Mill Creek Watershed Partnership

2021

Urban Forestry Master Plan for:

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Acknowledgements:

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https://www.countyplanning.us/services/grant-programs/healthy-urban-tree-canopy-grant-program/

https://www.neorsd.org/stormwater-2/watershed-organization-service-agreements/

Municipalities in This Plan:

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http://www.cuyahogaheights.com/

North Randall

Mayor David Smith and team

https://northrandall.com/

Maple Heights

Mayor Annette Blackwell and team

https://www.citymapleheights.com/

Garfield Heights

Mayor Vic Collova and team

https://www.garfieldhts.org/

A special thank you to all the Mill Creek Watershed Partners, members, and supporters for your ongoing care and responsible stewardship of your respective communities. It is collaborations such as these that further the progress of responsible increasing of greenspace and canopy throughout the region.

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INTRODUCTION

The Mill Creek Watershed Partnership is a collaborative effort of the communities inclusive of Beachwood, Cleveland, Garfield Heights, Maple Heights, Shaker Heights, and Warrensville Heights, as well as the Villages of Cuyahoga Heights, Highland Hills, North Randall, and Valley View. This partnership was formed to help best steward the natural resources in this watershed with the understanding that it is a heavily developed area in the Cuyahoga River Watershed.

Mill Creek is a small urban watershed located within Cuyahoga County, Ohio. Flowing through some of the most densely populated areas in the state, Mill Creek originates in the cities of Shaker Heights and Beachwood and flows southwest before discharging into the Cuyahoga River in Cuyahoga Heights. The Mill Creek Watershed drains approximately 18.9 square miles. The main stem stretches a total length of 12.2 miles and is a steeply graded stream with an average descent of 53.5 feet per mile. Mill Creek has a scenic waterfall located about 2.5 miles above its mouth, which is part of the Cleveland Metroparks Garfield Reservation.

Typical of many urban streams, Mill Creek has been subject to the effects of extensive urbanization over a period of more than 150 years. These impacts have made significant changes to the stream habitat, adjacent floodplains and riparian corridors, erosion and sedimentation levels, and the quantity and quality of stormwater runoff. As a result, Mill Creek is part of the Cuyahoga River Area of Concern. While this designation reflects the historically polluted nature of Mill Creek, it also helps to garner Federal and State commitment to cooperate with local governments, agencies, and organizations to ensure that Remedial Action Plans are developed and implemented. The Mill Creek watershed is dominated by developed lands that consist of residential, commercial, and industrial uses. These developments cover 95.9% of the land within the watershed. Developed areas consist mostly of urban development with single family homes interspersed with areas of larger residential buildings, commercial and industrial development. Forested areas of Mill Creek are generally located within Garfield Park, directly along Mill Creek and within the Johnston Branch sub-watershed.


Tree Lined Mill Creek Falls

The partner local governments and citizens value the many environmental, social, and economic benefits that trees provide. The creation and adoption of this plan shows the high level of stewardship and investment in our urban forest. These stressed areas battle constant challenges to maintain healthy existing trees and increasing canopy. It has been shown that over the last decade, tree canopy has been decreasing with a need for intervention on inventorying the current diversity as well as prioritizing planting zones within these urbanized areas. This plan is designed for municipalities to utilize as a guide for long-term maintenance and stewardship of their infrastructural trees with a focus on trying to increase a healthy canopy level.

The focus on this plan includes the “downstream” communities within the watershed and is inclusive of Cuyahoga Heights, Maple Heights, North Randall, and Garfield Heights. The tree inventories, risk assessments, planting priority zones, maintenance and community code update recommendations will prove to have long term benefit for all municipalities incorporated in the following document.

EXECUTIVE SUMMARY

In 2018, the staff from West Creek Conservancy, as facilitators of the Mill Creek Watershed Partnership (MCWP), convened the communities that are members of the partnership to gauge the need for respective "Tree Plans" for their municipalities. Through that conversation and subsequent follow-up correspondence it was decided that the best route of planning lay in developing a multi-community collaborative tree plan that had specific recommendations to guide each partner in their long term management of a Healthy Urban Forest.

The MCWP determined that analyzing the current "forestry" ordinances, tree planting/maintenance guides, outlining tree benefits, and a full integrated tree inventory (with hazards, health, and priority planting sites identified) was the route forward. This led to the collective 2019 application submitted by the Mill Creek Watershed Partnership to the Cuyahoga County Planning Commission for their Healthy Urban Tree Canopy Grant Program. Our team has contracted Bartlett Tree Experts to execute the full tree inventory and provide technical assistance to ensure the full range of needs are met per community involved. This tree inventory was completed (for all 4 communities) between the months of March and May 2020. During that time, the Mill Creek Watershed Partnership drafted the following plan with a vision for all included in the following to establish full adoption, long term stewardship, sustainability (through funds and programs regionally available), and understanding avenues for public support in regards to the Urban Forest. It is also a goal to motivate other communities regionally to adopt their own Tree Plan through providing industry vetted resources and educational tools.

The Healthy Urban Tree Canopy Grant Program administered by the Cuyahoga County Planning Commission with technical assistance by the Cuyahoga Soil and Water Conservation District was the catalyst in ensuring this plan was drafted to the standard of a regional tree plan. The Northeast Ohio Regional Sewer District's Watershed Service Agreement contracting of the Mill Creek Watershed Partnership is a longer-term sustainable resource for communities to be able to steward their urban forest with experts to guide them to comfortability of transformation. The communities incorporated in this plan are Cuyahoga Heights, Maple Heights, North Randall, and Garfield Heights. Though the other partners within the construct of the MCWP of Beachwood, Cleveland, Shaker Heights, and Highland Hills are not in the following plan, they still have the resource in the MCWP, professional consulting arborists, and Cuyahoga Soil and Water Conservation District to ensure the process toward a healthy urban forest moves smoothly and efficiently.

Mill Creek
Watershed Partnership

VISION AND GOALS FOR THE PLAN

This plan is designed to establish and maintain a healthy protected tree canopy with proper maintenance and enhancement protocols in place along with localized ordinances to guide city workers and contractors on the goals of the Mill Creek Watershed Partnership. The Cuyahoga County Healthy Urban Tree Canopy Grant Program has been a catalyst for creating a 2020 inventory including possible hazard trees in the respective communities and planting priority zones to look for enhancements into the future. Trees are an essential component of stormwater management and nutrient mitigation in the context of Natural City Infrastructure. This effort is imperative to the successful stewardship of the Mill Creek Watershed as a whole.

Plan Vision

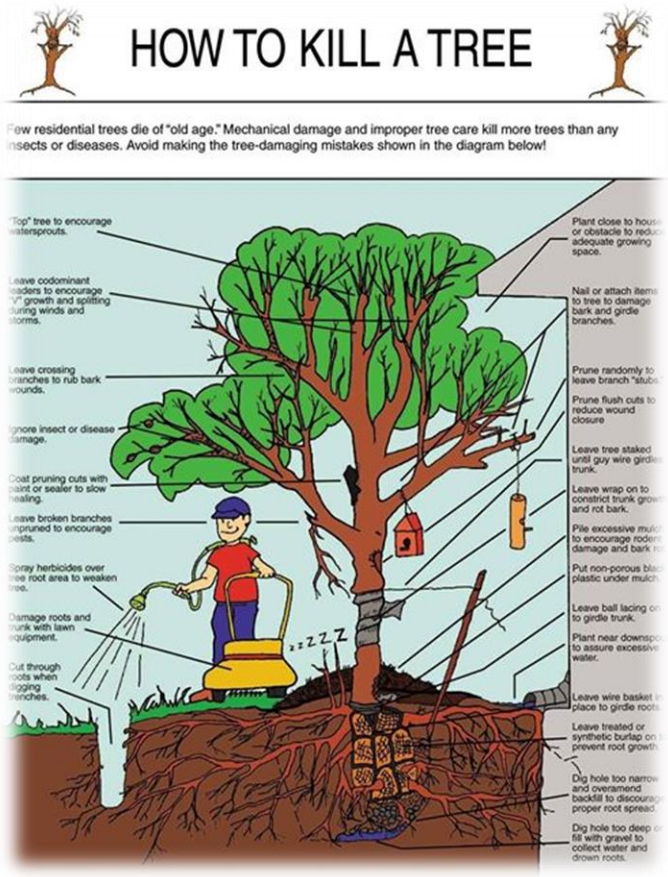
The underlying vision for the Mill Creek Watershed Partners in the development of this Tree Plan is to have:

- Full Adoption: Tree planting and maintenance is maximized on public and private land.
- Stewardship: Proper planting techniques, hazard removals, and long-term stewardship are intrinsically incorporated into maintenance plans.
- Sustainability: An understanding of the funding structures currently in place to assist in the enhancement of a Healthy Urban Forest.
- Public Support: Education and outreach programs in place for understanding the importance private trees within the Urban Forest, landowner responsible stewardship, and how to get more involved.

Tree Maintenance Goals

Systemic tree maintenance is imperative to the successful establishment and management of our urban forest. These recommendations will give municipalities guidance in creating a strategy for long term success. These goals will aim:

- To move toward removing noted hazard trees observed in this plan within the ranges recommended by the consulting arborist, Bartlett Tree Experts. With removal of trees, follow the “right tree right place” strategy as well as proper tree planting techniques to ensure establishment of the root systems and mature growth of this infrastructural investment.
- To create more feasibly sustainable tree



Virginia Tech University in cooperation with the Virginia Department of Forestry.

pruning and re-planting schedules and strategies in partnership with each community's Administration and service departments.

- To employ planting techniques that will promote the healthy growth of trees to maturity within an urban setting.
    - *This will include keeping in mind soil structure, direct tree planting strategies, ensuring the Root Flare is exposed, watering plans for newly planted trees, and proper mulching techniques citywide.*

Canopy Management Goals

- To analyze and make recommendations for updating each respective municipality's ordinances regarding urban forests and natural resource management.
- To encourage Green Infrastructure, tree inclusion, and more sustainable approaches to environmental design when analyzing new development proposals in the Planning Commission as well as retrofits applied for in the Building Department.
- To utilize canopy management tools for long-term success of this City Natural Infrastructure as well as more intrinsic integration of trees into weekly/monthly/annual (as applicable) city property inspections.
- Creation of a Tree Commission (*pointing interested parties to the Tree Commission Academy led by the Ohio DNR Division of Forestry*) with an end goal of being recognized as a "Tree City USA".

Photo from the Cleveland Tree Plan

INSPECTION METHODOLOGY

The following section is a plan adaptation of information provided by Bartlett Tree Experts

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
- root zone infringement, based on **dripline** and estimated **grayscape** (e.g., sidewalks) impact on root zone
- 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 Planting	Tree 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.

Bartlett Tree Experts- Cleveland

Phase 1, 2, 3, 4, and 5 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.
Phase 4	Typically addressed in the fourth management cycle. Recommendations are for future consideration and anticipated growth.
Phase 5	Typically addressed in the fifth management cycle. Recommendations are for future consideration and 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. 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. Terms used are described in the glossary in the appendix.

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 Impacting Target			
Likelihood of 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.

Murphy Tree- Hazard Tree ID

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.

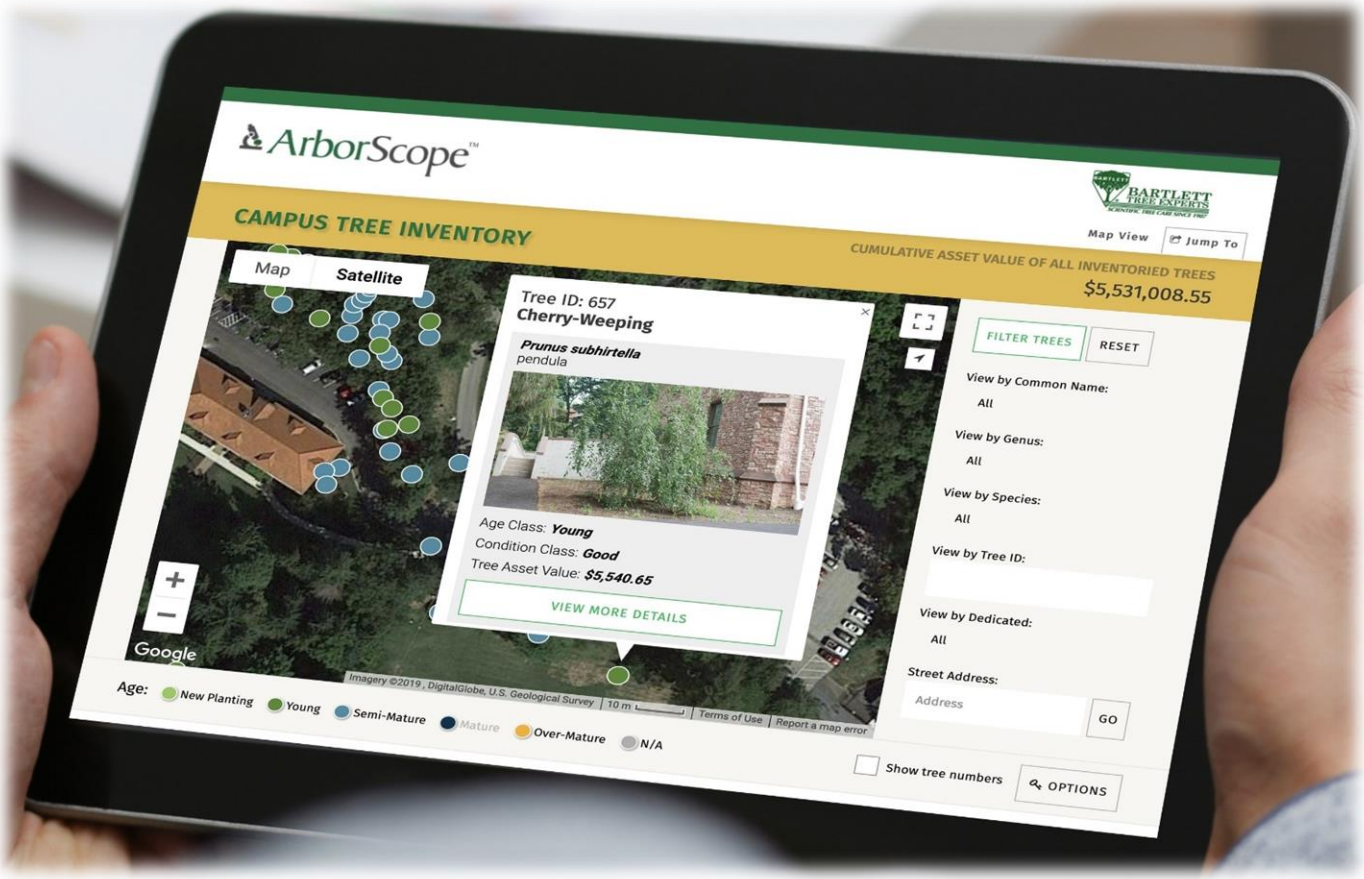
Tree Risk Ratings are terms used to communicate the level of risk rating. They are defined in defined in the Risk Matrix below as a combination of Likelihood and Consequences:

	Consequences of the Tree Failure			
Likelihood of 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).
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.

<u>Content from the previous section provided by Bartlett Tree Experts and adapted by the Mill Creek Watershed Partnership</u>



ArborScope Inventory Management Tool

PLANTING AND CARING FOR TREES

Developed Site Identification and Preparation

Site ID and Prep is an adaptation of the "Avoiding Tree and Utility Conflicts" Guidance developed by the International Society of Arboriculture (ISA).

Determining where to plant a tree is a decision that should not be taken lightly. Many factors should be considered prior to planting. When planning what type of tree to plant, remember to look up and look down to determine where the tree will be located in relation to overhead and underground utility lines.

Note: Before you begin planting your tree, be sure you have located all underground utilities prior to digging (Call 811)

Often, we take utility services for granted, because they have become a part of our daily lives. To ensure us the benefits of reliable, uninterrupted service, distribution systems are required to bring utilities into our homes. These services arrive at our homes through overhead or underground lines.
Overhead lines carry electricity, data, and communications. Underground utility lines may also carry those mentioned, plus water, sewer, and natural gas.
The location of these lines should have a direct impact on your tree and planting site selection. The ultimate mature height and spread of a tree must fit within the available growing space beneath and alongside the lines. Just as important, the soil area must be large enough to accommodate the particular rooting habits and ultimate trunk diameter of the tree. Proper tree and site selection can provide trouble-free beauty and pleasure for years to come.

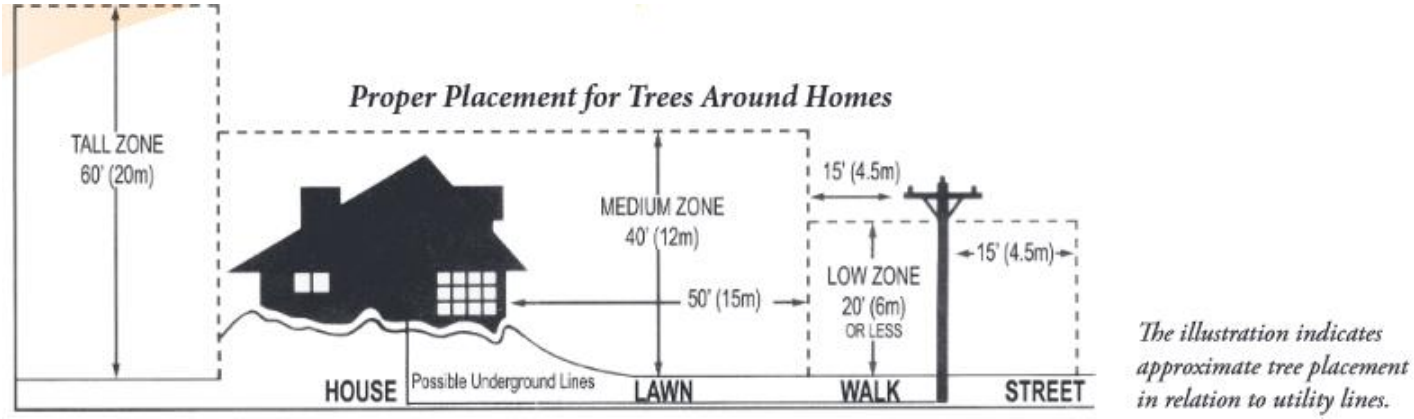
Overhead Lines

Overhead utility lines are easy to spot, yet often overlooked. Although these lines look harmless enough, they can be extremely dangerous. Planting tall-growing trees under or near these lines eventually requires your utility provider to prune them to maintain safe clearance from the wires. This pruning may result in the tree having an unnatural appearance. Periodic pruning can also lead to a shortened life span for the tree. Trees that must be pruned away from power lines are under greater stress and are more susceptible to insects and disease. Small, immature trees planted today that have the potential to grow into overhead lines can become problem trees in the future.
Tall-growing trees near overhead lines can cause service interruptions when trees contact wires. Children or adults climbing in these trees can be severely injured or even killed if they come in contact with the wires. Proper selection and placement of trees in and around overhead utilities can eliminate potential public safety hazards, reduce expenses for utilities and their customers, and improve landscape appearance.

Maritime College of Forestry Management

Underground Lines

Trees consist of much more than what you see above ground. Many times, the root area below ground is larger than the branch spread. Many of the utility services provided today run below ground. Tree roots and underground lines often coexist without problems. However, trees planted near underground lines could have their roots damaged if the lines are dug up for repair. The greatest danger to underground lines occurs during planting. Before you plant, make sure that you are aware of the location of any underground utilities. To be certain that you do not accidentally dig into any lines and risk serious injury or a costly service interruption, **call your utility company or utility locator service first**. Never assume that these utility lines are buried deeper than you plan to dig. In some cases, utility lines are very close to the surface. Locating underground utilities before digging is often required by law.



ISA Tree Placement Illustration

Tall Zones

Trees that grow 60 feet (20 meters) or taller can be used in the area marked “Tall Zone.” Plant large trees at least 35 feet (11 meters) away from the house for proper root development and to minimize damage to the building(s). These large-growing trees can be planted on streets without overhead restrictions if planting space is sufficient. Street planting sites should be greater than 8 feet (3 meters) and allow for a large root system, trunk diameter, and trunk flare.

Large trees are also recommended for parks, meadows, or other open areas where their large size, both above and below ground, will not be restricted, cause damage, or become a liability.

Medium Zones

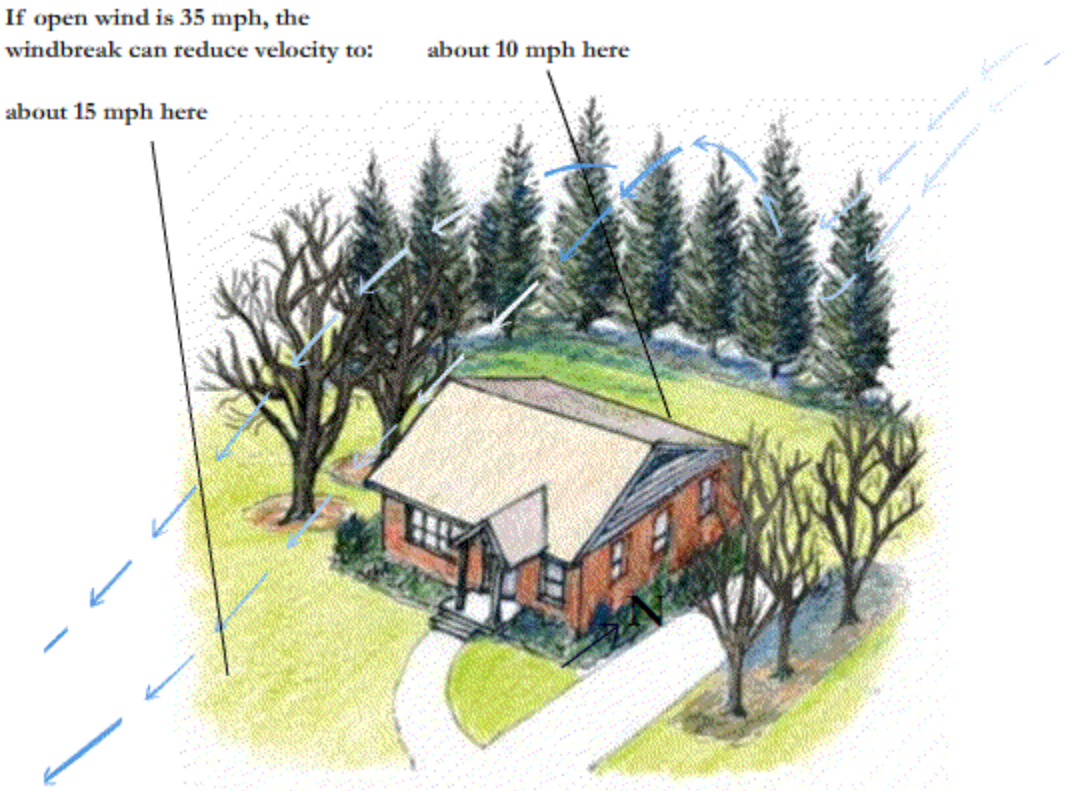
Medium-sized trees that grow up to 40 feet (12 meters) tall are often used to frame or soften the appearance of structures or create a park-like setting. Appropriate soil spaces are wide planting areas or medians [4 to 8 feet (1 to 3 meters) wide], large planting squares [8 feet (3 meters) square or greater], and other open areas of similar size or larger.

Low Zones

This zone extends 15 feet (4.5 meters) on either side of the wires. Trees with a mature height of less than 20 feet (6 meters) may be planted anywhere within this zone, including street tree plantings under utility lines. Such trees are also recommended where soil volumes are too limited to support tall or medium zone trees.

Some Further Suggestions

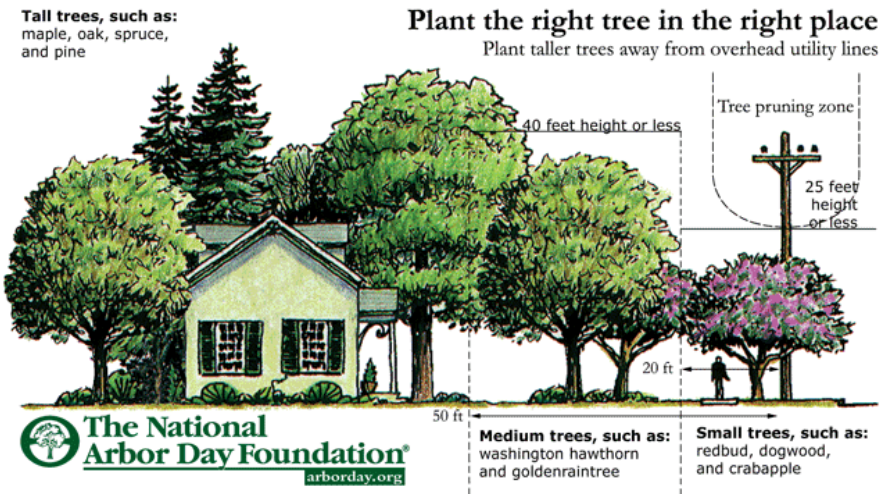
Plant evergreen trees in the path of prevailing winter winds to serve as windbreaks. Plantings should be approximately 50 feet or more from the house. Plant deciduous trees (those that drop their leaves in the fall) to maximize shading in the summer. In winter, the bare canopies will allow sunlight to reach the house.



Arbor Day Windbreak Planting Illustration

Right Tree –Right Place

Planning before planting can help ensure that the right tree is planted in the right place. Proper tree selection and placement enhance your property value and prevent costly maintenance trimming and damage to your home. For further information on planting and helpful tips on tree selection, refer to ISA's brochures on tree selection and new tree planting. If you have any more questions, please contact your local ISA Certified Arborist or tree care professional, utility company, local nursery, or county extension office.

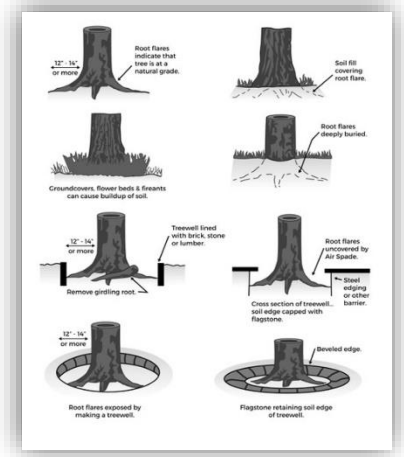


Planting

Following guidance was adapted from the *Cuyahoga Soil and Water Conservation District*'s PROPER PLANTING AND CARE OF A NEW TREE document with content from the International Society of Arboriculture (ISA).

Carefully follow the nine simple steps below to help your tree establish quickly in its new location. Before you begin planting your tree, be sure you have located all underground utilities prior to digging (Call 811)

1. **Identify the trunk flare.**
    a. The trunk flare (or root flare) is where the trunk expands at the base of the tree. This point should be partially visible after the tree has been planted. Remove excess soil from the top of the root ball prior to planting if the root flare is not visible.



2. **Dig a shallow, broad planting hole.**
    a. Holes should be 2 to 3 times wider than the root ball, but only as deep as the root ball. Digging a broad planting pit breaks up the surrounding soil and provides newly emerging tree roots room to expand.

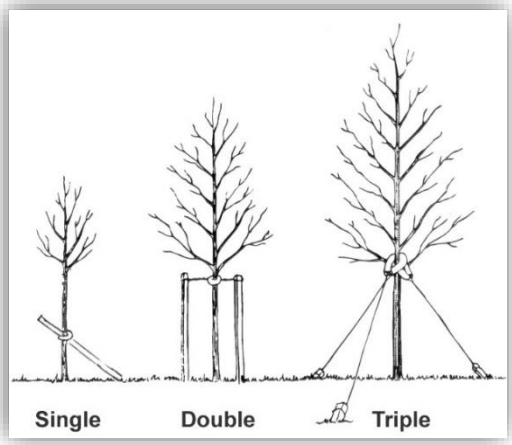
3. **Remove the containers or cut away the wire basket.**
    a. Inspect container root balls for circling roots. Straighten, cut, or remove them. Expose the trunk flare, if necessary.

4. **Place the tree at the proper height.**
    a. Take care to dig the hole to the proper depth-and no more. The majority of a tree's roots develop in the top 12 inches of soil. If the tree is planted too deep, new roots will have difficulty developing because of a lack of oxygen. In poorly drained or heavily clayed soils, trees can be planted with the base of the trunk flare 2 to 3 inches above grade. When placing the tree in the hole, lift by the root ball, not the trunk.

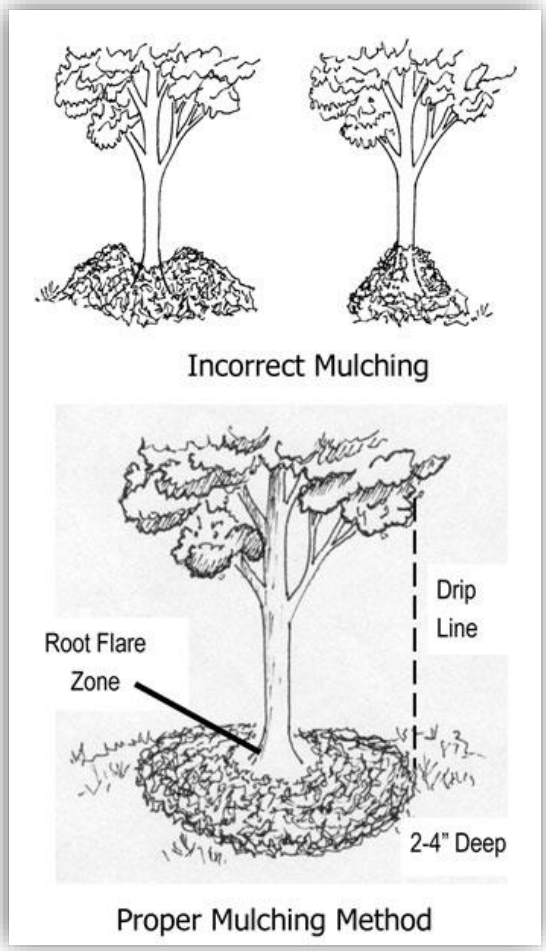
5. **Straighten the tree in the hole.**
    a. Before backfilling, have someone view the tree from several directions to confirm it is straight. Once planted, it is difficult to reposition the tree.

6. **Fill the hole gently, but firmly.**
    a. Pack soil around the base of the root ball to stabilize it. If the root ball is wrapped, carefully remove any fabric, plastic, string, and/or wire from around the root ball to prevent girdling and to facilitate root growth. Fill the remainder of the hole, firmly packing the soil to eliminate air pockets that may dry out roots. Further reduce air pockets by watering periodically while backfilling. Avoid fertilization at the time of planting.

7. **Stake the tree, if necessary.**
    a. Studies have shown that trees establish more quickly and develop stronger trunk and root systems if they are not staked at the time of planting. Staking may be required, however, when planting bare root stock or planting on windy sites. Stakes may also offer protection against lawnmower damage and vandalism. One or two stakes used in conjunction with a wide, flexible tie material on the lower half of the tree will hold the tree upright and minimize injury to the trunk, yet still allow movement. Remove support staking and ties after the first year of growth.



8. **Mulch the base of the tree.**
    a. Mulch is organic matter spread around the base of the tree to hold moisture, moderate soil temperature extremes, and reduce grass and weed competition. Common mulches include leaf litter, pine straw, shredded bark, peat moss, or composted wood chips. A 2 to 4 inch layer is ideal. More than 4 inches may cause a problem with oxygen and moisture levels. Piling mulch right up against the trunk of a tree may cause decay of the living bark. A mulch-free area, 1 to 2 inches wide at the base of the tree, reduces moist bark conditions and prevents decay.



9. **Provide follow-up care Keep the soil moist, but not over water-logged.**
    a. Water trees at least once a week and more frequently during hot, windy weather. When the soil is dry below the surface of the mulch, it is time to water. If you have planted in the spring, continue watering until mid-fall, tapering off as lower temperatures require less-frequent watering. Other follow-up care may include minor pruning of branches damaged during the planting process. Prune sparingly after planting and delay necessary corrective pruning until a full season of growth in the new location has occurred.

