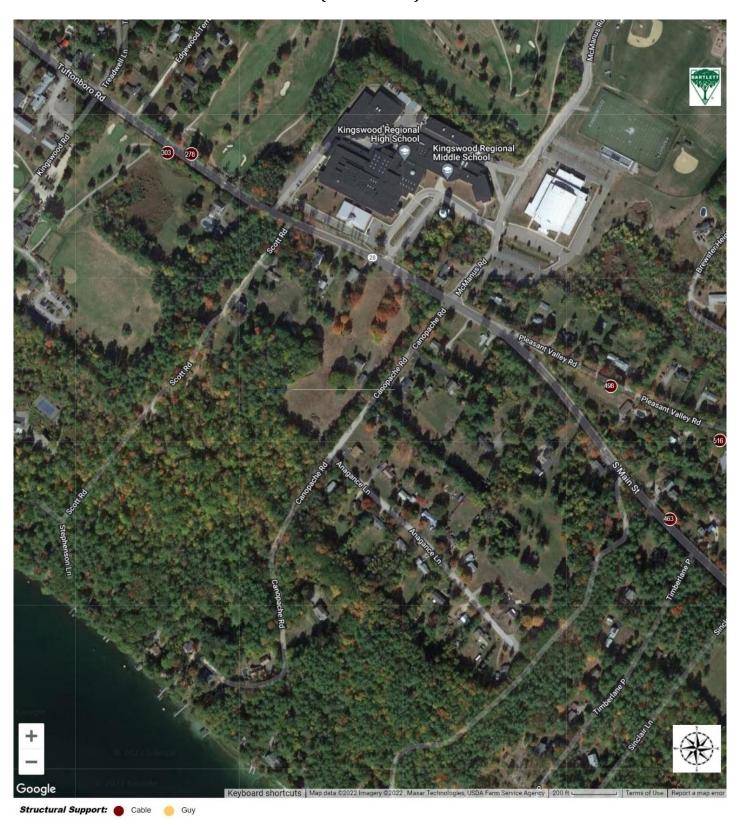
INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS (CENTER STREET)



INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS (OLD MILL DRIVE)



INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS (SCOTT ROAD)



INVENTORIED TREES WITH STRUCTURAL SUPPORT SYSTEM RECOMMENDATIONS (CROSS ROAD)



Lightning Protection Systems

Lightning strikes kill many people each year and can cause significant damage to objects on the property. Lightning protection systems are designed to provide a preferred path for lightning to the ground in a manner that minimizes tree damage; adjacent tree damage; and also to buildings, property, animals, and people near the tree. Tree species that are naturally more susceptible to lightning strikes, valuable to the landscape, and trees that are within 10 feet of, taller than, or have limbs that are extending over a structure are recommended for lightning protection systems due to the possibility of damage, "sideflashes", and step voltage.

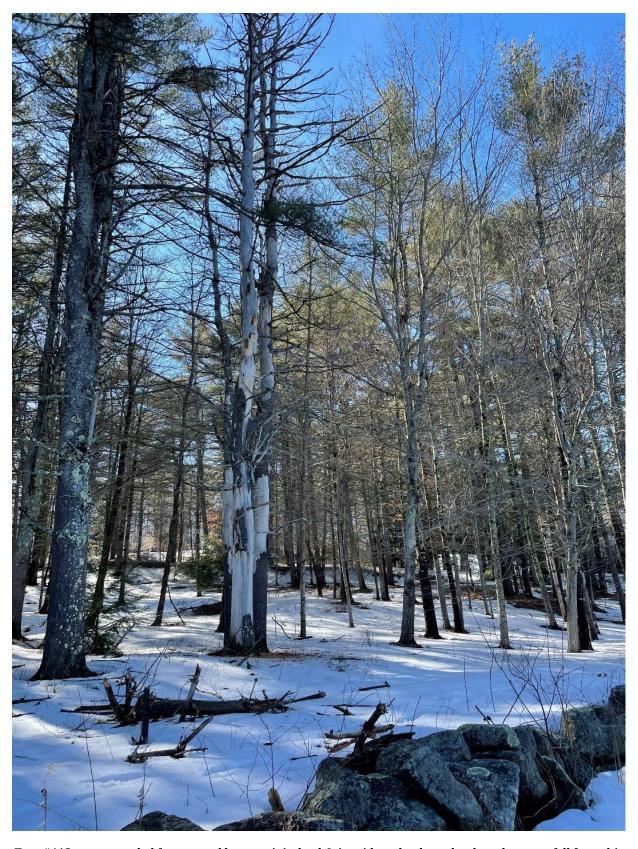
At the time of inventory, no trees were recommended for lightning protection systems. However, as trees continue to grow and site changes occur, we recommend continual consultation with your local Bartlett Arborist Representative to determine if lightning protection systems are warranted in the future.

Tree Removal

In some cases, the inspector may determine need for removal while assessing the tree. Trees may be recommended for removal during the inventory for several reasons:

- The tree is dead;
- The tree is in poor condition and thought to be beyond rehabilitation;
- The tree is over-mature and will continue to decline in condition;
- The tree has significant structural weaknesses that cannot be addressed;
- The tree is already or will interfere with infrastructure (overhead lines for example);
- The location value for the tree is poor or unacceptable (for example, large maturing tree growing directly under overhead lines); and/or,
- The tree species has been declared an invasive for the given area or region.

All ash trees with visible signs of EAB infestation were recommended for removal. EAB can significantly compromise the structural integrity of ash wood and make them more prone to failure. Prompt removal of these trees is advised to help control the population and reduce the likelihood of these failure. Those with signs of significant pest populations were given a condition class of poor and a Tree & Shrub Work Phase of ASAP.



 $\label{thm:commended} Tree~\#413~recommended~for~removal~because~it~is~dead.~It~is~evident~that~branches~have~begun~to~fall~from~this~large,~dead~pine.$

The trees listed in the table below are recommended for removal:

INVENTORIED TREES RECOMMENDED FOR REMOVAL (230 Trees)

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
216	Ash-White	33	Poor	Moderate	ASAP	 Broken branch(s) Co-dominant stems Crack-stem Dead branches >2 Poor branch structure
515	Elm-American	9	Dead	Moderate	ASAP	Dead branches >2Dead/dying stem
604	Ash-White	38	Dead	Moderate	ASAP	Dead branches >2Dead/dying stemHanger
10	Ash-White	18	Poor	Low	ASAP	 Buried root collar Co-dominant stems Dead branches <=2 Poor branch structure
12*	Tree of Heaven	12	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Decay-stem Included bark Poor branch structure
47	Pine-Eastern White	35	Poor	Low	ASAP	Dead branches >2Low vigorPoor branch structure
56	Pine-Eastern White	16	Dead	Low	ASAP	Dead branches >2Dead/dying stem
57	Pine-Eastern White	12	Dead	Low	ASAP	Dead branches >2Dead/dying stem
58	Pine-Eastern White	10	Dead	Low	ASAP	Dead branches >2Dead/dying stem
59	Pine-Eastern White	16	Dead	Low	ASAP	Dead branches >2Dead/dying stem
60	Pine-Eastern White	18	Dead	Low	ASAP	Dead branches >2Dead/dying stem
89*	Maple-Norway	10	Dead	Low	ASAP	Dead branches <=2Dead branches >2

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
90	Ash-Green	21	Poor	Low	ASAP	Co-dominant stemsDead branches >2Poor branch structureUneven crown
126	Ash-Green	18	Poor	Low	ASAP	 Buried root collar Co-dominant stems Dead branches >2 Poor branch structure
130	Maple-Red	10	Dead	Low	ASAP	Dead branches >2Dead/dying stem
146	Ash-Green	29	Poor	Low	ASAP	Co-dominant stemsDead branches >2HangerPoor branch structure
186	Ash-White	18	Poor	Low	ASAP	Buried root collarDead branches >2Low vigor
189	Ash-White	22	Dead	Low	ASAP	Co-dominant stemsDead branches >2Dead/dying stem
191	Ash-White	13	Poor	Low	ASAP	Dead branches >2Low vigor
193	Ash-White	18	Dead	Low	ASAP	Dead branches >2Dead/dying stem
194	Ash-White	26	Dead	Low	ASAP	Dead branches >2Dead/dying stem
195	Ash-White	20	Poor	Low	ASAP	Dead branches >2Poor branch structure
196	Ash-White	18	Dead	Low	ASAP	Dead branches >2Dead/dying stem
197	Ash-Green	19	Dead	Low	ASAP	Dead branches >2Dead/dying stem
198	Ash-Green	10	Dead	Low	ASAP	Dead branches >2Dead/dying stem
200	Ash-White	21	Dead	Low	ASAP	Dead branches >2Dead/dying stem
201	Ash-White	16	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
202	Ash-White	18	Poor	Low	ASAP	 Cavity-stem Co-dominant stems Dead branches >2 Included bark Poor branch structure
203	Ash-White	26	Dead	Low	ASAP	Dead branches >2Dead/dying stem
207	Ash-White	26	Poor	Low	ASAP	Dead branches >2Low vigorPoor branch structure
208	Ash-White	27	Poor	Low	ASAP	Co-dominant stemsDead branches >2Low vigorPoor branch structure
211	Ash-Green	8	Poor	Low	ASAP	Dead branches >2Low vigor
212	Ash-Green	8	Dead	Low	ASAP	Dead branches >2Dead/dying stem
213	Cherry-Black	14	Dead	Low	ASAP	Dead branches >2Dead/dying stem
214	Ash-Green	8	Poor	Low	ASAP	Dead branches >2Low vigor
215	Ash-Green	10	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure
217	Ash-White	9	Dead	Low	ASAP	Dead branches >2Dead/dying stem
225	Maple-Red	26	Poor	Low	ASAP	Co-dominant stemsDecay-stemDieback (severe)Poor branch structure
227	Ash-Green	21	Poor	Low	ASAP	Dead branches >2Growing against objectPoor branch structureUneven crown
234	Ash-White	15	Poor	Low	ASAP	Co-dominant stemsDead branches >2Dead/dying stemPoor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
235	Ash-White	26	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure Wound-stem
237	Ash-Green	21	Poor	Low	ASAP	Co-dominant stemsDead branches <=2Poor branch structure
240	Elm-American	12	Poor	Low	ASAP	Co-dominant stemsIncluded barkPoor branch structureUneven crownWound-stem
256	Ash-White	18	Dead	Low	ASAP	Dead/dying stem
257	Ash-White	25	Poor	Low	ASAP	 Buried root collar Co-dominant stems Dead branches >2 Low vigor Poor branch structure Wound-stem
258	Ash-White	19	Poor	Low	ASAP	Cavity-stemCo-dominant stemsDead branches > 2Growing against objectUneven crown
259	Ash-White	22	Poor	Low	ASAP	 Cavity-stem Dead branches >2 Low vigor Poor branch structure Uneven crown
262	Horsechestnut- Common	35	Poor	Low	ASAP	 Co-dominant stems Crack-stem Dead branches >2 Decay-stem Poor branch structure
265	Pine-Eastern White	9	Dead	Low	ASAP	Dead branches >2Dead/dying stem
270	Ash-White	22	Dead	Low	ASAP	Dead branches >2Dead/dying stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
297	Cherry-Black	22	Poor	Low	ASAP	 Co-dominant stems Dead branches > 2 Decay-root flare Decay-stem Low vigor
302	Ash-White	21	Dead	Low	ASAP	Dead branches >2Dead/dying stem
309	Ash-White	7	Poor	Low	ASAP	Dead branches <=2Low vigorWound-stem
318	Maple-Sugar	20	Dead	Low	ASAP	 Dead/dying stem Storm damage
322	Ash-Green	16	Fair	Low	ASAP	 Co-dominant stems Dead branches > 2 Poor branch structure Seam Uneven crown
325	Cherry-Black	7	Dead	Low	ASAP	Dead branches >2Dead/dying stem
327	Ash-White	21	Poor	Low	ASAP	Dead branches >2Poor branch structureUneven crown
341	Ash-White	15	Dead	Low	ASAP	Dead branches >2Dead/dying stem
342	Ash-White	11	Poor	Low	ASAP	Dead branches <=2Poor branch structureUneven crown
343	Ash-White	19	Poor	Low	ASAP	 Co-dominant stems Dead branches > 2 Included bark Poor branch structure Uneven crown
344	Ash-White	10	Poor	Low	ASAP	Co-dominant stemsDead branches <=2Low vigorPoor branch structure
346	Cherry-Black	6	Dead	Low	ASAP	Dead/dying stem
347	Ash-Green	15	Poor	Low	ASAP	Co-dominant stemsDead branches >2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
352	Ash-White	10	Dead	Low	ASAP	Dead branches >2Dead/dying stem
361	Ash-White	10	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Included bark Poor branch structure Uneven crown
362	Pine-Eastern White	13	Dead	Low	ASAP	Dead branches >2Dead/dying stem
363	Pine-Eastern White	13	Poor	Low	ASAP	Dead branches >2Dead/dying stemLow vigor
364	Ash-White	12	Poor	Low	ASAP	Co-dominant stemsDead branches >2Poor branch structureUneven crown
365	Ash-White	6	Dead	Low	ASAP	Dead branches >2Dead/dying stem
366	Ash-White	21	Poor	Low	ASAP	Co-dominant stemsDead branches > 2Poor branch structureUneven crown
377	Ash-White	15	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Dieback (severe) Poor branch structure Uneven crown
383	Ash-White	18	Poor	Low	ASAP	Co-dominant stemsDead branches >2Low vigorPoor branch structure
386	Ash-White	10	Poor	Low	ASAP	Dead branches <=2Poor branch structureUneven crownWound-stem
389	Maple-Sugar	15	Dead	Low	ASAP	 Dead/dying stem
395	Maple-Sugar	25	Dead	Low	ASAP	Dead/dying stem
397	Maple-Sugar	28	Poor	Low	ASAP	Cavity-stemDecay-stemUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
399	Maple-Sugar	30	Poor	Low	ASAP	 Cavity-stem Dead branches >2 Decay-stem Poor branch structure Uneven crown
403	Maple-Sugar	32	Dead	Low	ASAP	Dead/dying stem
407	Maple-Sugar	14	Poor	Low	ASAP	 Dead branches >2 Decay-stem Dieback (moderate) Poor branch structure
409	Pine-Eastern White	10	Dead	Low	ASAP	Dead branches >2Dead/dying stem
412	Pine-Eastern White	18	Dead	Low	ASAP	Dead branches >2Dead/dying stem
413	Pine-Eastern White	19	Dead	Low	ASAP	Dead branches <=2Dead/dying stem
414	Pine-Eastern White	10	Dead	Low	ASAP	Dead branches >2Dead/dying stem
415	Pine-Eastern White	9	Dead	Low	ASAP	Dead branches >2Dead/dying stem
418	Maple-Red	22	Poor	Low	ASAP	Dead branches >2Decay-stemDieback (severe)Fungi/conks
419	Pine-Eastern White	36	Poor	Low	ASAP	Dead branches >2Dieback (severe)Poor branch structureUneven crown
420	Elm-American	16	Poor	Low	ASAP	Dead branches >2Low vigorUneven crown
438	Maple-Sugar	11	Dead	Low	ASAP	Dead branches >2Dead/dying stem
447	Ash-White	8	Poor	Low	ASAP	Co-dominant stemsFungi/conksLow vigor
453	Elm-American	8	Dead	Low	ASAP	Dead/dying stem
461	Elm-American	8	Dead	Low	ASAP	Dead branches >2Dead/dying stem
464	Elm-American	2	Dead	Low	ASAP	Dead branches >2Dead/dying stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
469	Ash-White	13	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Included bark Low vigor Poor branch structure Uneven crown
470	Ash-White	38	Dead	Low	ASAP	Dead branches >2Dead/dying stem
474	Ash-White	8	Poor	Low	ASAP	Low vigorUneven crownWound-stem
475	Ash-White	15	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Decay-branch Poor branch structure Uneven crown Wound-stem
476	Ash-White	13	Poor	Low	ASAP	Low vigorPoor branch structureUneven crownWound-stem
477	Ash-White	14	Poor	Low	ASAP	Dead branches >2Poor branch structureUneven crown
479	Elm-American	23	Dead	Low	ASAP	Dead branches >2Dead/dying stemStorm damage
481	Elm-American	13	Dead	Low	ASAP	Dead/dying stem
482	Elm-American	23	Dead	Low	ASAP	Dead branches >2Dead/dying stem
483	Ash-White	26	Dead	Low	ASAP	Dead branches >2Dead/dying stem
484	Ash-White	17	Poor	Low	ASAP	Dead branches >2Low vigorPoor branch structureUneven crown
485	Ash-White	13	Poor	Low	ASAP	Co-dominant stemsLow vigorPoor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
487	Ash-White	7	Poor	Low	ASAP	Decay-stemLeanPoor branch structureUneven crown
489	Ash-White	13	Poor	Low	ASAP	 Co-dominant stems Dead branches > 2 Included bark Low vigor Poor branch structure
490	Ash-White	10	Poor	Low	ASAP	Co-dominant stemsDead branches >2Low vigorPoor branch structure
491	Ash-White	10	Poor	Low	ASAP	Dead branches >2Low vigorPoor branch structure
492	Cherry-Black	12	Dead	Low	ASAP	Dead branches >2Dead/dying stem
501	Elm-American	9	Dead	Low	ASAP	Dead branches >2Dead/dying stem
502	Ash-White	10	Poor	Low	ASAP	Dead branches >2Low vigorUneven crown
503	Ash-White	6	Poor	Low	ASAP	Co-dominant stemsLow vigorPoor branch structure
507	Cherry-Black	9	Dead	Low	ASAP	Dead branches >2Dead/dying stem
513	Ash-White	18	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Included bark Poor branch structure
530	Elm-American	5	Dead	Low	ASAP	Dead/dying stem
531	Elm-American	8	Dead	Low	ASAP	Dead branches >2Dead/dying stem
541	Pine-Eastern White	10	Dead	Low	ASAP	Dead branches >2Dead/dying stem
546	Pine-Eastern White	16	Dead	Low	ASAP	Dead branches >2Dead/dying stem
547	Pine-Eastern White	20	Dead	Low	ASAP	Dead/dying stem