Stewardship

First Years

Watering: When planning on the watering of your newly planted balled and burlapped or container-grown trees, you must be conscious to keep the root system wet for several weeks after planting. Watering strategies of newly planted trees should start with saturation for 2 weeks and then gradually reduce the frequency of watering (depending on the time of year and amount of rainfall/drought you are currently experiencing). When watering, slowly apply water to the root system and the surrounding soil. This will allow for the roots to expand and "take root" into its new native soil. Saturated watering should be done every 7 to 14 days (in dry weather) after the initial planting should be adequate 4 to 5 weeks after planting. Continue the watering regimen into fall and foster the newly planted trees root system into dormancy in late fall. Small trees usually require watering for approximately 1 or 2 growing seasons. Larger trees newly planted may require this attention for up to 3 growing seasons.

The following recommendations are plan adaptations of the International Society of Arboriculture (ISA) Tree care materials on "Pruning your Trees" "Managing Hazards and Risks"

Young Tree Pruning:

Proper pruning is essential in developing a tree with a strong structure and desirable form. Trees that receive the appropriate pruning measures while they are young will require less corrective pruning as they mature.

Keep these few simple principles in mind before pruning a tree:

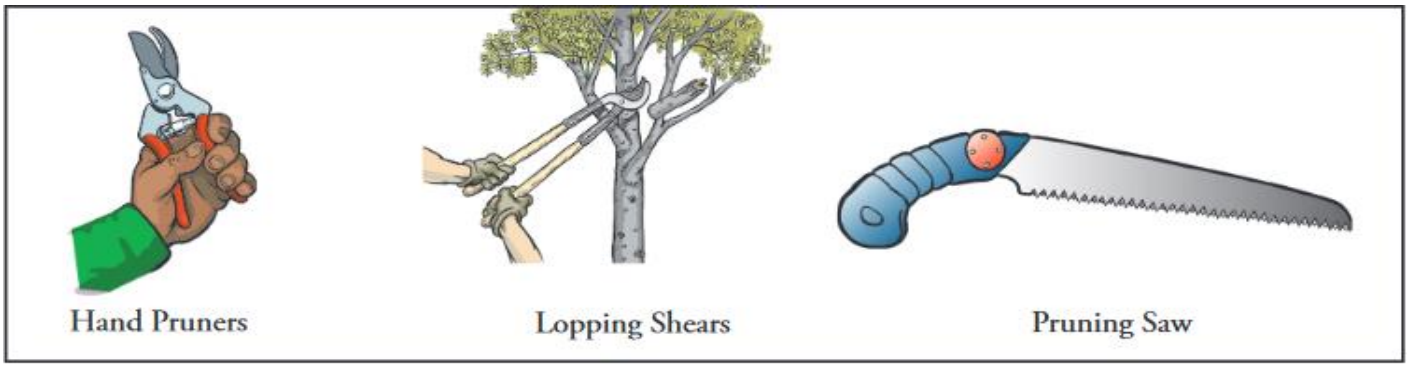
- Always have a purpose in mind before making a cut. Each cut has the potential to change the growth of the tree.
- Poor pruning can cause damage that lasts for the life of the tree. Learn where and how to make the cuts before picking up the pruning tools.
- Trees do not heal the way people do. When a tree is wounded, it must grow over the damage. As a result, the wound is contained within the tree forever.
- Small cuts do less damage to the tree than large cuts. Correcting issues when a tree is young will reduce the need for more drastic pruning later.

Making the Cut

Pruning cut location is critical to a tree's growth and wound closure response. Make pruning cuts just outside the branch collar to avoid damaging the trunk and compromising wound responses. Improper pruning cuts may lead to permanent internal decay. If a large branch must be shortened, prune it back to a secondary branch or a bud. Cuts made between buds or branches may lead to stem decay, sprout production, and misdirected growth.

Pruning Tools

Small branches can be cut easily with hand pruners. Scissor-type or bypass-blade hand pruners are preferred over the anvil type as they make cleaner, more accurate cuts. Cuts larger than one-half inch (1.27 cm) in diameter should be made with lopping shears or a pruning saw. Hedge shears should be used for shaping hedges only. Do not use shears to prune a tree. Whatever tool you use, make sure it is kept clean and sharp.



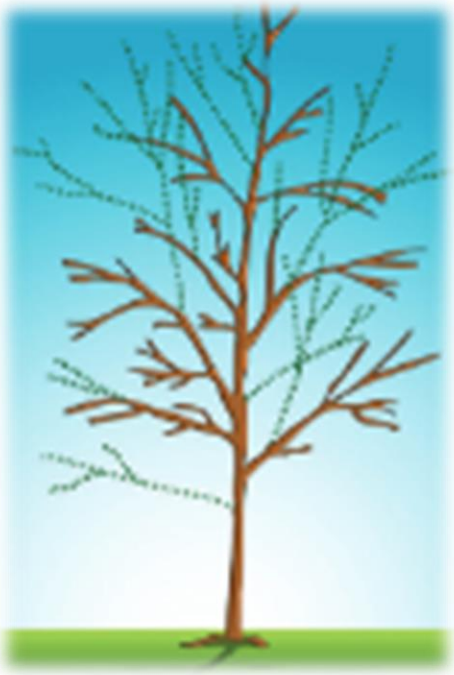
Establishing a Strong Scaffold Structure

A good structure of primary branches should be established while the tree is young. These limbs, called scaffold branches, are a mature tree's framework. Properly trained young trees will develop a strong structure that requires less corrective pruning as they mature. The goal in training young trees is to establish a strong, central trunk with sturdy, well-spaced branches. This form mimics tree growth in forest settings where outward branching is limited by neighboring trees. Some tree species develop some or all of these characteristics naturally, even when grown openly in an urban or park setting. Others may require more frequent attention.

Trunk Development

For most young trees, maintain a single dominant leader growing upward. Do not prune back the tip of this leader or allow secondary branches to outgrow the main leader. Sometimes, a tree will develop double leaders known as codominant stems. Codominant stems can lead to structural weaknesses, so it is best to remove or shorten one of the stems while the tree is young.

A tree's secondary branches contribute to the development of a sturdy, well-tapered trunk. When numerous branches are being removed, it is preferable to retain some, at least temporarily, to promote trunk diameter growth.



Permanent Branch Selection

Most of the branches present on a young tree at planting will be pruned away at maturity to provide clearance for mowing, pedestrians, and/or vehicle traffic. The height of the lowest permanent branch is determined by the tree's intended function and location in the landscape. The roadside of a street tree may be raised to 16 feet (5 m) to accommodate traffic. In most other situations, 8 feet (2.4 m) of clearance is sufficient. Trees used as screens or wind breaks, however, usually branch low to the ground. Sufficient branch spacing and balance, both vertically and radially, is important. The space between permanent branches should be approximately 3 percent of the tree's eventual height (for example, 1.5 feet [0.5 m] for a tree that can grow to be 50 feet [15 m] tall).Beyond spacing, the strength of branch structure depends on the relative size of the branches and branch angles. Branches similar in diameter to the trunk or limb from which they arise are more prone to failure than those smaller in diameter.

Narrow angles of attachment or tight crotching can enclose bark within a branch union. Such growth is called included bark, a condition that weakens the branch attachment and may lead to failure when the tree matures. Branches with weak attachments should be pruned while still small. Balance should be considered by retaining some branches in each direction radially, spreading from the center outward. Make sure one scaffold branch is not allowed to grow directly above another.

When pruning, be sure not to remove too many branches. Leaves and their supporting branches are major sites of food production and storage. Eliminating too much of the canopy can "starve" the tree, reduce growth, and increase stress. No more than 25 percent of the crown should be removed in one pruning.

Newly Planted Trees

Pruning of newly planted trees should be limited to the removal of dead or broken branches. All other pruning should be withheld until the second or third year, when a tree has recovered from the stress of transplanting.

Wound Dressings

Despite any claims otherwise, research has shown that wood dressings do not reduce decay or speed wound closure and rarely prevent insect or disease infestations. Most experts recommend that wound dressing not be used.

Fiscars Tree Pruning Guide

For Mature Tree Pruning Techniques and recommendations, please visit: https://www.treesaregood.org/portals/0/docs/treecare/Pruning_MatureTrees.pdf for more information, or consult with an ISA certified arborist.

Managing Hazards and Risk

Trees provide numerous benefits to those living and working in the urban environment, which increase with tree size and age. However, older and larger trees are also more likely to drop branches or cause root conflicts on the sites they inhabit. In managing these trees, tree owners must recognize the tree benefits and risks.

Whether hazards are created by strong winds or ice-storms, or whether construction on the site may or already has negatively affected the tree, tree owners should recognize tree risk and management strategies to help ensure trees are able to provide their full complement of benefits. Click on these links to find out more about recognizing tree risk, safely responding to tree-related storm damage, avoiding damaging trees during construction, and treating trees injured during construction

Recognizing Tree Risk

Trees provide significant benefits to our homes and cities, but when trees fall and injure people or damage property, they are liabilities. Understanding and addressing the risks associated with trees makes your property safer and prolongs the life of the tree.

An arborist can help you manage the trees on your property and can provide treatments that may help reduce the risk associated with certain trees. An arborist familiar with tree risk assessment may suggest one or more of the following:

- Remove the target. While a home or a nearby power line cannot be moved, it is possible to move picnic tables, cars, landscape features, or other possible targets to prevent them from being hit by a falling tree.
- Prune the tree. Remove the defective branches of the tree. Because inappropriate pruning may weaken a tree, pruning work is best done by an ISA Certified Arborist.
- Cable and brace the tree. Provide physical support for weak branches and stems to increase their strength and stability. Such supports are not guarantees against failure.
- Provide routine care. Mature trees need routine care in the form of water, nutrients (in some cases), mulch, and pruning as dictated by the season and their structure.
- Remove the tree. Some trees with unacceptable levels of risk are best removed. If possible, plant a new tree in an appropriate place as a replacement.

Learn more about recognizing tree risk

Safe Response to Tree-Related Storm Damage

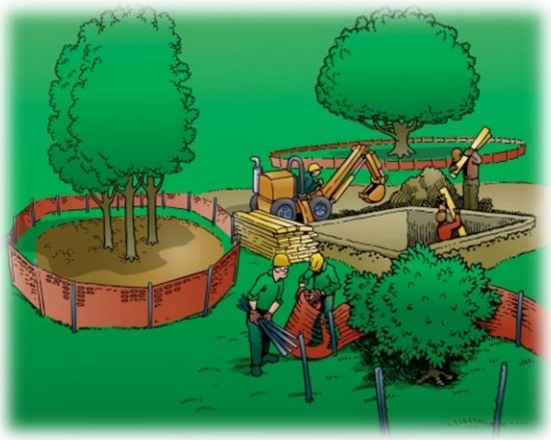
Severe weather can have a lasting impact on your home and the trees in the surrounding landscape. Tearing winds and penetrating rains work together, softening soils and overturning trees. Lightning strikes generate heath that vaporizes water within the tree, causing wood to split and bark to explode. During a storm, the failure of part or all of one mature tree may cause significant damage to personal property or utility lines.

Tree owners can follow these steps to help ensure a safe and effective response to tree-related storm damage:

- Assess the damages
- Take safety precautions
- Resist the urge to do it yourself
- Hire an ISA Certified Arborist

Learn more about the safe response to tree-related storm damage

Avoiding Tree Damage During Construction



Homes are often constructed near existing trees to take advantage of their aesthetic and environmental value. Unfortunately, the processes involved with construction can be deadly to nearby trees. Proper planning and care are needed to preserve trees on building sites. An arborist can help you decide which trees can be saved. The arborist can also work with the builder to protect the trees throughout each phase of construction.

Learn more about the avoiding tree damage during construction

Inspection and Assessment

Because construction damage can affect the structure and stability of a tree, your arborist should check for potential risks. A risk inspection may involve a simple visual inspection, or instruments may be used to check for the presence of decay. Identified risks can sometimes be reduced or eliminated by removing an unsafe limb, pruning to reduce weight, or installing cables or braces to provide structural support.

Common damage caused during construction includes:

- physical injury to the trunk and crown
- soil compaction in the root zone
- severed roots
- smothered roots from addition of fill soil
- increased wind and sunlight exposure
- stress due to grade and drainage changes

Treating Trunk and Crown Injuries

- **Pruning.** Split, torn, or broken branches should be removed. Also, remove any dead or diseased limbs from the crown of the tree. It is best to postpone other maintenance pruning, such as crown raising, for a few years. Do not thin or reduce tree canopies to compensate for root loss.
- **Cabling and Bracing.** If branches or tree trunks need additional support, a professional arborist may be able to install cables or bracing rods. If cables or braces are installed, they must be inspected regularly. The amount of added security offered by the installation of support hardware is limited. Not all weak limbs are candidates for these measures.
- **Treating Damaged Bark and Trunk Wounds.** Bark may be damaged along the trunk or

on major limbs. If this happens, remove the loose bark. Jagged edges can be cut away with a sharp knife. Take care not to cut into living tissues.

- **Irrigation and Drainage.** One of the most important tree maintenance procedures following construction damage is to maintain an adequate, but not excessive, supply of water to the root zone. Water trees as needed, especially during the dry summer months. A long, slow soak over the entire root zone is the preferred method of watering. Avoid frequent, shallow watering or overwatering. Poor drainage must be corrected or trees will decline rapidly.
- **Mulching.** Apply a 2- to 4-inch layer of organic mulch such as wood chips, shredded bark, or pine needles over a tree's root system for a simple and effective means of enhancing root growth. The mulch helps condition the soil, moderates soil temperatures, maintains moisture, and reduces competition from weeds and grass. The mulch should extend as far out from the tree as practical for the landscape site.

Hazard Trees identified by the consulting arborist for this plan, Bartlett Tree Experts, utilized a multifaceted approach to the assessment of the Urban Forest. The trees that were identified were based on some of the above metrics as well as the metrics outlined in the "Inspection Protocol" section of this plan. The removal of these, as well as the responsible stewardship of the Tree Canopy and healthy stands of trees that are present are imperative to the long-term health of the region. The increase of planting through the "priority planting zones" identified with this planning process help municipalities plan for the future of increasing the canopy for the direct health benefits of their respective communities with a sustainable and manageable strategy to ensure Service Departments can steward this Natural Infrastructure.

A rotten inner core in the trunk or structural weakness in branching patterns can cause a split trunk. The wounds are too large to ever mend.

Arbor Day Foundation

PRIVATE TREE POPULATION

This plan is geared heavily toward the municipality owned trees and management there-of, but the Urban Forest is made up of all the trees within the community. This includes those trees that are on the private land managed by businesses and residents. All trees within the Urban Forest have an equal importance and should be stewarded by their land managers with the same level of care and attention. Property-owners can use this full document for tips and strategies for managing their personal trees, but beyond that here are some points of interest directed to strengthen the landowner's vested interest in trees:

Aesthetics

Trees are truly beautiful. The purposeful incorporation of trees in your landscape can improve the curbside appeal of your property or become a defining a focal point in your yard. This asset can do everything from marking the seasons with foliage in spring, flowers, a beautiful green shade producing canopy in summer, and a multitude of colors in the fall.

Fruits of Your Yard

If strategically chosen and planted, trees can be wonderful producers of fruit we eat from cherries, to apples, to pears, and berries. Along with the edible benefit they provide, these trees create a gorgeous spring scene production of flowers. This food can help sustain us, but also can attract a multitude of birds, wildlife, and fauna that add to the serenity of your personal piece of land.

Wildlife Habitat

Trees are a place that can harbor wildlife within their branches that can have quite a benefit to the surrounding developed world. These trees and natural features create a habitat in your yard to give a home to displaced wildlife that would otherwise look to take up housing within a structure that may not be ideal for the landowner. These trees can be home to pollinators (such as butterflies, moths, bees), birds, squirrels, and if planted on a waterway; fish.

Serenity

Trees provide a place of healing. Studies show that viewsheds including trees, "forest bathing" walking through trees, and sitting under trees have positive mental health benefits for people of all ages and demographics.

Energy savings

Trees cool our homes, streets, and cities by up to 10˚F. This temperature reduction allows homeowners and city governments to save money on cooling costs during the hot summer months. When we are using less energy to cool our

homes and businesses, we are saving fossil fuels and other resources that can potentially pollute the planet.

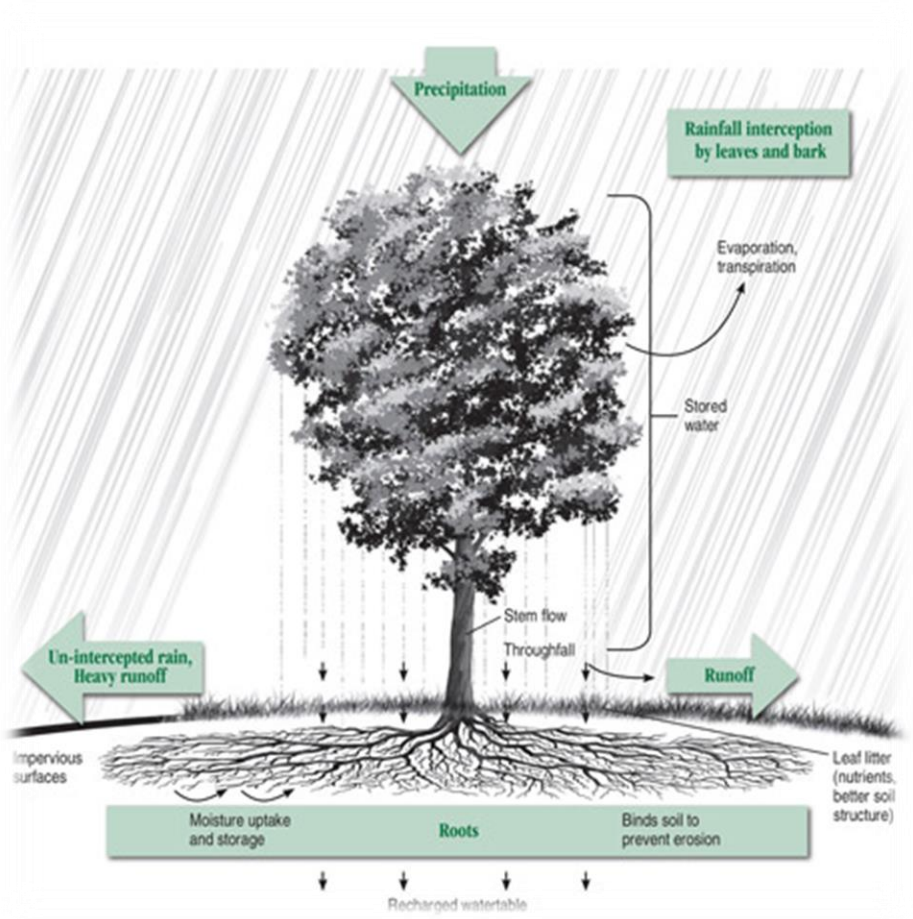
Wind and Sound Breaks

Trees that are used as a barrier from gusts of wind, high UV sun rays, or loud area intersections or highways can have an inherent benefit to the land owner that will make your home life more disconnected from the fast moving world and will enhance your appreciation for your landscape. This can have a multitude of benefits from sound pollution, cold blasts in winter, heat waves in summer, and will better the air quality within your yard by pulling out pollutants from the air.

Nature's Organic Purifiers

Through photosynthesis, trees convert carbon dioxide into clean oxygen for us to breathe. Approximately an acre of forest will produce enough oxygen for 20 people in the course of a year. They also act as an organic sponge that absorbs the pollutants that we would breath without their natural intervention.

This benefit also includes being critical infrastructure for stormwater management. Trees hold soils in place, roots decompact some otherwise heavily compacted clays (and other soil types). This allows a porous nature to the soils that are around the root systems, guiding stormwater toward the tree for uptake into its bioaccumulated woody structure. This has the full functioning benefit of taking up nutrients, pollutants, and stormwater loading which in turn lessens the pressure on the local sewer system and reduces flooding of areas downstream from that specific location. Even trees seemingly not near a waterway are all within a stream's watershed. Groundwater flows no matter where you live and ends up in the neighboring waterways.



Seeing trees as a critical component of Stormwater Management (if planted with the "Right Tree Right Place" strategy), we can collectively and organically create a full range systematic approach to help with flooding caused by development.

OUTREACH AND EDUCATION

Climate Change, Soil Pollution, Health and Wellness are all addressed by planting trees!

With concern growing about climate change and worldwide urbanization, city forests have emerged as one solution to many of the social and environmental challenges cities face today. There is current research that shows increasing the tree canopy can reduce crime, increase health benefits to residents, cool down cities and more.

Local tree plantings also help residents build a stronger tie to their community and neighbors. Plantings help neighbors meet, start conversations, and build lasting relationships, weaving a connective fabric through the neighborhood. Green spaces in urban areas have been proven to influence social cohesion by providing a meeting place where people develop and maintain neighborhood ties.

Tree and urban greenery not only enhance the ability of residential neighborhoods to build community, they also positively contribute to business districts. Studies indicate that shoppers prefer to spend more time in canopied business districts and perceive merchants in those districts more positively than merchants in districts with fewer trees. This ultimately results in wider community networks encompassing not just where we live, but also where we work, shop, and play.

Our goal in the Mill Creek Watershed is to provide opportunities for community-based volunteer plantings so residents can get all the benefits of native trees as well as build a tighter knit community through the events. Our plantings are done with the help of volunteers, not contractors. The plantings provide residents within a community and educational hands-on opportunity to learn about proper plant selection, placement ('The Right Tree- Right Place'), and ongoing maintenance, all while making a direct tangible difference to their quality of life.

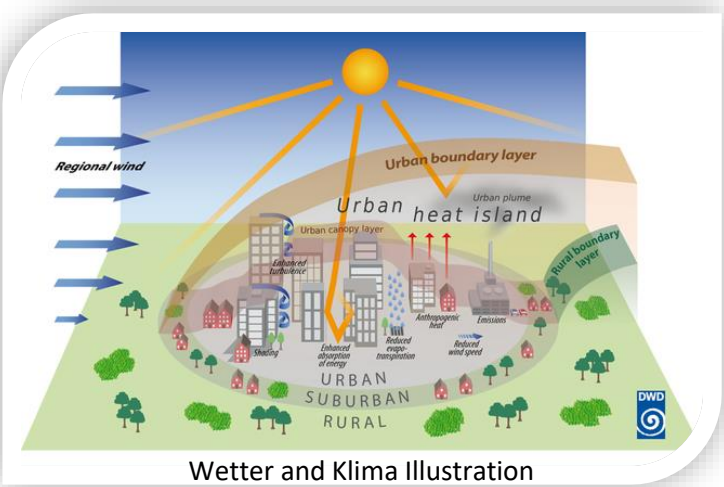
The Mill Creek Watershed Partners and West Creek Conservancy would like to continue their outreach and education of the importance of native trees and plants in the Mill Creek communities. Through these community-based volunteer events as well as involving local businesses and schools, we hope to strengthen our reach to residents and build stronger community ties.

TREE BENEFITS

Environmental Benefits

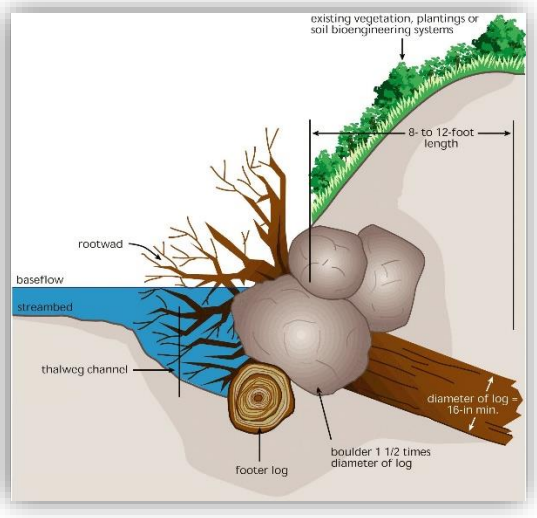
Air Quality: Trees play several roles in the improvement of air quality. Absorbing air pollutants is the most direct way that trees impact this metric. Trees also create some microclimates with cooler temperatures that can, in turn, reduce the need for air conditioning buildings. Air pollution inherently increases with higher temperatures, so these microclimates and reduction of temperature from the canopy increase is imperative to improving overall air quality.

Stormwater Management: The root systems of trees reduce the loading of stormwater on the local sewer systems by uptake for the tree's biological functions from capturing groundwater flow. The leaves and branches of the trees also absorb water to a degree that has an impact on the surrounding area, specifically below the dripline of the tree. A well-established soil structure around the tree (proper mulching or Duff 'leaf hummus') can also have a positive effect on the retention of stormwater in the tree's zone by having the capacity to hold more water with storm events.



Wetter and Klima Illustration

Helping Neutralize the "Heat Island": Heat Islands are created by the man-made establishment of high imperviousness and structures that are typical of urbanized areas. The more developed an area, the higher inherent temperature that there will be. Trees and other vegetation can reduce this heat island effect by shading parking lots and other surfaces. This phenomenon is the prime example of the health benefit of a healthy tree canopy. With an Urban Forest that has a strong canopy has a more regulated temperature and reduces the need for air-conditioning buildings. Trees located on the south side of buildings provide structural summer shade and cooling, while evergreens planted can act as windbreaks to mitigate the effects of the winter chill.



Habitat and Relation: Trees are a primary source of habitat for the fauna of the region. These, along with a healthy understory (shrubs, lower trees, native plants etc) allow for animals and humans to live in harmony with minimal need to negatively impact each other's living habits. Trees planted near waterways allow for multifaceted habitat functions in that they create a habitat for bird, small animal, insect, and fish populations.

Social Benefits

Sense of Place: In neighborhood development and visioning, the idea of a tree lined street gives a full sense of place for the Visioneer as well as the beneficiaries to the execution of the design. Trees give community members a feeling of pride and stewardship to their neighborhood. With the increase of beauty, the investment in the municipality in Natural Infrastructure, and the inherent benefits that come with the betterment of the canopy in the area, residents, and business owners flock to where they feel more at home. Trees give the welcome that most are striving to achieve.

Walkability: The idea of the "complete street" with walking path disconnected from traffic with a healthy tree canopy providing shade not only allow for residents and visitors to have a safe and welcoming walking experience, it encourages them to stay and shop at the local stores and restaurants.

Safety: In strategies that are tied to architectural exterior elements in strategies such as "Crime Prevention Through Environmental Design", or landscape design elements of lines of sight and proper lighting, safety can be enhanced through the fostering of a healthy Urban Forest. This must be done with an intrinsic eye on the safety of the community as well as the long-term benefits that the trees will provide to the region. Along with these benefits:

CityLab Walkable Streets Demo Photo

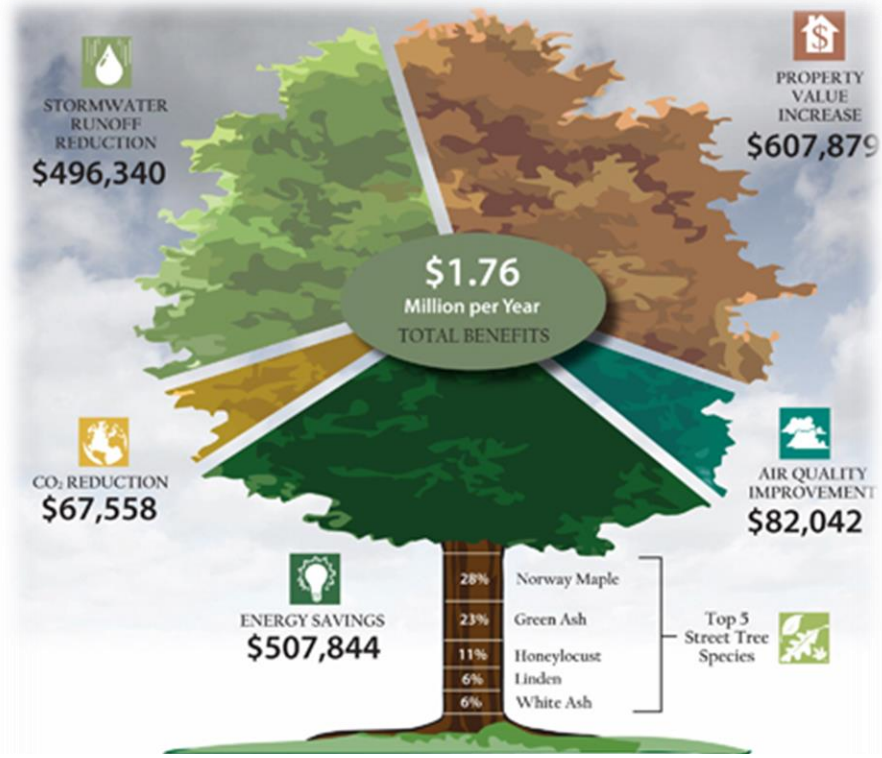
- Trees provide inviting and cool areas for recreation and relaxation such as playgrounds and parks.
- Trees create a tapestry of color and interesting form that changes throughout the year.
- Trees screen unattractive views and soften the harsh outline of masonry, metal, asphalt, steel and glass.
- People walk and jog more on shaded streets, which encourages interaction with neighbors and improves the sense of community.
- Trees absorb and block sound, reducing noise pollution by as much as 40 percent.

Economic Benefits

Increased Activity in Retail Areas: Street trees can raise the aesthetic appeal of a shopping street, and thus attract more shoppers to a retail block. Consumers have a 12% higher willingness to pay for goods and services in retail areas that have streetscape greening such as street trees and sidewalk gardens (Wolf, 2013).

Increased Property Values: Street trees increase property value gains environmentally, socially, and aesthetically. Having large trees in yards along streets increases a home's value from 3 percent to 15 percent (Wolf, 2007). Also, walking vicinity to publicly accessible greenspace increases property values by as much as 15% depending on distance and ease of walkability.

On top of these inherent benefits, the direct benefit of the urban forest is one that cannot be ignored. Assessments of a community's canopy gives results such as the chart below, showing the importance of trees in the urbanized environment.



Example of an I-Tree Analysis of an Urban Forest with quantified benefits

BECOMING A TREE CITY USA

The Tree City USA program provides direction, assistance, and national recognition for your community. It is the framework for a healthy, sustainable urban forestry program in your town. And the benefits are substantial.

These benefits include:

- **Reduce costs for energy, stormwater management, and erosion control.** Trees yield 3–5 times their cost in overall benefits to the city.
- **Cut energy consumption by up to 25%.** Studies indicate that as few as three additional trees planted around each building in the United States could save $2 billion annually in energy costs.
- **Boost property values across your community.** Properly placed trees can increase property values from 7–20%. Buildings in wooded areas rent more quickly, and tenants stay longer.
- **Build stronger ties to your neighborhood and community.** Trees and green spaces directly correlate to greater connections to neighbors.
- **Honor your community** and demonstrate your commitment to a healthier environment through Arbor Day celebrations and Tree City USA recognition.
- **Benefit from a framework for action provided by the four core standards.** Many communities use the Tree City USA standards as a way to begin caring for city trees. Others regularly enhance urban forest management through improved ordinances, innovative programs and increased emphasis on planting and care.
- **Educate people living in your city about the value of trees and the importance of sustainable tree management.** Annual participation as a Tree City USA community provides this opportunity and makes it easier to engage individuals and organizations throughout the city. Tree City USA status can also create a strong working relationship with your state forestry agency and other groups.
- **Improve community pride.** Participation in the Tree City USA program helps residents feel good about the place they live and work. Annual recognition shows visitors and prospective residents that trees, conservation, and the environment are important to your community.
- **Gain publicity with recognition materials.** Tree boards, parks departments, public works officials and volunteers are recognized for the valuable work they provide to the community. Many communities share their Tree City USA recognition across city departments as well as with elected officials, students, and business leaders.

To qualify as a Tree City USA community, you must meet four standards established by the Arbor Day Foundation and the National Association of State Foresters. These standards were established to ensure that every qualifying community would have a viable tree management program and that no community would be excluded because of size.

Four Standards for Tree City USA Recognition

Standard 1

A Tree Board or Department

Someone must be legally responsible for the care of all trees on city- or town-owned property. By delegating tree care decisions to a professional forester, arborist, city department, citizen-led tree board or some combination, city leaders determine who will perform necessary tree work. The public will also know who is accountable for decisions that impact community trees. Often, both professional staff and an advisory tree board are established, which is a good goal for most communities.

The formation of a tree board often stems from a group of citizens. In some cases, a mayor or city officials have started the process. Either way, the benefits are immense. Involving residents and business owners creates wide awareness of what trees do for the community and provides broad support for better tree care.

The Tree Commission is designed to both create a central stewardship advisory body as well as keep educated citizens and professionals engaged in the management of the Urban Forest as well as outreach activities. This group is often called a tree board or an urban forestry advisory council. They typically educate the citizens at large on the importance of trees, interact directly with elected officials in support of the program, assist in maintenance tasks like small tree maintenance, mulching, planting, and watering, and apply for grants and generate private financial donations. The Tree Commission's mission will be to recommend unbiased, citizen-based direction and alternatives regarding community tree management to City staff as well as hear appeals or consider request from private parties to remove City trees. Removals will be guided strongly by the hazards delineated from the Bartlett Tree Experts inventory that was performed. Even with this engagement, the ultimate responsibility for managing City Trees will be centralized within the structure of each respective municipality.

Standard 2

A Tree Care Ordinance

A public tree care ordinance forms the foundation of a city's tree care program. It provides an opportunity to set good policy and back it with the force of law when necessary.

A key section of a qualifying ordinance is one that establishes the tree board or forestry department—or both—and gives one of them the responsibility for public tree care (as reflected in Standard 1). It should also assign the task of crafting and implementing a plan of work or for documenting annual tree care activities.

Qualifying ordinances will also provide clear guidance for planting, maintaining and/or removing trees from streets, parks and other public spaces as well as activities that are required or prohibited. Beyond that, the ordinance should be flexible enough to fit the needs and circumstances of the particular community.

For tips and a checklist of important items to consider in writing or improving a tree ordinance, see Tree City USA Bulletin #9.

Standard 3

A Community Forestry Program with an Annual Budget of at Least $2 Per Capita

City trees provide many benefits—clean air, clean water, shade and beauty to name a few—but they also require an investment to remain healthy and sustainable. By providing support at or above the $2 per capita minimum, a community demonstrates its commitment to grow and tend these valuable public assets. Budgets and expenditures require planning and accountability, which are fundamental to the long-term health of the tree canopy and the Tree City USA program.

To meet this standard each year, the community must document at least $2 per capita toward the planting, care and removal of city trees—and the planning efforts to make those things happen. At first this may seem like an impossible barrier to some communities. However, a little investigation usually reveals that more than this amount is already being spent on tree care. If not, this may signal serious neglect that will cost far more in the long run. In such a case, working toward Tree City USA recognition can be used to reexamine the community's budget priorities and redirect funds to properly care for its tree resources before it is too late.

Standard 4

An Arbor Day Observance and Proclamation

An effective program for community trees would not be complete without an annual Arbor Day ceremony. Citizens join together to celebrate the benefits of community trees and the work accomplished to plant and maintain them. By passing and reciting an official Arbor Day proclamation, public officials demonstrate their support for the community tree program and complete the requirements for becoming a Tree City USA!

This is the least challenging—and probably most enjoyable—standard to meet. An Arbor Day celebration can be simple and brief or an all-day or all-week observation. It can include a tree planting event, tree care activities or an award ceremony that honors leading tree planters. For children, Arbor Day may be their only exposure to the green world or a springboard to discussions about the complex issue of environmental quality.

The benefits of Arbor Day go far beyond the shade and beauty of new trees for the next generation. Arbor Day is a golden opportunity for publicity and to educate homeowners about proper tree care. Utility companies can join in to promote planting small trees beneath power lines or being careful when digging. Fire prevention messaging can also be worked into the event, as can conservation education about soil erosion or the need to protect wildlife habitat.

Applying to be a "Tree City USA"

The Mill Creek Watershed Partnership will assist in the coordination and application process for any community that is interested in becoming a Tree City USA. Complying with the 4 standards are crucial to the acceptance of a municipality within the program. This is an important intrinsic showcase of stewardship being that trees are a vital asset. In fact, our natural infrastructure is one of the only parts of our city's infrastructure that increases in value and service over time. The Tree City USA program provides an outstanding framework for managing this important asset. It is our recommendation and hope that all support our trees as a vital community resource. For more content and guiding information, see the included appendices to this plan.

Contact us at the Mill Creek Watershed Partnership - P.O. Box 347113 Cleveland, Ohio 44134 E-mail: info@westcreek.org, or contact Tyler Stevenson - Urban Forestry Coordinator at the Division of Forestry 2045 Morse Road, Bldg. H-1, Columbus, OH 43229. 614-265-6707 | Fax: 614-447-9231 | E-mail: tyler.stevenson@dnr.state.oh.us

Content in this section provided by the Arbor Day Foundation and Tree City USA and adapted by the Mill Creek Watershed Partnership

NATURAL RESOURCE PROTECTION ORDINANCES (Forestry)

The updated (or novel establishment of) Urban Forestry Ordinances and codes shall include some of the subsequent provisions:

- Establish policies and guidelines for the protection of a certain class of trees, with the goal to retain a healthy urban forest while creating intrinsic stewardship of Civic trees.
- Discourage removal of healthy, mature trees within the city.
- Identifying trees as important City Stormwater Infrastructure that is the only infrastructure that grows in value through maturity.
- Maintain healthy trees and remove hazard trees identified in the Bartlett Tree Experts inventory performed in 2020 or as identified by through inspection.
- The possible designation of Heritage Trees to create Civic Pride around historic and culturally important trees.

Illustration by Leah Lovise

The ordinances should guide planting and maintenance (or hazard removal) of trees in City parks, street trees, or privately owned trees in that pose a threat to the public ROW. The ordinance should include metrics and guidance for tree planting as per recommendation by the Cuyahoga Soil and Water Conservation District as well as Maintenance and Stewardship protocols outlined by the same. The ordinances shall include a process for the respective service department's removal strategies, with initial guidance as identified by the formal inventory performed by Bartlett Tree Experts, and long term guided by the ArborScope™ web-based management system fostered by the City and the Tree Commission created as a result of this plan.

For more information and details on how the Mill Creek Watershed Partnership; West Creek Conservancy; Cuyahoga Soil and Water Conservation District; Northeast Ohio Regional Sewer District; Natural Resource Conservation Service of the U.S. Department of Agriculture; Northeast Ohio Areawide Coordinating Agency; Ohio Department of Natural Resources, Division of Natural Areas and Preserves; Ohio Environmental Protection Agency; U.S. Environmental Protection Agency and Arbor Day Foundation recommend drafting the municipal Urban Forestry Ordinances (Including Tree and Riparian), please refer to ***APPENDIX A***.

MUNICIPAL PROFILES

Included in this plan are the communities of Cuyahoga Heights, Garfield Heights, Maple Heights, and North Randall (*in no specific order*). These communities are in a similar geographic location, being on the east side of the Cuyahoga River in the Mill Creek Watershed and South of the City of Cleveland, though each hold unique opportunities for managing and enhancing their respective urban tree canopy.

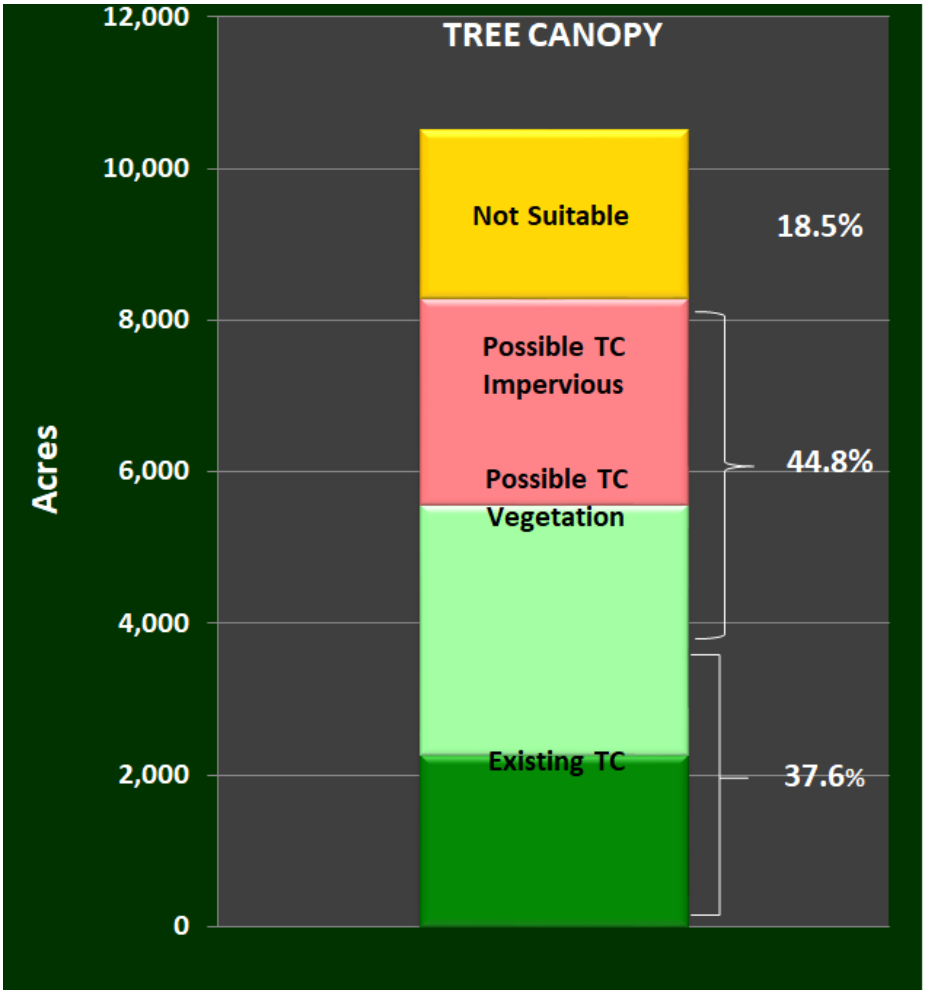
As the graphs outline below, each community has a high percentage of "possible" area for canopy establishment via satellite analysis by Cuyahoga County. Though there are site specific obstacles in structures, development, land use, and other restrictions that will not allow for the immediate reaching of that level of canopy, there is opportunity to increase the Urban Forest significantly using this as a guide.

Existing Tree Canopy:

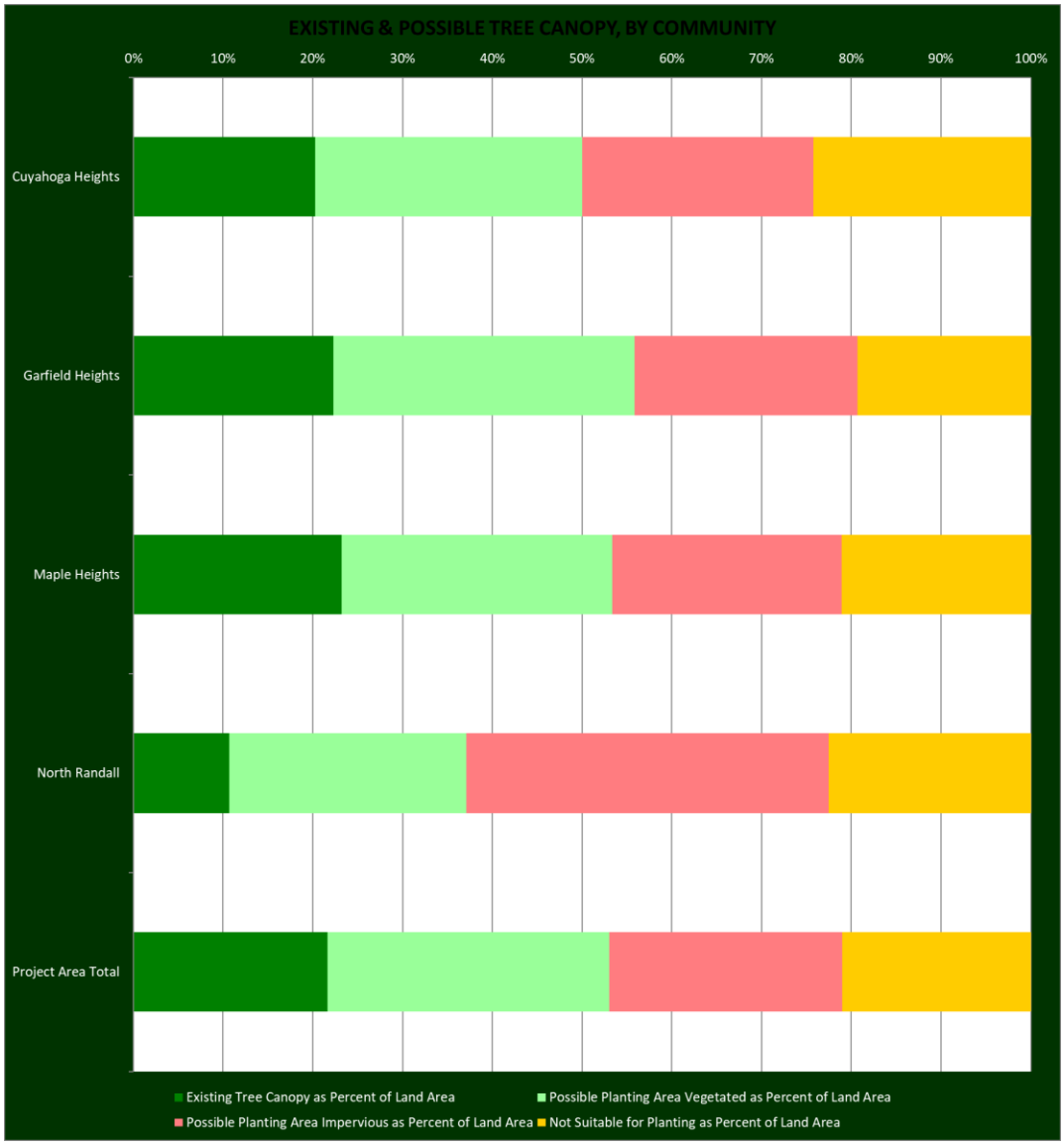
Being the Southeast section of Cuyahoga County with heavy urbanized environmental constraints, this region will greatly benefit from a systemic and formulated plan that outlines the feasible tree canopy increase (managing the current natural infrastructure) that aligns with the community strategies for forestry.

The following graphs are derived for the collective municipalities of interest.

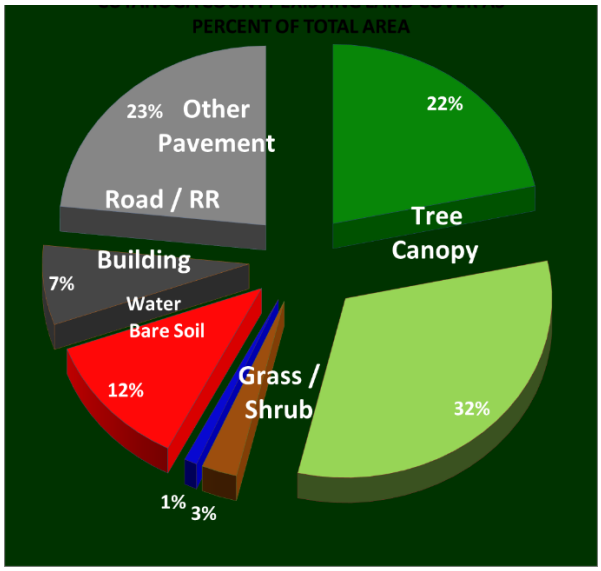
Possible and Existing Tree Canopy (Collective)



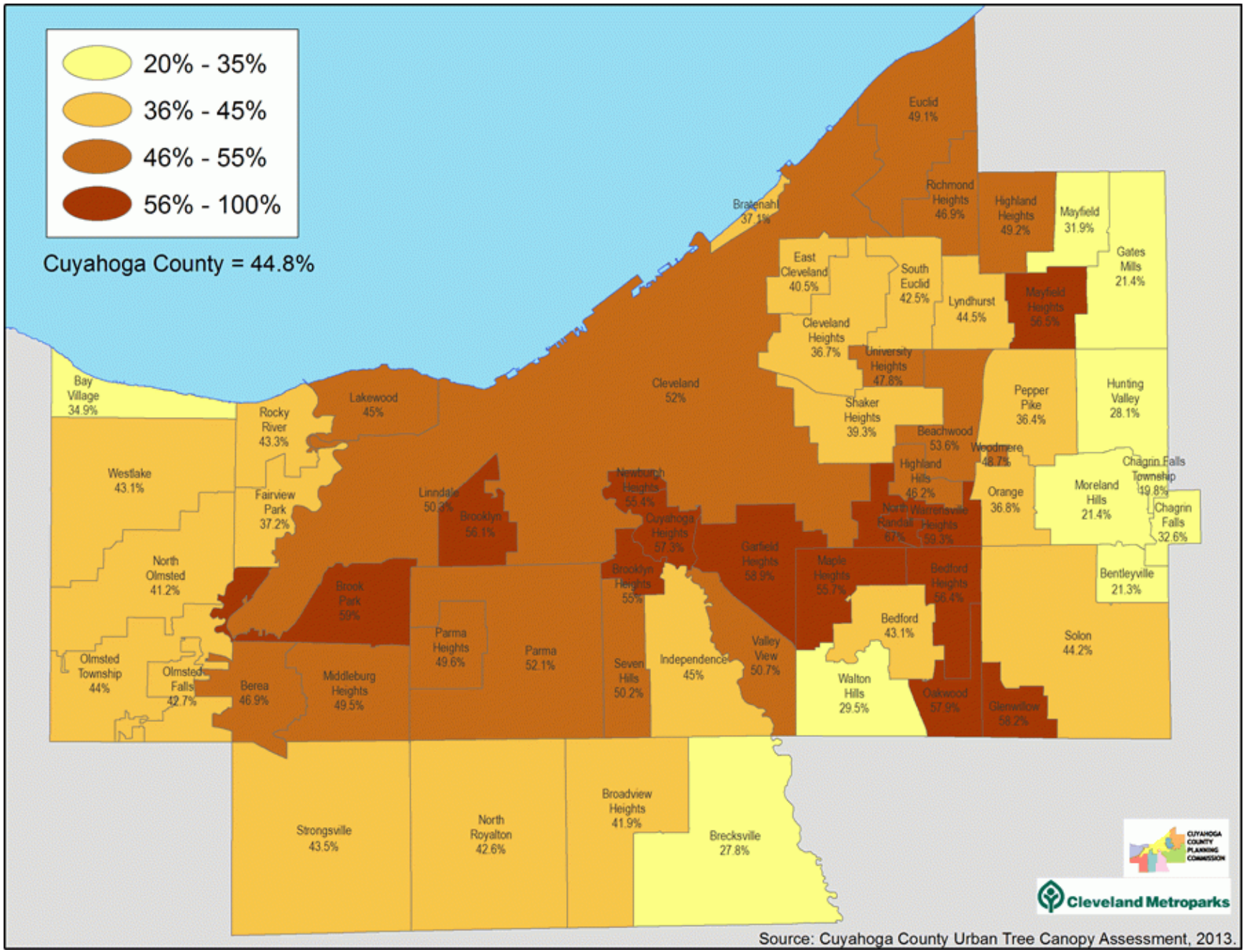
Breakout of each community of interest: Existing and Possible Tree Canopy



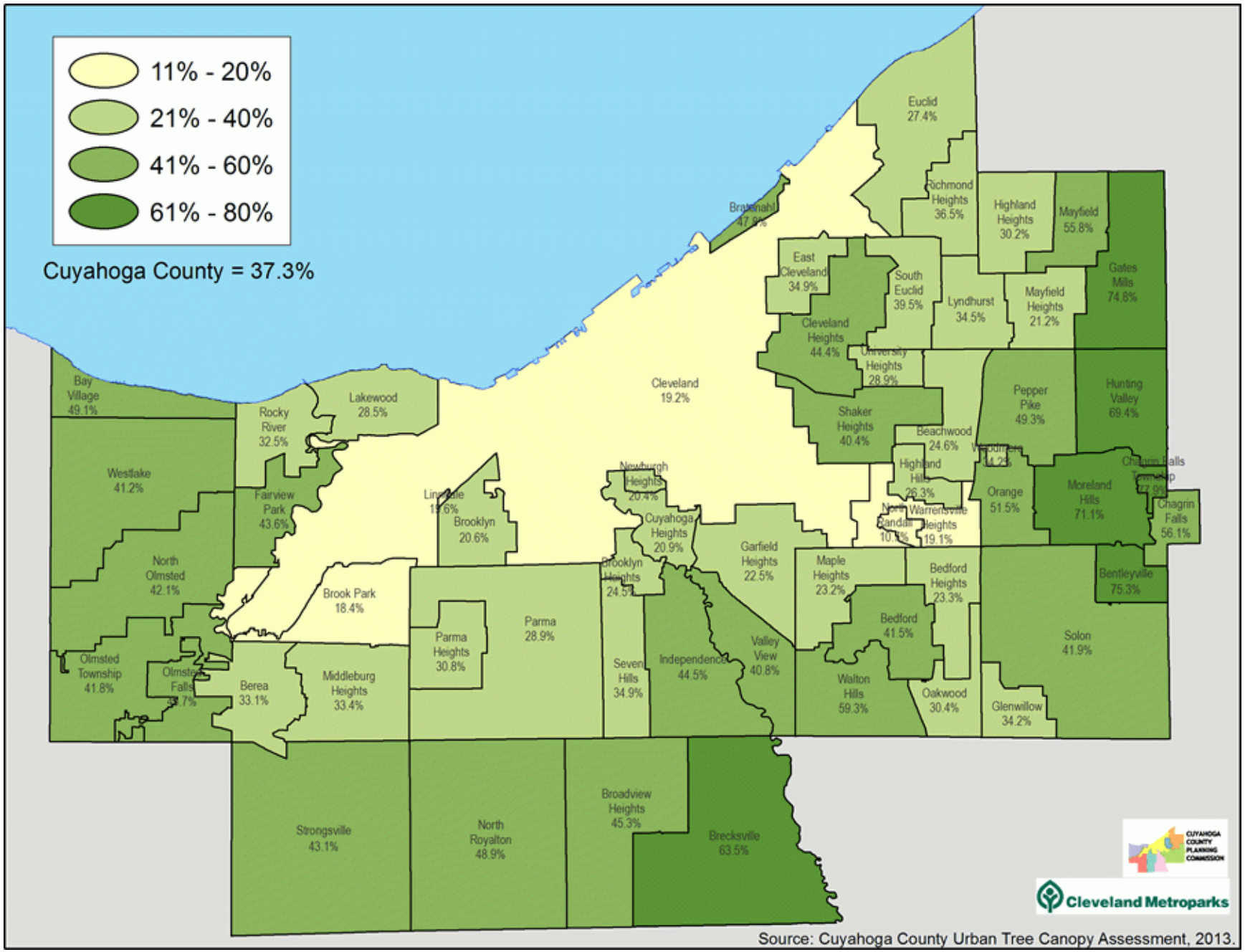
Land Cover (Collective)



Possible Tree Canopy in Cuyahoga County per Community



Existing Tree Canopy in Cuyahoga County per Community



Cuyahoga Heights

"I think it goes without saying that trees are an essential part of life in providing us with clean air and beauty to the landscape, and we in the Village of Cuyahoga Heights recognize that. We also recognize what a critical factor they are to everyone's existence on this planet—not only do they provide us with the materials for building, shade to keep us cool, habitat(s) for our wildlife and so much more. But all of that pales in comparison to the role they (and all plants) play in the carbon recycling that takes place throughout their lifetime and how they help to reduce the contraction of greenhouse gases in our atmosphere. Simply said, without them…we don't exist, and to that—we thank them." ***Mayor Jack Bacci***

Current Forestry Ordinances in place

Below is an outline of the current ordinances that help keep the Urban Forest healthy. As with all codes and ordinances, there are municipal specific items and differences per respective community. Also note, as with all codes and ordinances, there may be updates or additions recommended to keep our region up to date. For more details and updated explanations of the contents of these, please reference the Codified Ordinances of Cuyahoga Heights.

248.06
TREE TRIMMING AND TREE REMOVAL SERVICE FOR RESIDENTS OF THE VILLAGE.

CHAPTER 1270
RIPARIAN SETBACKS
1270.01 Intent and scope.
1270.02 Purpose.
1270.03 Establishment of designated watercourses and riparian setbacks.
1270.04 Permitted uses.
1270.05 Prohibited uses in riparian setbacks.
1270.06 Variances.
1270.07 Inspection of the riparian setback.
1270.08 Boundary interpretation and appeals procedure.

1483.05
DESIGN AND CONSTRUCTION REQUIREMENTS; STREET AND OTHER PUBLIC IMPROVEMENTS; TECHNICAL STANDARDS; TREE TRIMMING.

642.04
INJURING VINES, BUSHES, TREES OR CROPS.

Recommendations for updates

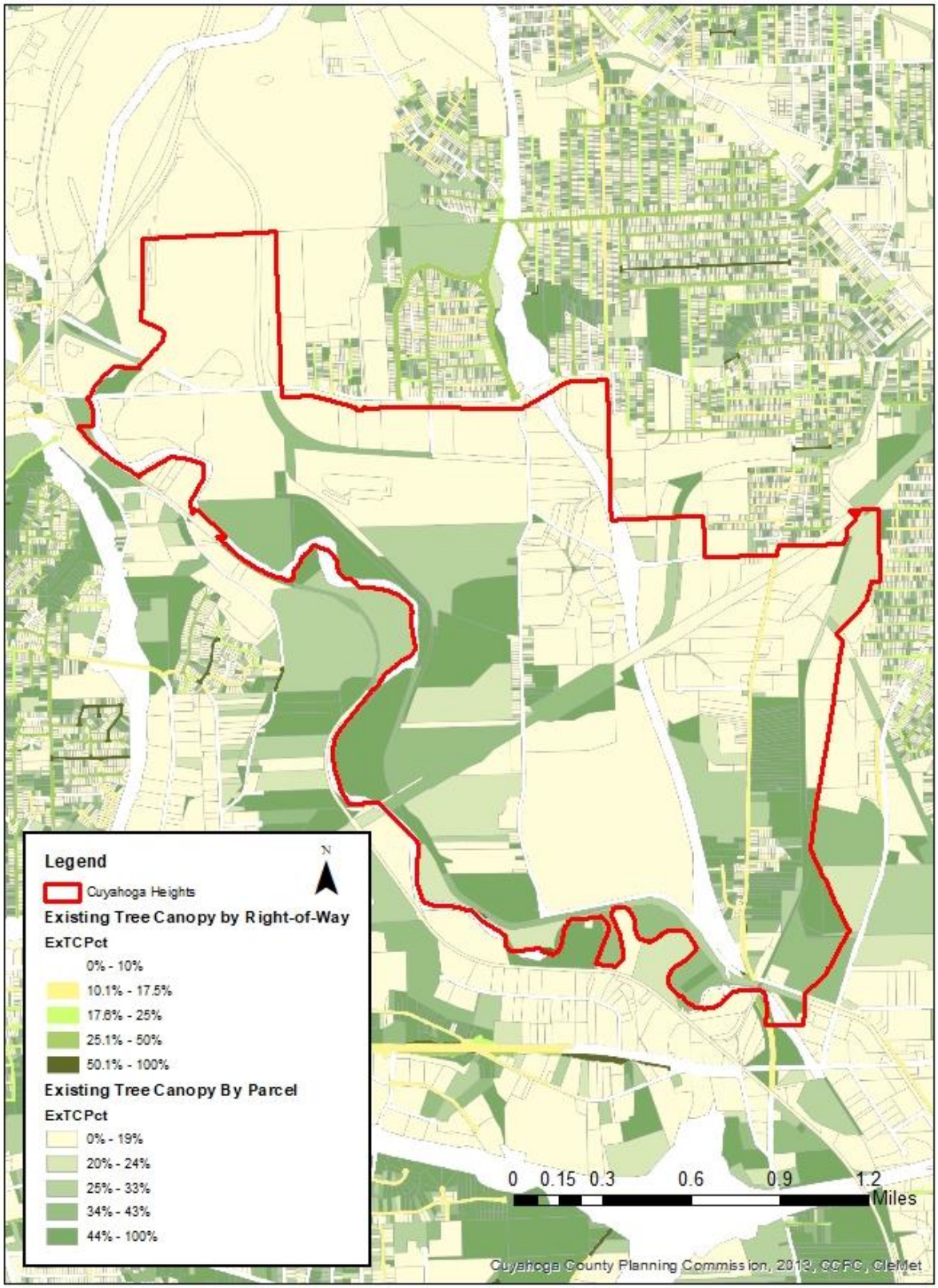
Following APPENDIX A on guidance for an updated Tree Ordinance with a focus on the creation of a Tree Commission in the municipality is recommended to move Cuyahoga Heights to being designated as a Tree City USA. With editing and adopting of this type of Ordinance, partners can also help better define the Urban Forest in compliment with the currently standing Ordinances in place protecting the Urban Forest and natural resources.

INVENTORY

The following Inventory has been completed by Bartlett Tree Experts, contracted by West Creek Conservancy for the Mill Creek Watershed Partnership's effort in the development of this Mill Creek Tree Plan for Cuyahoga Heights, Maple Heights, Garfield Heights, and North Randall (*in no specific order*).

PLEASE SEE ARBORSCOPE APP AND ASSICIATED DOCUMENTS FULL INVENTORY FOR ENTIRE LIST OF UPDATED MUNICIPAL TREES WITHIN THE PERVUE OF THIS PLAN. TREES NOTED IN THIS DOCUMENT ARE ONES IN NEED OF ATTENTION.

CUYAHOGA HEIGHTS EXISTING TREE CANOPY



2020 Cuyahoga Heights Tree Inventory

EXECUTIVE SUMMARY

In September 2020, the Bartlett Inventory Solutions (BIS) Team from Bartlett Tree Experts conducted an inventory of right of way trees in the city of-Cuyahoga Heights, OH. We identified 193 trees which included 3 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 requirement for safety.

Tree Risk Assessments and Mitigation

As part of the inventory process, the Inventory Team conducts a *basic assessment (Level 2)* from the ground in accordance with industry standards. While every tree poses a risk, typically *Low*, no trees were found to have defects or concerns at the time of inventory that prompted the use of the International Society of Arboriculture's (ISA) risk matrices in the field. However, we recommend close monitoring of trees for changes in condition, especially after weather events not considered normal for the area.

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 Rx®

Apply Bartlett's Soil Rx® program to 7 trees (4%) to correct nutrient deficiencies and optimize soil conditions for the designated trees. (Refer to Arborscope)

Root Collar Excavations

Perform **root collar** excavations to 88 trees (46%) 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. (Refer to Arborscope)

Pruning

Prune 190 trees (98%) for safety, health, structure, and appearance. Pruning will comply with current ANSI A300 standard practices for pruning. (Refer to Arborscope)

Structural Support

There are structural support system recommendations for 2 trees (1%) 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. (Refer to Arborscope)

Removals

Remove 3 trees (2%) due to condition or because of their location in relation to other trees to try and prevent competition or damage to infrastructure. (Refer to Arborscope)

CANOPY RECOMMENDATIONS

With the maintenance needs and Risk mitigation recommendations assessed by Bartlett Tree Experts, we recommend that implementation of this plan first rectifies the issues that were found in the field. This includes hazard tree removals, proper pruning, structural support, root collar excavations and other found issues (as noted in the Executive Summary preceding these recommendations). Once those are taken care of, the "right tree/right place" for some of these replacement trees as well as planting trees on streets and public land that currently do not feature canopy cover. It is the goal of this effort to both maintain and manage the current natural infrastructure of Cuyahoga Heights as well as responsibly increase the canopy cover of the municipality by strategically planting the ROW trees and public land. The Mill Creek Watershed partnership will work in tandem with Cuyahoga Heights to ensure long-term success and vitality of the Urban Tree Forest is realized.