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
548	Pine-Eastern White	16	Poor	Low	ASAP	Dead branches >2Low vigorStorm damageWound-stem
553	Ash-White	8	Poor	Low	ASAP	Dead branches >2Low vigorUneven crown
574	Ash-White	37	Poor	Low	ASAP	Co-dominant stemsDead branches >2Decay-stemPoor branch structure
586	Ash-White	10	Poor	Low	ASAP	Co-dominant stemsDead branches >2Dieback (severe)Low vigor
588	Poplar-Bigtooth Aspen	17	Dead	Low	ASAP	Dead branches >2Dead/dying stem
589	Ash-White	10	Poor	Low	ASAP	 Co-dominant stems Dead branches > 2 Low vigor Poor branch structure
590	Poplar-Bigtooth Aspen	15	Dead	Low	ASAP	Dead branches >2Dead/dying stem
591	Ash-White	12	Poor	Low	ASAP	Co-dominant stemsDead branches <=2Low vigorPoor branch structure
605	Ash-White	37	Dead	Low	ASAP	Cavity-stemDead branches >2Dead/dying stem
608	Ash-White	11	Poor	Low	ASAP	Dead branches >2Decay-stemLow vigor
609	Ash-White	13	Poor	Low	ASAP	Dead branches >2Low vigorUneven crown
610	Ash-White	9	Poor	Low	ASAP	Dead branches >2Low vigorUneven crown
613	Ash-White	28	Poor	Low	ASAP	Dead branches >2Low vigorPoor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
615	Ash-White	26	Poor	Low	ASAP	Buried root collarDead branches >2Dieback (moderate)Uneven crown
617	Ash-White	23	Poor	Low	ASAP	Dead branches >2Poor branch structureUneven crown
619	Ash-White	26	Poor	Low	ASAP	 Dead branches >2 Low vigor Poor branch structure Storm damage Uneven crown
625	Ash-White	8	Poor	Low	ASAP	Low vigorPoor branch structureSweep
626	Ash-White	9	Poor	Low	ASAP	Dead branches <=2Low vigorPoor branch structureUneven crown
627	Ash-White	14	Poor	Low	ASAP	Dead branches >2Low vigorPoor branch structureUneven crown
629	Ash-White	28	Poor	Low	ASAP	Cavity-stemDead branches >2Dieback (severe)Low vigor
631	Ash-White	6	Poor	Low	ASAP	 Co-dominant stems Dead branches <=2 Low vigor Poor branch structure Uneven crown
633	Ash-White	6	Poor	Low	ASAP	Low vigorPoor branch structureUneven crown
634	Ash-White	7	Poor	Low	ASAP	 Co-dominant stems Dead branches <=2 Low vigor Poor branch structure Uneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
635	Ash-White	14	Poor	Low	ASAP	 Co-dominant stems Dead branches > 2 Poor branch structure Storm damage Uneven crown
637	Ash-White	8	Poor	Low	ASAP	Poor branch structureUneven crown
638	Ash-White	21	Poor	Low	ASAP	 Co-dominant stems Dead branches > 2 Poor branch structure Uneven crown
639	Ash-White	27	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Included bark Low vigor Poor branch structure
644	Spruce-Norway	25	Dead	Low	ASAP	Dead branches >2Dead/dying stem
647	Cherry-Black	14	Dead	Low	ASAP	Dead branches >2Dead/dying stem
653	Ash-White	25	Poor	Low	ASAP	 Co-dominant stems Dead branches >2 Low vigor Poor branch structure
655	Ash-White	14	Poor	Low	ASAP	Dead branches >2Low vigorPoor branch structureWound-stem
656	Cherry-Black	12	Poor	Low	ASAP	Dead branches >2Dieback (severe)Low vigor
657	Ash-White	19	Poor	Low	ASAP	Dead branches >2Low vigorPoor branch structure
1	Maple-Norway	19	Poor	Low	1	Dead branches >2Fungi/conksLow vigorPoor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
3	Maple-Red	29	Poor	Low	1	 Burl Co-dominant stems Dead branches >2 Decay-stem Dieback (moderate) Included bark
8	Maple-Red	24	Poor	Low	1	 Dead branches >2 Dieback (moderate) Fungi/conks Overextended branch Poor branch structure
20	Maple-Norway	11	Poor	Low	1	 Buried root collar Dead branches > 2 Dieback (severe) Hanger Poor branch structure
24	Maple-Norway	17	Poor	Low	1	 Dead branches >2 Dieback (severe) Fungi/conks Low vigor Poor branch structure
48	Pine-Eastern White	24	Poor	Low	1	Dead branches >2Low vigorPoor branch structure
63	Maple-Sugar	34	Poor	Low	1	 Cavity-stem Dead branches >2 Decay-stem Low vigor Poor branch structure
109	Maple-Norway	19	Poor	Low	1	Buried root collarDead branches >2Dieback (moderate)Low vigor
121	Maple-Sugar	18	Poor	Low	1	 Buried root collar Dead branches > 2 Dieback (moderate) Poor branch structure
123	Arborvitae- Western Redcedar	29	Poor	Low	1	 Buried root collar Dead branches > 2 Dieback (moderate) Flush cuts Low vigor

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
133	Maple-Norway	15	Poor	Low	1	 Buried root collar Dead branches >2 Low vigor Poor branch structure Uneven crown
136	Cherry-Black	13	Poor	Low	1	Co-dominant stemsDead branches > 2Decay-stemUneven crown
137	Maple-Norway	12	Poor	Low	1	 Buried root collar Dead branches > 2 Decay-stem Fungi/conks Low vigor Poor branch structure
140	Maple-Freeman's	24	Poor	Low	1	Dead branches >2Dieback (severe)Girdling roots presentLow vigor
149	Maple-Red	34	Poor	Low	1	 Cavity-stem Co-dominant stems Dead branches >2 Girdling roots present (moderate) Uneven crown
150	Maple-Red	24	Poor	Low	1	Dead branches >2Dieback (severe)Low vigorPoor branch structure
155	Maple-Sugar	16	Poor	Low	1	 Buried root collar Dead branches > 2 Dieback (severe) Low vigor Wound-stem
163	Maple-Norway	17	Poor	Low	1	Cavity-stemDecay-stemLow vigorUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
166	Maple-Norway	14	Poor	Low	1	 Buried root collar Co-dominant stems Dead branches <=2 Fungi/conks Seam Wound-stem
173	Maple-Red	33	Poor	Low	1	Broken branch(s)Co-dominant stemsDecay-stemPoor branch structure
210	Cherry-Black	17	Poor	Low	1	 Co-dominant stems Dead branches > 2 Decay-stem Included bark Low vigor Poor branch structure
238	Maple-Norway	19	Poor	Low	1	 Crack-stem Dead branches >2 Decay-stem Poor branch structure Seam Uneven crown
239	Maple-Norway	19	Poor	Low	1	 Buried root collar Cavity-branch Dead branches >2 Dieback (moderate) Poor branch structure
243	Maple-Norway	17	Poor	Low	1	Co-dominant stemsDieback (moderate)Poor branch structureSeamWound-stem
252	Ash-White	25	Fair	Low	1	Buried root collarCo-dominant stemsDead branches >2Poor branch structure
271	Maple-Sugar	31	Poor	Low	1	Cavity-stemDead branches >2Low vigorUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
272	Maple-Sugar	35	Poor	Low	1	Dead branches >2Decay-stemFlush cutsLow vigor
299	Maple-Norway	30	Poor	Low	1	 Co-dominant stems Dead branches > 2 Decay-stem Storm damage Uneven crown Wound-root flare
308	Maple-Norway	15	Poor	Low	1	Decay-stemWound-stem
312	Maple-Sugar	34	Poor	Low	1	 Cavity-suspected Dead branches >2 Dieback (severe) Girdling roots present Topping/heading cuts
319	Maple-Sugar	22	Poor	Low	1	Cavity-stemDecay-stemPoor branch structureUneven crown
323	Ash-Green	12	Fair	Low	1	Dead branches <=2Poor branch structure
330	Ash-White	22	Poor	Low	1	Broken branch(s)Low vigorPoor branch structureStorm damage
350	Ash-White	14	Poor	Low	1	Dead branches >2Low vigorPoor branch structure
373	Ash-White	6	Fair	Low	1	Dead branches <=2Uneven crown
374	Ash-White	9	Fair	Low	1	Dead branches <=2Poor branch structureUneven crown
393	Maple-Sugar	21	Poor	Low	1	Decay-stemLeanUneven crown
394	Maple-Sugar	31	Poor	Low	1	 Cavity-stem Dead branches >2 Decay-stem Dieback (severe) Poor branch structure

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
444	Cherry-Black	10	Poor	Low	1	 Dead branches >2 Low vigor Poor branch structure Suppressed Uneven crown
446	Ash-White	7	Fair	Low	1	Co-dominant stemsPoor branch structureUneven crown
448	Ash-White	13	Fair	Low	1	Poor branch structureUneven crownWound-stem
449	Cherry-Black	15	Poor	Low	1	 Dead branches >2 Decay-root flare Decay-stem Poor branch structure Uneven crown
450	Cherry-Black	10	Poor	Low	1	Co-dominant stemsDecay-root flarePoor branch structure
452	Maple-Red	24	Poor	Low	1	Dead branches >2Dead/dying stemDieback (severe)
454	Cherry-Black	12	Poor	Low	1	Dead branches >2Decay-stemLow vigorPoor branch structure
456	Elm-American	6	Poor	Low	1	Dead branches >2Poor branch structureTopping/heading cuts
468	Maple-Red	16	Poor	Low	1	Co-dominant stemsDecay-stemPoor branch structureUneven crownWound-stem
473	Cherry-Black	10	Poor	Low	1	Co-dominant stemsDead branches >2Dieback (severe)Uneven crown
478	Cherry-Black	13	Poor	Low	1	 Dead branches >2 Decay-root flare Lean Low vigor Uneven crown

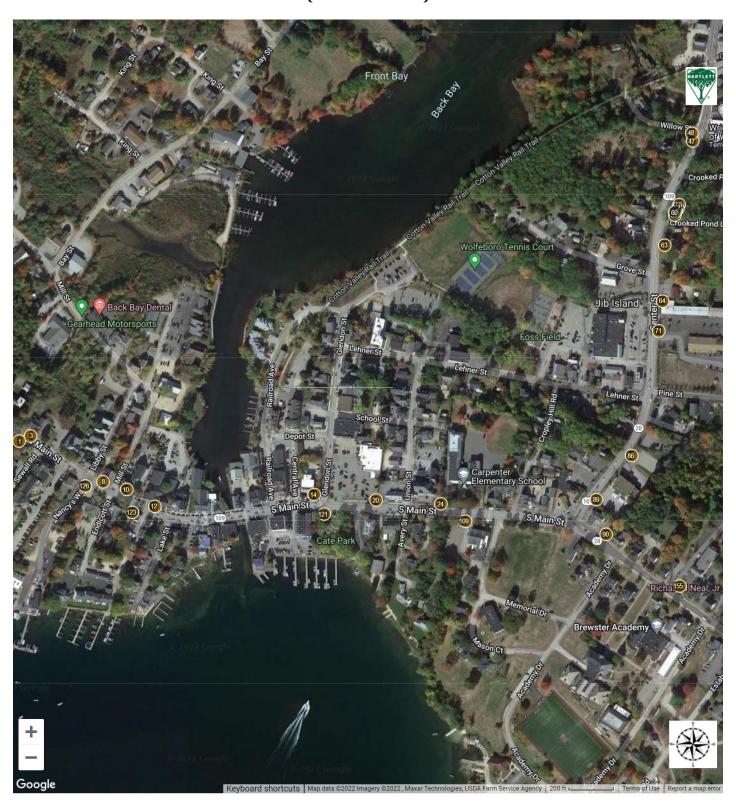
Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
480	Cherry-Black	14	Poor	Low	1	Dead branches >2Dieback (severe)Low vigorPoor branch structure
494	Ash-White	11	Fair	Low	1	Co-dominant stemsDead branches >2Included barkPoor branch structure
495	Ash-White	9	Fair	Low	1	Co-dominant stemsDead branches <=2Poor branch structureUneven crown
505	Ash-White	10	Fair	Low	1	Dead branches >2Poor branch structureUneven crown
517	Ash-White	9	Fair	Low	1	Dead branches <=2Poor branch structureUneven crown
518	Cherry-Black	15	Poor	Low	1	Cavity-stemDead branches >2Decay-stemWound-branch
519	Cherry-Black	8	Poor	Low	1	 Buried root collar Cavity-stem Dead branches >2 Decay-root flare Poor branch structure Uneven crown
521	Cherry-Black	11	Poor	Low	1	Dead branches <=2Low live crown ratioLow vigorUneven crown
524	Ash-White	8	Fair	Low	1	Co-dominant stemsPoor branch structureUneven crown
525	Ash-White	7	Fair	Low	1	Co-dominant stemsDead branches <=2Poor branch structureUneven crown

Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
527	Poplar-Bigtooth Aspen	18	Poor	Low	1	 Cavity-stem Co-dominant stems Decay-stem Included bark Poor branch structure Uneven crown
528	Poplar-Bigtooth Aspen	15	Poor	Low	1	Co-dominant stemsDead branches <=2Decay-root flareDecay-stem
550	Pine-Eastern White	15	Poor	Low	1	Dead branches >2Low vigorWound-stem
558	Maple-Sugar	17	Poor	Low	1	 Broken branch(s) Co-dominant stems Dead branches > 2 Dieback (moderate) Poor branch structure Uneven crown
563	Pine-Eastern White	26	Poor	Low	1	Dead branches >2Decay-stemLow vigorWound-stem
575*	Elm-American	5	Good	Low	1	Poor branch structure
593	Ash-White	15	Fair	Low	1	Co-dominant stemsDead branches <=2Poor branch structure
623	Ash-White	7	Fair	Low	1	Poor branch structureUneven crown
624	Ash-White	13	Fair	Low	1	Poor branch structureUneven crown
636	Ash-White	17	Fair	Low	1	Co-dominant stemsDead branches >2Poor branch structureUneven crown
641*	Spruce-Norway	6	Good	Low	1	• Dead branches <=2
661	Maple-Norway	27	Poor	Low	1	 Dead branches >2 Decay-stem Dieback (moderate) Hanger Poor branch structure

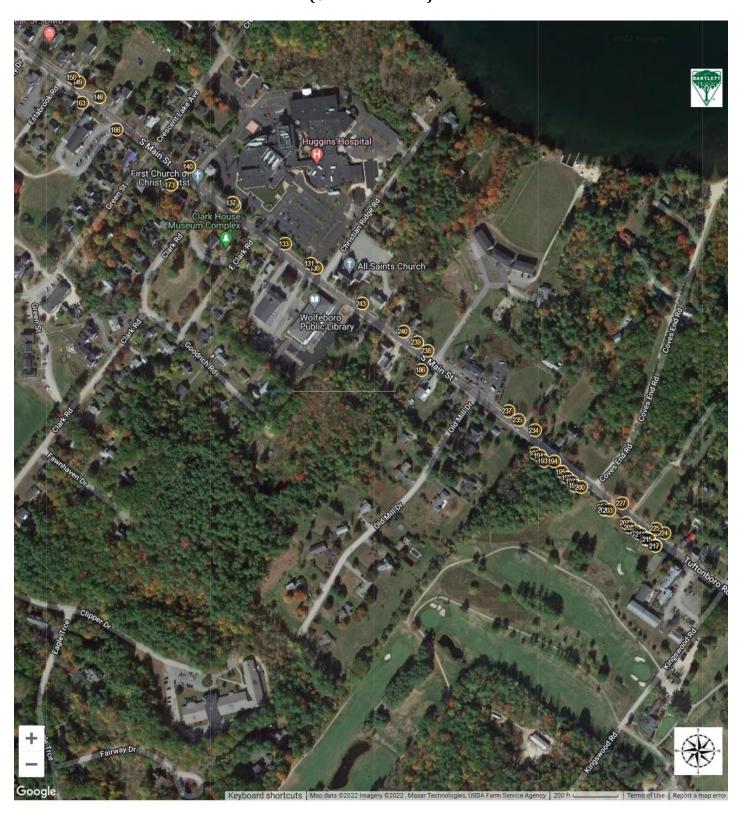
Tree ID	Common Name	DBH	Condition	Overall Tree Risk Rating	Tree & Shrub Work Phase	Defect(s) or Observation(s)
14	Maple-Norway	12	Poor	Low	2	 Buried root collar Co-dominant stems Dead branches >2 Decay-stem Dieback (severe)
64*	Pine-Austrian	12	Good	Low	2	Buried root collarDead branches <=2Poor branch structure
71*	Pear-Callery	6	Poor	Low	2	 Co-dominant stems Dead branches <=2 Dieback (severe) Poor branch structure
86	Maple-Norway	16	Poor	Low	2	 Buried root collar Co-dominant stems Dead branches >2 Decay-stem Uneven crown
131	Maple-Red	10	Poor	Low	2	 Buried root collar Co-dominant stems Dead branches <=2 Low vigor Poor branch structure Wound-stem
209	Cherry-Black	13	Fair	Low	2	Dead branches <=2Poor branch structureUneven crown
224	Hemlock- Canadian	13	Poor	Low	2	Co-dominant stemsDead branches >2Low vigorWound-stem

^{*} Trees that were assigned a poor or unacceptable location value.

INVENTORIED TREES RECOMMENDED FOR REMOVAL (CENTER STREET)



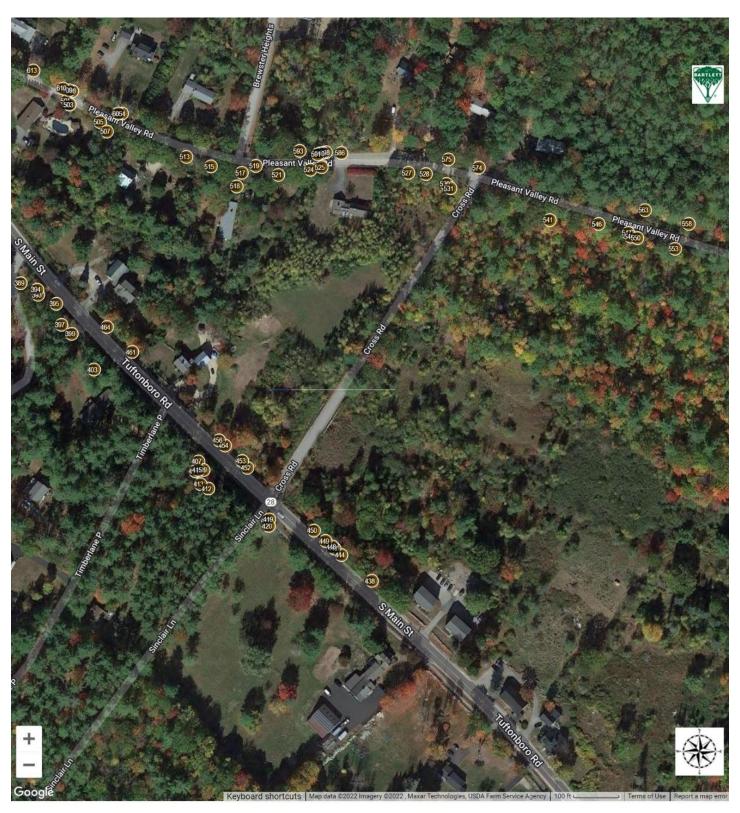
INVENTORIED TREES RECOMMENDED FOR REMOVAL (OLD MILL DRIVE)



INVENTORIED TREES RECOMMENDED FOR REMOVAL (SCOTT ROAD)



INVENTORIED TREES RECOMMENDED FOR REMOVAL (CROSS ROAD)



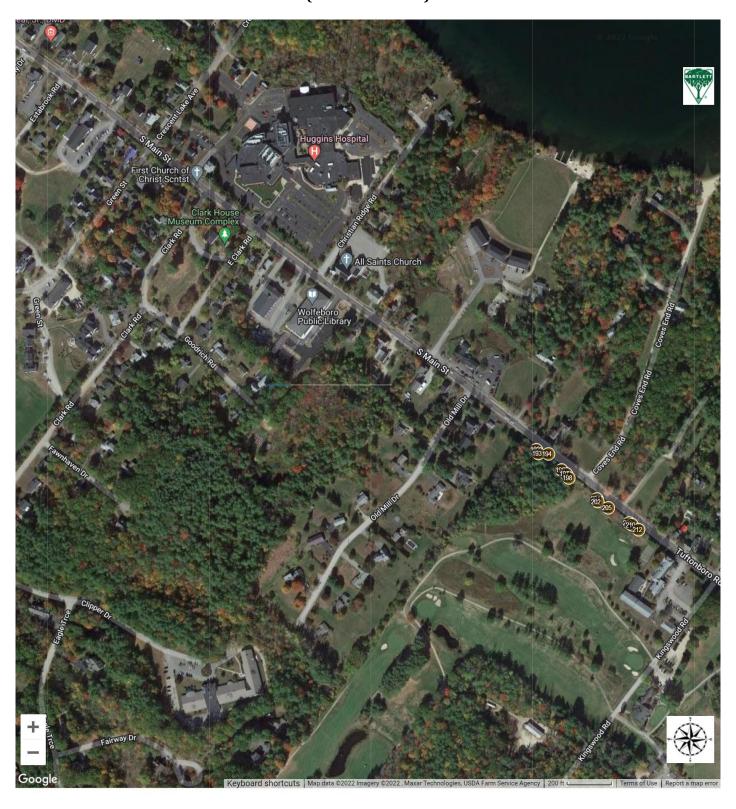
Vine Removal

The following trees were recommended for removal of vines. Vines and suckers can cover the trunk of a tree and hide defects that may be present.

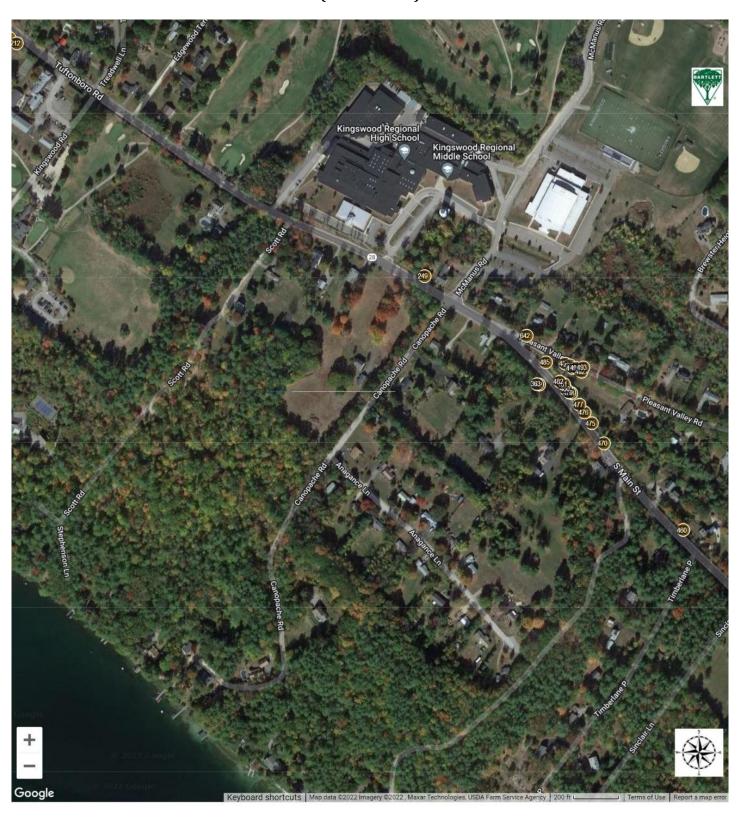
INVENTORIED TREES RECOMMENDED FOR VINE REMOVAL (37 Trees)

Tree ID	Common Name	DBH
192	Oak-White	14
193	Ash-White	18
194	Ash-White	26
196	Ash-White	18
197	Ash-Green	19
198	Ash-Green	10
201	Ash-White	16,10
202	Ash-White	18,16
205	Maple-Red	19,17
209	Cherry-Black	13
210	Cherry-Black	17,15,15
212	Ash-Green	8
249	Maple-Sugar	8
362	Pine-Eastern White	13
363	Pine-Eastern White	13
429	Maple-Red	13
431	Cherry-Black	8,7,4
460	Cherry-Black	19
470	Ash-White	38
475	Ash-White	15,12
476	Ash-White	13
477	Ash-White	14
478	Cherry-Black	13
479	Elm-American	23
480	Cherry-Black	14
481	Elm-American	13
482	Elm-American	23
485	Ash-White	13,11
487	Ash-White	7
489	Ash-White	13,8
490	Ash-White	10,6
491	Ash-White	10
492	Cherry-Black	12,10
493	Maple-Red	14,8,7
586	Ash-White	10,8
591	Ash-White	12
642	Spruce-Norway	10

INVENTORIED TREES RECOMMENDED FOR VINE REMOVAL (OLD MILL DRIVE)



INVENTORIED TREES RECOMMENDED FOR VINE REMOVAL (SCOTT ROAD)



INVENTORIED TREES RECOMMENDED FOR VINE REMOVAL (CROSS ROAD)



ENTIRE INVENTORY



ENTIRE INVENTORY (661 Trees)