PLEASE SEE ARBORSCOPE APP AND ASSICIATED DOCUMENTS FULL INVENTORY FOR ENTIRE LIST OF UPDATED MUNICIPAL TREES WITHIN THE PERVUE OF THIS PLAN. TREES NOTED IN THIS DOCUMENT ARE ONES IN NEED OF ATTENTION.

Stand Dynamics

Tree Species Identified

Our inventory revealed 3 species of trees, as detailed in the following table:

TREE SPECIES IDENTIFIED

Genus	Species	Common Name	Count	% Distribution Total
Prunus	sp.	Cherry	1	1%
Pyrus	*calleryana*	Pear-Callery	35	18%
Syringa	*reticulata*	Lilac-Japanese Tree	157	81%
Grand Total			**193**	**100%**

ENTIRE INVENTORY (193 Trees)

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase
3601	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	2
3602	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3603	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3604	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3605	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3606	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Fair	3
3607	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Fair	3
3608	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3609	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3610	Lilac-Japanese Tree	*Syringa*	*reticulata*	6	Small	Semi-mature	Fair	3
3611	Lilac-Japanese Tree	*Syringa*	*reticulata*	6	Small	Semi-mature	Good	3
3612	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3613	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Poor	3
3614	Lilac-Japanese Tree	*Syringa*	*reticulata*	6	Small	Semi-mature	Good	3
3615	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3616	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3617	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3618	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3619	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3620	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase
3621	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3622	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3623	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3624	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3625	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3626	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Fair	3
3627	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3628	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3629	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3630	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3631	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Fair	3
3632	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3633	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3634	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3635	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Fair	3
3636	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Fair	3
3637	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3638	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3639	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3640	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3641	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3642	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase
3643	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3644	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3645	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3646	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3647	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3648	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Fair	3
3649	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Fair	3
3650	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Fair	3
3651	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Fair	3
3652	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3653	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3654	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Fair	3
3655	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3656	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3657	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3658	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3659	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Fair	3
3660	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3661	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3662	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Fair	3
3663	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Fair	3
3664	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase
3665	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3666	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3667	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Fair	3
3668	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3669	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3670	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3671	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3672	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Fair	3
3673	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3674	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3675	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3676	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3677	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3678	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3679	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3680	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3681	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3682	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3683	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3684	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3685	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3686	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase
3687	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Fair	3
3688	Lilac-Japanese Tree	*Syringa*	*reticulata*	6	Small	Semi-mature	Good	3
3689	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3690	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Fair	3
3691	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3692	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3693	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3694	Cherry	*Prunus*	sp.	7	Small	Semi-mature	Good	3
3695	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3696	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3697	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3698	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Good	3
3699	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3700	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3701	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3702	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3703	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3704	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3705	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Good	3
3706	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3707	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3708	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Good	3

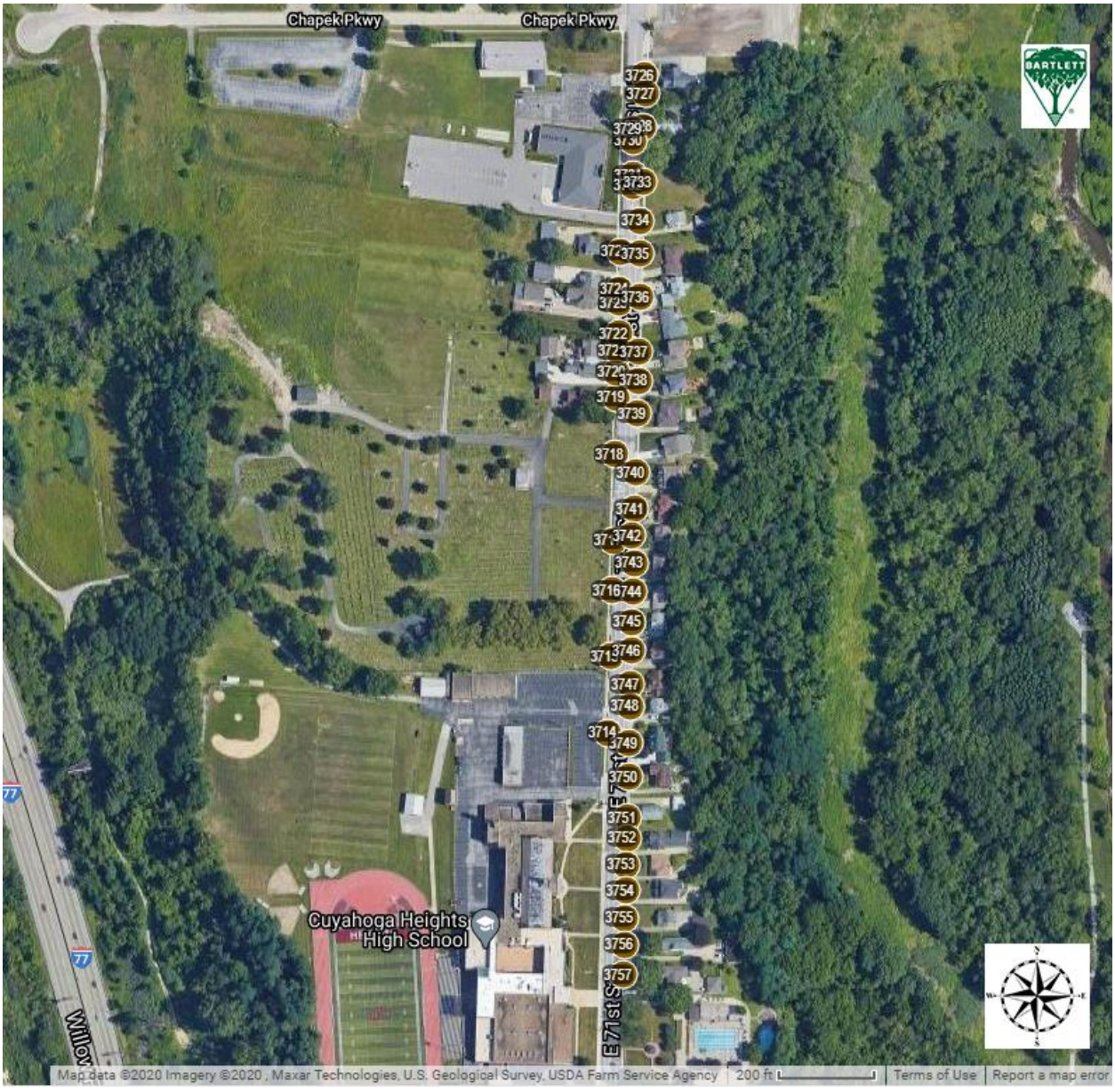
Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase
3709	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3710	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Fair	3
3711	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Fair	3
3712	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3713	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3714	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3715	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3716	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3717	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3718	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3719	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3720	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3721	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3722	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3723	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3724	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3725	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3726	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3727	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3728	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Fair	3
3729	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3730	Lilac-Japanese Tree	*Syringa*	*reticulata*	6	Small	Semi-mature	Good	3

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase
3731	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3732	Lilac-Japanese Tree	*Syringa*	*reticulata*	5	Small	Young	Good	3
3733	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3734	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3735	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3736	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3737	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3738	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3739	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3740	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3741	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3742	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3743	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3744	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Fair	3
3745	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Good	3
3746	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3747	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Fair	3
3748	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3749	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3750	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3751	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3752	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase
3753	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Good	3
3754	Lilac-Japanese Tree	*Syringa*	*reticulata*	2	Small	Young	Good	3
3755	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Good	3
3756	Lilac-Japanese Tree	*Syringa*	*reticulata*	3	Small	Young	Good	3
3757	Lilac-Japanese Tree	*Syringa*	*reticulata*	1	Small	Young	Good	3
3758	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Good	2
3759	Pear-Callery	*Pyrus*	*calleryana*	10	Medium	Semi-mature	Good	2
3760	Pear-Callery	*Pyrus*	*calleryana*	14	Medium	Semi-mature	Good	2
3761	Pear-Callery	*Pyrus*	*calleryana*	6	Medium	Semi-mature	Poor	1
3762	Pear-Callery	*Pyrus*	*calleryana*	16	Medium	Semi-mature	Good	3
3763	Pear-Callery	*Pyrus*	*calleryana*	16	Medium	Semi-mature	Fair	2
3764	Pear-Callery	*Pyrus*	*calleryana*	9	Medium	Semi-mature	Fair	2
3765	Pear-Callery	*Pyrus*	*calleryana*	3	Small	Young	Good	3
3766	Pear-Callery	*Pyrus*	*calleryana*	10	Medium	Semi-mature	Fair	2
3767	Pear-Callery	*Pyrus*	*calleryana*	9	Medium	Semi-mature	Good	2
3768	Pear-Callery	*Pyrus*	*calleryana*	13	Medium	Semi-mature	Good	2
3769	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Good	2
3770	Pear-Callery	*Pyrus*	*calleryana*	9	Medium	Semi-mature	Good	2
3771	Pear-Callery	*Pyrus*	*calleryana*	11	Medium	Semi-mature	Good	1
3772	Pear-Callery	*Pyrus*	*calleryana*	21	Medium	Semi-mature	Fair	1
3773	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Good	1
3774	Pear-Callery	*Pyrus*	*calleryana*	11	Medium	Semi-mature	Fair	1

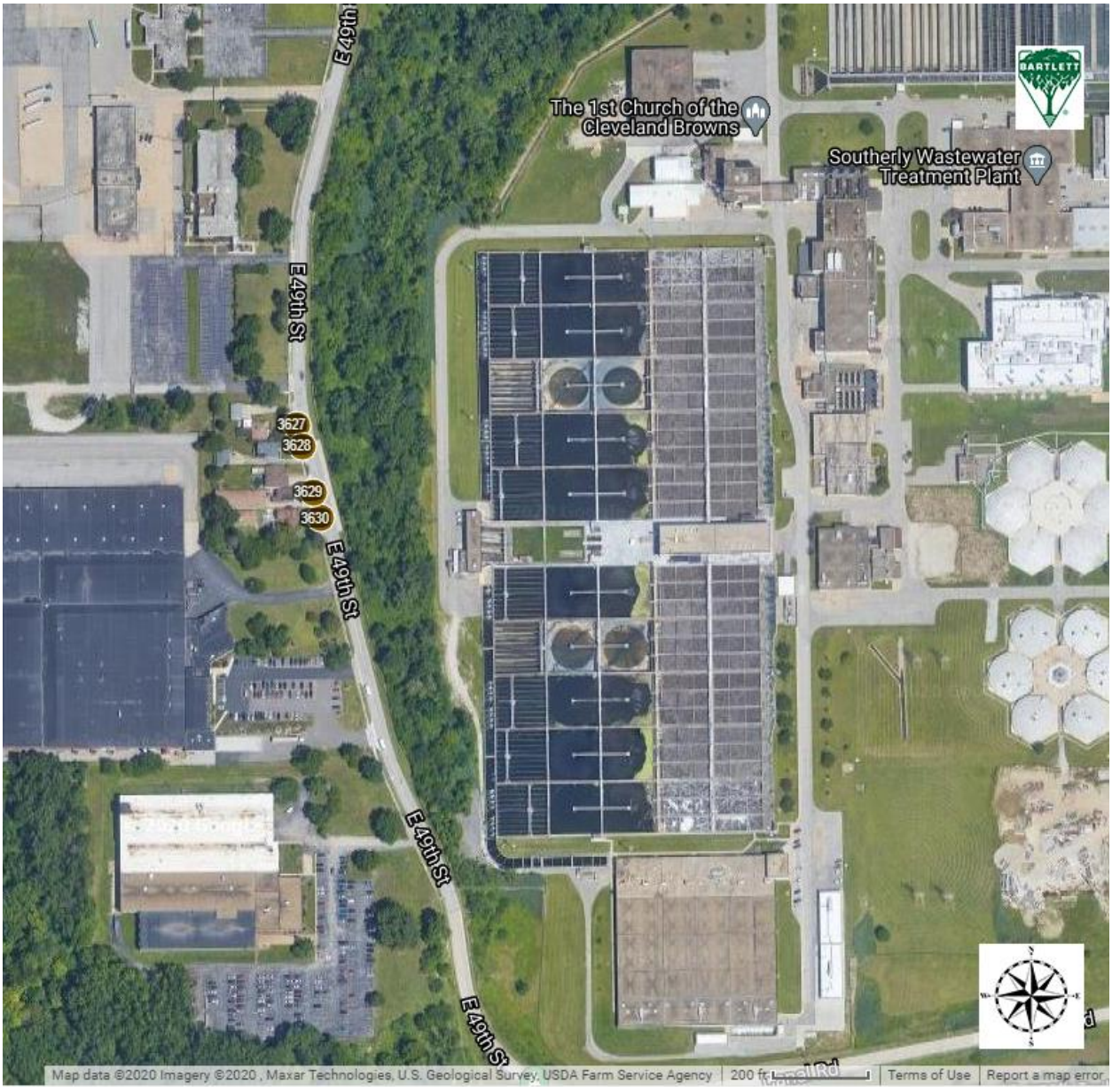
Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class	Tree & Shrub Work Phase
3775	Pear-Callery	*Pyrus*	*calleryana*	7	Medium	Semi-mature	Good	1
3776	Pear-Callery	*Pyrus*	*calleryana*	13	Medium	Semi-mature	Good	2
3777	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Good	2
3778	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Good	2
3779	Lilac-Japanese Tree	*Syringa*	*reticulata*	4	Small	Young	Good	3
3780	Pear-Callery	*Pyrus*	*calleryana*	7	Medium	Semi-mature	Good	2
3781	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Good	1
3782	Pear-Callery	*Pyrus*	*calleryana*	7	Medium	Semi-mature	Good	2
3783	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Good	2
3784	Pear-Callery	*Pyrus*	*calleryana*	10	Medium	Semi-mature	Good	3
3785	Pear-Callery	*Pyrus*	*calleryana*	11	Medium	Semi-mature	Good	3
3786	Pear-Callery	*Pyrus*	*calleryana*	11	Medium	Semi-mature	Good	3
3787	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Good	1
3788	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Fair	2
3789	Pear-Callery	*Pyrus*	*calleryana*	12	Medium	Semi-mature	Fair	2
3790	Pear-Callery	*Pyrus*	*calleryana*	16	Medium	Semi-mature	Fair	1
3791	Pear-Callery	*Pyrus*	*calleryana*	19	Medium	Semi-mature	Fair	3
3792	Pear-Callery	*Pyrus*	*calleryana*	18	Medium	Semi-mature	Fair	3
3793	Pear-Callery	*Pyrus*	*calleryana*	11	Medium	Semi-mature	Fair	2

2020 TREE INVENTORY



2020 TREE INVENTORY

2020 TREE INVENTORY



2020 TREE INVENTORY

Garfield Heights

"Garfield Heights is pleased to support the Cuyahoga County Climate Change Action Plan as we set the stage for trees to be planted in the future," "We know that a tree canopy plan will have a significant positive impact on the lives and health of our residents and community." **Mayor Vic Collova**.

Founded in 1919, Garfield Heights community leaders have embraced and endured a century of challenges. In 2020, the population is estimated at approximately 29,000. Optimally located in the center of Cuyahoga County, the city is home to Cleveland Clinic Marymount Hospital, Cuyahoga County Regional Library, Cleveland Metroparks Garfield Park Reservation, and numerous businesses, medical offices, schools and social support agencies.

Current Forestry Ordinances in place

Below is an outline of the current ordinances that help keep the Urban Forest healthy. As with all codes and ordinances, there are municipal specific items and differences per respective community. Also note, as with all codes and ordinances, there may be updates or additions recommended to keep our region up to date. For more details and updated explanations of the contents of these, please reference the Codified Ordinances of Garfield Heights.

CHAPTER 907
TREES AND HEDGES
907.01 Definitions.
907.02 Powers of Parks and Recreation Director.
907.03 Permit required to plant, prune or remove on public property.
907.04 Placing deleterious substances near trees.
907.05 Stone or concrete on ground adjacent to trees.
907.06 Electric wires near trees.
907.07 Animals injuring trees.
907.08 Protecting trees during building operations.
907.09 Moving of trees.
907.10 Trimming on public or private property.
907.11 Certain trees as nuisances; removal on public or private property.

907.12 Director's power to trim or remove trees on private property.
907.13 Interference with work prohibited.
907.14 City to treat or remove diseased trees on private property.
907.15 Notice to property owners; contents and service.
907.16 Billing property owners; determination of costs.
907.17 Failure to pay; assessing ordinance.
907.18 Suit to recover costs as alternate remedy.
907.19 License required for forestry, tree surgery or tree removal.
907.20 License fee, term and revocation.
907.21 Tree planting required: Fee.
907.22 Tree Planting Fund.
907.23 Height of hedge fences.
907.24 Hedges to be within confines of lot.
907.99 Penalty.

CHAPTER 1161
RIPARIAN SETBACKS
1161.01 Purpose and intent.
1161.02 Applicability.
1161.03 Definitions.
1161.04 Establishment of designated watercourses and riparian setbacks.
1161.05 Riparian Setback Map.
1161.06 Applications and site plan.
1161.07 Permitted buildings, structures, uses and related soil disturbing activities within a riparian setback without a zoning certificate.
1161.08 Permitted buildings, structures, uses and related soil disturbing activities within a riparian setback with a zoning certificate.
1161.09 Buildings, structures, uses and related soil disturbing activities prohibited within a riparian setback.
1161.10 Inspection of riparian setbacks.
1161.11 Nonconforming structures or uses in the riparian setback.

541.06
DESTRUCTION OF SHRUBS, TREES OR CROPS.

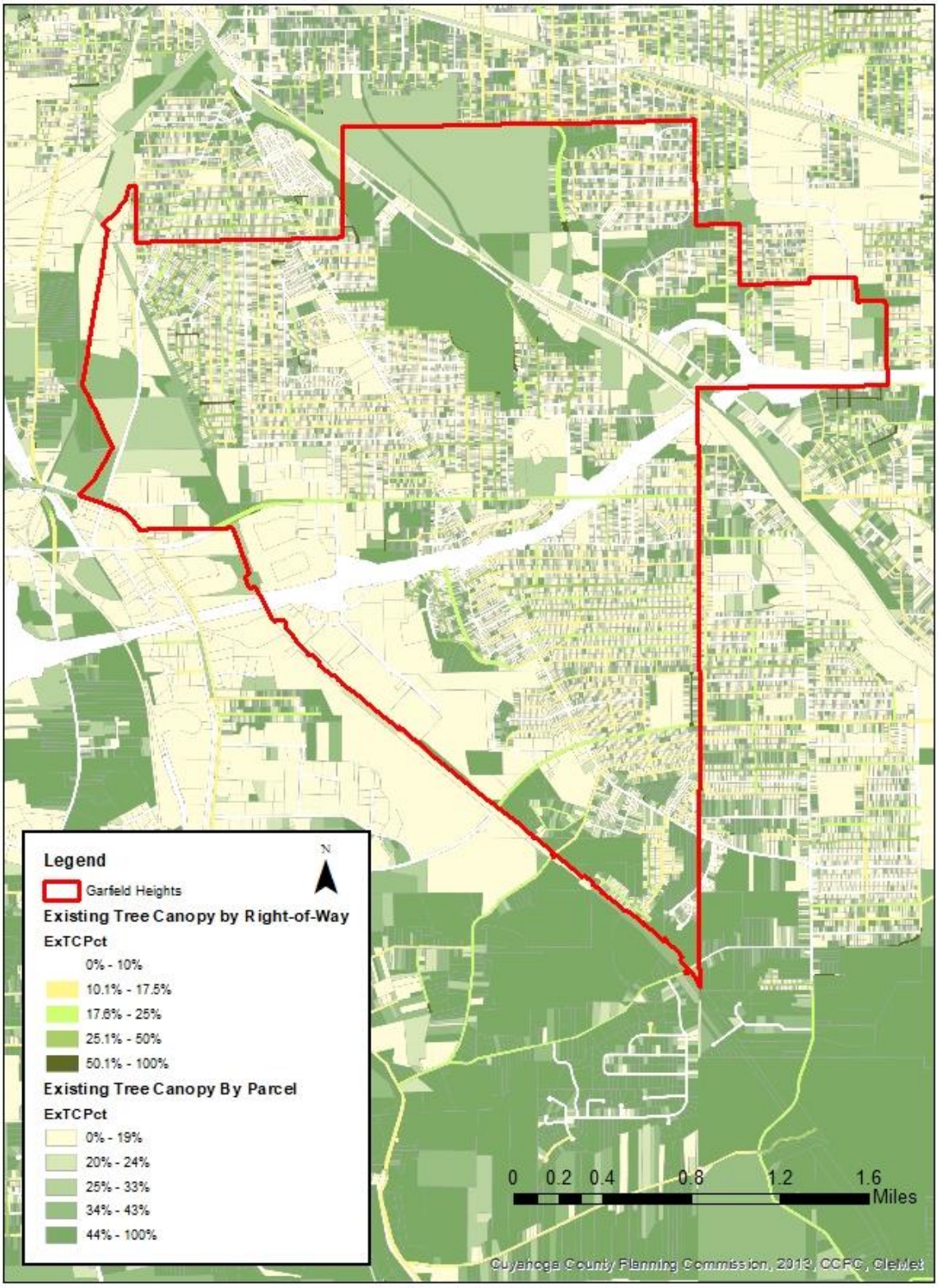
1155.08
LANDSCAPING AND SCREENING REQUIREMENTS.

Recommendations for updates

Following APPENDIX A on guidance for an updated Tree Ordinance with a focus on the creation of a Tree Commission in the municipality is recommended to move Garfield Heights to being designated as a Tree City USA. With editing and adopting of this type of Ordinance, partners can also help better define the Urban Forest in compliment with the currently standing Ordinances in place protecting the Urban Forest and natural resources.

It is encouraging to see that there are Trees/Hedges, Riparian Setback, Screening and other ordinances currently in place. The structure for a strong and Healthy Tree Canopy in Garfield Heights is set and nearly fully in place for long term success for the Urban Forest.

Garfield Heights Existing Tree Canopy



2020 Garfield Heights Tree Inventory

EXECUTIVE SUMMARY

In March 2020, the Bartlett Inventory Solutions (BIS) Team from Bartlett Tree Experts conducted an inventory of trees for the West Creek Conservancy of public right of way trees within the city of Garfield Heights, OH. We identified 2,757 trees which included 70 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 612 trees (22%) 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. (Refer to Arborscope)

Level 3 Advanced Assessment
Provide *Level 3 Advanced assessments* for 26 trees (1%) to evaluate the impact of wood decay that shows potential for failure. (Refer to Arborscope)

Root Collar Excavations
Perform **root collar** excavations to 278 trees (10%) 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. (Refer to Arborscope)

Pruning
Prune 2,283 trees (83%) for safety, health, structure, and appearance. Pruning will comply with current ANSI A300 standard practices for pruning. (Refer to Arborscope)

Structural Support
There are structural support system recommendations for 94 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. (Refer to Arborscope)

Removals
Remove 74 trees (3%) due to condition or because of their location in relation to other trees to try and prevent competition or damage to infrastructure. (Refer to Arborscope)

CANOPY RECOMMENDATIONS

With the maintenance needs and Risk mitigation recommendations assessed by Bartlett Tree Experts, we recommend that implementation of this plan first rectifies the issues that were found in the field. This includes hazard tree removals, proper pruning, structural support, root collar excavations and other found issues (as noted in the Executive Summary preceding these recommendations). Once those are taken care of, the "right tree/right place" for some of these replacement trees as well as planting trees on streets and public land that currently do not feature canopy cover. It is the goal of this effort to both maintain and manage the current natural infrastructure of Garfield Heights as well as responsibly increase the canopy cover of the municipality by strategically planting the ROW trees and public land. The Mill Creek Watershed partnership will work in tandem with Garfield Heights to ensure long-term success and vitality of the Urban Tree Forest is realized.

PLEASE SEE ARBORSCOPE APP AND ASSICIATED DOCUMENTS FULL INVENTORY FOR ENTIRE LIST OF UPDATED MUNICIPAL TREES WITHIN THE PERVUE OF THIS PLAN. TREES NOTED IN THIS DOCUMENT ARE ONES IN NEED OF ATTENTION.

Stand Dynamics

Tree Species Identified

Our inventory revealed 70 species of trees, as detailed in the following table:

TREE SPECIES IDENTIFIED

Genus	Species	Common Name	Count	% Distribution Total
Acer	*campestre*	Maple-Hedge	25	1%
	ginnala	Maple-Amur	5	< 1%
	griseum	Maple-Paperbark	1	< 1%
	negundo	Boxelder	1	< 1%
	palmatum	Maple-Japanese	1	< 1%
	platanoides	Maple-Norway	510	18%
	rubrum	Maple-Red	329	12%
	saccharinum	Maple-Silver	340	12%
	saccharum	Maple-Sugar	37	1%
	x *freemanii*	Maple-Freeman's	32	1%
***Acer* Total**			**1281**	**46%**
Aesculus	*glabra*	Buckeye-Ohio	1	< 1%
	hippocastanum	Horsechestnut-Common	17	1%
***Aesculus* Total**			**18**	**1%**
Amelanchier	*arborea*	Serviceberry-Downy	1	< 1%
	sp.	Serviceberry	1	< 1%
***Amelanchier* Total**			**2**	**< 1%**
Betula	*nigra*	Birch-River	2	< 1%
	papyrifera	Birch-Paper	2	< 1%
	populifolia	Birch-Gray	1	< 1%
***Betula* Total**			**5**	**< 1%**
Carpinus	*betulus*	Hornbeam-European	1	< 1%
	caroliniana	Hornbeam-American	1	< 1%
***Carpinus* Total**			**2**	**< 1%**
Carya	*glabra*	Hickory-Pignut	1	< 1%
	ovata	Hickory-Shagbark	1	< 1%
***Carya* Total**			**2**	**< 1%**
Castanea	*mollissima*	Chestnut-Chinese	1	< 1%
Catalpa	*speciosa*	Catalpa-Northern	8	< 1%
Cercis	*canadensis*	Redbud-Eastern	5	< 1%
	chinensis	Redbud-Chinese	1	< 1%
***Cercis* Total**			**6**	**< 1%**
Cladrastis	*kentukea*	Yellowwood	1	< 1%
Crataegus	sp.	Hawthorn	13	< 1%
Fagus	*grandifolia*	Beech-American	1	< 1%

Genus	Species	Common Name	Count	% Distribution Total
Fraxinus	*americana*	Ash-White	5	< 1%
	excelsior	Ash-European	1	< 1%
	holotricha	Ash-Balkan	1	< 1%
	pennsylvanica	Ash-Green	44	2%
***Fraxinus* Total**			**51**	**2%**
Ginkgo	*biloba*	Ginkgo	3	< 1%
Gleditsia	*triacanthos* var. inermis	Honeylocust-Thornless Common	506	18%
Juglans	*nigra*	Walnut-Black	5	< 1%
	regia	Walnut-English	2	< 1%
***Juglans* Total**			**7**	**< 1%**
Liquidambar	*styraciflua*	Sweetgum-Common	21	1%
Liriodendron	*tulipifera*	Tuliptree	25	1%
Magnolia	sp.	Magnolia	3	< 1%
	x *soulangiana*	Magnolia-Saucer	2	< 1%
***Magnolia* Total**			**5**	**< 1%**
Malus	sp.	Crabapple	64	2%
Metasequoia	*glyptostroboides*	Redwood-Dawn	1	< 1%
Morus	*alba*	Mulberry-White	1	< 1%
Ostrya	*virginiana*	Hophornbeam-American	3	< 1%
Pinus	*strobus*	Pine-Eastern White	1	< 1%
Platanus	*occidentalis*	Sycamore-American	9	< 1%
	x *acerifolia*	Planetree-London	7	< 1%
***Platanus* Total**			**16**	**1%**
Populus	*deltoides*	Poplar-Eastern	2	< 1%
Prunus	*avium*	Cherry-Sweet	6	< 1%
	cerasifera	Plum-Purple Leaf	1	< 1%
	serrulata	Cherry-Flowering	4	< 1%
	sp.	Cherry	7	< 1%
***Prunus* Total**			**18**	**1%**
Pyrus	*calleryana*	Pear-Callery	182	7%
Quercus	*alba*	Oak-White	12	< 1%
	bicolor	Oak-Swamp White	4	< 1%
	coccinea	Oak-Scarlet	1	< 1%
	palustris	Oak-Pin	99	4%
	robur	Oak-English	52	2%
	rubra	Oak-Northern Red	85	3%
	velutina	Oak-Black	6	< 1%
***Quercus* Total**			**259**	**9%**
Robinia	*pseudoacacia*	Locust-Black	10	< 1%
Salix	*matsudana*	Willow-Corkscrew	1	< 1%
	sp.	Willow	2	< 1%
***Salix* Total**			**3**	**< 1%**
Syringa	*reticulata*	Lilac-Japanese Tree	1	< 1%
Tilia	*americana*	Linden-American	85	3%

Genus	Species	Common Name	Count	% Distribution Total
	cordata	Linden-Littleleaf	142	5%
***Tilia* Total**			**227**	**8%**
Ulmus	*americana*	Elm-American	4	< 1%
	parvifolia	Elm-Lacebark	1	< 1%
	pumila	Elm-Siberian	5	< 1%
***Ulmus* Total**			**10**	**< 1%**
Zelkova	*serrata*	Zelkova-Japanese	1	< 1%
Grand Total			**2757**	**100%**

TREE RISK ASSESSMENTS AND MITIGATION (612 Trees)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
300	Planetree-London	37	Good	Moderate	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Cavity-stem • Dieback (moderate)
379	Oak-Swamp White	32	Good	Moderate	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Wound-root • Hanger
497	Maple-Silver	28	Poor	Moderate	Street	ASAP	• Removal	• Dead branches >2 • Broken branch(s) • Dieback (moderate) • Co-dominant stems
921	Oak-Northern Red	38	Fair	Moderate	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Cut roots • Dead branches >2 • Broken branch(s)
1875	Oak-Pin	45	Good	Moderate	Building	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
2213	Tuliptree	31	Fair	Moderate	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Broken branch(s) • Hanger • Decay-root flare • Decay-root
2283	Honeylocust-Thornless Common	18	Good	Moderate	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • RCX	• Planting material • Girdling roots suspected • Crack-branch • Decay-branch
2295	Honeylocust-Thornless Common	19	Fair	Moderate	Overhead lines	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • RCX	• Buried root collar • Topping/heading cuts • Dead branches >2 • Hanger

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
20	Maple-Norway	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • RCX	• Buried root collar • Dead branches >2 • Hanger
23	Maple-Red	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Dead branches >2 • Hanger • Co-dominant stems • Poor branch structure
27	Maple-Norway	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Wound-branch • Uneven crown • Poor branch structure • Cut roots • Dead branches >2 • Flush cuts
46	Maple-Silver	33	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Cut roots
47	Maple-Silver	38	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Cavity-stem • Broken branch(s)
49	Maple-Silver	33	Good	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Poor branch structure
71	Maple-Silver	34	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Included bark • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
84	Maple-Sugar	17,18	Poor	Low	Street	ASAP	• Removal	• Co-dominant stems • Included bark • Dieback (severe) • Wound-stem • Topping/heading cuts
91	Maple-Silver	24	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Storm damage • Dead branches >2
95	Maple-Silver	36	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (moderate) • Dead branches >2 • Cut roots • Overextended branch
98	Maple-Silver	33	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts • Dieback (moderate) • Poor branch structure
101	Tuliptree	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Wound-stem
112	Maple-Red	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Dieback (moderate)
116	Maple-Silver	16	Fair	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe)
117	Maple-Silver	31	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Sidewalk lifting-minor

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
122	Maple-Silver	39	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Hanger • Sidewalk lifting-major
127	Maple-Silver	33	Poor	Low	Sidewalk	ASAP	• Removal	• Storm damage • Dead branches >2 • Overextended branch • Fungi/conks • Cut roots
128	Locust-Black	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Overextended branch
133	Oak-White	38	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Broken branch(s)
144	Maple-Silver	35	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Broken branch(s) • Wound-root flare
148	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure • Topping/heading cuts
149	Maple-Silver	36	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Sidewalk lifting-minor • Dieback (moderate)
154	Maple-Silver	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure • Hanger

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
155	Maple-Silver	34	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Poor branch structure • Dead branches >2
156	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Dead branches >2 • Storm damage
158	Maple-Silver	33	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Cut roots • Co-dominant stems
160	Oak-Pin	36	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Poor branch structure • Cut roots • Sidewalk lifting-minor
161	Maple-Silver	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Dieback (moderate) • Sidewalk lifting-minor
175	Maple-Silver	35	Fair	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Poor branch structure • Overextended branch • Cavity-stem • Wound-root flare
177	Maple-Red	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Topping/heading cuts

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
179	Maple-Silver	23	Poor	Low	Street	ASAP	• Removal	• Topping/heading cuts • Dead branches >2 • Wound-root flare • Decay-stem
184	Maple-Silver	36	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Poor branch structure • Topping/heading cuts • Dead branches >2 • Overextended branch
186	Maple-Silver	26	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Poor branch structure • Fungi/conks • Decay-stem
188	Oak-Northern Red	38	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Overextended branch • Poor branch structure
190	Maple-Red	17	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • RCX	• Buried root collar • Dead branches >2 • Co-dominant stems
191	Maple-Norway	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Poor branch structure • Dead branches >2 • Hanger

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
196	Elm-Siberian	41	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Poor branch structure • Sidewalk lifting-minor
199	Sycamore-American	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Overextended branch
204	Linden-Littleleaf	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Burl
205	Oak-Pin	30	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Wound-root flare • Girdling roots present
210	Oak-Northern Red	37	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root flare • Dead branches >2 • Hanger
213	Crabapple	12,9	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Buried root collar • Wound-stem • Dead branches >2
230	Oak-Pin	30	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger
236	Honeylocust-Thornless Common	32	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Sidewalk lifting-major • Dead branches >2
237	Maple-Silver	16	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • RCX	• Buried root collar • Dead branches >2 • Cavity-stem

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
238	Maple-Silver	29	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Sidewalk lifting-minor • Dead branches >2 • Hanger • Co-dominant stems
240	Maple-Silver	27	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
241	Oak-Pin	46	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Decay-stem • Dieback (severe) • Decay-branch
254	Oak-Pin	39	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-root flare
264	Oak-Pin	41	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-root flare • Cavity-stem
265	Oak-Pin	37	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Cavity-stem • Dieback (moderate)
269	Oak-Northern Red	41	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
271	Tuliptree	35	Good	Low	Walking path	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root flare • Cavity-suspected • Dead branches >2
272	Oak-Northern Red	33	Good	Low	Walking path	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Fungi/conks • Dead branches >2
284	Oak-Northern Red	31	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
286	Oak-Northern Red	53	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Fungi/conks • Broken branch(s) • Buried root collar
289	Oak-White	25	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
290	Oak-White	31	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
292	Oak-Pin	32	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
306	Oak-Pin	41	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Dead branches >2 • Uneven crown
307	Oak-Pin	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
309	Oak-Northern Red	31	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
310	Maple-Silver	14	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Cavity-suspected • Cavity-stem
312	Honeylocust-Thornless Common	13	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Cavity-suspected • Dead branches <=2 • Co-dominant stems
316	Maple-Silver	26	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Fungi/conks • Cavity-suspected • Wound-root flare

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
327	Maple-Red	12	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
350	Maple-Red	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Dead branches >2
357	Oak-White	44	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root flare • Cavity-stem • Uneven crown • Dead branches >2
364	Maple-Red	16	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root flare • Wound-stem • Dead branches >2
366	Maple-Red	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
370	Oak-Pin	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve light and air penetration through crown	• Dead branches >2 • Topping/heading cuts
375	Oak-Pin	22	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
376	Oak-Pin	29	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Sidewalk lifting-minor • Co-dominant stems
377	Oak-Pin	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
378	Oak-Pin	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
384	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Cavity-branch
385	Maple-Silver	33	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts • Butt swell • Cavity-suspected • Sidewalk lifting-minor
386	Oak-Pin	35	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger
389	Oak-Pin	49	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Sidewalk lifting-major • Wound-root
390	Oak-Pin	46	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Sidewalk lifting-minor • Topping/heading cuts
391	Oak-Pin	31	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Sidewalk lifting-major • Wound-root flare • Flush cuts • Topping/heading cuts
392	Oak-Pin	36	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Sidewalk lifting-major • Dead branches >2 • Flush cuts

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
404	Maple-Norway	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Wound-stem
428	Ash-Green	31	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Wound-stem
434	Maple-Silver	22	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Hanger • Poor branch structure
449	Maple-Norway	13	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Buried root collar • Dead branches >2 • Poor branch structure
455	Honeylocust-Thornless Common	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Broken branch(s) • Sidewalk lifting-major
461	Ash-Green	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Develop branch structure	• Dead branches >2 • Broken branch(s) • 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)
463	Ash-Green	22	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Decay-branch • Sidewalk lifting-major
471	Maple-Amur	14	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-stem • Decay-branch • Dead branches >2
486	Maple-Red	12	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
487	Maple-Red	16	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Broken branch(s)
496 *	Maple-Silver	13	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-stem • Decay-stem • Dead branches >2 • Broken branch(s)
503	Oak-Northern Red	23	Poor	Low	Street	ASAP	• Removal	• Dieback (moderate) • Decay-root flare • Decay-stem • Dead branches >2 • Broken branch(s) • Hanger

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
510	Oak-Pin	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Construction damage • Poor branch structure • Sidewalk lifting-minor • Topping/heading cuts
514	Oak-Northern Red	28	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Wound-stem • Construction damage
515 *	Oak-Northern Red	22	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Fungi/conks • Dead branches >2
516	Oak-Northern Red	23	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Dead branches >2 • Decay-branch
538	Oak-Black	28	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • 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)
559 *	Tuliptree	33	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Decay-stem • Dead branches >2 • Wound-root • Hanger
566	Ash-Green	27	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Decay-branch
572	Oak-English	23	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure
577	Oak-English	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Co-dominant stems • Poor branch structure
578	Oak-English	21	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure
579	Oak-English	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Construction damage • Wound-stem • Wound-branch • 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)
580	Oak-English	24	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Decay-branch • Sidewalk lifting-major
581	Oak-English	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s)
589	Oak-English	25	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure
592	Oak-English	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance • Cable: New 1	• Dead branches >2 • Broken branch(s) • Poor branch structure • Included bark • Crack-stem
593	Oak-English	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Sidewalk lifting-major

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
595	Oak-English	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Wound-root • Sidewalk lifting-major
597	Oak-English	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Included bark • Crack-stem • Dead branches >2 • Poor branch structure • Wound-root
598	Oak-English	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Broken branch(s)
599	Oak-English	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s)
601 *	Oak-Northern Red	38	Good	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • *Level 3 Advanced Assessment*: Root • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Improve appearance	• Decay-branch • Dead branches >2 • Broken branch(s) • Poor branch structure • Decay-root flare • Cut roots

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
602 *	Oak-Northern Red	30	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Decay-branch • Cut roots
609	Oak-English	30	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Poor branch structure • Dead branches >2 • Broken branch(s) • Hanger
624	Oak-Northern Red	33	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Sidewalk lifting-major
625	Oak-Northern Red	40	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Cut roots • Dead branches >2 • Broken branch(s) • Hanger • Poor branch structure • Girdling roots present (moderate)
627	Maple-Red	24	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Improve appearance	• Overextended branch • Poor branch structure • Hanger • Broken branch(s) • Sidewalk lifting-minor

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
633	Oak-Northern Red	39	Poor	Low	Sidewalk	ASAP	• Removal	• Decay-stem • Dieback (severe) • Dead branches >2 • Broken branch(s) • Decay-root flare
636 *	Oak-Pin	41	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • *Level 3 Advanced Assessment*: Root • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Cut roots • Dead branches >2 • Broken branch(s) • Poor branch structure • Decay-root flare
648	Oak-English	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Sidewalk lifting-minor
651	Oak-Northern Red	39	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure
658	Maple-Red	25	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Reduce weight of branch ends • Cable: New 1	• Hanger • Dead branches >2 • Broken branch(s) • Co-dominant stems • Included bark

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
659	Maple-Red	21	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Broken branch(s) • Dieback (severe) • Co-dominant stems
662	Maple-Silver	22	Poor	Low	Sidewalk	ASAP	• Removal	• Co-dominant stems • Poor branch structure • Dead branches >2 • Dieback (moderate) • Wound-root • Sidewalk lifting-major
667	Oak-Northern Red	33	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Reduce density	• Dead branches >2 • Poor branch structure • Broken branch(s)
668	Oak-Northern Red	42	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Wound-root • Sidewalk lifting-major
669	Maple-Silver	29	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Co-dominant stems • Wound-root

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
670	Oak-Northern Red	38	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Hanger • Wound-root • Co-dominant stems • Sidewalk lifting-major
671	Oak-Northern Red	37	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Poor branch structure
672	Oak-Northern Red	37	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Pavement/curbing damage • Dead branches >2 • Poor branch structure • Hanger
673 *	Maple-Silver	32	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Decay-stem • 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)
674	Oak-Northern Red	39	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Wound-root • Wound-stem • Sidewalk lifting-minor
675	Oak-Northern Red	37	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Dead branches >2 • Broken branch(s) • Wound-root flare
677 *	Oak-Northern Red	45	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Fungi/conks • Wound-stem • Sidewalk lifting-minor • Dead branches >2 • Decay-root flare • Decay-stem
678	Ash-Green	20	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2
679	Oak-Northern Red	42	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Sidewalk lifting-major • 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)
680	Oak-Northern Red	38	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Cavity-stem • Dead branches >2 • Poor branch structure • Broken branch(s)
681 *	Oak-Northern Red	42	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Wound-root • Fungi/conks • Dead branches >2 • Poor branch structure • Cavity-root flare • Decay-root flare
682	Oak-Northern Red	38	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Poor branch structure • Sidewalk lifting-minor • Dead branches >2
683	Oak-Pin	39	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Co-dominant stems • Poor branch structure • Dead branches >2 • Construction damage
684	Oak-Pin	48	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Co-dominant stems • Poor branch structure • Dead branches >2 • Broken branch(s) • Sidewalk lifting-minor

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
685	Oak-Pin	37	Poor	Low	Sidewalk	ASAP	• Removal	• Fungi/conks • Decay-root flare • Wound-root • Sidewalk lifting-major • Poor branch structure • Dead branches >2
686	Oak-Pin	39	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Poor branch structure • Dead branches >2
687	Oak-Pin	40	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Wound-root • Decay-root • Poor branch structure • Dead branches >2
688	Maple-Red	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Wound-root
701	Oak-Northern Red	38	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Decay-root flare • Poor branch structure • Dead branches >2 • Hanger
711	Maple-Norway	13	Poor	Low	Sidewalk	ASAP	• Removal	• Decay-stem • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
714	Maple-Silver	12,12	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Poor branch structure
716	Maple-Norway	20	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
717	Oak-Northern Red	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Sidewalk lifting-major
718	Oak-Northern Red	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
719	Oak-Northern Red	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
720	Oak-Northern Red	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Hanger • 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)
721	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Poor branch structure • Wound-root • Sidewalk lifting-major
735	Maple-Sugar	16	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Co-dominant stems • Poor branch structure • Included bark
736	Oak-Northern Red	35	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Wound-root • Hanger • Poor branch structure • Dead branches >2 • Sidewalk lifting-minor
748	Maple-Silver	28	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Wound-root • Co-dominant stems • Overextended branch • Hanger • Dead branches >2
754	Maple-Red	15	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • 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)
757	Oak-Northern Red	27	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Dead branches >2 • Wound-stem • Decay-branch • Sidewalk lifting-minor
760	Maple-Red	17	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Girdling roots present • Dieback (severe) • Dead branches >2 • Hanger • Poor branch structure
761	Oak-Northern Red	33	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-stem • Wound-root • Sidewalk lifting-major • Co-dominant stems • Poor branch structure • Dead branches >2
776	Honeylocust-Thornless Common	17	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Decay-branch • Poor branch structure
781	Oak-Pin	40	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Pavement/curbing damage • Co-dominant stems • Poor branch structure • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
782	Maple-Red	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Girdling roots present (severe) • Dead branches >2 • Poor branch structure
790	Oak-Northern Red	35	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Hanger • Dead branches >2
799	Maple-Red	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Dieback (moderate)
808	Tuliptree	22	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Dead branches >2 • Poor branch structure
810	Oak-Northern Red	36	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Sidewalk lifting-major
811	Oak-Northern Red	45	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Seam • Cavity-suspected • Broken branch(s) • 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)
813	Sycamore-American	28	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Wound-stem • Poor branch structure
822	Honeylocust-Thornless Common	22	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger
824	Linden-American	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Poor branch structure
825	Linden-American	25	Poor	Low	Sidewalk	ASAP	• Removal	• Storm damage • Topping/heading cuts • Dead branches >2 • Crack-stem
826	Maple-Silver	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Poor branch structure
827	Honeylocust-Thornless Common	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
828	Honeylocust-Thornless Common	19	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Poor branch structure
829	Honeylocust-Thornless Common	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
836	Honeylocust-Thornless Common	22	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Poor branch structure
838	Honeylocust-Thornless Common	21	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems
845	Linden-Littleleaf	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems • Poor branch structure
847	Honeylocust-Thornless Common	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Co-dominant stems
852	Honeylocust-Thornless Common	20	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems
853	Honeylocust-Thornless Common	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-stem
854	Honeylocust-Thornless Common	24	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure • Wound-stem • Overextended branch
855	Linden-American	29	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Cable: New 1 • Brace Rod: New 1	• Dead branches >2 • Co-dominant stems • 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)
858	Linden-American	20	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Wound-stem
875	Honeylocust-Thornless Common	16	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Uneven crown
877	Honeylocust-Thornless Common	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Uneven crown • Wound-stem
878	Honeylocust-Thornless Common	16	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
880	Honeylocust-Thornless Common	19	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems • Poor branch structure
881	Honeylocust-Thornless Common	17	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems • Poor branch structure
888	Linden-Littleleaf	19	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Topping/heading cuts

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
890	Honeylocust-Thornless Common	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Uneven crown
891	Honeylocust-Thornless Common	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Uneven crown • Overextended branch
892	Honeylocust-Thornless Common	29	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Dead branches >2 • Poor branch structure • Uneven crown • Wound-stem
893	Honeylocust-Thornless Common	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Dead branches >2 • Uneven crown • Poor branch structure
896	Linden-Littleleaf	29	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Establish proper branch spacing	• Dead branches >2 • Co-dominant stems • Poor branch structure
902	Oak-Northern Red	41	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Decay-branch • Crack-branch • Dead branches >2 • Broken branch(s) • Co-dominant stems • Sidewalk lifting-minor

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
905 *	Linden-American	28	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Decay-stem • Broken branch(s) • Dead branches >2 • Sidewalk lifting-minor
907	Maple-Silver	22	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Broken branch(s) • Hanger
908 *	Maple-Red	20	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Broken branch(s)
913	Maple-Silver	34	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Hanger • Broken branch(s)
918 *	Maple-Silver	33	Good	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce weight of branch ends • Prune: Reduce risk of branch stem and/or root failure	• Wound-branch • Overextended branch • Cavity-root flare • Decay-stem • Dead branches >2
920 *	Maple-Red	20	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Decay-root flare • Decay-stem • Lean • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
923	Horsechestnut-Common	20	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Decay-stem • Cavity-branch • Dead branches >2
924	Maple-Silver	14	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • RCX	• Buried root collar • Co-dominant stems • Dead branches >2 • Poor branch structure
925	Maple-Silver	21	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Broken branch(s)
926	Maple-Red	22	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Broken branch(s) • Poor branch structure
927	Maple-Red	16	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Burl • Dead branches >2 • Broken branch(s) • Poor branch structure
933	Oak-Northern Red	40	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Wound-stem • Wound-branch
934	Maple-Silver	19	Poor	Low	Street	ASAP	• Removal	• Dieback (moderate) • Decay-stem
935	Maple-Silver	39	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Included bark • Sidewalk lifting-minor

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
936	Maple-Silver	27	Poor	Low	Street	ASAP	• Removal	• Dieback (moderate) • Dead branches >2 • Decay-stem
938	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Topping/heading cuts • Dead branches >2 • Broken branch(s)
939	Maple-Silver	42	Poor	Low	Street	ASAP	• Removal	• Decay-root • Decay-stem • Fungi/conks • Dieback (moderate) • Sidewalk lifting-minor • Decay-root flare
949	Honeylocust-Thornless Common	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Co-dominant stems • Poor branch structure • Uneven crown • Dead branches >2 • Sidewalk lifting-minor
950	Honeylocust-Thornless Common	20	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Dead branches >2 • Poor branch structure • Uneven crown • Overextended branch • Sidewalk lifting-major
952	Honeylocust-Thornless Common	17	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Poor branch structure • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
953	Honeylocust-Thornless Common	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Dead branches >2 • Poor branch structure • Uneven crown
954	Honeylocust-Thornless Common	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Uneven crown • Poor branch structure • Sidewalk lifting-major
957	Honeylocust-Thornless Common	22	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
959	Honeylocust-Thornless Common	26	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Overextended branch
960	Honeylocust-Thornless Common	25	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems
961	Honeylocust-Thornless Common	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Co-dominant stems • Dead branches >2 • Poor branch structure
963	Honeylocust-Thornless Common	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2
964	Honeylocust-Thornless Common	22	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
965	Honeylocust-Thornless Common	24	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
966	Honeylocust-Thornless Common	23	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
967	Honeylocust-Thornless Common	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems • Overextended branch
970	Honeylocust-Thornless Common	28	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Overextended branch
972	Honeylocust-Thornless Common	22	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Dead branches >2 • Poor branch structure
973	Honeylocust-Thornless Common	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Uneven crown • Overextended branch
974	Honeylocust-Thornless Common	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• 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)
975	Honeylocust-Thornless Common	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Co-dominant stems • Poor branch structure • Uneven crown • Overextended branch
977	Honeylocust-Thornless Common	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Overextended branch
978	Honeylocust-Thornless Common	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2
979	Honeylocust-Thornless Common	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Overextended branch
981	Honeylocust-Thornless Common	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance • RCX	• Buried root collar • Dead branches >2 • Poor branch structure • Co-dominant stems • Overextended branch
982	Honeylocust-Thornless Common	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• 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)
983	Honeylocust-Thornless Common	21	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Co-dominant stems • Wound-stem
984	Honeylocust-Thornless Common	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Overextended branch
988	Honeylocust-Thornless Common	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Wound-stem • Sidewalk lifting-minor
989	Honeylocust-Thornless Common	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems • Poor branch structure
990	Honeylocust-Thornless Common	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems • Sidewalk lifting-major
991	Honeylocust-Thornless Common	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Co-dominant stems • Fungi/conks
992	Honeylocust-Thornless Common	20	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
993	Honeylocust-Thornless Common	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
994	Honeylocust-Thornless Common	19	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
995	Honeylocust-Thornless Common	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Co-dominant stems • Poor branch structure
996	Honeylocust-Thornless Common	25	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure
997	Honeylocust-Thornless Common	16	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure
998	Honeylocust-Thornless Common	16	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
999	Honeylocust-Thornless Common	15	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• 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)
1007	Maple-Silver	33	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems
1010	Planetree-London	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Cavity-stem • Topping/heading cuts • Hanger • Dead branches >2
1011	Maple-Silver	25	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Poor branch structure • Flush cuts • Topping/heading cuts • Dead branches >2
1020	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1025	Maple-Silver	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger
1028	Maple-Silver	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • RCX	• Buried root collar • Hanger
1029	Honeylocust-Thornless Common	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Hanger • Dead branches <=2
1030	Maple-Silver	13	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches <=2
1031	Maple-Silver	8	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Suppressed • Dead branches <=2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1047	Maple-Silver	26	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Cable: New 1	• Co-dominant stems • Dead branches >2
1048	Oak-Pin	25	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2
1049	Oak-Pin	20	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1060	Ash-Green	16	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Dead branches >2
1062	Pear-Callery	16	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Sidewalk lifting-minor • Dead branches >2 • Flush cuts
1063	Ash-Green	17	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1065	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root flare • Wound-stem • Co-dominant stems • Dead branches >2 • Dieback (moderate)
1068	Maple-Red	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Cable: New 1	• Co-dominant stems • Dead branches >2 • Wound-stem
1070	Ash-Green	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Co-dominant stems • Dead branches >2 • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1075	Maple-Silver	33	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown • Flush cuts • Cavity-suspected
1077	Oak-Pin	31	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
1096	Maple-Silver	39	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Cavity-stem • Dead branches >2 • Topping/heading cuts
1101	Honeylocust-Thornless Common	21	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1102	Honeylocust-Thornless Common	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1104	Honeylocust-Thornless Common	14	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1105	Honeylocust-Thornless Common	19	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1107	Honeylocust-Thornless Common	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1110	Honeylocust-Thornless Common	30	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1111	Honeylocust-Thornless Common	18	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1115	Oak-Northern Red	31	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Cable: New 1	• Dead branches >2 • Wound-stem • Co-dominant stems
1116	Honeylocust-Thornless Common	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dead branches <=2 • Sidewalk lifting-major
1120	Honeylocust-Thornless Common	16	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown • Topping/heading cuts • Wound-stem
1121	Honeylocust-Thornless Common	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown • Topping/heading cuts
1123	Honeylocust-Thornless Common	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
1124	Honeylocust-Thornless Common	23	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-stem
1127	Honeylocust-Thornless Common	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Sidewalk lifting-major • Uneven crown • Dead branches >2 • Topping/heading cuts
1131	Ash-Green	18	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1137	Maple-Silver	33	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1144	Maple-Silver	14,12,13	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root flare • Cavity-stem • Dead branches >2 • Uneven crown
1146	Honeylocust-Thornless Common	12	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Hanger
1147	Honeylocust-Thornless Common	16	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dead branches <=2
1149	Honeylocust-Thornless Common	23	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dead branches <=2
1150	Honeylocust-Thornless Common	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dead branches <=2
1151	Honeylocust-Thornless Common	18	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Lion tailing • Dead branches <=2
1152	Honeylocust-Thornless Common	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dead branches <=2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1153	Honeylocust-Thornless Common	22	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dead branches <=2
1162	Maple-Silver	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1163	Maple-Sugar	16	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems
1167	Maple-Silver	27	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Cable: New 1	• Co-dominant stems • Dead branches >2 • Hanger
1174	Maple-Silver	27	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Flush cuts • Dead branches <=2
1180	Maple-Silver	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Dieback (moderate) • Dead branches >2
1184	Maple-Red	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Cavity-stem
1186	Maple-Red	20	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Wound-branch • Co-dominant stems • Dead branches <=2
1248	Cherry-Sweet	12	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Dead branches >2
1249	Cherry-Sweet	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1260	Maple-Sugar	21	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Wound-stem
1261	Maple-Sugar	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
1262	Oak-Pin	46	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Dead branches >2 • Overextended branch
1269	Maple-Silver	33	Poor	Low	Sidewalk	ASAP	• Removal	• Low live crown ratio • Uneven crown • Dead branches >2
1270	Ash-Green	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
1271	Maple-Silver	36	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Fungi/conks • Dead branches >2 • Dieback (severe)
1273	Honeylocust-Thornless Common	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1275	Honeylocust-Thornless Common	21	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1283	Honeylocust-Thornless Common	15	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1284	Honeylocust-Thornless Common	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1291	Honeylocust-Thornless Common	21	Good	Low	Overhead lines	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1294	Planetree-London	31	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-stem
1298	Maple-Silver	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1301	Maple-Silver	28	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1304	Ash-Green	31	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Co-dominant stems • Cavity-suspected
1306	Maple-Silver	35	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Uneven crown • Overextended branch • Fungi/conks
1308	Maple-Silver	34	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1309	Maple-Silver	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Cavity-stem • Dead branches >2
1311	Planetree-London	39	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts • Cavity-suspected
1312	Planetree-London	33	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Seam • Hanger
1315	Tuliptree	24	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1321	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1324	Maple-Silver	13	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1325	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Hanger
1346	Maple-Silver	36	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Wound-stem • Wound-root flare • Hanger • Dead branches >2
1348	Honeylocust-Thornless Common	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1379	Maple-Norway	13	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Cavity-branch • Hanger
1380	Oak-English	19	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Wound-root flare • Dead branches >2 • Hanger
1383	Maple-Norway	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1385	Oak-Pin	47	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Flush cuts
1386	Ash-Green	11	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1391	Maple-Silver	15	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Dieback (severe)
1393	Maple-Silver	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Cavity-stem • Dead branches <=2 • Hanger
1411	Maple-Red	18	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Buried root collar • Wound-stem • Sidewalk lifting-major • Dead branches >2
1416	Maple-Red	26	Poor	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Topping/heading cuts • Dead branches >2 • Co-dominant stems
1417	Maple-Silver	23	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-minor • Dead branches >2 • Poor branch structure
1426 *	Maple-Silver	35	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Hanger • Wound-root • Sidewalk lifting-major • Dead branches >2 • Decay-branch • Cavity-stem

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1430	Maple-Red	20	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Girdling roots present (severe) • Sidewalk lifting-major • Poor branch structure • Dead branches >2
1446	Honeylocust-Thornless Common	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Sidewalk lifting-minor • Poor branch structure • Dead branches >2
1449	Honeylocust-Thornless Common	17	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Reduce weight of branch ends	• Wound-root • Sidewalk lifting-minor • Suppressed • Dead branches >2 • Poor branch structure
1453 *	Honeylocust-Thornless Common	20	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Fungi/conks • Wound-root flare • Decay-root flare • Dead branches >2 • Poor branch structure
1454	Honeylocust-Thornless Common	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Sidewalk lifting-minor • Poor branch structure • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1455	Honeylocust-Thornless Common	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Dead branches >2 • Poor branch structure
1456	Honeylocust-Thornless Common	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Poor branch structure
1457	Honeylocust-Thornless Common	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Sidewalk lifting-major • Dead branches >2 • Poor branch structure
1458	Honeylocust-Thornless Common	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Poor branch structure
1459	Honeylocust-Thornless Common	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Dead branches >2 • Poor branch structure
1460	Honeylocust-Thornless Common	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Sidewalk lifting-minor • 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)
1463	Honeylocust-Thornless Common	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Clearance	• Wound-root • Sidewalk lifting-minor • Dead branches >2 • Poor branch structure • Co-dominant stems
1468	Linden-Littleleaf	24	Fair	Low	Street	ASAP	• Prune: Reduce weight of branch ends • Prune: Reduce density • Prune: Reduce risk of branch stem and/or root failure • Cable: New 1	• Wound-root • Wound-stem • Crack-stem • Dead branches >2 • Poor branch structure • Included bark
1470 *	Linden-Littleleaf	30	Fair	Low	Overhead lines	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Develop branch structure • Cable: New 2 • Brace Rod: New 4	• Wound-root • Sidewalk lifting-major • Co-dominant stems • Included bark • Cavity-stem • Dead branches >2
1476	Honeylocust-Thornless Common	20	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-stem • Wound-root • Poor branch structure • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1477	Honeylocust-Thornless Common	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-branch • Co-dominant stems • Poor branch structure • Dead branches >2
1478	Honeylocust-Thornless Common	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Poor branch structure • Dead branches >2
1480	Honeylocust-Thornless Common	22	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Reduce weight of branch ends	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Poor branch structure
1481	Honeylocust-Thornless Common	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Poor branch structure
1482	Honeylocust-Thornless Common	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Wound-root • 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)
1484	Honeylocust-Thornless Common	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Improve appearance	• Wound-root • Dead branches >2 • Poor branch structure
1489	Honeylocust-Thornless Common	25	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Develop branch structure	• Sidewalk lifting-minor • Dead branches >2 • Poor branch structure
1490	Honeylocust-Thornless Common	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure
1492	Honeylocust-Thornless Common	25	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Overextended branch • Poor branch structure • Dead branches >2
1493	Honeylocust-Thornless Common	28	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • 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)
1495	Honeylocust-Thornless Common	24	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Broken branch(s)
1501	Maple-Norway	14	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Seam • Buried root collar
1503	Maple-Silver	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Wound-stem • Hanger
1504	Maple-Silver	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
1505	Maple-Silver	24	Poor	Low	Sidewalk	ASAP	• Removal	• Co-dominant stems • Dead branches >2
1509	Maple-Red	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
1511	Honeylocust-Thornless Common	25	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Poor branch structure • Overextended branch • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1517	Maple-Silver	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Topping/heading cuts • Co-dominant stems • Included bark • Poor branch structure
1519	Honeylocust-Thornless Common	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure
1521	Maple-Silver	22	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Poor branch structure • Dead branches >2 • Hanger
1526	Maple-Norway	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
1529	Maple-Silver	34	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Co-dominant stems • Cavity-stem
1530	Oak-Pin	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Sidewalk lifting-minor
1531	Oak-Pin	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Poor branch structure • Sidewalk lifting-major

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1533	Maple-Silver	38	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Co-dominant stems • Dead branches >2 • Poor branch structure
1534	Maple-Red	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure • Girdling roots suspected
1545	Maple-Silver	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure • Girdling roots present (moderate)
1552	Maple-Red	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Poor branch structure
1553	Maple-Red	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Poor branch structure • Co-dominant stems
1554	Maple-Sugar	17	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure
1555	Maple-Red	22	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Co-dominant stems • Poor branch structure • Dead branches >2 • Dieback (moderate) • Cavity-stem

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1559	Maple-Red	15	Poor	Low	Street	ASAP	• Removal	• Dieback (moderate) • Dead branches >2 • Poor branch structure
1562	Maple-Red	16	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • RCX	• Buried root collar • Girdling roots suspected • Poor branch structure • Dead branches >2
1564	Ash-Green	26	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Co-dominant stems • Poor branch structure
1574	Honeylocust-Thornless Common	16	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • RCX	• Buried root collar • Dead branches >2 • Poor branch structure • Hanger
1576	Maple-Red	14	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • RCX	• Buried root collar • Co-dominant stems • Poor branch structure • Dead branches >2
1578	Maple-Sugar	12	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
1579	Maple-Red	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Poor branch structure • Sidewalk lifting-major

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1584	Oak-Pin	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1592	Oak-Pin	36	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Hanger • Poor branch structure
1595	Maple-Red	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • RCX	• Dead branches >2 • Poor branch structure • Buried root collar
1599	Maple-Red	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Co-dominant stems • Poor branch structure
1601	Maple-Red	10	Fair	Low	Street	ASAP	• Prune: Develop branch structure • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • RCX	• Buried root collar • Poor branch structure
1602	Maple-Silver	42	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Dead branches >2 • Co-dominant stems • Hanger • Cavity-branch
1603	Maple-Silver	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1606	Maple-Red	16	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Co-dominant stems
1607	Maple-Silver	31	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Sidewalk lifting-minor
1613	Maple-Red	12	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • RCX	• Buried root collar • Dead branches >2 • Dieback (moderate) • Dead branches >2
1638	Oak-Pin	31	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Poor branch structure • Dead branches >2 • Co-dominant stems
1647	Sweetgum-Common	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Wound-stem
1651	Honeylocust-Thornless Common	29	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Co-dominant stems
1664	Maple-Norway	25	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Fungi/conks • Cavity-suspected • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1666	Oak-Pin	32	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1669	Maple-Silver	22	Poor	Low	Sidewalk	ASAP	• Removal	• Co-dominant stems • Dieback (severe) • Low live crown ratio
1670	Maple-Silver	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-root flare • Cavity-root flare
1672	Maple-Silver	35	Poor	Low	Sidewalk	ASAP	• Removal	• Wound-root flare • Cavity-stem • Dead branches >2 • Uneven crown
1673	Maple-Silver	35	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-stem • Wound-root flare
1674	Maple-Silver	22	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown
1680	Honeylocust-Thornless Common	16	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1682	Tuliptree	25	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1683	Maple-Silver	13,16,11,11	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
1686	Maple-Silver	38	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
1687	Maple-Sugar	17	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-stem • Low live crown ratio