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
1	Maple-Norway	Acer	platanoides	19	Large	Semi-mature	Poor	1	\$3,094.00
2	Maple-Red	Acer	rubrum	27	Large	Mature	Fair	2	\$8,583.00
3	Maple-Red	Acer	rubrum	29	Large	Mature	Poor	1	\$5,941.00
4	Maple-Norway	Acer	platanoides	21	Large	Mature	Good		\$8,820.00
5	Maple-Norway	Acer	platanoides	20	Large	Semi-mature	Fair	1	\$5,714.00
6	Maple-Norway	Acer	platanoides	21	Large	Mature	Good	2	\$8,820.00
7	Maple-Norway	Acer	platanoides	19	Large	Semi-mature	Fair	2	\$3,684.00
8	Maple-Red	Acer	rubrum	24	Large	Mature	Poor	1	\$4,069.00
9	Maple-Norway	Acer	platanoides	17	Medium	Semi-mature	Fair	3	\$4,128.00
10	Ash-White	Fraxinus	americana	18	Medium	Semi-mature	Poor	ASAP	\$2,350.10
11	Spruce-Colorado Blue	Picea	pungens	15	Large	Semi-mature	Fair	3	\$2,649.38
12	Tree of Heaven	Ailanthus	altissima	12,9	Medium	Semi-mature	Poor	ASAP	\$190.00
13	Maple-Norway	Acer	platanoides	13	Medium	Semi-mature	Good		\$3,380.00
14	Maple-Norway	Acer	platanoides	12	Medium	Semi-mature	Poor	2	\$1,234.00
15	Maple-Norway	Acer	platanoides	10	Medium	Semi-mature	Fair	2	\$1,428.00
16	Honeylocust- Thornless Common	Gleditsia	<i>triacanthos</i> var. inermis	10	Medium	Semi-mature	Good	3	\$2,154.00
17	Elm-American	Ulmus	americana	5	Medium	Young	Fair		\$215.00
18	Elm-American	Ulmus	americana	5	Medium	Young	Good		\$302.00
19	Elm-American	Ulmus	americana	6	Medium	Young	Good		\$435.00
20	Maple-Norway	Acer	platanoides	11	Medium	Semi-mature	Poor	1	\$740.00
21	Maple-Sugar	Acer	saccharum	2	Medium	Young	Good		\$74.00
22	Elm-American	Ulmus	americana	7	Medium	Young	Good		\$592.00
23	Elm-American	Ulmus	americana	7	Medium	Young	Good		\$592.00
24	Maple-Norway	Acer	platanoides	17	Medium	Semi-mature	Poor	1	\$2,477.00
25	Maple-Norway	Acer	platanoides	20	Large	Semi-mature	Fair	2	\$4,082.00
26	Maple-Norway	Acer	platanoides	24	Large	Mature	Good	2	\$11,521.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
27	Maple-Norway	Acer	platanoides	23	Large	Mature	Fair	1	\$7,557.00
28	Maple-Norway	Acer	platanoides	25	Large	Mature	Fair	1	\$8,929.00
29	Maple-Red	Acer	rubrum	38	Large	Mature	Fair	1	\$22,315.00
30	Maple-Norway	Acer	platanoides	14	Medium	Semi-mature	Good		\$3,920.00
31	Maple-Silver	Acer	saccharinum	19	Large	Semi-mature	Good		\$6,109.00
32	Maple-Norway	Acer	platanoides	11	Large	Semi-mature	Good		\$2,420.00
33	Maple-Norway	Acer	platanoides	11	Large	Semi-mature	Good	2	\$2,420.00
34	Maple-Norway	Acer	platanoides	8	Large	Young	Good		\$1,280.00
35	Maple-Norway	Acer	platanoides	11	Large	Semi-mature	Good	3	\$2,420.00
36	Maple-Norway	Acer	platanoides	9	Large	Young	Good	•••	\$1,620.00
37	Pear-Callery	Pyrus	calleryana	3	Medium	Young	Good		\$89.02
38	Pear-Callery	Pyrus	calleryana	3	Medium	Young	Good	•••	\$89.02
39	Pear-Callery	Pyrus	calleryana	3	Medium	Young	Good		\$89.02
40	Pear-Callery	Pyrus	calleryana	3	Medium	Young	Good		\$89.02
41	Pear-Callery	Pyrus	calleryana	3	Medium	Young	Good		\$89.02
42	Pear-Callery	Pyrus	calleryana	3	Medium	New planting	Good	1	\$89.02
43	Maple-Red	Acer	rubrum	10	Medium	Semi-mature	Fair	3	\$1,177.00
44	Crabapple	Malus	sp.	6	Small	Young	Good	•••	\$775.45
45	Spruce-Norway	Picea	abies	37	Large	Mature	Fair	1	\$24,239.00
46	Maple-Norway	Acer	platanoides	28	Large	Mature	Fair	1	\$11,201.00
47	Pine-Eastern White	Pinus	strobus	35	Large	Mature	Poor	ASAP	\$13,253.00
48	Pine-Eastern White	Pinus	strobus	24	Large	Mature	Poor	1	\$6,456.00
49	Pine-Eastern White	Pinus	strobus	35	Large	Mature	Fair	1	\$22,089.00
50	Oak-White	Quercus	alba	38	Large	Mature	Good		\$39,573.00
51	Oak-White	Quercus	alba	36	Large	Mature	Good		\$36,258.00
52	Maple-Norway	Acer	platanoides	13	Large	Semi-mature	Fair		\$2,414.00
53	Maple-Norway	Acer	platanoides	9	Large	Young	Fair		\$1,157.00
54	Elm-American	Ulmus	americana	29	Large	Mature	Good		\$14,233.00
55	Maple-Norway	Acer	platanoides	11	Medium	Semi-mature	Fair		\$1,728.00
56	Pine-Eastern White	Pinus	strobus	16	Large	Semi-mature	Dead	ASAP	
57	Pine-Eastern White	Pinus	strobus	12	Large	Semi-mature	Dead	ASAP	