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1690	Maple-Norway	12	Poor	Low	Sidewalk	ASAP	• Removal	• Wound-stem • Crack-stem • Cavity-stem • Dead branches >2 • Low live crown ratio
1696	Maple-Sugar	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-stem • Cavity-stem
1697	Maple-Sugar	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown • Cavity-stem
1705	Maple-Red	20	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Topping/heading cuts • Sidewalk lifting-major • Fungi/conks • Decay-branch • Dead branches >2 • Poor branch structure
1707	Maple-Red	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Topping/heading cuts • Sidewalk lifting-major • Decay-branch • Poor branch structure
1714	Maple-Silver	31	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-major • 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)
1717 *	Tuliptree	25	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Wound-stem • Decay-stem • Lean • Dead branches >2 • Poor branch structure
1721	Maple-Red	14	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Buried root collar • Decay-stem • Decay-branch • Dead branches >2
1725	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-major • Decay-stem • Decay-branch • Dead branches >2 • Poor branch structure
1727	Maple-Red	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-major • Co-dominant stems • Dead branches >2
1728 *	Sycamore-American	49	Fair	Low	Building	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Sidewalk lifting-major • Cavity-stem • 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)
1730	Oak-Northern Red	36	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Clearance	• Cavity-root flare • Wound-root • Sidewalk lifting-major • Dead branches >2 • Poor branch structure
1737	Maple-Silver	15	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1738	Maple-Silver	18	Poor	Low	Street	ASAP	• Removal	• Sidewalk lifting-minor • Decay-stem • Dead branches >2 • Broken branch(s)
1740	Maple-Silver	52	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Clearance	• Pavement/curbing damage • Sidewalk lifting-major • Co-dominant stems • Hanger • Dead branches >2 • Poor branch structure
1753 *	Maple-Red	36	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Cavity-root • Sidewalk lifting-major • Poor branch structure • Dead branches >2 • Decay-branch • Decay-stem

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1755	Oak-Northern Red	41	Poor	Low	Sidewalk	ASAP	• Removal	• Cut roots • Construction damage • Dead branches >2 • Dieback (severe)
1756	Ash-Green	22	Poor	Low	Sidewalk	ASAP	• Removal	• Wound-stem • Wound-branch • Decay-branch • Dead branches >2
1761	Oak-Northern Red	50	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Hanger • Dead branches >2 • Poor branch structure
1769	Maple-Red	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Buried root collar • Sidewalk lifting-major • Wound-stem • Co-dominant stems • Dead branches >2
1770	Ash-Green	29	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce size of crown • Prune: Clearance	• Wound-root • Dead branches >2 • Sidewalk lifting-minor
1778	Maple-Red	27	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Sidewalk lifting-major • Hanger • Dead branches >2 • Poor branch structure • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1804	Pear-Callery	16	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1806	Maple-Norway	1	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1809	Oak-Pin	39	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Topping/heading cuts
1813	Maple-Silver	22	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Low live crown ratio
1817	Maple-Silver	27	Poor	Low	Sidewalk	ASAP	• Removal	• Low live crown ratio • Dead branches >2
1818	Maple-Silver	39	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Cable: New 1	• Dead branches >2 • Co-dominant stems • Hanger
1823	Maple-Norway	10	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Low live crown ratio
1824	Maple-Silver	30	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Dead branches >2
1833	Maple-Silver	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Fungi/conks • Hanger • Dead branches <=2 • Dieback (moderate)
1834	Maple-Norway	19	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2
1835	Oak-Pin	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Cavity-stem • Co-dominant stems • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1837	Elm-Lacebark	42	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Overextended branch • Dead branches >2 • Dieback (moderate)
1840	Maple-Silver	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Dead branches <=2
1841	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Dead branches >2
1844	Maple-Silver	35	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1845	Maple-Silver	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Lion tailing • Dieback (moderate) • Dead branches <=2
1846	Maple-Silver	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Dead branches <=2
1847	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Cavity-stem • Wound-root flare • Dead branches >2
1851	Maple-Silver	33	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Cavity-stem
1853	Maple-Silver	36	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Wound-root flare • Hanger
1857	Maple-Silver	37	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1858	Maple-Silver	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1859	Maple-Silver	35	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts • Wound-root
1864	Maple-Silver	29	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Dieback (moderate)
1866	Maple-Silver	24	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger
1867	Maple-Silver	31	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (severe) • Co-dominant stems
1869	Maple-Silver	36	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1870	Maple-Silver	36	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Co-dominant stems
1872	Maple-Silver	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Cable: New 2	• Dieback (moderate) • Dead branches >2 • Co-dominant stems
1888	Oak-Pin	41	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Cable: New 1	• Co-dominant stems • Dead branches >2
1892	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (moderate) • Dead branches >2 • Hanger
1897	Maple-Silver	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Topping/heading cuts • Dead branches <=2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1948	Oak-Northern Red	42	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Sidewalk lifting-major • Broken branch(s) • Hanger
1950	Linden-American	25	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Co-dominant stems • Included bark
1953	Oak-Pin	39	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Hanger
1956	Oak-Pin	39	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Hanger • Co-dominant stems • Poor branch structure
1958	Oak-Pin	41	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Hanger • Poor branch structure
1962	Honeylocust-Thornless Common	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Sidewalk lifting-minor
1970	Maple-Red	16	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • RCX	• Buried root collar • Wound-root flare • Cavity-stem • Dead branches >2 • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1972	Linden-American	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Hanger • Sidewalk lifting-major
1987	Oak-Pin	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Cavity-stem • Dead branches >2 • Sidewalk lifting-minor • Hanger
1988	Oak-Pin	40	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Hanger • Poor branch structure
1990	Maple-Silver	39	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Poor branch structure • Sidewalk lifting-minor
2031	Oak-Pin	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown • Poor branch structure
2034	Maple-Norway	13	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance • RCX	• Buried root collar • Girdling roots present • Poor branch structure • Dead branches >2 • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2041	Maple-Norway	12	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-stem • Poor branch structure • Dead branches >2
2053	Linden-American	15	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Wound-stem • Dead branches >2 • Poor branch structure
2076	Linden-American	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Overextended branch • Poor branch structure • Dead branches >2
2096	Maple-Silver	29	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure • Co-dominant stems
2098	Honeylocust-Thornless Common	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure
2101	Maple-Silver	21	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Low live crown ratio
2102	Maple-Silver	28	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Dead branches >2 • Topping/heading cuts
2105	Oak-Pin	34	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2107	Maple-Silver	27	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Dead branches <=2
2110	Maple-Red	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts
2126	Maple-Silver	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Dead branches >2
2130	Oak-Northern Red	23	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Dead branches >2
2137	Oak-Pin	39	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
2148	Honeylocust-Thornless Common	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Uneven crown • Dead branches <=2 • Topping/heading cuts
2149	Honeylocust-Thornless Common	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown • Topping/heading cuts
2152	Honeylocust-Thornless Common	22	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dead branches <=2
2153	Honeylocust-Thornless Common	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Uneven crown • Dead branches >2
2154	Honeylocust-Thornless Common	21	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2157	Honeylocust-Thornless Common	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Uneven crown • Topping/heading cuts
2160	Honeylocust-Thornless Common	16	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dead branches <=2 • Fungi/conks
2161	Honeylocust-Thornless Common	19	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dieback (moderate) • Dead branches <=2
2162	Honeylocust-Thornless Common	20	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Uneven crown • Dead branches >2
2167	Honeylocust-Thornless Common	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts • Flush cuts • Fungi/conks
2170	Honeylocust-Thornless Common	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Uneven crown • Dead branches <=2
2171	Honeylocust-Thornless Common	17	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Topping/heading cuts • Uneven crown
2172	Honeylocust-Thornless Common	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Uneven crown • Dead branches <=2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2174	Honeylocust-Thornless Common	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Uneven crown • Dead branches >2
2175	Honeylocust-Thornless Common	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Uneven crown • Dead branches <=2
2181	Honeylocust-Thornless Common	14	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Topping/heading cuts
2184	Honeylocust-Thornless Common	17	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Topping/heading cuts • Uneven crown • Dead branches <=2 • Wound-stem • Flush cuts
2199	Honeylocust-Thornless Common	17	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Topping/heading cuts • Uneven crown
2207 *	Locust-Black	22	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Crown • Prune: Reduce weight of branch ends • Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Decay-branch • Fungi/conks • Dead branches >2 • Broken branch(s)
2212	Honeylocust-Thornless Common	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Co-dominant stems • Dead branches >2 • Broken branch(s) • Sidewalk lifting-minor • 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)
2215	Locust-Black	40	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Co-dominant stems • Included bark • Dead branches >2 • Decay-stem • Broken branch(s)
2219 *	Maple-Silver	29	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Sidewalk lifting-major • Wound-root flare • Co-dominant stems • Dead branches >2 • Broken branch(s)
2228	Linden-Littleleaf	14	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Improve appearance	• Butt swell • Co-dominant stems • Poor branch structure • Dead branches >2
2249	Poplar-Eastern	22,21,20,15	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Cable: New 4	• Dead branches >2 • Wound-stem • Decay-stem
2252	Linden-Littleleaf	23	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Improve appearance	• Co-dominant stems • Included bark • Dead branches >2 • Broken branch(s) • Hanger • Poor branch structure
2256	Maple-Norway	10	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance • RCX	• Buried root collar • 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)
2258	Maple-Norway	14	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Co-dominant stems • Included bark • Wound-root flare • Wound-root • Wound-stem • Dead branches >2
2276	Maple-Norway	12	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Crack-branch • Dead branches >2 • Girdling roots present • Wound-branch • Wound-stem
2303	Oak-Northern Red	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-minor • Dead branches >2 • Hanger • Poor branch structure
2304	Honeylocust-Thornless Common	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-root • Sidewalk lifting-major • Hanger • Dead branches >2 • Poor branch structure
2305	Maple-Red	26	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Wound-stem • Sidewalk lifting-major • 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)
2337	Locust-Black	31	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Poor branch structure
2338	Locust-Black	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dead branches >2 • Broken branch(s) • Poor branch structure
2340	Honeylocust-Thornless Common	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Hanger • Dead branches >2 • Poor branch structure
2341	Willow	25	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Sidewalk lifting-major • Dead branches >2 • Wound-stem • Cut roots
2345	Maple-Norway	18	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Improve appearance	• Sidewalk lifting-major • Decay-stem • Dead branches >2 • Poor branch structure
2358	Pear-Callery	12	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance • RCX	• Buried root collar • Wound-stem • Dead branches >2 • Poor branch structure • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2367	Oak-Pin	31	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
2373	Maple-Silver	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Dead branches >2 • Co-dominant stems • Poor branch structure • Overextended branch • Dieback (moderate)
2378	Maple-Silver	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce weight of branch ends	• Dead branches >2 • Co-dominant stems • Poor branch structure • Wound-stem
2393	Maple-Red	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Dieback (moderate) • Girdling roots present (moderate) • Uneven crown
2398	Maple-Silver	38	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Co-dominant stems • Wound-stem • Poor branch structure • Overextended branch • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2399	Elm-Siberian	38	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Dead branches >2 • Overextended branch • Poor branch structure • Uneven crown • Co-dominant stems
2405	Horsechestnut-Common	29	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Decay-branch • Co-dominant stems • Poor branch structure • Dead branches >2 • Included bark • Sidewalk lifting-major
2414	Maple-Silver	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve form and shape	• Wound-stem • Sidewalk lifting-major • Cavity-stem • Decay-stem • Dead branches >2 • Co-dominant stems
2417	Honeylocust-Thornless Common	17	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Uneven crown • Topping/heading cuts
2419	Honeylocust-Thornless Common	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Dead branches <=2
2440	Honeylocust-Thornless Common	14	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-stem • Dead branches <=2 • Topping/heading cuts

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2444	Honeylocust-Thornless Common	14	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Flush cuts • Dead branches <=2 • Topping/heading cuts
2445	Honeylocust-Thornless Common	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Uneven crown • Topping/heading cuts • Flush cuts • Dead branches <=2
2531	Maple-Silver	18	Good	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Reduce weight of branch ends	• Co-dominant stems • Poor branch structure • Dead branches >2
2536	Maple-Red	9	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • RCX	• Buried root collar • Co-dominant stems • Dead branches >2
2537	Maple-Red	21	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Hanger • Dead branches >2 • Co-dominant stems
2538	Maple-Red	22	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Poor branch structure • Wound-stem • Hanger • Dead branches >2 • Cavity-branch

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2539	Maple-Red	24	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Hanger • Poor branch structure • Cavity-suspected
2545	Maple-Red	21	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Co-dominant stems • Poor branch structure • Sidewalk lifting-major • Dead branches >2
2547	Maple-Norway	12	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Co-dominant stems • Dead branches >2
2551	Oak-Pin	25	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • RCX	• Buried root collar • Dead branches >2 • Hanger
2574	Ash-White	15	Poor	Low	Street	ASAP	• Removal	• Dead branches >2 • Wound-stem • Wound-branch • Buried root collar • Co-dominant stems • Topping/heading cuts
2586	Oak-Northern Red	33	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Reduce density	• Cut roots • Wound-root • Sidewalk lifting-minor • Poor branch structure • Dead branches >2 • Hanger

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2602 *	Maple-Silver	31	Poor	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Sidewalk lifting-major • Wound-root • Decay-stem • Cavity-stem • Decay-branch • Dead branches >2
2615	Maple-Norway	12	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dead branches <=2 • Poor branch structure
2623	Maple-Red	12	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Topping/heading cuts
2626	Maple-Norway	10	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Hanger
2630	Ash-Green	14	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (moderate) • Dead branches <=2
2659	Oak-English	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Dead branches <=2 • Flush cuts
2660	Oak-English	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Flush cuts
2669	Oak-Northern Red	25	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve form and shape	• Hanger • 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)
2717	Tuliptree	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Decay-branch • Cavity-stem • Poor branch structure
2730	Maple-Red	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger
2732	Maple-Red	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Cable: New 1	• Co-dominant stems • Hanger
2741	Maple-Red	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Hanger
214	Locust-Black	21	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches <=2 • Co-dominant stems
245	Tuliptree	23	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
408	Maple-Red	15	Poor	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance • RCX	• Dieback (moderate) • Dead branches >2 • Girdling roots suspected • Poor branch structure
495 *	Horsechestnut-Common	15	Fair	Low	Sidewalk	1	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Improve appearance	• Co-dominant stems • Wound-stem • Decay-stem • Included bark • Broken branch(s)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
504	Honeylocust-Thornless Common	16	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Broken branch(s)
505	Oak-Northern Red	43	Poor	Low	Sidewalk	1	• Removal	• Decay-branch • Decay-root • Overextended branch • Decay-root flare • Wound-stem • Dead branches >2
506	Oak-Northern Red	29	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Broken branch(s) • Poor branch structure • Wound-stem • Wound-root flare
509	Maple-Norway	15	Fair	Low	Driveway	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Wound-stem
534	Ash-Green	12	Poor	Low	Sidewalk	1	• Removal	• Wound-stem • Wound-branch • 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)
603	Maple-Norway	23	Poor	Low	Sidewalk	1	• Removal	• Dieback (moderate) • Decay-branch • Dead branches >2 • Broken branch(s) • Hanger • Cavity-branch
610	Oak-English	22	Fair	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Decay-branch • Dead branches >2 • Wound-stem • Broken branch(s)
611	Oak-English	21	Good	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Decay-branch • Dead branches >2 • Broken branch(s)
612	Oak-English	24	Fair	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Wound-root flare • Poor branch structure
613	Oak-English	20	Fair	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Decay-branch • Dead branches >2 • Broken branch(s)
616	Oak-English	26	Fair	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Decay-branch • Dead branches >2 • Broken branch(s) • Co-dominant stems • 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)
617	Oak-English	26	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Decay-branch • Dead branches >2 • Broken branch(s) • Wound-stem
618 *	Oak-English	26	Fair	Low	Sidewalk	1	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Uneven crown • Dead branches >2 • Decay-stem • Decay-branch
619 *	Oak-English	25	Fair	Low	Sidewalk	1	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Decay-branch • Wound-stem
620	Oak-English	15	Poor	Low	Street	1	• Removal	• Suppressed • Dead branches >2 • Broken branch(s) • Decay-branch
646	Maple-Red	22	Fair	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure • Topping/heading cuts • Sidewalk lifting-major

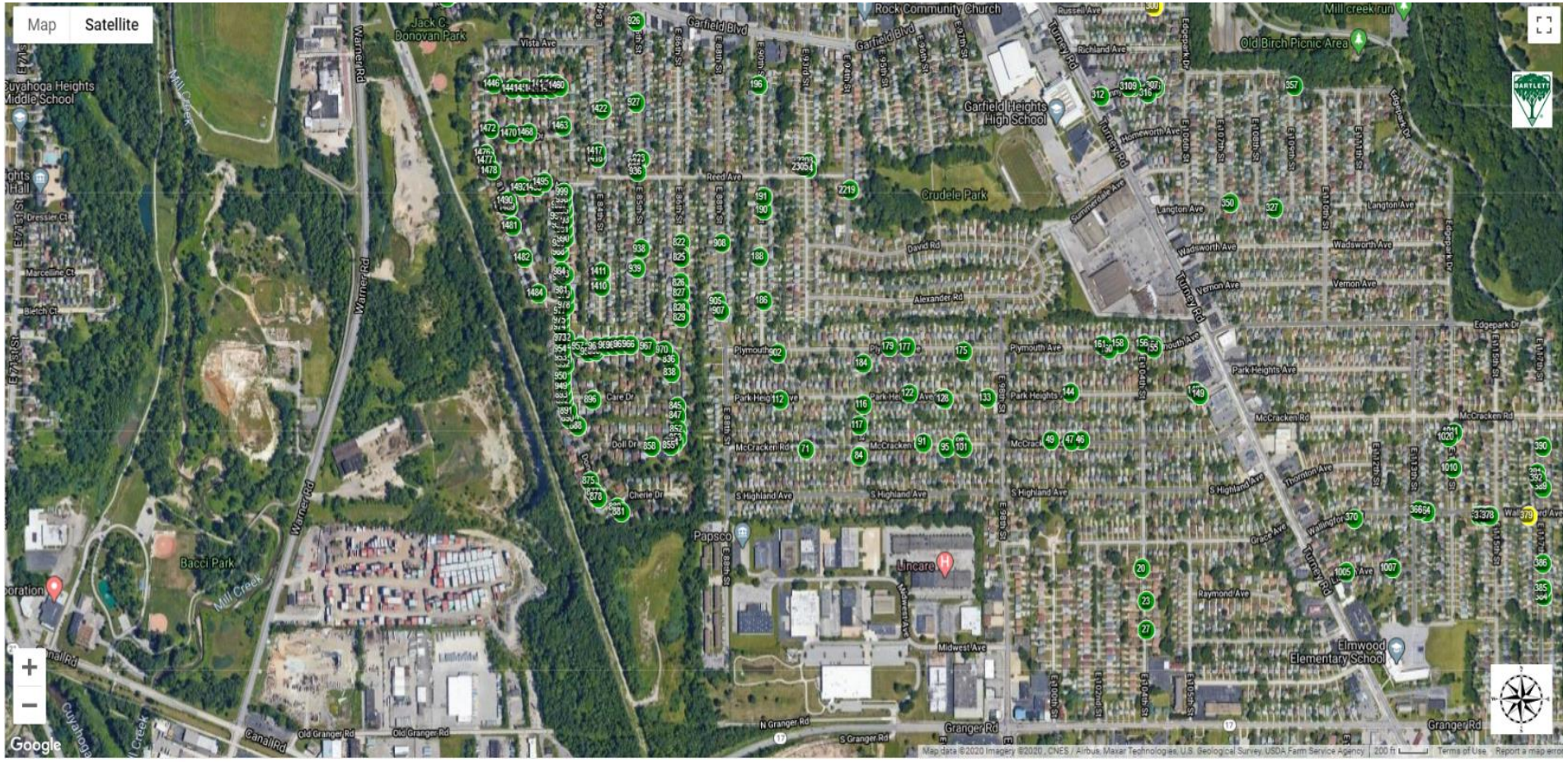
Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1005	Maple-Red	16	Poor	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Poor branch structure • Included bark • Cavity-stem • Crack-stem
1410	Ash-Green	22	Fair	Low	Sidewalk	1	• Removal	• Wound-stem • Wound-branch • Decay-branch • Dead branches >2 • Poor branch structure • Crack-stem
1422	Maple-Red	27	Poor	Low	Sidewalk	1	• Removal	• Decay-root flare • Decay-stem • Sidewalk lifting-major • Co-dominant stems • Dead branches >2
1472	Linden-Littleleaf	27	Poor	Low	Building	1	• Removal	• Decay-root flare • Decay-stem • Wound-root • Sidewalk lifting-minor
1718 *	Tuliptree	22	Fair	Low	Street	1	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Buried root collar • Wound-stem • Decay-stem • Crack-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)
1745	Sycamore-American	30	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Good form • Good structure • Broken branch(s) • Wound-root • Sidewalk lifting-minor • Dead branches >2
1757	Honeylocust-Thornless Common	25	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Wound-root • Pavement/curbing damage • Poor branch structure • Dead branches >2

*Tree has a Mitigation Recommendation and a *Level 3 Advanced Assessment* Recommendation. Outcome of the *Level 3 Advanced assessment* will guide the final recommendations.

For informational, planning, and scoping purposes only-
For more detailed and updated information on the inventory for implementation, please refer to the current inventory list and corresponding notes per respective community.

INVENTORIED TREES ASSIGNED *OVERALL TREE RISK RATINGS* AT THE TIME OF DATA COLLECTION



Granger North to Garfield

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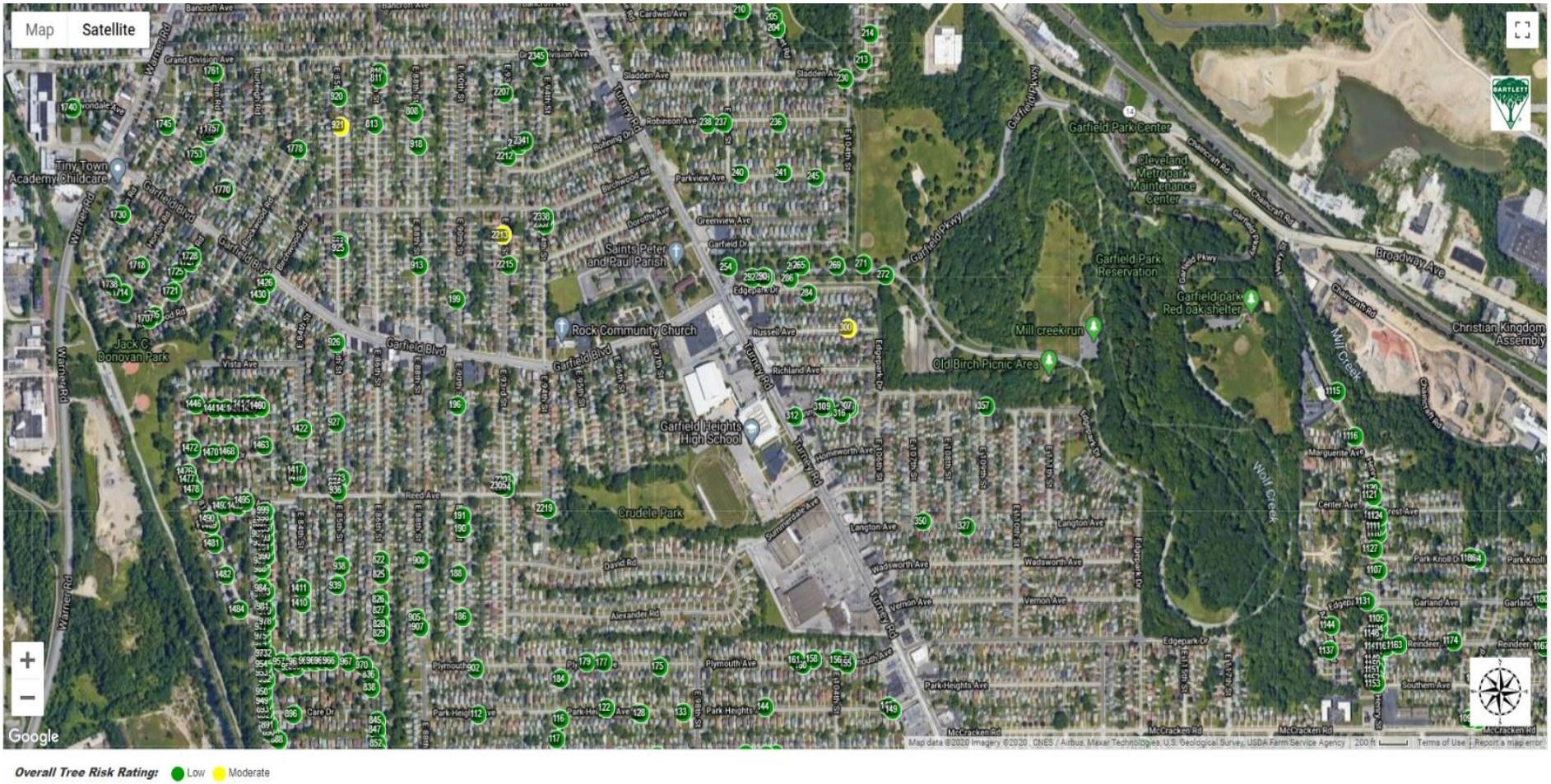

Turney Road

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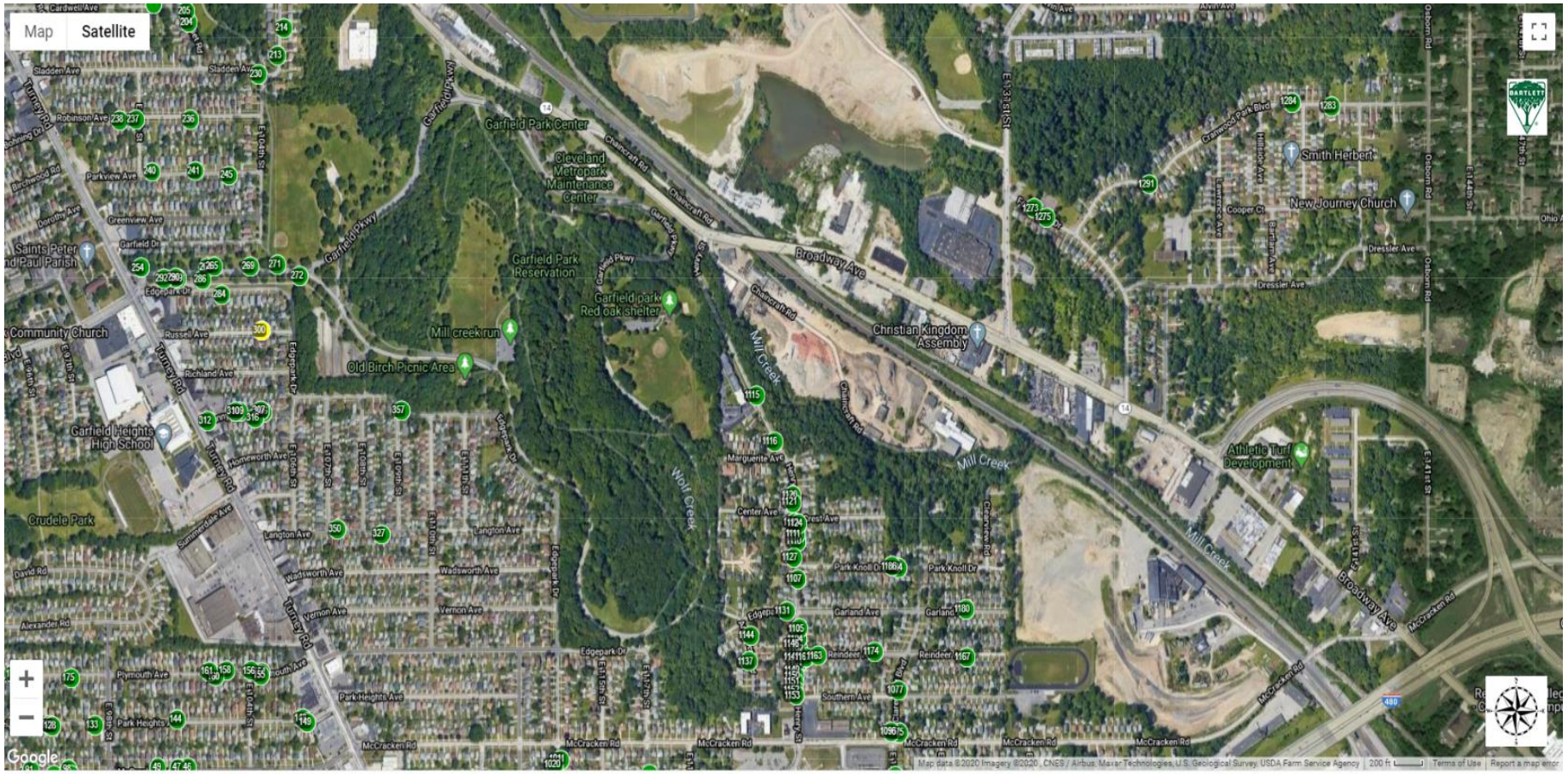