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
58	Pine-Eastern White	Pinus	strobus	10	Large	Semi-mature	Dead	ASAP	
59	Pine-Eastern White	Pinus	strobus	16	Large	Semi-mature	Dead	ASAP	
60	Pine-Eastern White	Pinus	strobus	18	Large	Semi-mature	Dead	ASAP	
61	Oak-Northern Red	Quercus	rubra	15	Large	Semi-mature	Fair	1	\$4,698.00
62	Oak-Northern Red	Quercus	rubra	18	Large	Semi-mature	Good	1	\$6,765.00
63	Maple-Sugar	Acer	saccharum	34	Large	Mature	Poor	1	\$12,594.00
64	Pine-Austrian	Pinus	nigra	12	Medium	Semi-mature	Good	2	\$1,234.00
65	Crabapple	Malus	sp.	12	Medium	Semi-mature	Good	3	\$2,215.58
66	Hemlock-Canadian	Tsuga	canadensis	9	Medium	Young	Fair	3	\$1,157.25
67	Pear-Callery	Pyrus	calleryana	6	Medium	Young	Fair		\$152.60
68	Pear-Callery	Pyrus	calleryana	4	Medium	Young	Fair		\$67.82
69	Pear-Callery	Pyrus	calleryana	6	Medium	Young	Good		\$213.65
70	Pear-Callery	Pyrus	calleryana	6	Medium	Young	Good		\$213.65
71	Pear-Callery	Pyrus	calleryana	6	Small	Young	Poor	2	\$91.00
72	Pear-Callery	Pyrus	calleryana	6	Medium	Young	Fair	3	\$254.34
73	Pear-Callery	Pyrus	calleryana	3	Medium	Young	Good		\$89.02
74	Pear-Callery	Pyrus	calleryana	3	Medium	Young	Good		\$89.02
75	Pear-Callery	Pyrus	calleryana	4	Medium	Young	Good		\$158.26
76	Pear-Callery	Pyrus	calleryana	6	Medium	Young	Good	3	\$213.65
77	Pear-Callery	Pyrus	calleryana	3	Medium	New planting	Good	1	\$53.41
78	Pear-Callery	Pyrus	calleryana	3	Medium	Young	Good		\$53.41
79	Pear-Callery	Pyrus	calleryana	3	Medium	New planting	Good	1	\$53.41
80	Pear-Callery	Pyrus	calleryana	3	Medium	New planting	Good	1	\$53.41
81	Pear-Callery	Pyrus	calleryana	3	Medium	Young	Good		\$53.41
82	Maple-Amur	Acer	ginnala	4,4,4,3,3,3	Medium	Young	Fair	3	\$459.00
83	Maple-Sugar	Acer	saccharum	14	Large	Semi-mature	Fair		\$2,615.00
84	Maple-Norway	Acer	platanoides	11	Medium	Semi-mature	Good	2	\$1,037.00
85	Maple-Norway	Acer	platanoides	13	Medium	Semi-mature	Fair		\$2,414.00
86	Maple-Norway	Acer	platanoides	16	Medium	Semi-mature	Poor	2	\$2,194.00
87	Crabapple	Malus	sp.	11	Medium	Semi-mature	Good	3	\$1,117.02
88	Lilac	Syringa	sp.	5,5,4,4	Medium	Semi-mature	Fair	3	\$901.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
89	Maple-Norway	Acer	platanoides	10	Medium	Semi-mature	Dead	ASAP	
90	Ash-Green	Fraxinus	pennsylvanica	21	Large	Mature	Poor	ASAP	\$3,115.00
91	Maple-Norway	Acer	platanoides	5	Medium	Young	Fair		\$255.00
92	Maple-Norway	Acer	platanoides	20	Large	Semi-mature	Fair	2	\$4,082.00
93	Maple-Norway	Acer	platanoides	12	Large	Semi-mature	Good		\$2,057.00
94	Maple-Norway	Acer	platanoides	20	Large	Semi-mature	Good		\$5,714.00
95	Elm-American	Ulmus	americana	10	Medium	Young	Good		\$1,692.00
96	Ash-Green	Fraxinus	pennsylvanica	33	Large	Mature	Fair	1	\$12,526.00
97	Maple-Norway	Acer	platanoides	23	Large	Mature	Good		\$10,580.00
98	Maple-Norway	Acer	platanoides	21	Large	Mature	Fair		\$6,300.00
99	Maple-Norway	Acer	platanoides	16	Large	Semi-mature	Good	2	\$3,657.00
100	Maple-Red	Acer	rubrum	36	Large	Mature	Good	1	\$28,625.00
101	Maple-Red	Acer	rubrum	31	Large	Mature	Fair		\$15,526.00
102	Maple-Norway	Acer	platanoides	19	Large	Semi-mature	Good		\$7,220.00
103	Maple-Norway	Acer	platanoides	24	Large	Semi-mature	Good		\$11,521.00
104	Maple-Norway	Acer	platanoides	15	Large	Semi-mature	Good		\$4,500.00
105	Maple-Norway	Acer	platanoides	19	Large	Semi-mature	Good		\$7,220.00
106	Maple-Sugar	Acer	saccharum	4	Medium	New planting	Good	1	\$418.00
107	Maple-Sugar	Acer	saccharum	4	Medium	New planting	Good		\$418.00
108	Maple-Norway	Acer	platanoides	19	Large	Semi-mature	Good		\$7,220.00
109	Maple-Norway	Acer	platanoides	19	Large	Semi-mature	Poor	1	\$3,094.00
110	Maple-Norway	Acer	platanoides	28	Large	Mature	Good		\$15,681.00
111	Maple-Norway	Acer	platanoides	7	Medium	Young	Good		\$980.00
112	Locust-Black	Robinia	pseudoacacia	5,5	Medium	Young	Good		\$1,077.00
113	Maple-Norway	Acer	platanoides	7,6	Medium	Young	Good		\$1,700.00
114	Elm-American	Ulmus	americana	17	Large	Semi-mature	Good	2	\$4,891.00
115	Maple-Red	Acer	rubrum	24	Large	Mature	Good	2	\$13,293.00
116	Maple-Red	Acer	rubrum	14	Large	Semi-mature	Good		\$4,523.00
117	Maple-Norway	Acer	platanoides	27	Large	Mature	Good	1	\$14,581.00
118	Honeylocust- Thornless Common	Gleditsia	triacanthos var. inermis	12	Medium	Semi-mature	Good		\$2,215.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
119	Honeylocust- Thornless Common	Gleditsia	triacanthos var. inermis	21	Large	Mature	Good	2	\$6,785.00
120	Crabapple	Malus	sp.	13	Small	Semi-mature	Fair	•••	\$2,600.23
121	Maple-Sugar	Acer	saccharum	18	Medium	Semi-mature	Poor	1	\$3,631.00
122	Arborvitae-Western Redcedar	Thuja	plicata	17	Medium	Semi-mature	Good	2	\$5,399.00
123	Arborvitae-Western Redcedar	Thuja	plicata	29	Large	Over-mature	Poor	1	\$9,427.00
124	Honeylocust- Thornless Common	Gleditsia	triacanthos var. inermis	18	Large	Semi-mature	Good		\$6,979.00
125	Honeylocust- Thornless Common	Gleditsia	triacanthos var. inermis	15	Large	Semi-mature	Good	2	\$4,846.00
126	Ash-Green	Fraxinus	pennsylvanica	18	Large	Semi-mature	Poor	ASAP	\$2,289.00
127	Dogwood-Kousa	Cornus	kousa	4	Small	Young	Fair	3	\$263.00
128	Magnolia	Magnolia	sp.	6	Small	Young	Good		\$775.00
129	Dogwood-Kousa	Cornus	kousa	5	Small	Young	Good		\$576.00
130	Maple-Red	Acer	rubrum	10	Medium	Semi-mature	Dead	ASAP	
131	Maple-Red	Acer	rubrum	10	Medium	Semi-mature	Poor	2	\$989.00
132	Maple-Norway	Acer	platanoides	11	Medium	Semi-mature	Fair	3	\$1,728.00
133	Maple-Norway	Acer	platanoides	15	Medium	Semi-mature	Poor	1	\$1,928.00
134	Maple-Red	Acer	rubrum	10	Medium	Semi-mature	Good		\$2,307.00
135	Maple-Freeman's	Acer	x freemanii	21	Medium	Mature	Good		\$9,499.00
136	Cherry-Black	Prunus	serotina	13	Medium	Semi-mature	Poor	1	\$1,002.00
137	Maple-Norway	Acer	platanoides	12	Medium	Semi-mature	Poor	1	\$1,234.00
138	Maple-Norway	Acer	platanoides	18	Medium	Semi-mature	Fair	1	\$4,628.00
139	Maple-Norway	Acer	platanoides	17	Medium	Semi-mature	Fair	2	\$4,128.00
140	Maple-Freeman's	Acer	x freemanii	24	Large	Mature	Poor	1	\$5,317.00
141	Maple-Freeman's	Acer	x freemanii	16	Large	Semi-mature	Good		\$5,514.00
142	Maple-Norway	Acer	platanoides	16	Large	Semi-mature	Good	2	\$5,120.00
143	Maple-Norway	Acer	platanoides	15	Large	Semi-mature	Good		\$4,500.00
144	Maple-Red	Acer	rubrum	25	Large	Mature	Fair	2	\$10,303.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
145	Maple-Norway	Acer	platanoides	15	Large	Semi-mature	Good	2	\$4,500.00
146	Ash-Green	Fraxinus	pennsylvanica	29	Large	Mature	Poor	ASAP	\$8,318.00
147	Maple-Red	Acer	rubrum	25	Large	Mature	Fair	1	\$10,303.00
148	Maple-Red	Acer	rubrum	26	Large	Mature	Fair	1	\$11,143.00
149	Maple-Red	Acer	rubrum	34	Large	Mature	Poor	1	\$11,112.00
150	Maple-Red	Acer	rubrum	24	Large	Mature	Poor	1	\$5,697.00
151	Maple-Red	Acer	rubrum	32	Large	Mature	Fair	1	\$16,538.00
152	Maple-Norway	Acer	platanoides	32	Large	Mature	Fair	ASAP	\$14,333.00
153	Maple-Norway	Acer	platanoides	15	Medium	Semi-mature	Fair		\$3,214.00
154	Crabapple	Malus	sp.	13	Medium	Semi-mature	Good	•••	\$3,640.33
155	Maple-Sugar	Acer	saccharum	16	Medium	Semi-mature	Poor	1	\$2,869.00
156	Maple-Norway	Acer	platanoides	18	Medium	Semi-mature	Fair		\$4,628.00
157	Maple-Norway	Acer	platanoides	22	Large	Mature	Good	1	\$9,680.00
158	Maple-Norway	Acer	platanoides	24	Large	Mature	Good	1	\$11,521.00
159	Maple-Norway	Acer	platanoides	16	Large	Semi-mature	Poor		\$2,194.00
160	Maple-Norway	Acer	platanoides	25	Large	Semi-mature	Good	•••	\$12,501.00
161	Maple-Norway	Acer	platanoides	16	Medium	Semi-mature	Fair		\$3,657.00
162	Maple-Norway	Acer	platanoides	12	Medium	Semi-mature	Good	2	\$2,880.00
163	Maple-Norway	Acer	platanoides	17	Medium	Semi-mature	Poor	1	\$2,477.00
164	Linden-Littleleaf	Tilia	cordata	15	Medium	Semi-mature	Good	2	\$5,192.00
165	Pear-Callery	Pyrus	calleryana	7	Medium	Young	Good		\$678.52
166	Maple-Norway	Acer	platanoides	14	Medium	Semi-mature	Poor	1	\$1,680.00
167	Maple-Red	Acer	rubrum	31	Large	Mature	Fair	1	\$15,526.00
168	Maple-Norway	Acer	platanoides	23	Large	Mature	Fair	1	\$7,557.00
169	Maple-Norway	Acer	platanoides	19	Large	Mature	Fair	1	\$5,157.00
170	Maple-Norway	Acer	platanoides	20	Large	Mature	Fair	2	\$5,714.00
171	Birch-Paper	Betula	papyrifera	15,15,15	Large	Mature	Good		\$15,578.00
172	Hemlock-Canadian	Tsuga	canadensis	31	Large	Mature	Fair	1	\$13,456.00
173	Maple-Red	Acer	rubrum	33	Large	Mature	Poor	1	\$10,522.00
174	Maple-Norway	Acer	platanoides	15	Medium	Semi-mature	Good		\$4,500.00
175	Maple-Norway	Acer	platanoides	18	Medium	Semi-mature	Good		\$6,480.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
176	Maple-Norway	Acer	platanoides	19	Medium	Semi-mature	Good		\$7,220.00
177	Spruce-White	Picea	glauca	4	Medium	Young	Good		\$369.00
178	Oak-Pin	Quercus	palustris	18	Large	Semi-mature	Good		\$8,474.00
179	Maple-Sugar	Acer	saccharum	35	Large	Mature	Fair		\$22,089.00
180	Lilac-Japanese Tree	Syringa	reticulata	8	Medium	Semi-mature	Good	2	\$1,673.00
181	Maple-Silver	Acer	saccharinum	48	Large	Over-mature	Fair	1	\$22,600.00
182	Maple-Norway	Acer	platanoides	19	Medium	Semi-mature	Fair	2	\$5,157.00
183	Maple-Red	Acer	rubrum	26	Large	Mature	Fair	2	\$7,959.00
184	Maple-Norway	Acer	platanoides	25	Large	Mature	Good	2	\$12,501.00
185	Maple-Norway	Acer	platanoides	11	Medium	Semi-mature	Good		\$2,420.00
186	Ash-White	Fraxinus	americana	18	Large	Semi-mature	Poor	ASAP	\$2,350.10
187	Maple-Norway	Acer	platanoides	20	Medium	Semi-mature	Fair		\$5,714.00
188	Maple-Sugar	Acer	saccharum	10	Medium	Young	Good	•••	\$2,615.00
189	Ash-White	Fraxinus	americana	22	Large	Mature	Dead	ASAP	\$0.00
190	Oak-White	Quercus	alba	17	Large	Semi-mature	Good		\$8,448.00
191	Ash-White	Fraxinus	americana	13	Large	Semi-mature	Poor	ASAP	\$1,225.82
192	Oak-White	Quercus	alba	14	Large	Semi-mature	Fair		\$4,092.00
193	Ash-White	Fraxinus	americana	18	Large	Semi-mature	Dead	ASAP	
194	Ash-White	Fraxinus	americana	26	Large	Mature	Dead	ASAP	
195	Ash-White	Fraxinus	americana	20	Large	Mature	Poor	ASAP	\$2,901.00
196	Ash-White	Fraxinus	americana	18	Large	Mature	Dead	ASAP	
197	Ash-Green	Fraxinus	pennsylvanica	19	Large	Semi-mature	Dead	ASAP	
198	Ash-Green	Fraxinus	pennsylvanica	10	Large	Semi-mature	Dead	ASAP	
199	Maple-Sugar	Acer	saccharum	14	Large	Semi-mature	Good		\$5,126.00
200	Ash-White	Fraxinus	americana	21	Large	Mature	Dead	ASAP	\$0.00
201	Ash-White	Fraxinus	americana	16,10	Large	Semi-mature	Poor	ASAP	\$2,582.00
202	Ash-White	Fraxinus	americana	18,16	Large	Semi-mature	Poor	ASAP	\$4,206.00
203	Ash-White	Fraxinus	americana	26	Large	Mature	Dead	ASAP	\$0.00
204	Cherry-Black	Prunus	serotina	10	Medium	Semi-mature	Fair		\$989.00
205	Maple-Red	Acer	rubrum	19,17	Large	Semi-mature	Fair		\$10,715.00
206	Maple-Silver	Acer	saccharinum	25	Large	Mature	Fair		\$7,555.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
207	Ash-White	Fraxinus	americana	26	Large	Mature	Poor	ASAP	\$4,903.00
208	Ash-White	Fraxinus	americana	27	Large	Mature	Poor	ASAP	\$5,287.00
209	Cherry-Black	Prunus	serotina	13	Medium	Semi-mature	Fair	2	\$1,671.00
210	Cherry-Black	Prunus	serotina	17,15,15	Large	Semi-mature	Poor	1	\$4,385.00
211	Ash-Green	Fraxinus	pennsylvanica	8	Large	Semi-mature	Poor	ASAP	\$633.00
212	Ash-Green	Fraxinus	pennsylvanica	8	Large	Semi-mature	Dead	ASAP	
213	Cherry-Black	Prunus	serotina	14	Large	Semi-mature	Dead	ASAP	
214	Ash-Green	Fraxinus	pennsylvanica	8	Large	Semi-mature	Poor	ASAP	\$633.00
215	Ash-Green	Fraxinus	pennsylvanica	10,8	Large	Semi-mature	Poor	ASAP	\$1,622.12
216	Ash-White	Fraxinus	americana	33	Large	Mature	Poor	ASAP	\$7,716.19
217	Ash-White	Fraxinus	americana	9	Large	Semi-mature	Dead	ASAP	\$0.00
218	Poplar-Eastern	Populus	deltoides	27	Large	Mature	Poor	1	\$3,364.00
219	Poplar-Eastern	Populus	deltoides	29	Large	Mature	Fair	1	\$6,469.00
220	Oak-Northern Red	Quercus	rubra	14	Large	Semi-mature	Good		\$5,729.00
221	Maple-Sugar	Acer	saccharum	4	Medium	Young	Good		\$418.00
222	Maple-Norway	Acer	platanoides	19	Large	Semi-mature	Good		\$7,220.00
223	Maple-Norway	Acer	platanoides	25	Large	Mature	Fair	2	\$8,929.00
224	Hemlock-Canadian	Tsuga	canadensis	13	Medium	Semi-mature	Poor	2	\$1,448.00
225	Maple-Red	Acer	rubrum	26	Medium	Mature	Poor	ASAP	\$6,686.00
226	Maple-Red	Acer	rubrum	23	Medium	Mature	Fair	2	\$8,720.00
227	Ash-Green	Fraxinus	pennsylvanica	21	Large	Mature	Poor	ASAP	\$4,361.00
228	Pine-Eastern White	Pinus	strobus	12	Large	Semi-mature	Good		\$3,766.00
229	Maple-Red	Acer	rubrum	31	Large	Mature	Fair	1	\$15,526.67
230	Ash-White	Fraxinus	americana	24	Large	Mature	Fair		\$6,963.26
231	Elm-American	Ulmus	americana	9	Medium	Young	Fair		\$979.00
232	Ash-White	Fraxinus	americana	17	Large	Semi-mature	Fair		\$3,493.72
233	Spruce-Colorado Blue	Picea	pungens	19	Large	Semi-mature	Fair	3	\$5,951.09
234	Ash-White	Fraxinus	americana	15,14,10	Large	Semi-mature	Poor	ASAP	\$3,779.00
235	Ash-White	Fraxinus	americana	26	Large	Mature	Poor	ASAP	\$4,903.00
236	Maple-Norway	Acer	platanoides	13	Medium	Semi-mature	Good		\$3,380.00
237	Ash-Green	Fraxinus	pennsylvanica	21	Large	Mature	Poor	ASAP	\$4,361.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
238	Maple-Norway	Acer	platanoides	19	Large	Semi-mature	Poor	1	\$3,094.00
239	Maple-Norway	Acer	platanoides	19	Large	Semi-mature	Poor	1	\$3,094.00
240	Elm-American	Ulmus	americana	12,8,8	Large	Semi-mature	Poor	ASAP	\$1,972.00
241	Maple-Norway	Acer	platanoides	23	Large	Mature	Good		\$10,580.00
242	Maple-Norway	Acer	platanoides	13	Large	Semi-mature	Good		\$3,380.00
243	Maple-Norway	Acer	platanoides	17	Large	Semi-mature	Poor	1	\$2,477.00
244	Maple-Norway	Acer	platanoides	18	Large	Semi-mature	Fair	2	\$3,306.00
245	Maple-Norway	Acer	platanoides	19	Large	Mature	Good		\$5,157.00
246	Maple-Norway	Acer	platanoides	16	Large	Semi-mature	Good		\$5,120.00
247	Maple-Norway	Acer	platanoides	9	Medium	Young	Fair		\$1,157.00
248	Maple-Norway	Acer	platanoides	9	Medium	Young	Good		\$1,620.00
249	Maple-Sugar	Acer	saccharum	8	Medium	Young	Fair	1	\$1,195.00
250	Maple-Sugar	Acer	saccharum	12	Large	Semi-mature	Good		\$3,766.00
251	Maple-Sugar	Acer	saccharum	10	Large	Semi-mature	Good		\$2,615.00
252	Ash-White	Fraxinus	americana	25	Large	Mature	Fair	1	\$5,396.88
253	Pine-Eastern White	Pinus	strobus	16	Large	Semi-mature	Fair		\$4,782.00
254	Pine-Eastern White	Pinus	strobus	14	Large	Semi-mature	Good		\$5,126.00
255	Pine-Eastern White	Pinus	strobus	15	Large	Semi-mature	Fair		\$4,203.00
256	Ash-White	Fraxinus	americana	18	Medium	Semi-mature	Dead	ASAP	\$0.00
257	Ash-White	Fraxinus	americana	25	Large	Mature	Poor	ASAP	\$4,533.38
258	Ash-White	Fraxinus	americana	19	Large	Mature	Poor	ASAP	\$2,618.48
259	Ash-White	Fraxinus	americana	22	Medium	Mature	Poor	ASAP	\$3,510.65
260	Oak-White	Quercus	alba	45	Large	Mature	Fair	1	\$35,993.00
261	Oak-Northern Red	Quercus	rubra	33	Large	Mature	Good	1	\$31,098.00
262	Horsechestnut- Common	Aesculus	hippocastanum	35	Large	Mature	Poor	ASAP	\$10,135.00
263	Pine-Eastern White	Pinus	strobus	15	Large	Semi-mature	Fair		\$4,203.00
264	Pine-Eastern White	Pinus	strobus	11	Large	Semi-mature	Fair		\$2,260.00
265	Pine-Eastern White	Pinus	strobus	9	Large	Semi-mature	Dead	ASAP	
266	Maple-Norway	Acer	platanoides	10	Large	Semi-mature	Good		\$2,000.00
267	Maple-Norway	Acer	platanoides	11	Large	Semi-mature	Good		\$2,420.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
268	Locust-Black	Robinia	pseudoacacia	23	Large	Mature	Poor	1	\$4,883.00
269	Maple-Norway	Acer	platanoides	10	Large	Semi-mature	Fair		\$1,428.00
270	Ash-White	Fraxinus	americana	22	Large	Mature	Dead	ASAP	\$0.00
271	Maple-Sugar	Acer	saccharum	31	Large	Mature	Poor	1	\$10,558.00
272	Maple-Sugar	Acer	saccharum	35	Large	Mature	Poor	1	\$13,253.00
273	Ash-White	Fraxinus	americana	23	Large	Mature	Fair		\$6,395.00
274	Pine-Eastern White	Pinus	strobus	22	Large	Mature	Good		\$12,659.00
275	Pine-Eastern White	Pinus	strobus	25	Large	Mature	Good		\$16,347.00
276	Pine-Eastern White	Pinus	strobus	22	Large	Mature	Good	2	\$12,659.00
277	Pine-Eastern White	Pinus	strobus	20	Large	Mature	Good		\$10,462.00
278	Pine-Eastern White	Pinus	strobus	45	Large	Mature	Good	1	\$45,086.00
279	Maple-Red	Acer	rubrum	26	Large	Mature	Fair		\$11,143.00
280	Pine-Eastern White	Pinus	strobus	16	Large	Semi-mature	Good	•••	\$6,695.00
281	Pine-Eastern White	Pinus	strobus	15	Large	Semi-mature	Fair		\$4,203.00
282	Pine-Eastern White	Pinus	strobus	23	Large	Mature	Good	1	\$13,836.00
283	Pine-Eastern White	Pinus	strobus	21	Large	Mature	Fair	1	\$8,239.00
284	Hemlock-Canadian	Tsuga	canadensis	17	Large	Semi-mature	Fair	•••	\$4,128.94
285	Pine-Eastern White	Pinus	strobus	37	Large	Mature	Fair	1	\$24,239.00
286	Pine-Eastern White	Pinus	strobus	19	Large	Semi-mature	Fair		\$6,744.00
287	Pine-Eastern White	Pinus	strobus	18,12	Large	Semi-mature	Good		\$12,241.00
288	Pine-Eastern White	Pinus	strobus	17	Large	Semi-mature	Good	1	\$7,559.00
289	Pine-Eastern White	Pinus	strobus	13	Medium	Semi-mature	Fair		\$3,157.00
290	Pine-Eastern White	Pinus	strobus	25	Large	Mature	Good	1	\$16,347.00
291	Pine-Eastern White	Pinus	strobus	25	Large	Mature	Fair	1	\$11,676.00
292	Pine-Eastern White	Pinus	strobus	26	Large	Mature	Good	2	\$17,681.00
293	Ash-White	Fraxinus	americana	19	Large	Mature	Fair		\$4,364.00
294	Cherry-Black	Prunus	serotina	22	Large	Mature	Fair	2	\$4,787.00
295	Crabapple	Malus	sp.	8	Medium	Semi-mature	Good		\$1,378.59
296	Maple-Norway	Acer	platanoides	31	Large	Mature	Poor	1	\$8,073.00
297	Cherry-Black	Prunus	serotina	22,17	Large	Mature	Poor	ASAP	\$4,587.00
298	Cherry-Black	Prunus	serotina	16	Large	Semi-mature	Fair	2	\$2,532.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
299	Maple-Norway	Acer	platanoides	30	Large	Mature	Poor	1	\$7,714.00
300	Cherry-Black	Prunus	serotina	21	Large	Mature	Good		\$6,106.00
301	Pine-Eastern White	Pinus	strobus	25	Large	Mature	Good		\$16,347.00
302	Ash-White	Fraxinus	americana	21	Medium	Mature	Dead	ASAP	\$0.00
303	Maple-Red	Acer	rubrum	20,18,8	Large	Mature	Good	1	\$18,186.00
304	Maple-Norway	Acer	platanoides	13	Large	Semi-mature	Fair		\$2,414.00
305	Maple-Red	Acer	rubrum	15	Large	Semi-mature	Fair		\$3,709.00
306	Maple-Norway	Acer	platanoides	16	Large	Semi-mature	Fair	2	\$3,657.00
307	Maple-Red	Acer	rubrum	21	Large	Mature	Fair		\$7,269.00
308	Maple-Norway	Acer	platanoides	15,10	Large	Semi-mature	Poor	1	\$2,785.00
309	Ash-White	Fraxinus	americana	7	Large	Young	Poor	ASAP	\$355.42
310	Maple-Norway	Acer	platanoides	23	Large	Mature	Fair	•••	\$7,557.00
311	Maple-Norway	Acer	platanoides	28	Large	Mature	Fair		\$11,201.00
312	Maple-Sugar	Acer	saccharum	34	Large	Mature	Poor	1	\$12,594.00
313	Maple-Sugar	Acer	saccharum	31	Large	Mature	Good		\$24,635.00
314	Maple-Norway	Acer	platanoides	23	Large	Mature	Good	•••	\$10,580.00
315	Maple-Sugar	Acer	saccharum	32	Large	Mature	Good		\$26,241.00
316	Maple-Sugar	Acer	saccharum	31	Large	Mature	Fair	•••	\$17,596.00
317	Maple-Sugar	Acer	saccharum	31	Large	Mature	Good		\$24,635.00
318	Maple-Sugar	Acer	saccharum	20	Large	Semi-mature	Dead	ASAP	
319	Maple-Sugar	Acer	saccharum	22	Large	Mature	Poor	1	\$5,425.00
320	Maple-Sugar	Acer	saccharum	28	Large	Mature	Fair		\$14,647.00
321	Locust-Black	Robinia	pseudoacacia	20	Large	Mature	Fair	1	\$6,154.00
322	Ash-Green	Fraxinus	pennsylvanica	16	Large	Mature	Fair	ASAP	\$4,220.16
323	Ash-Green	Fraxinus	pennsylvanica	12	Large	Mature	Fair	1	\$2,373.00
324	Maple-Sugar	Acer	saccharum	15	Large	Mature	Good		\$5,885.00
325	Cherry-Black	Prunus	serotina	7	Medium	Semi-mature	Dead	ASAP	
326	Maple-Sugar	Acer	saccharum	16	Large	Semi-mature	Fair		\$4,782.00
327	Ash-White	Fraxinus	americana	21	Large	Mature	Poor	ASAP	\$3,198.00
328	Maple-Sugar	Acer	saccharum	12	Large	Semi-mature	Good		\$3,766.00
329	Yew	Taxus	sp.	4	Small	Semi-mature	Fair		\$246.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
330	Ash-White	Fraxinus	americana	22	Medium	Mature	Poor	1	\$3,510.65
331	Oak-White	Quercus	alba	18	Large	Semi-mature	Good		\$9,471.00
332	Maple-Red	Acer	rubrum	13	Large	Semi-mature	Good		\$3,900.00
333	Oak-Northern Red	Quercus	rubra	30	Large	Mature	Good	1	\$26,310.00
334	Pine-Eastern White	Pinus	strobus	29	Large	Mature	Fair	1	\$15,712.00
335	Pine-Eastern White	Pinus	strobus	26	Large	Mature	Fair	2	\$12,629.00
336	Oak-Northern Red	Quercus	rubra	21	Large	Mature	Good		\$12,891.00
337	Pine-Eastern White	Pinus	strobus	27	Large	Mature	Fair	2	\$13,619.00
338	Pine-Eastern White	Pinus	strobus	24	Large	Mature	Good	2	\$15,065.00
339	Oak-Northern Red	Quercus	rubra	18,12	Large	Semi-mature	Good	2	\$13,681.00
340	Maple-Red	Acer	rubrum	15	Large	Semi-mature	Good		\$5,192.00
341	Ash-White	Fraxinus	americana	15	Medium	Semi-mature	Dead	ASAP	\$0.00
342	Ash-White	Fraxinus	americana	11	Medium	Semi-mature	Poor	ASAP	\$877.66
343	Ash-White	Fraxinus	americana	19,7	Large	Semi-mature	Poor	ASAP	\$2,973.89
344	Ash-White	Fraxinus	americana	10,7	Large	Semi-mature	Poor	ASAP	\$1,080.76
345	Pine-Eastern White	Pinus	strobus	26	Large	Mature	Good	1	\$17,681.00
346	Cherry-Black	Prunus	serotina	6	Medium	Young	Dead	ASAP	
347	Ash-Green	Fraxinus	pennsylvanica	15,6,5	Large	Semi-mature	Poor	ASAP	\$2,828.83
348	Maple-Sugar	Acer	saccharum	10,7	Large	Semi-mature	Good		\$3,897.00
349	Pine-Eastern White	Pinus	strobus	17	Large	Semi-mature	Fair	2	\$5,399.00
350	Ash-White	Fraxinus	americana	14	Large	Semi-mature	Poor	1	\$1,421.67
351	Maple-Norway	Acer	platanoides	8	Large	Semi-mature	Good		\$1,280.00
352	Ash-White	Fraxinus	americana	10	Large	Semi-mature	Dead	ASAP	\$0.00
353	Pine-Eastern White	Pinus	strobus	19	Large	Semi-mature	Good	1	\$9,442.00
354	Pine-Eastern White	Pinus	strobus	18	Large	Semi-mature	Fair	1	\$6,053.00
355	Pine-Eastern White	Pinus	strobus	22	Large	Semi-mature	Fair		\$9,042.00
356	Pine-Eastern White	Pinus	strobus	21	Large	Semi-mature	Good	1	\$11,534.00
357	Pine-Eastern White	Pinus	strobus	21	Large	Mature	Good	1	\$11,534.00
358	Pine-Eastern White	Pinus	strobus	21	Large	Mature	Fair		\$8,239.00
359	Pine-Eastern White	Pinus	strobus	17	Large	Mature	Fair	1	\$5,399.00
360	Pine-Eastern White	Pinus	strobus	24	Large	Mature	Fair		\$10,761.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
361	Ash-White	Fraxinus	americana	10,8	Large	Semi-mature	Poor	ASAP	\$1,189.56
362	Pine-Eastern White	Pinus	strobus	13	Large	Semi-mature	Dead	ASAP	
363	Pine-Eastern White	Pinus	strobus	13	Large	Semi-mature	Poor	ASAP	\$1,894.00
364	Ash-White	Fraxinus	americana	12	Large	Semi-mature	Poor	ASAP	\$1,044.49
365	Ash-White	Fraxinus	americana	6	Medium	Semi-mature	Dead	ASAP	\$0.00
366	Ash-White	Fraxinus	americana	21	Large	Mature	Poor	ASAP	\$3,198.75
367	Pine-Eastern White	Pinus	strobus	25,23	Large	Mature	Fair	1	\$21,560.00
368	Pine-Eastern White	Pinus	strobus	21	Large	Mature	Good	•••	\$11,534.00
369	Cherry-Black	Prunus	serotina	10	Large	Semi-mature	Good		\$1,384.00
370	Locust-Black	Robinia	pseudoacacia	10	Large	Semi-mature	Fair		\$1,538.00
371	Cherry-Black	Prunus	serotina	10	Large	Semi-mature	Fair		\$989.00
372	Locust-Black	Robinia	pseudoacacia	13	Large	Semi-mature	Fair		\$2,600.00
373	Ash-White	Fraxinus	americana	6	Medium	Young	Fair	1	\$435.20
374	Ash-White	Fraxinus	americana	9	Medium	Semi-mature	Fair	1	\$979.21
375	Maple-Sugar	Acer	saccharum	6	Medium	Young	Good		\$941.00
376	Maple-Sugar	Acer	saccharum	8	Medium	Semi-mature	Good	1	\$1,673.00
377	Ash-White	Fraxinus	americana	15,14	Large	Semi-mature	Poor	ASAP	\$3,053.68
378	Maple-Norway	Acer	platanoides	26	Large	Mature	Fair	1	\$9,658.00
379	Maple-Sugar	Acer	saccharum	46	Large	Mature	Poor	1	\$19,876.00
380	Maple-Sugar	Acer	saccharum	13	Large	Semi-mature	Good		\$4,420.00
381	Maple-Sugar	Acer	saccharum	14	Large	Semi-mature	Good		\$5,126.00
382	Maple-Sugar	Acer	saccharum	12	Large	Semi-mature	Fair		\$2,690.00
383	Ash-White	Fraxinus	americana	18	Large	Semi-mature	Poor	ASAP	\$2,350.10
384	Maple-Sugar	Acer	saccharum	11	Large	Semi-mature	Fair		\$2,260.00
385	Maple-Sugar	Acer	saccharum	12,12	Large	Semi-mature	Fair	2	\$5,380.00
386	Ash-White	Fraxinus	americana	10	Large	Semi-mature	Poor	ASAP	\$725.34
387	Maple-Sugar	Acer	saccharum	17	Large	Semi-mature	Fair		\$5,399.00
388	Maple-Sugar	Acer	saccharum	19	Large	Semi-mature	Good		\$9,442.00
389	Maple-Sugar	Acer	saccharum	15	Medium	Semi-mature	Dead	ASAP	
390	Oak-Northern Red	Quercus	rubra	10	Large	Semi-mature	Good		\$2,923.00
391	Hickory-Shagbark	Carya	ovata	10	Large	Semi-mature	Good		\$2,154.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
392	Maple-Sugar	Acer	saccharum	18	Large	Semi-mature	Fair		\$6,053.00
393	Maple-Sugar	Acer	saccharum	21	Medium	Mature	Poor	1	\$4,943.00
394	Maple-Sugar	Acer	saccharum	31	Large	Mature	Poor	1	\$10,558.00
395	Maple-Sugar	Acer	saccharum	25	Medium	Mature	Dead	ASAP	
396	Pine-Eastern White	Pinus	strobus	14	Large	Semi-mature	Fair	1	\$3,661.00
397	Maple-Sugar	Acer	saccharum	28	Large	Mature	Poor	ASAP	\$8,788.00
398	Hickory-Shagbark	Carya	ovata	16	Large	Semi-mature	Good	•••	\$5,514.00
399	Maple-Sugar	Acer	saccharum	30	Large	Mature	Poor	ASAP	\$10,088.00
400	Oak-Northern Red	Quercus	rubra	13	Large	Semi-mature	Good		\$4,940.00
401	Pine-Eastern White	Pinus	strobus	21	Large	Mature	Fair	1	\$8,239.00
402	Pine-Eastern White	Pinus	strobus	11	Large	Semi-mature	Fair	2	\$2,260.00
403	Maple-Sugar	Acer	saccharum	32	Medium	Mature	Dead	ASAP	
404	Pine-Eastern White	Pinus	strobus	36	Large	Mature	Good		\$32,441.00
405	Pine-Eastern White	Pinus	strobus	24	Large	Mature	Fair	1	\$10,761.00
406	Pine-Eastern White	Pinus	strobus	25	Large	Mature	Fair	2	\$11,676.00
407	Maple-Sugar	Acer	saccharum	14,14	Large	Semi-mature	Poor	ASAP	\$4,394.00
408	Maple-Red	Acer	rubrum	12	Large	Semi-mature	Good		\$3,323.00
409	Pine-Eastern White	Pinus	strobus	10	Large	Semi-mature	Dead	ASAP	
410	Oak-White	Quercus	alba	14	Large	Semi-mature	Good		\$5,729.00
411	Oak-White	Quercus	alba	15	Large	Semi-mature	Good		\$6,577.00
412	Pine-Eastern White	Pinus	strobus	18	Large	Semi-mature	Dead	ASAP	
413	Pine-Eastern White	Pinus	strobus	19,12	Large	Semi-mature	Dead	ASAP	
414	Pine-Eastern White	Pinus	strobus	10	Large	Semi-mature	Dead	ASAP	
415	Pine-Eastern White	Pinus	strobus	9	Large	Semi-mature	Dead	ASAP	
416	Pine-Eastern White	Pinus	strobus	33	Large	Mature	Good	1	\$27,825.00
417	Pine-Eastern White	Pinus	strobus	11,10	Large	Semi-mature	Good		\$5,780.00
418	Maple-Red	Acer	rubrum	22	Large	Mature	Poor	ASAP	\$4,787.00
419	Pine-Eastern White	Pinus	strobus	36	Large	Mature	Poor	ASAP	\$13,903.00
420	Elm-American	Ulmus	americana	16	Large	Semi-mature	Poor	ASAP	\$1,856.00
421	Maple-Red	Acer	rubrum	11,6,6,6	Medium	Semi-mature	Fair		\$3,775.00
422	Pine-Eastern White	Pinus	strobus	37	Large	Mature	Good	1	\$33,935.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
423	Maple-Sugar	Acer	saccharum	7,6	Large	Young	Good		\$2,223.00
424	Maple-Sugar	Acer	saccharum	16,12	Large	Semi-mature	Fair	1	\$7,473.00
425	Oak-Northern Red	Quercus	rubra	24	Large	Mature	Good		\$16,838.00
426	Maple-Sugar	Acer	saccharum	9	Large	Semi-mature	Fair		\$1,513.00
427	Pine-Eastern White	Pinus	strobus	35	Large	Mature	Good	1	\$30,925.00
428	Maple-Red	Acer	rubrum	11	Large	Semi-mature	Good		\$2,792.00
429	Maple-Red	Acer	rubrum	13	Large	Semi-mature	Fair		\$2,785.00
430	Maple-Red	Acer	rubrum	26	Large	Mature	Fair		\$11,143.00
431	Cherry-Black	Prunus	serotina	8,7,4	Large	Young	Fair		\$1,275.00
432	Oak-Northern Red	Quercus	rubra	9	Large	Young	Good	•••	\$2,367.00
433	Maple-Red	Acer	rubrum	10	Large	Semi-mature	Fair		\$1,648.00
434	Oak-Northern Red	Quercus	rubra	33	Large	Mature	Good	1	\$31,098.00
435	Oak-Northern Red	Quercus	rubra	33	Large	Mature	Fair	1	\$22,213.00
436	Maple-Sugar	Acer	saccharum	13	Large	Semi-mature	Fair		\$3,157.00
437	Maple-Sugar	Acer	saccharum	14	Large	Semi-mature	Fair		\$3,661.00
438	Maple-Sugar	Acer	saccharum	11	Large	Semi-mature	Dead	ASAP	
439	Maple-Sugar	Acer	saccharum	10	Large	Semi-mature	Good		\$2,615.00
440	Maple-Sugar	Acer	saccharum	10	Large	Semi-mature	Good	•••	\$2,615.00
441	Oak-White	Quercus	alba	17,15	Large	Semi-mature	Good		\$15,025.00
442	Maple-Red	Acer	rubrum	10	Large	Semi-mature	Good	•••	\$2,307.00
443	Cherry-Black	Prunus	serotina	15	Large	Semi-mature	Fair	2	\$2,225.00
444	Cherry-Black	Prunus	serotina	10	Large	Semi-mature	Poor	1	\$593.00
445	Maple-Red	Acer	rubrum	18	Large	Semi-mature	Good		\$7,477.00
446	Ash-White	Fraxinus	americana	7	Medium	Young	Fair	1	\$592.36
447	Ash-White	Fraxinus	americana	8	Large	Young	Poor	ASAP	\$464.22
448	Ash-White	Fraxinus	americana	13	Large	Semi-mature	Fair	1	\$2,043.04
449	Cherry-Black	Prunus	serotina	15	Large	Semi-mature	Poor	1	\$1,335.00
450	Cherry-Black	Prunus	serotina	10,9,9,4	Large	Semi-mature	Poor	1	\$1,649.00
451	Maple-Red	Acer	rubrum	24	Large	Mature	Good		\$13,293.00
452	Maple-Red	Acer	rubrum	24	Large	Mature	Poor	1	\$5,697.00
453	Elm-American	Ulmus	americana	8	Large	Young	Dead	ASAP	