Overall Tree Risk Rating: Low Moderate

McCracken North to Cranwood

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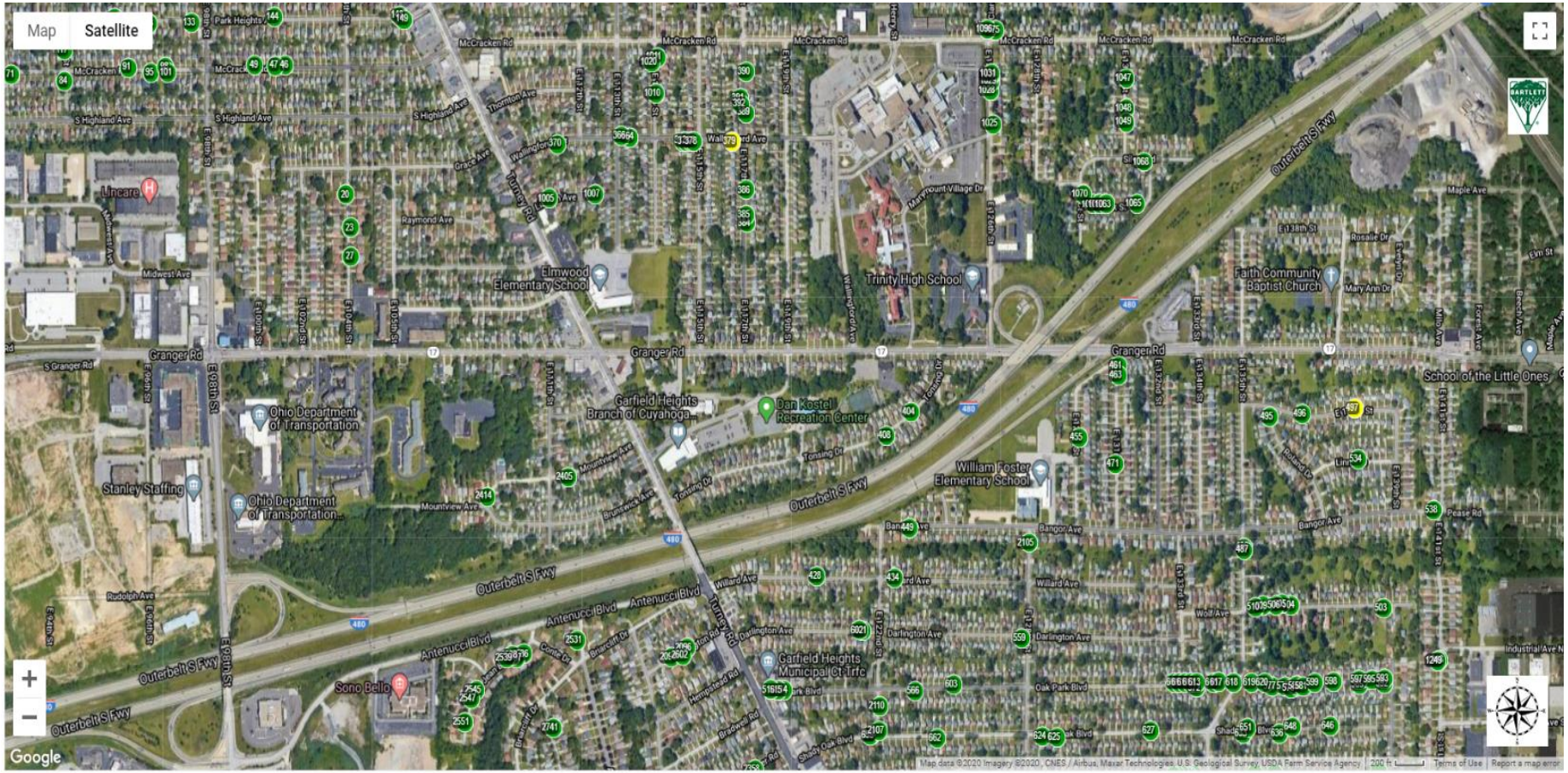
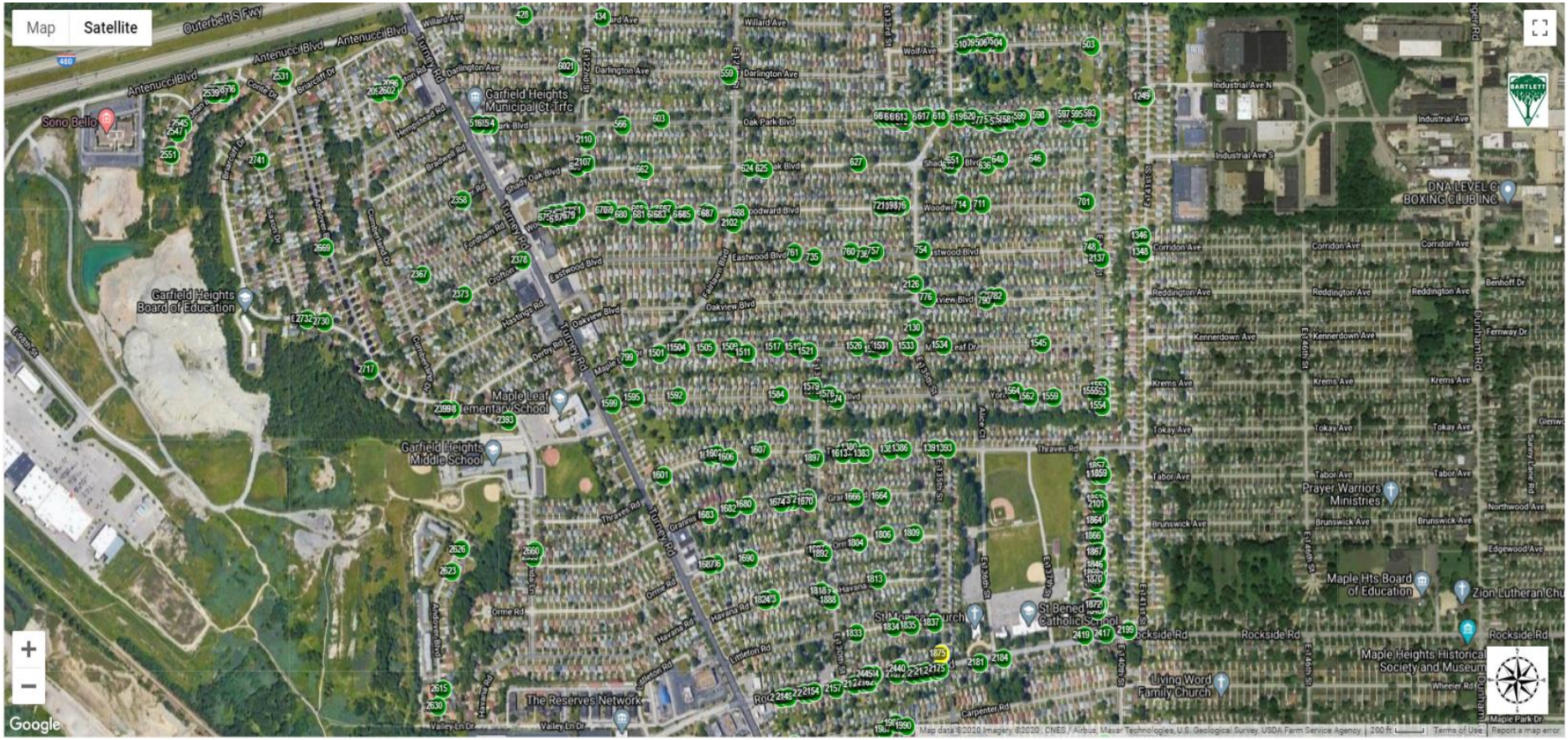


Overall Tree Risk Rating: Low Moderate

Shady Oak North to McCracken

INVENTORIED TREES ASSIGNED *OVERALL TREE RISK RATINGS* AT THE TIME OF DATA COLLECTION



Overall Tree Risk Rating: Low Moderate

Valley Lane North to Willard

Maple Heights

With Mayor Annette Blackwell leading the charge, Maple Heights has seen a resurgence of vigor and activity in enhancing the community. She has been the champion for the economic vitality, recreational opportunities, as well as the ecological health of Maple Heights. This effort in the City has been made possible by her tireless efforts.

Current Forestry Ordinances in place

Below is an outline of the current ordinances that help keep the Urban Forest healthy. As with all codes and ordinances, there are municipal specific items and differences per respective community. Also note, as with all codes and ordinances, there may be updates or additions recommended to keep our region up to date. For more details and updated explanations of the contents of these, please reference the Codified Ordinances of Maple Heights.

CHAPTER 1028
TREES
1028.01 Definitions.
1028.02 Authority of Director of Service.
1028.03 Treating public trees; permit required.
1028.04 Contents of permits for planting; Master Street Tree Plan; substitution.
1028.05 Placing deleterious substances near trees.
1028.06 Care of trees during building operations.
1028.07 Moving of trees.
1028.08 Trimming of trees on public and private property.
1028.09 Certain trees prohibited: abatement.
1028.10 Preservation and removal of trees on public property.
1028.11 Certificates of occupancy.
1028.12 Interference with Director of Service prohibited.
1028.13 Tree Memorial Donation Program.
1028.14 Trees planted where there is new construction.
1028.99 Penalty.

CHAPTER 1294
Bufferyard and Landscaping

1294.01 Purpose.
1294.02 Applicability.
1294.03 General requirement for submission.
1294.04 Approval.
1294.05 Bufferyard standards.
1294.06 Bufferyard requirements.
1294.07 Screening and buffering.
1294.08 Appointment of landscape planner.
1294.09 Application of landscape requirements to specific sites; exceptions; duties of landscape planner.
1294.10 Landscape plan submission and approval.
1294.11 Minimum landscape requirements.
1294.12 Landscaping materials.
1294.13 Street tree planting requirements.
1294.14 Modification.

642.06
INJURING VINES, BUSHES, TREES OR CROPS.

1474.01
OBSTRUCTING NATURAL WATERCOURSE. Last updated 1965

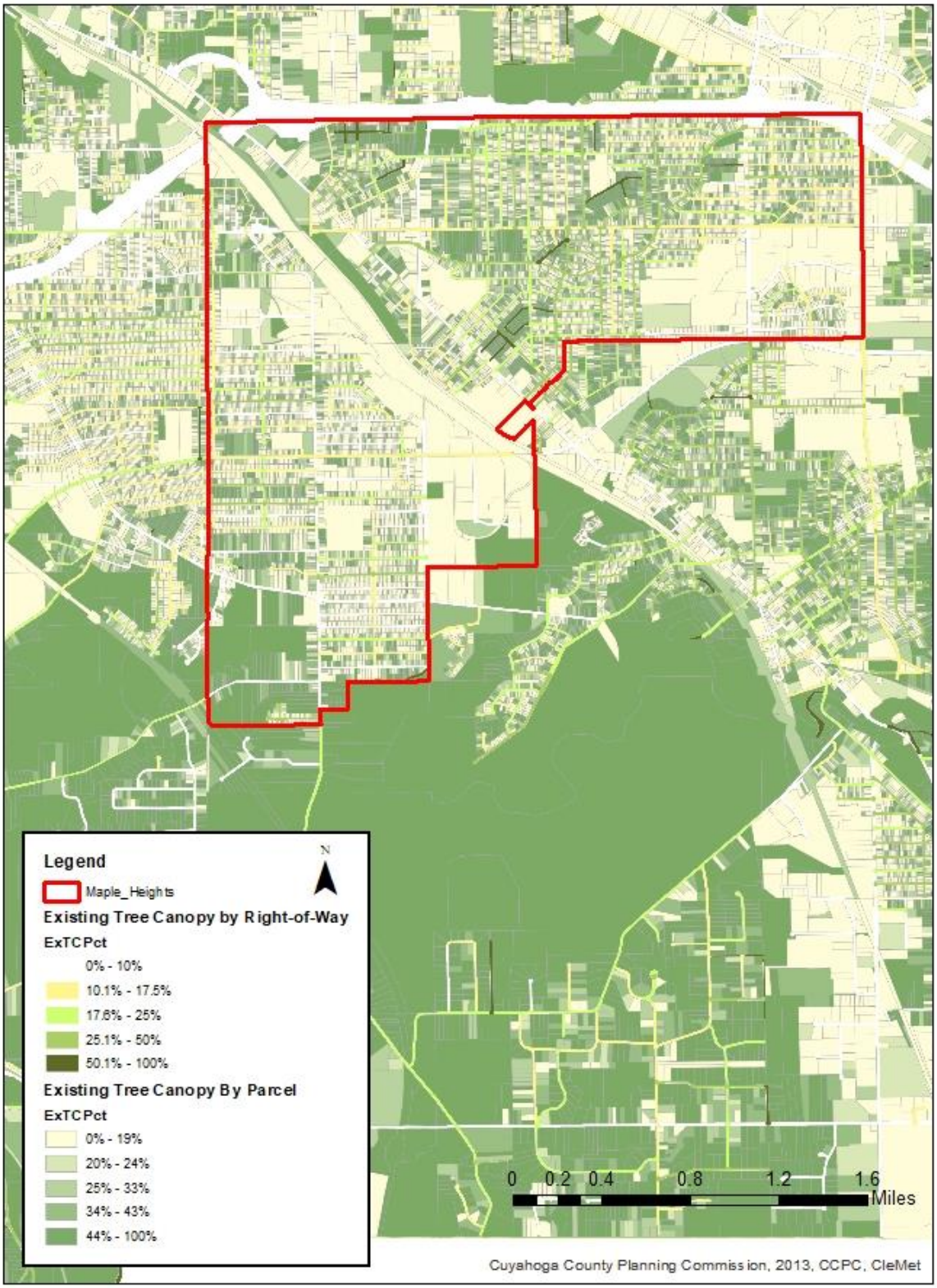
Recommendations for updates

Following APPENDIX A on guidance for an updated Tree Ordinance with a focus on the creation of a Tree Commission in the municipality is recommended to move Maple Heights to being designated as a Tree City USA. With editing and adopting of this type of Ordinance, partners can also help better define the Urban Forest in compliment with the currently standing Ordinances in place protecting the Urban Forest and natural resources.

It is also recommended that Ordinance 1474.01 Obstructing Natural Watercourse (last updated in 1965) be updated to an industry standard 2020 Riparian Setback Ordinance that protects the natural resources of the community while still allowing for development and residential comfort.

It is encouraging to see that there are Trees, Bufferyard/Landscaping, and other ordinances currently in place. The structure for a strong and Healthy Tree Canopy in Maple Heights has a strong footing. The Mill Creek Watershed Partnership will work with Maple Heights to analyze these recommendations and will work with the community toward respective appropriate updates. A Sample Riparian Setback ordinance is also included in APPENDIX A following the Sample Tree Ordinance.

Maple Heights Existing Tree Canopy



2020 Maple Heights Tree Inventory

EXECUTIVE SUMMARY

During the spring and summer of 2020, the Bartlett Inventory Solutions (BIS) Team from Bartlett Tree Experts conducted an inventory of trees in the city of Maple Heights, OH. We identified 3,017 trees which included 45 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 requirement for safety.

Tree Risk Assessments and Mitigation

Perform the recommended tree risk mitigation activities for the 664 trees (22%) 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. (Refer to Arborscope)

Level 3 Advanced Assessment

Provide *Level 3 Advanced assessments* for 65 trees (2%) to evaluate the impact of wood decay that shows potential for failure. (Refer to Arborscope)

Root Collar Excavations

Perform **root collar** excavations to 14 trees (< 1%) 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. (Refer to Arborscope)

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. (Refer to Arborscope)

Pruning

Prune 2,747 trees (91%) for safety, health, structure, and appearance. Pruning will comply with current ANSI A300 standard practices for pruning. (Refer to Arborscope)

Structural Support

There are structural support system recommendations for 16 trees (1%) 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. (Refer to Arborscope)

Removals

Remove 257 trees (9%) due to condition or because of their location in relation to other trees to try and prevent competition or damage to infrastructure. (Refer to Arborscope)

CANOPY RECOMMENDATIONS

With the maintenance needs and Risk mitigation recommendations assessed by Bartlett Tree Experts, we recommend that implementation of this plan first rectifies the issues that were found in the field. This includes hazard tree removals, proper pruning, structural support, root collar excavations and other found issues (as noted in the Executive Summary preceding these recommendations). Once those are taken care of, the "right tree/right place" for some of these replacement trees as well as planting trees on streets and public land that currently do not feature canopy cover. It is the goal of this effort to both maintain and manage the current natural infrastructure of Maple Heights as well as responsibly increase the canopy cover of the municipality by strategically planting the ROW trees and public land. The Mill Creek Watershed partnership will work in tandem with Maple Heights to ensure long-term success and vitality of the Urban Tree Forest is realized.

PLEASE SEE ARBORSCOPE APP AND ASSICIATED DOCUMENTS FULL INVENTORY FOR ENTIRE LIST OF UPDATED MUNICIPAL TREES WITHIN THE PERVUE OF THIS PLAN. TREES NOTED IN THIS DOCUMENT ARE ONES IN NEED OF ATTENTION.

Stand Dynamics

Tree Species Identified

Our inventory revealed 45 species of trees, as detailed in the following table:

TREE SPECIES IDENTIFIED

Genus	Species	Common Name	Count	% Distribution Total
Acer	*campestre*	Maple-Hedge	144	5%
	nigrum	Maple-Black	7	< 1%
	palmatum	Maple-Japanese	1	< 1%
	platanoides	Maple-Norway	172	6%
	rubrum	Maple-Red	284	9%
	saccharinum	Maple-Silver	663	22%
	saccharum	Maple-Sugar	32	1%
	x *freemanii*	Maple-Freeman's	255	8%
***Acer* Total**			**1558**	**52%**
Aesculus	*hippocastanum*	Horsechestnut-Common	2	< 1%
Amelanchier	*arborea*	Serviceberry-Downy	4	< 1%
Betula	*pendula*	Birch-European White	1	< 1%
	populifolia	Birch-Gray	1	< 1%
***Betula* Total**			**2**	**< 1%**
Catalpa	*speciosa*	Catalpa-Northern	3	< 1%
Crataegus	sp.	Hawthorn	77	3%
Diospyros	*virginiana*	Persimmon-Common	1	< 1%
Fagus	*sylvatica*	Beech-European	2	< 1%
Fraxinus	*americana*	Ash-White	21	1%
	pennsylvanica	Ash-Green	125	4%
***Fraxinus* Total**			**146**	**5%**
Ginkgo	*biloba*	Ginkgo	4	< 1%
Gleditsia	*triacanthos*	Honeylocust-Common	6	< 1%
	triacanthos var. inermis	Honeylocust-Thornless Common	592	20%
***Gleditsia* Total**			**598**	**20%**
Juglans	*nigra*	Walnut-Black	2	< 1%
Liquidambar	*styraciflua*	Sweetgum-Common	32	1%
Liriodendron	*tulipifera*	Tuliptree	46	2%
Malus	sp.	Crabapple	111	4%
Morus	*alba*	Mulberry-White	1	< 1%
	rubra	Mulberry-Red	2	< 1%
***Morus* Total**			**3**	**< 1%**
Nyssa	*sylvatica*	Tupelo-Black	1	< 1%
Platanus	*occidentalis*	Sycamore-American	13	< 1%
	x *acerifolia*	Planetree-London	7	< 1%
***Platanus* Total**			**20**	**1%**
Populus	*deltoides*	Poplar-Eastern	1	< 1%
Prunus	*cerasifera*	Plum-Purple Leaf	1	< 1%
	sp.	Cherry	5	< 1%

Genus	Species	Common Name	Count	% Distribution Total
***Prunus* Total**			**6**	**< 1%**
Pyrus	*calleryana*	Pear-Callery	121	4%
Quercus	*bicolor*	Oak-Swamp White	1	< 1%
	palustris	Oak-Pin	42	1%
	rubra	Oak-Northern Red	40	1%
	velutina	Oak-Black	3	< 1%
***Quercus* Total**			**86**	**3%**
Robinia	*pseudoacacia*	Locust-Black	1	< 1%
Syringa	*reticulata*	Lilac-Japanese Tree	1	< 1%
Tilia	*americana*	Linden-American	9	< 1%
	cordata	Linden-Littleleaf	173	6%
***Tilia* Total**			**182**	**6%**
Ulmus	*americana*	Elm-American	3	< 1%
	pumila	Elm-Siberian	3	< 1%
***Ulmus* Total**			**6**	**< 1%**
Zelkova	*serrata*	Zelkova-Japanese	1	< 1%
Grand Total			**3017**	**100%**

TREE RISK ASSESSMENTS AND MITIGATION (664 Trees)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
326	Maple-Silver	32	Dead	High	Overhead lines	ASAP	• Removal	...
1014	Sycamore-American	32	Poor	High	Building	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Cavity-suspected • Overextended branch • Poor branch structure
1031	Maple-Silver	28	Poor	High	Parking	ASAP	• Removal	• Dieback (moderate) • Dead branches >2 • Decay-stem • Broken branch(s)
48	Maple-Silver	31	Fair	Moderate	Building	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Dead branches >2 • Co-dominant stems • Poor branch structure
266	Maple-Silver	45	Poor	Moderate	Sidewalk	ASAP	• Removal	• Cavity-stem • Decay-stem • Dieback (severe) • Fungi/conks • Dead branches >2 • Sidewalk lifting-major
486	Maple-Silver	33	Poor	Moderate	Building	ASAP	• Removal	• Decay-stem • Decay-root flare • Dead branches >2 • Dieback (severe)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
657 *	Maple-Silver	27	Fair	Moderate	Building	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce weight of branch ends • Prune: Develop branch structure • Prune: Clearance	• Wound-root • Sidewalk lifting-major • Overextended branch • Poor branch structure • Cavity-stem • Decay-stem
659	Maple-Silver	25	Poor	Moderate	Overhead lines	ASAP	• Removal	• Cut roots • Cavity-stem • Dead branches >2 • Dieback (severe) • Lean
662	Maple-Silver	26	Poor	Moderate	Overhead lines	ASAP	• Removal	• Cut roots • Co-dominant stems • Dieback (severe)
663	Maple-Silver	20	Poor	Moderate	Overhead lines	ASAP	• Removal	• Cut roots • Dieback (moderate) • Lean
786	Ash-Green	13	Dead	Moderate	Parking	ASAP	• Removal	...
789 *	Maple-Silver	32	Poor	Moderate	Driveway	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Decay-stem • Wound-root flare • Overextended branch • Dieback (severe) • Dead branches >2
792	Maple-Silver	35	Fair	Moderate	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root flare • Construction damage • Dieback (moderate) • 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)
805	Ash-Green	16	Poor	Moderate	Parking	ASAP	• Removal	• Wound-stem • Dieback (severe)
820	Ash-Green	11	Dead	Moderate	Infrastructure	ASAP	• Removal	...
1015	Maple-Silver	30	Poor	Moderate	Street	ASAP	• Removal	• Dieback (severe) • Dead branches >2 • Co-dominant stems • Poor branch structure
1016	Locust-Black	12	Poor	Moderate	Street	ASAP	• Removal	• Dieback (severe) • Dead branches >2 • Suppressed
1288	Oak-Pin	36	Fair	Moderate	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce spread of crown	• Construction damage • Wound-root • Dieback (moderate) • Dead branches >2 • Poor branch structure
1328	Maple-Silver	30	Poor	Moderate	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (severe)
1396	Maple-Silver	38	Poor	Moderate	Driveway	ASAP	• Removal	• Decay-branch • Decay-stem • Dieback (severe) • Dead branches >2
1421	Maple-Silver	41	Fair	Moderate	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Dead branches >2 • Dieback (moderate) • Co-dominant stems
1442	Maple-Silver	23	Poor	Moderate	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• 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)
1443	Maple-Silver	34	Fair	Moderate	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (moderate) • Dead branches >2 • Co-dominant stems
1455	Maple-Silver	28	Poor	Moderate	Street	ASAP	• Removal	• Dead branches >2 • Hanger • Dieback (severe)
1584	Maple-Black	14	Poor	Moderate	Street	ASAP	• Removal	• Fungi/conks • Dead branches >2 • Dieback (severe)
1700	Tuliptree	33	Poor	Moderate	Driveway	ASAP	• Removal	• Dead branches >2 • Dieback (severe)
1906	Elm-American	25	Fair	Moderate	Building	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce spread of crown • Prune: Reduce density • Cable: New 1	• Co-dominant stems • Dead branches >2 • Poor branch structure • Wound-root • Wound-stem • Included bark
1908	Maple-Silver	28	Poor	Moderate	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dieback (moderate) • Dead branches >2 • Decay-stem
1921	Oak-Northern Red	42	Fair	Moderate	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Construction damage • Dieback (moderate) • Dead branches >2 • Poor branch structure • Wound-root
1926	Oak-Northern Red	26	Fair	Moderate	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Broken branch(s)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1938	Maple-Silver	38	Poor	Moderate	Street	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Decay-branch • Broken branch(s)
1945	Maple-Silver	42	Poor	Moderate	Street	ASAP	• Removal	• Dead branches >2 • Dieback (severe)
1963	Maple-Silver	38	Poor	Moderate	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Wound-stem • Co-dominant stems • Dieback (severe)
1965	Maple-Freeman's	21	Fair	Moderate	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1985 *	Maple-Silver	32	Fair	Moderate	Building	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Decay-stem • Dead branches >2 • Co-dominant stems • Cavity-stem
1993	Maple-Silver	31	Fair	Moderate	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Hanger • Dead branches >2 • Poor branch structure
1995	Maple-Silver	32	Fair	Moderate	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Crack-branch • Dead branches >2 • Poor branch structure
2337 *	Oak-Pin	29	Fair	Moderate	Building	ASAP	• *Level 3 Advanced Assessment*: Root • Prune: Reduce spread of crown • Prune: Reduce density	• Fungi/conks • Decay-root • Cavity-stem • Uneven crown • Suppressed

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2371	Maple-Silver	24	Fair	Moderate	Building	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Co-dominant stems
2577	Maple-Silver	47	Good	Moderate	Building	ASAP	• Prune: Reduce weight of branch ends	• Cut roots • Construction damage • Co-dominant stems • Poor branch structure • Wound-root • Overextended branch
1723	Maple-Silver	27	Fair	Moderate	Building	1	• Removal	• Decay-stem • Cavity-suspected • Decay-root flare • Co-dominant stems • Dieback (moderate)
5	Oak-Northern Red	31	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Wound-root
7	Maple-Silver	34	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s)
10	Maple-Silver	20	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Sidewalk lifting-major • Dead branches >2 • Dieback (severe)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
11 *	Maple-Silver	33	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Decay-stem • Co-dominant stems • Decay-branch • Dead branches >2
13	Maple-Silver	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Sidewalk lifting-minor • Poor branch structure • Hanger
16	Poplar-Eastern	29	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • Poor branch structure • Sidewalk lifting-major
19	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Reduce weight of branch ends	• Dead branches >2 • Overextended branch • Poor branch structure • Sidewalk lifting-minor
22	Ash-Green	22	Poor	Low	Parking	ASAP	• Removal	• Dieback (severe) • Dead branches >2 • Co-dominant stems • Included bark
49	Maple-Silver	21	Poor	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Decay-stem • Co-dominant stems • 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)
52	Maple-Silver	31	Dead	Low	Sidewalk	ASAP	• Removal	...
59	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Hanger • Dead branches >2 • Topping/heading cuts • Poor branch structure
60 *	Maple-Silver	24	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Sidewalk lifting-minor • Wound-root • Dead branches >2 • Cavity-root flare
61	Maple-Silver	24	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
65	Maple-Silver	28	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Poor branch structure • Dead branches >2 • Co-dominant stems
71	Maple-Silver	25	Fair	Low	Playground	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2
81	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Sidewalk lifting-minor • Wound-root • Co-dominant stems • Dead branches >2
89	Maple-Silver	36	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Co-dominant stems • Dead branches >2 • Overextended branch

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
91	Maple-Silver	36	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Sidewalk lifting-major • Wound-stem • Co-dominant stems • Dead branches >2
92 *	Maple-Silver	40	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Sidewalk lifting-major • Wound-root • Cavity-stem • Decay-stem • Dead branches >2
95	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Wound-stem • Burl • Dead branches >2 • Poor branch structure
96	Maple-Red	12	Fair	Low	Overhead lines	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Dead branches >2 • Poor branch structure
101	Maple-Silver	32	Poor	Low	Sidewalk	ASAP	• Removal	• Co-dominant stems • Dead branches >2 • Wound-stem • Decay-stem • Hanger
134	Maple-Red	13	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dead branches >2 • Hanger • 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)
138	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Wound-stem • Co-dominant stems • Included bark
147	Maple-Silver	39	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Broken branch(s) • Decay-branch
162	Maple-Silver	36	Poor	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-stem • Cavity-stem • Co-dominant stems • Dead branches >2
164	Maple-Silver	37	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2
214	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Co-dominant stems • Wound-root
216	Maple-Silver	32	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Wound-root
217	Maple-Silver	25	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Wound-root flare • 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)
218	Maple-Silver	17	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2
219	Maple-Silver	22	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
224	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2
225	Maple-Silver	20	Good	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-stem • Buried root collar • Dead branches >2
226	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Buried root collar • Wound-root • Dead branches >2
229	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Butt swell
231	Maple-Silver	34	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Sidewalk lifting-major • 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)
238	Maple-Silver	36	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Co-dominant stems • Poor branch structure • Dead branches >2 • Decay-branch
239	Maple-Silver	29	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Co-dominant stems • Included bark • Dead branches >2
240	Maple-Silver	38	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Poor branch structure
241	Maple-Silver	27	Good	Low	Overhead lines	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Co-dominant stems • Dead branches >2 • Poor branch structure
242	Maple-Silver	25	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Sidewalk lifting-major • Dead branches >2 • Poor branch structure
243	Maple-Silver	32	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root flare • Sidewalk lifting-minor • 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)
245	Maple-Silver	40	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Sidewalk lifting-minor • Co-dominant stems • Dead branches >2
248	Maple-Silver	31	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Hanger • Dead branches >2 • Co-dominant stems • Sidewalk lifting-minor
265	Maple-Hedge	9	Dead	Low	Sidewalk	ASAP	• Removal	...
267	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Sidewalk lifting-major • Wound-root flare • Wound-root • Wound-stem • Dead branches >2 • Co-dominant stems
268	Maple-Silver	24	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Cavity-stem • Decay-stem • Hanger
269	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Sidewalk lifting-major • Co-dominant stems • Wound-root • Dead branches >2 • Decay-branch
272	Oak-Northern Red	35	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Wound-root • Dead branches >2 • Poor branch structure • Sidewalk lifting-major

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
274	Maple-Silver	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Sidewalk lifting-major • Cavity-stem • Dead branches >2
275	Oak-Northern Red	33	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Wound-stem • Sidewalk lifting-minor • Poor branch structure • Dead branches >2
276	Oak-Northern Red	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Reduce weight of branch ends	• Cut roots • Dead branches >2 • Poor branch structure
281	Maple-Norway	16	Dead	Low	Building	ASAP	• Removal	...
286	Elm-American	35	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-major • Co-dominant stems • Wound-stem • Dead branches >2 • Poor branch structure
290	Maple-Silver	29	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Poor branch structure
293	Maple-Silver	44	Dead	Low	Street	ASAP	• Removal	...