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
454	Cherry-Black	Prunus	serotina	12	Large	Semi-mature	Poor	1	\$854.00
455	Cherry-Black	Prunus	serotina	12	Large	Semi-mature	Fair		\$1,424.00
456	Elm-American	Ulmus	americana	6,4,4	Medium	Young	Poor	1	\$493.00
457	Maple-Red	Acer	rubrum	18,13	Large	Semi-mature	Fair	2	\$8,127.00
458	Maple-Red	Acer	rubrum	16,11,9	Large	Semi-mature	Good		\$10,570.00
459	Maple-Red	Acer	rubrum	14,14	Large	Semi-mature	Good		\$9,046.00
460	Cherry-Black	Prunus	serotina	19	Large	Mature	Fair	2	\$3,570.00
461	Elm-American	Ulmus	americana	8,6,5,4	Large	Semi-mature	Dead	ASAP	
462	Maple-Sugar	Acer	saccharum	16,6,4	Large	Semi-mature	Good		\$8,056.00
463	Hickory-Shagbark	Carya	ovata	23	Large	Mature	Good	1	\$11,394.00
464	Elm-American	Ulmus	americana	2	Large	Mature	Dead	ASAP	
465	Maple-Red	Acer	rubrum	25	Large	Mature	Poor	1	\$6,181.00
466	Pine-Eastern White	Pinus	strobus	15,11	Large	Mature	Good		\$9,050.00
467	Pine-Eastern White	Pinus	strobus	10	Large	Semi-mature	Fair		\$1,868.00
468	Maple-Red	Acer	rubrum	16	Large	Semi-mature	Poor	1	\$2,532.00
469	Ash-White	Fraxinus	americana	13,11	Large	Semi-mature	Poor	ASAP	\$2,103.49
470	Ash-White	Fraxinus	americana	38	Large	Mature	Dead	ASAP	
471	Maple-Norway	Acer	platanoides	12	Large	Semi-mature	Good		\$2,880.00
472	Cherry-Black	Prunus	serotina	11	Large	Semi-mature	Fair	2	\$1,196.00
473	Cherry-Black	Prunus	serotina	10	Large	Semi-mature	Poor	1	\$593.00
474	Ash-White	Fraxinus	americana	8	Large	Young	Poor	ASAP	\$464.00
475	Ash-White	Fraxinus	americana	15,12	Large	Semi-mature	Poor	ASAP	\$2,676.00
476	Ash-White	Fraxinus	americana	13	Large	Semi-mature	Poor	ASAP	\$1,225.00
477	Ash-White	Fraxinus	americana	14	Large	Semi-mature	Poor	ASAP	\$1,421.00
478	Cherry-Black	Prunus	serotina	13	Medium	Semi-mature	Poor	1	\$1,002.00
479	Elm-American	Ulmus	americana	23	Large	Mature	Dead	ASAP	
480	Cherry-Black	Prunus	serotina	14	Large	Semi-mature	Poor	1	\$1,163.00
481	Elm-American	Ulmus	americana	13	Medium	Semi-mature	Dead	ASAP	
482	Elm-American	Ulmus	americana	23	Large	Mature	Dead	ASAP	
483	Ash-White	Fraxinus	americana	26	Large	Mature	Dead	ASAP	\$0.00
484	Ash-White	Fraxinus	americana	17	Large	Mature	Poor	ASAP	\$2,096.23

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
485	Ash-White	Fraxinus	americana	13,11	Large	Semi-mature	Poor	ASAP	\$2,103.00
486	Cherry-Black	Prunus	serotina	12	Medium	Semi-mature	Fair	1	\$1,424.00
487	Ash-White	Fraxinus	americana	7	Medium	Young	Poor	ASAP	\$355.00
488	Oak-Northern Red	Quercus	rubra	18	Large	Mature	Good		\$9,471.00
489	Ash-White	Fraxinus	americana	13,8	Large	Semi-mature	Poor	ASAP	\$1,690.00
490	Ash-White	Fraxinus	americana	10,6	Medium	Semi-mature	Poor	ASAP	\$986.00
491	Ash-White	Fraxinus	americana	10	Large	Semi-mature	Poor	ASAP	\$725.00
492	Cherry-Black	Prunus	serotina	12,10	Medium	Semi-mature	Dead	ASAP	
493	Maple-Red	Acer	rubrum	14,8,7	Large	Semi-mature	Good		\$7,131.00
494	Ash-White	Fraxinus	americana	11,9,6	Large	Semi-mature	Fair	1	\$2,877.18
495	Ash-White	Fraxinus	americana	9,8	Large	Semi-mature	Fair	1	\$1,752.90
496	Maple-Norway	Acer	platanoides	11	Large	Semi-mature	Good		\$2,420.00
497	Maple-Norway	Acer	platanoides	10	Large	Semi-mature	Good		\$2,000.00
498	Oak-Northern Red	Quercus	rubra	23,22,21	Large	Mature	Good	1	\$42,505.00
499	Oak-Northern Red	Quercus	rubra	29	Large	Mature	Good	1	\$24,585.00
500	Ash-White	Fraxinus	americana	11	Medium	Semi-mature	Fair		\$1,462.00
501	Elm-American	Ulmus	americana	9,9,5	Medium	Semi-mature	Dead	ASAP	
502	Ash-White	Fraxinus	americana	10	Medium	Semi-mature	Poor	ASAP	\$725.34
503	Ash-White	Fraxinus	americana	6	Medium	Young	Poor	ASAP	\$261.12
504	Maple-Red	Acer	rubrum	13,13,13,12,8	Large	Semi-mature	Poor	1	\$7,072.00
505	Ash-White	Fraxinus	americana	10	Large	Semi-mature	Fair	1	\$1,208.90
506	Oak-Northern Red	Quercus	rubra	18	Large	Semi-mature	Good	1	\$9,471.00
507	Cherry-Black	Prunus	serotina	9	Medium	Semi-mature	Dead	ASAP	
508	Oak-Northern Red	Quercus	rubra	10	Medium	Semi-mature	Good		\$2,923.00
509	Maple-Red	Acer	rubrum	14	Large	Semi-mature	Fair	1	\$3,231.00
510	Oak-Northern Red	Quercus	rubra	12	Large	Semi-mature	Good		\$4,209.00
511	Oak-Northern Red	Quercus	rubra	26	Large	Mature	Fair	1	\$14,115.00
512	Cherry-Black	Prunus	serotina	12	Large	Semi-mature	Good		\$1,994.00
513	Ash-White	Fraxinus	americana	18	Large	Semi-mature	Poor	ASAP	\$2,350.10
514	Oak-Northern Red	Quercus	rubra	23	Large	Mature	Fair	1	\$11,046.00
515	Elm-American	Ulmus	americana	9	Large	Semi-mature	Dead	ASAP	

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
516	Oak-Northern Red	Quercus	rubra	23,21,19,16,16,10	Large	Mature	Good	1	\$56,800.00
517	Ash-White	Fraxinus	americana	9	Large	Semi-mature	Fair	1	\$979.21
518	Cherry-Black	Prunus	serotina	15	Large	Semi-mature	Poor	1	\$1,335.00
519	Cherry-Black	Prunus	serotina	8	Large	Semi-mature	Poor	1	\$379.00
520	Maple-Red	Acer	rubrum	16,15,11,11	Large	Semi-mature	Good	1	\$16,686.00
521	Cherry-Black	Prunus	serotina	11	Large	Semi-mature	Poor	1	\$718.00
522	Oak-Northern Red	Quercus	rubra	21	Large	Mature	Good	1	\$12,891.00
523	Oak-Northern Red	Quercus	rubra	33	Large	Mature	Good	1	\$31,098.00
524	Ash-White	Fraxinus	americana	8,4	Large	Young	Fair	1	\$967.00
525	Ash-White	Fraxinus	americana	7	Medium	Young	Fair	1	\$592.36
526	Oak-Northern Red	Quercus	rubra	11	Large	Semi-mature	Good		\$3,537.00
527	Poplar-Bigtooth Aspen	Populus	grandidentata	18,16	Large	Semi-mature	Poor	1	\$5,354.00
528	Poplar-Bigtooth Aspen	Populus	grandidentata	15	Large	Semi-mature	Poor	1	\$2,077.00
529	Poplar-Bigtooth Aspen	Populus	grandidentata	18	Large	Semi-mature	Fair	2	\$4,985.00
530	Elm-American	Ulmus	americana	5,5	Medium	Young	Dead	ASAP	
531	Elm-American	Ulmus	americana	8,6,6,6,3	Medium	Young	Dead	ASAP	
532	Maple-Red	Acer	rubrum	23	Large	Mature	Good		\$12,208.00
533	Maple-Red	Acer	rubrum	12	Large	Semi-mature	Good		\$3,323.00
534	Maple-Red	Acer	rubrum	14	Large	Semi-mature	Good		\$4,523.00
535	Maple-Red	Acer	rubrum	11	Large	Semi-mature	Good		\$2,792.00
536	Maple-Red	Acer	rubrum	13	Large	Semi-mature	Fair		\$2,785.00
537	Oak-Northern Red	Quercus	rubra	17	Large	Semi-mature	Good	1	\$8,448.00
538	Maple-Red	Acer	rubrum	15	Large	Semi-mature	Good		\$5,192.00
539	Pine-Eastern White	Pinus	strobus	24	Large	Mature	Good	1	\$15,065.00
540	Pine-Eastern White	Pinus	strobus	11	Large	Semi-mature	Good		\$3,164.00
541	Pine-Eastern White	Pinus	strobus	10	Medium	Semi-mature	Dead	ASAP	
542	Oak-Northern Red	Quercus	rubra	21	Large	Mature	Good		\$12,891.00
543	Maple-Red	Acer	rubrum	10	Large	Semi-mature	Good		\$2,307.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
544	Maple-Red	Acer	rubrum	12	Large	Semi-mature	Fair		\$2,373.00
545	Oak-Northern Red	Quercus	rubra	15	Large	Semi-mature	Good	1	\$6,577.00
546	Pine-Eastern White	Pinus	strobus	16	Large	Semi-mature	Dead	ASAP	
547	Pine-Eastern White	Pinus	strobus	20	Large	Mature	Dead	ASAP	
548	Pine-Eastern White	Pinus	strobus	16	Large	Mature	Poor	ASAP	\$2,869.00
549	Oak-Northern Red	Quercus	rubra	20	Large	Mature	Good	1	\$11,693.00
550	Pine-Eastern White	Pinus	strobus	15	Large	Mature	Poor	1	\$2,522.00
551	Maple-Red	Acer	rubrum	16	Large	Mature	Fair		\$4,220.00
552	Maple-Red	Acer	rubrum	13	Large	Semi-mature	Good		\$3,900.00
553	Ash-White	Fraxinus	americana	8	Large	Young	Poor	ASAP	\$464.22
554	Pine-Eastern White	Pinus	strobus	23	Large	Mature	Fair	1	\$9,883.00
555	Maple-Sugar	Acer	saccharum	15	Large	Semi-mature	Good		\$5,885.00
556	Maple-Sugar	Acer	saccharum	21	Large	Mature	Good		\$11,534.00
557	Maple-Red	Acer	rubrum	18	Large	Semi-mature	Good		\$7,477.00
558	Maple-Sugar	Acer	saccharum	17	Large	Semi-mature	Poor	1	\$3,239.00
559	Maple-Sugar	Acer	saccharum	15	Large	Semi-mature	Good		\$5,885.00
560	Maple-Sugar	Acer	saccharum	11	Large	Semi-mature	Fair		\$2,260.00
561	Maple-Sugar	Acer	saccharum	14	Large	Semi-mature	Good		\$5,126.00
562	Maple-Sugar	Acer	saccharum	17	Large	Semi-mature	Good		\$7,559.00
563	Pine-Eastern White	Pinus	strobus	26	Large	Mature	Poor	1	\$7,577.00
564	Maple-Sugar	Acer	saccharum	15	Large	Semi-mature	Fair		\$4,203.00
565	Oak-Black	Quercus	velutina	22	Large	Mature	Good	1	\$14,148.00
566	Maple-Sugar	Acer	saccharum	26	Large	Mature	Good		\$17,681.00
567	Pine-Eastern White	Pinus	strobus	37	Large	Mature	Fair	1	\$24,239.00
568	Maple-Sugar	Acer	saccharum	31	Large	Mature	Good	2	\$24,635.00
569	Pine-Eastern White	Pinus	strobus	30	Large	Mature	Good	1	\$23,540.00
570	Pine-Eastern White	Pinus	strobus	24	Large	Mature	Fair	1	\$10,761.00
571	Maple-Red	Acer	rubrum	25,13	Large	Mature	Fair		\$13,089.00
572	Pine-Eastern White	Pinus	strobus	22,10	Large	Mature	Good	1	\$15,275.00
573	Pine-Eastern White	Pinus	strobus	26	Large	Mature	Good	1	\$17,681.00
574	Ash-White	Fraxinus	americana	37	Large	Mature	Poor	ASAP	\$9,410.80

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
575	Elm-American	Ulmus	americana	5	Medium	Young	Good	1	\$181.00
576	Oak-Northern Red	Quercus	rubra	33	Large	Mature	Good	1	\$31,098.00
577	Maple-Red	Acer	rubrum	20	Large	Mature	Fair	2	\$6,594.00
578	Pine-Eastern White	Pinus	strobus	11	Large	Semi-mature	Fair	2	\$2,260.00
579	Oak-Northern Red	Quercus	rubra	35	Large	Mature	Good		\$34,563.00
580	Oak-Northern Red	Quercus	rubra	15,9	Large	Semi-mature	Good	•••	\$8,945.00
581	Oak-Northern Red	Quercus	rubra	19	Large	Semi-mature	Fair	2	\$7,538.00
582	Oak-Northern Red	Quercus	rubra	35	Large	Mature	Good	2	\$34,563.00
583	Pine-Eastern White	Pinus	strobus	11	Large	Semi-mature	Good	2	\$3,164.00
584	Pine-Eastern White	Pinus	strobus	28	Large	Mature	Good	2	\$20,506.00
585	Maple-Red	Acer	rubrum	25	Large	Mature	Good	2	\$14,424.00
586	Ash-White	Fraxinus	americana	10,8	Large	Semi-mature	Poor	ASAP	\$1,189.00
587	Poplar-Bigtooth Aspen	Populus	grandidentata	13	Large	Semi-mature	Good		\$3,640.00
588	Poplar-Bigtooth Aspen	Populus	grandidentata	17	Large	Semi-mature	Dead	ASAP	
589	Ash-White	Fraxinus	americana	10	Large	Semi-mature	Poor	ASAP	\$725.34
590	Poplar-Bigtooth Aspen	Populus	grandidentata	15	Large	Semi-mature	Dead	ASAP	
591	Ash-White	Fraxinus	americana	12	Large	Semi-mature	Poor	ASAP	\$1,044.00
592	Oak-Northern Red	Quercus	rubra	10	Large	Semi-mature	Good		\$2,923.00
593	Ash-White	Fraxinus	americana	15	Large	Semi-mature	Fair	1	\$2,720.03
594	Maple-Red	Acer	rubrum	17	Large	Semi-mature	Good		\$6,669.00
595	Pine-Eastern White	Pinus	strobus	14	Large	Semi-mature	Good	2	\$5,126.00
596	Oak-Northern Red	Quercus	rubra	27,23	Large	Mature	Good	1	\$36,775.00
597	Maple-Red	Acer	rubrum	12	Large	Semi-mature	Good		\$3,323.00
598	Pine-Eastern White	Pinus	strobus	33	Large	Mature	Good	1	\$27,825.00
599	Oak-Northern Red	Quercus	rubra	23	Large	Mature	Good	2	\$15,464.00
600	Oak-Northern Red	Quercus	rubra	31	Large	Mature	Fair	2	\$19,667.00
601	Oak-Northern Red	Quercus	rubra	22	Large	Mature	Good	2	\$14,148.00
602	Oak-Northern Red	Quercus	rubra	25	Large	Mature	Good	2	\$18,270.00

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
603	Pine-Eastern White	Pinus	strobus	25	Large	Mature	Good	1	\$16,347.00
604	Ash-White	Fraxinus	americana	38	Large	Mature	Dead	ASAP	\$0.00
605	Ash-White	Fraxinus	americana	37	Large	Mature	Dead	ASAP	\$0.00
606	Maple-Red	Acer	rubrum	26,21,11	Large	Mature	Poor	1	\$12,245.00
607	Maple-Red	Acer	rubrum	14	Large	Semi-mature	Good	2	\$4,523.00
608	Ash-White	Fraxinus	americana	11,10,10	Large	Semi-mature	Poor	ASAP	\$2,328.34
609	Ash-White	Fraxinus	americana	13	Large	Semi-mature	Poor	ASAP	\$1,225.82
610	Ash-White	Fraxinus	americana	9	Large	Semi-mature	Poor	ASAP	\$587.53
611	Maple-Sugar	Acer	saccharum	29	Large	Mature	Good		\$21,997.00
612	Oak-Northern Red	Quercus	rubra	26	Large	Mature	Good	1	\$19,761.00
613	Ash-White	Fraxinus	americana	28	Large	Mature	Poor	ASAP	\$5,686.67
614	Maple-Red	Acer	rubrum	15	Large	Semi-mature	Fair	1	\$3,709.00
615	Ash-White	Fraxinus	americana	26	Large	Mature	Poor	ASAP	\$4,903.30
616	Maple-Red	Acer	rubrum	27	Large	Mature	Fair	2	\$12,017.00
617	Ash-White	Fraxinus	americana	23	Large	Mature	Poor	ASAP	\$3,837.05
618	Maple-Sugar	Acer	saccharum	16	Large	Semi-mature	Good		\$6,695.00
619	Ash-White	Fraxinus	americana	26	Large	Mature	Poor	ASAP	\$4,903.30
620	Maple-Sugar	Acer	saccharum	10	Large	Semi-mature	Fair	1	\$1,868.00
621	Maple-Sugar	Acer	saccharum	19	Large	Semi-mature	Good		\$9,442.00
622	Maple-Norway	Acer	platanoides	8	Large	Young	Good	2	\$1,280.00
623	Ash-White	Fraxinus	americana	7	Large	Young	Fair	1	\$592.36
624	Ash-White	Fraxinus	americana	13	Large	Semi-mature	Fair	1	\$2,043.04
625	Ash-White	Fraxinus	americana	8	Large	Semi-mature	Poor	ASAP	\$464.22
626	Ash-White	Fraxinus	americana	9,5	Large	Semi-mature	Poor	ASAP	\$768.86
627	Ash-White	Fraxinus	americana	14	Large	Semi-mature	Poor	ASAP	\$1,421.67
628	Maple-Red	Acer	rubrum	25,12,7	Large	Mature	Good	2	\$18,878.00
629	Ash-White	Fraxinus	americana	28	Large	Mature	Poor	ASAP	\$5,686.67
630	Maple-Sugar	Acer	saccharum	11	Large	Semi-mature	Good	2	\$3,164.00
631	Ash-White	Fraxinus	americana	6,5	Large	Young	Poor	ASAP	\$442.46
632	Oak-Northern Red	Quercus	rubra	15	Large	Semi-mature	Good	2	\$6,577.00
633	Ash-White	Fraxinus	americana	6	Large	Young	Poor	ASAP	\$261.12

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase	Tree Asset Value
634	Ash-White	Fraxinus	americana	7,6	Large	Young	Poor	ASAP	\$616.54
635	Ash-White	Fraxinus	americana	14,12	Large	Semi-mature	Poor	ASAP	\$2,466.16
636	Ash-White	Fraxinus	americana	17,15,10	Large	Semi-mature	Fair	1	\$7,422.65
637	Ash-White	Fraxinus	americana	8	Large	Semi-mature	Poor	ASAP	\$464.22
638	Ash-White	Fraxinus	americana	21	Large	Mature	Poor	ASAP	\$3,198.75
639	Ash-White	Fraxinus	americana	27	Large	Mature	Poor	ASAP	\$5,287.73
640	Maple-Sugar	Acer	saccharum	40	Large	Mature	Fair	1	\$27,346.00
641	Spruce-Norway	Picea	abies	6	Medium	Young	Good	1	\$403.00
642	Spruce-Norway	Picea	abies	10	Large	Semi-mature	Fair		\$800.00
643	Maple-Norway	Acer	platanoides	13	Large	Semi-mature	Fair	2	\$2,414.00
644	Spruce-Norway	Picea	abies	25	Large	Mature	Dead	ASAP	
645	Maple-Norway	Acer	platanoides	13,10	Large	Semi-mature	Good		\$5,380.00
646	Maple-Norway	Acer	platanoides	8	Large	Semi-mature	Good		\$1,280.00
647	Cherry-Black	Prunus	serotina	14	Large	Semi-mature	Dead	ASAP	
648	Maple-Norway	Acer	platanoides	10	Large	Semi-mature	Fair		\$1,428.00
649	Maple-Norway	Acer	platanoides	10	Large	Semi-mature	Fair		\$1,428.00
650	Maple-Norway	Acer	platanoides	10	Large	Semi-mature	Good		\$2,000.00
651	Maple-Norway	Acer	platanoides	14	Large	Semi-mature	Good		\$3,920.00
652	Pine-Eastern White	Pinus	strobus	12	Large	Semi-mature	Fair		\$2,690.00
653	Ash-White	Fraxinus	americana	25,14	Large	Mature	Poor	ASAP	\$5,955.04
654	Maple-Norway	Acer	platanoides	12	Large	Semi-mature	Good	•••	\$2,880.00
655	Ash-White	Fraxinus	americana	14	Large	Semi-mature	Poor	ASAP	\$1,421.67
656	Cherry-Black	Prunus	serotina	12	Medium	Semi-mature	Poor	ASAP	\$854.00
657	Ash-White	Fraxinus	americana	19	Large	Semi-mature	Poor	ASAP	\$2,618.48
658	Maple-Norway	Acer	platanoides	29	Large	Mature	Good	2	\$16,821.00
659	Maple-Sugar	Acer	saccharum	43	Large	Mature	Poor	1	\$18,185.00
660	Birch-Gray	Betula	populifolia	7	Medium	Young	Good	•••	\$527.00
661	Maple-Norway	Acer	platanoides	27	Large	Mature	Poor	1	\$6,249.00

APPENDIX



ADDITIONAL RESOURCES

Bartlett publishes a variety of tree-resource documents, including technical reports, plant health care recommendations, and service brochures. The following technical reports may be pertinent to your inventory. To access these documents and view the complete Bartlett Resource Library online, please follow this URL:

https://www.bartlett.com/resourcelist.cfm

Girdling Roots

Maintenance Pruning Program

Monitor IPM Program

Mulch Application Guidelines

Tree Risk Assessments

Tree Structure Evaluation

GLOSSARY OF TERMS

air pollution removal: removal of pollutants from the air by plants through natural processes

arborist: 1. An individual engaged in the profession of arboriculture who, through experience, education and related training, possesses the competence to provide for, or supervise the management of, trees and other woody ornamentals. [ANSI A300 (Part 1, 2, 4, 5, 6)] 2. An individual engaged in the profession of arboriculture. [ANSI Z133.1-2000 Safety Requirements for Arboricultural Operations]

bracing: The installation of lag-thread screw or threaded-steel rods in limbs, leaders, or trunks to provide supplemental support. [ANSI A300 (Part 3)-2000 Support Systems]

branch: An outgrowing shoot, stem or twig that grows from the main stem or trunk. [ANSI Z60.1-2004 Nursery Stock]

buttress roots: Lateral surface roots that aid in stabilizing the tree.

cable: 1) Zinc coated strand per ASTM A-475 for dead-end grip applications. 2) Wire rope or strand for general applications. 3) Synthetic-fiber rope or synthetic-fiber webbing for general applications. [ANSI A300 (Part 3)-2000 Support Systems]

cabling: The installation of a steel wire rope, steel strand, or synthetic-fiber system within a tree between limbs or leaders to limit movement and provide supplemental support. [ANSI A300 (Part 3)-2000 Support Systems]

canopy: collective branches and foliage of a tree or group of trees' crowns

carbon sequestration: removal of carbon from the air by plants through natural processes

carbon storage: storage of carbon removed from the air in plant tissues

cation exchange capacity (CEC): The ability of soil to absorb nutrients.

cavity: An open wound characterized by the presence of decay and resulting in a hollow.

cleaning: Selective pruning to remove one or more of the following parts: dead, diseased, and/ or broken branches (5.6.1). [ANSI A300 (Part 1)-2001 Pruning]

co-dominant branches: Equal in size and importance, usually associated with either the trunks, stems, or scaffold limbs.

conk: fruiting body or non-fruiting body of a fungus. Often associated with decay.

critical root zone (CRZ): area of soil around a tree trunk where roots are located that provide stability and uptake of water and minerals required for tree survival.

crown: 1. The leaves and branches of a tree measured from the lowest branch on the trunk to the top of the tree. [ANSI A300 (Part 1)-2001 Pruning] [ANSI A300 (Part 6)-2005 Transplanting] 2. The portion of a tree comprising the branches. [ANSI Z60.1-2004 Nursery Stock]

D.B.H. [diameter at breast height]: Measurement of trunk diameter taken at 4.5 feet (1.4 m) off the ground. [ANSI A300 (Part 6)-2005 Transplanting]

decay: The degradation of woody tissue caused by microorganisms. [ANSI A300 (Part 1)-2001 Pruning]

Geographic Information System (GIS): is any system for capturing, storing, analyzing and managing data and associated attributes which are spatially referenced to earth.

girdling root: A root that may impede proper development of other roots, trunk flare, and/or trunk. [ANSI A300 (Part 6)-2005 Transplanting]

Global Positioning System (GPS): A constellation of at least 24 Medium Earth Orbit satellites that transmit precise microwave signals, the system enables a GPS receiver to determine its location, speed, direction, and time.

Global Positioning System receiver (GPSr): A receiver that receives its input from GPS satellites to determine location, speed, direction, and time.

heading: cutting a shoot back to a bud or cutting branches back to buds, stubs, or lateral branches not large enough to assume apical dominance. Cutting an older branch or stem back to meet a structural objective

integrated pest management (IPM): A pest control strategy that uses an array of complementary methods: mechanical devices, physical devices, genetic, biological, legal, cultural management, and chemical management. These methods are done in three stages of prevention, Observation, and finally Intervention. It is an ecological approach that has its main goal is to significantly reduce or eliminate the use of pesticides.

lateral branch: A shoot or stem growing from a parent branch or stem. [ANSI A300 (Part 1)-2001 Pruning]

leader: A dominant or co-dominant, upright stem. [ANSI A300 (Part 1)-2001 Pruning]

lean: Departure from vertical of the stem, beginning at or near the base of the trunk.

limb: A large, prominent branch. [ANSI A300 (Part 1)-2001 Pruning]

lion's tailing: The removal of an excessive number of inner, lateral branches from parent branches. Lion's tailing is not an acceptable pruning practice (5.5.7). [ANSI A300 (Part 1)-2001 Pruning]

macronutrient: Nutrient required in relatively large amounts by plants, such as nitrogen (N), phosphorus (P), potassium (K), and sulfur (S). [ANSI A300 (Part 2)-2004 Fertilization]

micronutrient: Nutrient required in relatively small amounts by plants, such as iron (Fe), manganese (Mn), zinc (Zn), copper (Cu), and boron (B). [ANSI A300 (Part 2)-2004 Fertilization]

noise attenuation: reducing sound levels via materials, structures, plants, etc.

nutrient: Element or compound required for growth, reproduction or development of a plant. [ANSI A300 (Part 2)-2004 Fertilization]

organic matter: material derived from the growth (and death) of living organisms. The organic components of soil.

parent branch or stem: A tree trunk, limb, or prominent branch from which shoots or stems grow. [ANSI A300 (Part 1)-2001 Pruning]

pH: unit of measurement that describes the alkalinity or acidity of a solution. Measured on a scale of 0 to 14. Greater than 7 Is alkaline, less than 7 is acid, and 7 is neutral (pure water).

pruning: The selective removal of plant parts to meet specific goals and objectives. [ANSI A300 (Part 1)-2001 Pruning]

qualified arborist: An individual who, by possession of a recognized degree, certification, or professional standing, or through related training and on-the-job experience, is familiar with the equipment and hazards involved in arboricultural operations and who has demonstrated ability in the performance of the special techniques involved. [ANSI Z133.1-2000 Safety Requirements for Arboricultural Operations]

raising: Selective pruning to provide vertical clearance (5.6.3). [ANSI A300 (Part 1)-2001 Pruning]

reduction: Selective pruning to decrease height and/or spread (5.6.4). [ANSI A300 (Part 1)-2001 Pruning]

risk assessment: process of evaluating what unexpected things could happen, how likely it is, and what the likely outcomes are. In tree management, the systematic process to determine the level of risk posed by a tree, tree part, or group of trees.

root collar: 1. The transition zone between the trunk and the root system. [ANSI A300

(Part 6)-2005 Transplanting] 2. See COLLAR. [ANSI Z60.1-2004 Nursery Stock]

root flare or trunk flare: The area at the base of the plant's stem or trunk where the stem or trunk broadens to form roots; the area of transition between the root system and the stem or trunk. [ANSI Z60.1-2004 Nursery Stock] [ANSI A300 (Part 6)-2005 Transplanting]

root zone: The volume of soil containing the roots of a plant. [ANSI A300 (Part 5)-2005 Management]

secondary nutrient: Nutrient required in moderate amounts by plants, such as calcium (Ca) and magnesium (Mg). [ANSI A300 (Part 2)-2004 Fertilization]

seam: Vertical line that appears where two edges of wound wood or callus ridge meet.

soil amendment: Any material added to soil to alter its composition and structure, such as sand, fertilizer, or organic matter. [ANSI A300 (Part6)-2005 Transplanting]

soil pH: A measure of the acidity or alkalinity of the soil.

stormwater runoff: water (generally from rain or snow melt) that flows over the ground after storm events.

structural support system: hardware installed in tree, may be; cables, braces, or guys, to provide supplemental support.

sweep: Departure from vertical of the stem, beginning above the base of the trunk.

thinning: Selective pruning to reduce density of live branches (5.6.2). [ANSI A300 (Part 1)-2001 Pruning]

tree risk assessment: Closer inspection of visibly damaged, dead, defected, diseased, leaning or dying tree to determine management needs.

topping: The reduction of a tree's size using heading cuts that shorten limbs or branches back to a predetermined crown limit. Topping is not acceptable pruning practice. (5.5.7). [ANSI A300 (Part 1)-2001 Pruning]

tree inventory: A comprehensive list of individual trees providing descriptive information on all or a portion of the project area. [ANSI A300 (Part 5)-2005 Management during site planning, site development, and construction]

tree protection zone: A space above and belowground within which trees are to be retained and protected. [ANSI A300 (Part 5)-2005 Management during site planning, site development, and construction]

trunk: That portion of a stem or stems of a tree before branching occurs. [ANSA Z60.1-

2004 Nursery Stock]

vigor: Overall health. Capacity to grow and resist stress. [ISA Municipal Specialist Certification Study Guide 2008]

wound: An opening that is created when the bark of a living branch or stem is penetrated, cut, or removed. [ANSI A300 (Part 1)-2001 Pruning]