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
297	Maple-Silver	40	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-major • Cavity-stem • Decay-stem • Overextended branch • Dead branches >2
298	Maple-Silver	27	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-major • Wound-stem • Overextended branch • Dead branches >2 • Poor branch structure
301	Maple-Silver	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance • Cable: New 1	• Wound-root • Sidewalk lifting-major • Co-dominant stems • Included bark • Dead branches >2 • Poor branch structure
303	Maple-Silver	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-root • Co-dominant stems • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
307	Maple-Silver	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-root • Dead branches >2 • Co-dominant stems • Poor branch structure
310	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Co-dominant stems • Dead branches >2
311	Maple-Silver	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Wound-root • Dead branches >2
313	Tuliptree	30	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Sidewalk lifting-major • Dead branches >2 • Poor branch structure • Hanger
316 *	Maple-Silver	32	Good	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Sidewalk lifting-major • Cavity-root flare • Lean • Dead branches >2 • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
317	Maple-Silver	33	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Poor branch structure
318 *	Maple-Silver	30	Poor	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce spread of crown	• Wound-root • Sidewalk lifting-major • Wound-stem • Cavity-suspected • Decay-stem • Dead branches >2
320	Maple-Silver	32	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-minor • Wound-root flare • Dead branches >2 • Co-dominant stems
322	Maple-Silver	31	Poor	Low	Street	ASAP	• Removal	• Wound-root • Co-dominant stems • Dead branches >2
323 *	Maple-Silver	34	Good	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce size of crown	• Wound-root • Sidewalk lifting-major • Decay-stem • Decay-root flare • Cavity-stem • Dead branches >2
324	Maple-Silver	31	Poor	Low	Street	ASAP	• Removal	• Hanger • Cavity-root flare • Decay-root flare • Decay-stem • Co-dominant stems • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
325	Maple-Silver	30	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Dead branches >2 • Sidewalk lifting-major
327	Maple-Silver	33	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Hanger
328	Maple-Silver	29	Poor	Low	Sidewalk	ASAP	• Removal	• Sidewalk lifting-major • Decay-branch • Dead branches >2 • Dieback (severe) • Hanger • Decay-stem
334	Maple-Silver	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Sidewalk lifting-major • Dead branches >2 • Co-dominant stems • Poor branch structure
335	Maple-Silver	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Sidewalk lifting-major • Dead branches >2 • Poor branch structure
336	Maple-Silver	28	Dead	Low	Sidewalk	ASAP	• Removal	...
337	Maple-Silver	25	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Wound-stem • Wound-root • Broken branch(s)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
339 *	Maple-Silver	40	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density	• Cut roots • Decay-root flare • Decay-stem • Dead branches >2 • Co-dominant stems
342	Maple-Silver	29	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Wound-root flare • Hanger • Dead branches >2 • Dieback (moderate) • Poor branch structure
344	Maple-Silver	29	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Cut roots • Wound-root • Wound-stem • Dieback (moderate) • Decay-branch
346	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Decay-branch
347	Maple-Silver	29	Fair	Low	Sidewalk	ASAP	• Removal	• Cut roots • Cavity-root flare • Decay-root flare • Decay-stem • Dead branches >2
349	Maple-Silver	29	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Cut roots • Cavity-branch • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
351	Maple-Silver	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Cut roots • Dead branches >2 • Hanger • Poor branch structure
352	Oak-Northern Red	30	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Cut roots • Dead branches >2 • Wound-root • Poor branch structure
358	Ash-Green	26	Dead	Low	Street	ASAP	• Removal	...
359	Maple-Silver	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Sidewalk lifting-major • Dead branches >2 • Poor branch structure
361	Maple-Silver	22	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Sidewalk lifting-minor • Dead branches >2 • Poor branch structure
363	Maple-Silver	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Cavity-stem • Dead branches >2 • Construction damage
365	Maple-Silver	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s)
366 *	Maple-Silver	42	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Cavity-stem • Decay-stem • Co-dominant stems • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
367	Oak-Pin	31	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Wound-root flare • Construction damage • Dead branches >2 • Poor branch structure
368 *	Oak-Black	42	Good	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Crown • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Cable: New 1	• Co-dominant stems • Included bark • Sidewalk lifting-major • Overextended branch • Dead branches >2 • Cavity-branch
370	Maple-Silver	31	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Topping/heading cuts
371	Maple-Silver	31	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
372	Maple-Silver	32	Fair	Low	Overhead lines	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dead branches >2
374	Maple-Silver	21	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Topping/heading cuts • Dead branches >2 • Poor branch structure
377	Maple-Silver	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Cavity-stem • Co-dominant stems • Overextended branch • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
378	Maple-Silver	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Co-dominant stems • Dead branches >2
381	Maple-Silver	27	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Dieback (severe)
382 *	Maple-Silver	28	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Buried root collar • Dead branches >2 • Dieback (severe) • Decay-stem
384	Maple-Silver	32	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2 • Co-dominant stems
391 *	Maple-Silver	35	Good	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Root • Prune: Reduce risk of branch stem and/or root failure	• Decay-root • Wound-stem • Dead branches >2
394	Maple-Silver	24	Poor	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Broken branch(s)
395	Maple-Silver	21	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure
397	Oak-Pin	40	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-stem • Sidewalk lifting-minor • 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)
401	Maple-Silver	22	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure
403	Maple-Silver	40	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Poor branch structure • Dead branches >2 • Co-dominant stems
404	Maple-Freeman's	20	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Lean • Dead branches >2 • Poor branch structure
405 *	Maple-Silver	30	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Decay-stem • Dead branches >2 • Co-dominant stems
406	Maple-Silver	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2
416	Maple-Norway	16	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
427	Linden-American	21	Poor	Low	Street	ASAP	• Removal	• Dieback (severe) • Dead branches >2
431	Maple-Red	16	Dead	Low	Sidewalk	ASAP	• Removal	...
440	Maple-Freeman's	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Co-dominant stems • Dead branches >2 • Wound-root • Sidewalk lifting-minor

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
441	Maple-Freeman's	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Co-dominant stems • Dead branches >2
442	Maple-Freeman's	21	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Wound-stem • Dead branches >2
444	Maple-Silver	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Co-dominant stems • Dead branches >2 • Construction damage
446 *	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Cavity-root flare • Decay-root flare • Decay-stem • Dead branches >2 • Poor branch structure
448	Maple-Red	21	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Wound-stem • Fungi/conks • Poor branch structure • Dead branches >2
454	Maple-Silver	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Wound-root
455	Maple-Silver	22	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Co-dominant stems • Dieback (moderate)
465 *	Maple-Silver	38	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Hanger • Wound-stem • Decay-stem • Sidewalk lifting-major

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
466 *	Maple-Silver	25	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Removal	• Decay-root flare • Decay-stem • Dead branches >2
467	Maple-Silver	20	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Cavity-stem
469	Maple-Silver	24	Good	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure
470	Maple-Silver	32	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Co-dominant stems • Poor branch structure
473	Maple-Silver	27	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root flare • Co-dominant stems • Dead branches >2 • Dieback (moderate)
475	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Construction damage • Dieback (moderate) • Dead branches >2
477	Maple-Silver	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Sidewalk lifting-minor • Hanger • Dead branches >2
478	Maple-Silver	36	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Co-dominant stems • Sidewalk lifting-major

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
479	Maple-Silver	29	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Cavity-stem • Poor branch structure
480	Maple-Silver	29	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Dead branches >2 • Co-dominant stems
481	Maple-Silver	31	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Sidewalk lifting-minor • Dead branches >2 • Decay-branch
485	Maple-Silver	28	Poor	Low	Sidewalk	ASAP	• Removal	• Cavity-root flare • Decay-root flare • Dead branches >2 • Dieback (severe)
487 *	Maple-Silver	22	Poor	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Dieback (moderate) • Dead branches >2 • Decay-stem
496	Maple-Silver	39	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Sidewalk lifting-major • Cavity-stem • Dead branches >2 • Dieback (moderate)
497	Maple-Silver	24	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (severe)
498	Maple-Silver	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Wound-root flare • Dead branches >2 • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
501	Maple-Silver	22	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Decay-stem • Dead branches >2 • Co-dominant stems • Dieback (moderate)
503	Maple-Silver	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Wound-root • Dead branches >2 • Dieback (moderate)
506	Maple-Silver	40	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Dieback (moderate)
507	Maple-Silver	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
509	Maple-Silver	29	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Dead branches >2 • Dieback (severe) • Poor branch structure
513	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Dieback (moderate)
514	Maple-Silver	25	Poor	Low	Sidewalk	ASAP	• Removal	• Wound-root • Sidewalk lifting-minor • Dieback (severe) • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
517	Maple-Silver	36	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Wound-root • Sidewalk lifting-major • Overextended branch • Dead branches >2
518	Maple-Freeman's	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (moderate) • Wound-stem • Wound-root • Dead branches >2
521	Maple-Silver	25	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-stem • Sidewalk lifting-minor • Poor branch structure • Dead branches >2
523	Maple-Silver	32	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Develop branch structure	• Dead branches >2 • Dieback (moderate) • Co-dominant stems • Wound-stem • Wound-root • Sidewalk lifting-major
524	Maple-Silver	37	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Wound-root • Sidewalk lifting-minor • Co-dominant stems • Dead branches >2 • Overextended branch
525	Maple-Silver	33	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-major • Co-dominant stems • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
526	Maple-Silver	34	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Improve appearance	• Hanger • Dead branches >2 • Wound-root • Sidewalk lifting-major • Overextended branch • Co-dominant stems
527	Maple-Silver	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Decay-stem • Dead branches >2 • Dieback (moderate) • Dead branches >2
529	Maple-Silver	25	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dieback (moderate) • Sidewalk lifting-minor • Lean • Co-dominant stems • Dead branches >2
530	Maple-Silver	33	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Wound-stem • Sidewalk lifting-major • Dead branches >2 • Co-dominant stems
531	Maple-Silver	30	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Sidewalk lifting-major • Lean • Dieback (severe) • Dead branches >2 • Hanger

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
532	Maple-Silver	35	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Sidewalk lifting-major • Co-dominant stems • Included bark • Dead branches >2 • Dieback (moderate)
533	Maple-Silver	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Sidewalk lifting-minor • Dead branches >2 • Dieback (moderate) • Poor branch structure
536	Maple-Silver	27	Poor	Low	Sidewalk	ASAP	• Removal	• Fungi/conks • Decay-root flare • Dead branches >2 • Dieback (moderate)
538	Maple-Silver	31	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Dieback (severe) • Dead branches >2 • Construction damage
539 *	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Fungi/conks • Decay-root flare • Decay-stem • Dead branches >2 • Dieback (moderate)
548	Maple-Silver	11,10,9,8	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Included bark • Wound-stem • Crack-stem
563	Maple-Silver	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Dieback (moderate) • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
564	Maple-Silver	22	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (severe) • Dead branches >2
565	Maple-Silver	25	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Cavity-stem • Decay-stem • Dead branches >2
566	Maple-Silver	27	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Co-dominant stems • Dieback (moderate) • Dead branches >2
567	Maple-Silver	39	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Sidewalk lifting-major • Dead branches >2 • Dieback (moderate) • Decay-branch
577 *	Honeylocust-Thornless Common	14	Good	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Fungi/conks • Dead branches >2 • Wound-stem • Decay-stem
579	Honeylocust-Thornless Common	16	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure • Sidewalk lifting-minor

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
583	Honeylocust-Thornless Common	18	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Wound-stem • Poor branch structure • Dead branches >2 • Construction damage
584	Honeylocust-Thornless Common	18	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Construction damage • Dead branches >2
594 *	Maple-Silver	36	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Dead branches >2 • Cavity-suspected
599 *	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Wound-stem • Decay-stem • Girdling roots present (severe) • Dieback (moderate) • Dead branches >2
600	Maple-Silver	25	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Dead branches >2
601	Maple-Silver	28	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-stem • Dead branches >2 • Broken branch(s) • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
602	Maple-Sugar	20	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Cable: New 1 • Brace Rod: New 3	• Buried root collar • Crack-stem • Uneven crown • Co-dominant stems • Included bark
603	Maple-Silver	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Cavity-branch • Dieback (moderate) • Dead branches >2 • Poor branch structure
609	Maple-Silver	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Dieback (severe)
610	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Fungi/conks • Decay-stem • Dieback (moderate) • Dead branches >2 • Co-dominant stems
620	Maple-Silver	40	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (severe) • Dead branches >2 • Co-dominant stems
622 *	Oak-Northern Red	31	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure • Construction damage • Cavity-root flare • Decay-root flare

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
623	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Topping/heading cuts • Co-dominant stems • Dead branches >2
624	Maple-Silver	46	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Dead branches >2 • Dieback (moderate) • Co-dominant stems • Included bark
631	Maple-Silver	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Construction damage • Co-dominant stems • Dead branches >2
638 *	Maple-Silver	13	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Buried root collar • Lean • Decay-stem
645	Maple-Silver	27	Dead	Low	Sidewalk	ASAP	• Removal	• Cavity-stem • Decay-stem • Dead branches >2
646	Maple-Silver	42	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Wound-stem • Co-dominant stems • Dead branches >2
647	Maple-Silver	27	Poor	Low	Sidewalk	ASAP	• Removal	• Decay-stem • Dead branches >2 • Dieback (severe) • Broken branch(s)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
648 *	Maple-Silver	29	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Root • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Cut roots • Lean • Dead branches >2 • Dieback (moderate)
652 *	Maple-Silver	35	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Root • Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Construction damage • Cavity-stem • Dead branches >2 • Dieback (moderate)
653	Maple-Freeman's	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Buried root collar • Co-dominant stems • Dead branches >2 • Dieback (moderate) • Construction damage
655	Maple-Freeman's	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Hanger • Wound-root • Co-dominant stems • Poor branch structure • Dieback (moderate)
656	Maple-Silver	17	Dead	Low	Sidewalk	ASAP	• Removal	...
664	Maple-Silver	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Construction damage • Dieback (moderate) • Dead branches >2 • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
665	Maple-Silver	39	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Wound-root flare • Dieback (moderate) • Dead branches >2
666	Maple-Silver	31	Poor	Low	Sidewalk	ASAP	• Removal	• Construction damage • Dead branches >2 • Dieback (severe)
676	Maple-Freeman's	22	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Dieback (moderate)
677 *	Maple-Freeman's	23	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Cavity-suspected • Dieback (severe) • Dead branches >2
680	Maple-Silver	32	Dead	Low	Street	ASAP	• Removal	...
681	Maple-Freeman's	14	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems
686	Maple-Silver	23	Poor	Low	Sidewalk	ASAP	• Removal	• Fungi/conks • Decay-root flare • Girdling roots present (severe) • Dead branches >2 • Co-dominant stems
688 *	Maple-Silver	42	Good	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Decay-stem • Cavity-root flare • Dead branches >2 • Dieback (moderate) • Co-dominant stems • Included bark

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
692	Maple-Sugar	21	Poor	Low	Street	ASAP	• Removal	• Buried root collar • Sidewalk lifting-major • Decay-stem • Dieback (moderate) • Dead branches >2 • Co-dominant stems
702	Honeylocust-Thornless Common	13	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Dead branches >2 • Poor branch structure
729	Maple-Red	18	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Buried root collar • Dead branches >2 • Cavity-stem • Dieback (moderate)
730	Maple-Silver	17,17	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Co-dominant stems • Dead branches >2 • Sidewalk lifting-major
736	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Buried root collar • Sidewalk lifting-major • Dieback (moderate) • Dead branches >2
737	Maple-Silver	31	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Wound-root • Cavity-stem • Sidewalk lifting-major • Poor branch structure • Included bark • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
739	Honeylocust-Thornless Common	21	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Girdling roots present • Sidewalk lifting-minor • Dead branches >2 • Poor branch structure
744 *	Honeylocust-Thornless Common	15	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Root • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Fungi/conks • Decay-root flare • Dead branches >2 • Poor branch structure
745	Honeylocust-Thornless Common	15	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Wound-root • Sidewalk lifting-minor • Dead branches >2 • Poor branch structure
754	Maple-Norway	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Dieback (moderate) • Dead branches >2
757	Maple-Sugar	20	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-root • Sidewalk lifting-major • Dieback (moderate) • Dead branches >2
758	Maple-Silver	23	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • 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)
760	Maple-Silver	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
763	Maple-Silver	28	Poor	Low	Sidewalk	ASAP	• Removal	• Wound-root • Construction damage • Co-dominant stems • Dieback (severe) • Dead branches >2
764	Maple-Silver	20	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe)
765	Maple-Silver	29	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Construction damage • Dead branches >2 • Dieback (moderate)
766	Ash-Green	14	Poor	Low	Street	ASAP	• Removal	• Dieback (severe)
767	Ash-Green	12	Poor	Low	Street	ASAP	• Removal	• Dieback (severe)
772	Maple-Silver	30	Dead	Low	Street	ASAP	• Removal	...
774	Maple-Silver	25	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2 • Construction damage
775	Maple-Silver	25	Poor	Low	Sidewalk	ASAP	• Removal	• Co-dominant stems • Dieback (severe) • Dead branches >2
776	Ash-Green	11	Dead	Low	Sidewalk	ASAP	• Removal	...
777	Ash-Green	12	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe)
779	Ash-Green	15	Dead	Low	Sidewalk	ASAP	• Removal	...
780	Ash-Green	14	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe)
781	Ash-Green	14	Dead	Low	Sidewalk	ASAP	• Removal	...
783	Ash-Green	14	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe)
784	Ash-Green	14	Dead	Low	Sidewalk	ASAP	• Removal	...
785	Ash-Green	14	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
787	Ash-Green	16	Poor	Low	Sidewalk	ASAP	• Removal	• Construction damage • Wound-stem • Dieback (severe)
788	Ash-Green	16	Poor	Low	Parking	ASAP	• Removal	• Dieback (severe) • Construction damage • Wound-stem
790	Ash-Green	15	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe)
791	Ash-Green	9	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe)
801	Ash-Green	10	Dead	Low	Sidewalk	ASAP	• Removal	...
802	Ash-Green	14	Poor	Low	Sidewalk	ASAP	• Removal	• Buried root collar • Wound-stem • Dieback (moderate) • Dead branches >2 • Co-dominant stems • Included bark
803	Oak-Northern Red	33	Good	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce spread of crown • Prune: Improve light and air penetration through crown	• Wound-root • Sidewalk lifting-major • Construction damage • Dead branches >2 • Overextended branch • Poor branch structure
804	Ash-Green	14	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (moderate) • Wound-stem • Dead branches >2 • Poor branch structure
806	Ash-Green	11	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe)
807	Ash-Green	14	Poor	Low	Parking	ASAP	• Removal	• Wound-stem • Dieback (severe)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
808	Ash-Green	11	Poor	Low	Street	ASAP	• Removal	• Buried root collar • Wound-stem • Dieback (severe)
809	Ash-Green	14	Poor	Low	Parking	ASAP	• Removal	• Wound-stem • Dieback (severe)
810	Ash-Green	8	Dead	Low	Street	ASAP	• Removal	...
811	Ash-Green	7	Dead	Low	Driveway	ASAP	• Removal	...
812	Ash-Green	12	Poor	Low	Sidewalk	ASAP	• Removal	• Wound-stem • Dieback (moderate)
813	Ash-Green	12	Poor	Low	Street	ASAP	• Removal	• Wound-stem • Dieback (severe) • Hanger
814	Ash-Green	14	Poor	Low	Street	ASAP	• Removal	• Hanger • Dieback (severe) • Wound-stem
815	Ash-Green	12	Dead	Low	Parking	ASAP	• Removal	...
816	Ash-Green	10	Dead	Low	Sidewalk	ASAP	• Removal	...
819	Ash-Green	11	Dead	Low	Sidewalk	ASAP	• Removal	...
821 *	Maple-Red	20	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Buried root collar • Wound-stem • Decay-stem • Dead branches >2 • Dieback (moderate)
822	Maple-Silver	33	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Construction damage • Poor branch structure • Dieback (moderate)
823	Maple-Silver	32	Poor	Low	Sidewalk	ASAP	• Removal	• Wound-root • Construction damage • Dead branches >2 • Dieback (severe)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
824	Linden-American	27	Fair	Low	Street	ASAP	• Removal	• Wound-root • Construction damage • Dieback (moderate) • Dead branches >2
826	Sweetgum-Common	15	Poor	Low	Street	ASAP	• Removal	• Wound-stem • Wound-root • Construction damage • Cut roots
827	Maple-Silver	23	Poor	Low	Parking	ASAP	• Removal	• Wound-root • Construction damage • Dieback (severe) • Dead branches >2 • Co-dominant stems • Included bark
829	Tuliptree	13	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Construction damage • Dead branches >2 • Poor branch structure
831	Maple-Freeman's	14	Fair	Low	Street	ASAP	• Removal	• Cut roots • Construction damage • Uneven crown
838	Maple-Silver	23	Poor	Low	Building	ASAP	• Removal	• Construction damage • Dieback (severe) • Cavity-stem • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
840	Maple-Silver	27	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dieback (moderate) • Dead branches >2 • Poor branch structure • Wound-root
841	Maple-Silver	29	Poor	Low	Street	ASAP	• Removal	• Construction damage • Cut roots • Dieback (severe) • Dead branches >2 • Decay-stem • Co-dominant stems
842	Maple-Silver	30	Poor	Low	Street	ASAP	• Removal	• Wound-root • Construction damage • Dieback (severe)
844	Ash-Green	14	Poor	Low	Street	ASAP	• Removal	• Buried root collar • Wound-stem • Dieback (severe)
845	Maple-Silver	27	Poor	Low	Sidewalk	ASAP	• Removal	• Construction damage • Wound-root • Dieback (severe) • Dead branches >2 • Decay-stem
880	Linden-Littleleaf	11	Poor	Low	Street	ASAP	• Removal	• Construction damage • Decay-root flare • Lean
899	Linden-Littleleaf	11	Poor	Low	Street	ASAP	• Removal	• Construction damage • Dieback (moderate) • Decay-root flare • Decay-stem • Lean

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
904	Maple-Silver	20	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Dieback (severe) • Dead branches >2
906	Maple-Silver	21	Poor	Low	Street	ASAP	• Removal	• Construction damage • Dieback (severe) • Dead branches >2
908	Honeylocust-Thornless Common	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Construction damage • Dead branches >2 • Poor branch structure
909	Honeylocust-Thornless Common	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure
928	Linden-Littleleaf	12	Good	Low	Sidewalk	ASAP	• Prune: Reduce spread of crown • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Construction damage • Cut roots • Wound-root • Poor branch structure • Included bark
994 *	Maple-Silver	32	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Cavity-stem • Dead branches >2 • Dieback (moderate) • Co-dominant stems
1001	Honeylocust-Thornless Common	13	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Poor branch structure • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1002	Honeylocust-Thornless Common	11	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Buried root collar • Dead branches >2 • Poor branch structure • Dieback (moderate)
1029	Honeylocust-Thornless Common	15	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Wound-root • Poor branch structure • Dead branches >2
1032	Maple-Silver	25	Dead	Low	Sidewalk	ASAP	• Removal	...
1035	Maple-Silver	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Construction damage • Dieback (moderate) • Dead branches >2 • Poor branch structure
1037	Maple-Silver	29	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Sidewalk lifting-major • Dieback (severe) • Dead branches >2 • Poor branch structure
1038	Maple-Silver	29	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Sidewalk lifting-major • Dieback (moderate) • Dead branches >2 • Co-dominant stems • Broken branch(s)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1039	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Wound-root • Wound-stem • Sidewalk lifting-major • Co-dominant stems • Dead branches >2 • Dieback (moderate)
1040	Maple-Silver	21	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • Poor branch structure
1041	Maple-Silver	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • Poor branch structure
1042	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • Dieback (moderate) • Wound-root
1043	Maple-Silver	22	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • Poor branch structure • Dieback (moderate)
1098	Maple-Norway	20	Fair	Low	Parking	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1099	Maple-Silver	28	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Girdling roots present (moderate) • Dead branches >2 • Buried root collar • Poor branch structure
1101	Crabapple	11	Dead	Low	Sidewalk	ASAP	• Removal	...
1105	Maple-Norway	13	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure • Wound-root • Construction damage
1121	Maple-Red	23	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (severe) • Poor branch structure • Cut roots • Construction damage
1123	Oak-Northern Red	35	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Construction damage • Wound-root • Dead branches >2 • Poor branch structure • Dieback (moderate)
1124	Maple-Silver	31	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (moderate) • Dead branches >2 • Cavity-stem • Decay-stem • Construction damage

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1133	Maple-Red	15	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Dieback (moderate) • Dead branches >2 • Decay-branch
1136	Maple-Sugar	15	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2 • Wound-root • Girdling roots suspected • Poor branch structure
1139	Sweetgum-Common	13	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Wound-root • Dieback (severe) • Dead branches >2
1140	Linden-American	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-root • Cavity-stem • Co-dominant stems • Dead branches >2 • Poor branch structure
1141	Honeylocust-Thornless Common	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Construction damage • Co-dominant stems • Dead branches >2 • Poor branch structure
1144	Tuliptree	19	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• 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)
1150	Maple-Freeman's	16	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (severe) • Hanger • Dead branches >2 • Broken branch(s) • Poor branch structure
1202	Maple-Silver	21	Poor	Low	Sidewalk	ASAP	• Removal	• Decay-root flare • Decay-branch • Dieback (severe) • Hanger • Dead branches >2
1228	Maple-Norway	22	Poor	Low	Street	ASAP	• Removal	• Decay-stem • Fungi/conks • Dead branches >2 • Dieback (moderate)
1231	Maple-Red	13	Poor	Low	Sidewalk	ASAP	• Removal	• Wound-stem • Dieback (severe) • Construction damage • Dead branches >2
1237	Maple-Silver	30	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Co-dominant stems • Poor branch structure • Dieback (severe) • Dead branches >2
1246	Ash-Green	18	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Decay-root • Dead branches >2
1253	Linden-American	31	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Cable: New 1	• Co-dominant stems • Included bark • Poor branch structure • Dead branches >2 • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1254	Honeylocust-Thornless Common	29	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-root • Construction damage • Poor branch structure • Dead branches >2
1255 *	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Cavity-stem • Dieback (severe) • Hanger • Dead branches >2
1261	Maple-Silver	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-root • Dieback (moderate) • Dead branches >2 • Co-dominant stems
1264 *	Sycamore-American	34	Good	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce weight of branch ends • Prune: Clearance • Prune: Improve appearance	• Wound-stem • Flush cuts • Decay-stem • Overextended branch
1265 *	Sycamore-American	35	Good	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce spread of crown	• Decay-stem • Cavity-suspected • Construction damage • 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)
1269	Maple-Freeman's	16	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Co-dominant stems • Dieback (moderate) • Dead branches >2
1282	Maple-Norway	17	Poor	Low	Sidewalk	ASAP	• Removal	• Decay-stem • Dead branches >2 • Dieback (severe)
1283	Maple-Silver	33	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Wound-root • Dead branches >2 • Co-dominant stems
1285	Oak-Northern Red	36	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Construction damage • Wound-root • Dead branches >2 • Dieback (moderate) • Poor branch structure
1286 *	Maple-Silver	33	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Decay-stem • Cavity-suspected • Wound-root • Dead branches >2 • Dieback (severe)
1290 *	Maple-Silver	33	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Cavity-stem • Decay-stem • Co-dominant stems • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1291	Tuliptree	20	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Dead branches >2 • Poor branch structure
1292	Oak-Pin	38	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Co-dominant stems • Poor branch structure • Dead branches >2
1294 *	Oak-Pin	30	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Cut roots • Fungi/conks • Wound-stem • Dieback (severe) • Dead branches >2
1295	Oak-Pin	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Construction damage • Wound-stem • Wound-root • Dead branches >2 • Poor branch structure
1296	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root flare • Dead branches >2 • Girdling roots present (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1299 *	Oak-Northern Red	35	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Construction damage • Cavity-root flare • Dead branches >2 • Poor branch structure
1300	Maple-Silver	27	Poor	Low	Street	ASAP	• Removal	• Construction damage • Cut roots • Dieback (severe) • Dead branches >2 • Decay-stem
1301	Oak-Northern Red	42	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Construction damage • Wound-root • Poor branch structure • Hanger
1302	Oak-Northern Red	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Construction damage • Wound-root flare • Dead branches >2 • Poor branch structure
1303	Maple-Red	12	Poor	Low	Street	ASAP	• Removal	• Construction damage • Dieback (severe) • Dead branches >2
1304	Maple-Red	18	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Dieback (moderate) • Dead branches >2 • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1306 *	Oak-Northern Red	32	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Cavity-root flare • Decay-root flare • Dead branches >2 • Dieback (moderate) • Poor branch structure
1307	Oak-Northern Red	31	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Dead branches >2 • Construction damage • Poor branch structure
1309	Ash-White	31	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
1310	Ash-White	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (severe)
1318	Tuliptree	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Dieback (moderate) • Dead branches >2
1319	Tuliptree	15	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dead branches >2 • Dieback (severe)
1321	Tuliptree	22	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Dead branches >2 • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1323	Maple-Norway	12	Poor	Low	Sidewalk	ASAP	• Removal	• Cavity-stem • Decay-stem • Dead branches >2 • Dieback (severe)
1326	Maple-Silver	41	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Dead branches >2 • Overextended branch • Wound-stem • Co-dominant stems • Included bark
1327	Maple-Silver	26	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Cavity-stem • Dead branches >2
1329	Maple-Silver	45	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Lion tailing • Overextended branch • Dead branches >2
1338	Maple-Silver	12,11	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Dieback (moderate)
1339	Maple-Silver	15	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure
1354	Oak-Northern Red	17	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Construction damage • 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)
1370	Maple-Red	17	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Construction damage • Wound-root • Dead branches >2 • Poor branch structure
1373	Oak-Northern Red	30	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure
1374	Maple-Silver	39	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce spread of crown	• Construction damage • Dead branches >2 • Overextended branch • Poor branch structure
1375	Oak-Pin	46	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Hanger • Dieback (severe)
1376 *	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Lean • Uneven crown • Dead branches >2 • Decay-stem
1377	Maple-Silver	26	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Wound-root • Dead branches >2
1378	Tuliptree	15	Poor	Low	Street	ASAP	• Removal	• Crack-stem • Decay-stem • Dieback (severe)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1379 *	Tuliptree	23	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density	• Decay-stem • Cavity-suspected • Wound-root • Dead branches >2
1381 *	Maple-Silver	38	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Root • Prune: Reduce risk of branch stem and/or root failure	• Decay-root flare • Co-dominant stems • Dieback (moderate)
1383	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Wound-root • Wound-stem • Co-dominant stems • Included bark • Dead branches >2
1384	Maple-Sugar	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Wound-stem • Dead branches >2
1385	Maple-Silver	34	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Dead branches >2 • Co-dominant stems
1386	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Cavity-stem • Decay-stem • Dead branches >2
1388	Maple-Silver	35	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (severe) • Wound-root
1389	Maple-Silver	31	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • Wound-root

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1390	Maple-Silver	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Dead branches >2
1391	Maple-Black	31	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Dieback (severe) • Wound-stem • Wound-root • Hanger
1397	Maple-Silver	28	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-stem • Dead branches >2
1399 *	Maple-Silver	45	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density	• Decay-stem • Decay-root flare • Co-dominant stems • Dead branches >2
1402	Maple-Silver	20	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe)
1412 *	Oak-Northern Red	43	Good	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Wound-root flare • Wound-branch • Uneven crown • Dead branches >2
1413 *	Oak-Northern Red	43	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Root • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce spread of crown	• Fungi/conks • Decay-root flare • Dead branches >2 • Decay-root

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1419 *	Linden-American	30	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Dieback (severe) • Decay-stem • Dead branches >2 • Fungi/conks
1422	Maple-Silver	25	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
1427	Maple-Norway	16	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-stem • Dead branches >2 • Poor branch structure
1430 *	Maple-Red	15	Good	Low	Driveway	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce density	• Cavity-stem • Decay-stem • Poor branch structure
1437	Maple-Norway	10	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2
1444	Maple-Silver	31	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce spread of crown	• Wound-root • Dead branches >2 • Poor branch structure
1447	Maple-Sugar	15	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2
1454	Oak-Northern Red	33	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure
1460	Maple-Silver	38	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (moderate) • Dead branches >2 • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1469	Oak-Pin	35	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Co-dominant stems • Included bark • Poor branch structure • Dead branches >2
1470	Oak-Pin	32	Fair	Low	Building	ASAP	• Removal	• Decay-root flare • Dieback (moderate) • Dead branches >2 • Uneven crown
1483	Maple-Silver	20	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (severe) • Dead branches >2
1490	Ash-White	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Clearance	• Girdling roots present (severe) • Co-dominant stems • Included bark • Poor branch structure • Dead branches >2 • Dieback (moderate)
1491	Ash-White	16	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Co-dominant stems • Poor branch structure • Dieback (moderate)
1492	Ash-White	14	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (moderate) • 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)
1493	Ash-White	17	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Co-dominant stems • Dead branches >2 • Wound-branch
1499	Ash-Green	17	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-stem • Wound-branch • Dieback (moderate) • Dead branches >2 • Poor branch structure • Included bark
1501	Ash-White	19	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-stem • Dieback (moderate) • Poor branch structure • Dead branches >2
1502	Ash-Green	13	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure • Included bark
1503	Oak-Pin	46	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure
1506	Ash-Green	17	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Poor branch structure • Included bark • Dead branches >2 • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1508	Ash-Green	17	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Co-dominant stems • Poor branch structure • Dead branches >2 • Dieback (moderate)
1512	Ash-Green	17	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Co-dominant stems • Poor branch structure • Included bark • Dead branches >2 • Dieback (moderate)
1513	Ash-White	18	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Co-dominant stems • Poor branch structure • Included bark • Dead branches >2 • Dieback (moderate)
1515	Ash-Green	15	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Co-dominant stems • Poor branch structure • Included bark • Dead branches >2 • Dieback (moderate)
1516	Maple-Silver	15	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1523	Honeylocust-Thornless Common	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Wound-root • Construction damage • Dead branches >2 • Poor branch structure
1525	Maple-Red	14	Poor	Low	Sidewalk	ASAP	• Removal	• Decay-root flare • Decay-stem • Dieback (severe) • Dead branches >2
1526	Maple-Silver	33	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Decay-branch • Dieback (severe)
1534	Oak-Pin	47	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Dead branches >2 • Co-dominant stems • Poor branch structure
1541	Maple-Silver	20	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate)
1545	Maple-Silver	33	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Co-dominant stems • Hanger • Dead branches >2 • Dieback (moderate)
1547	Maple-Silver	35	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Overextended branch • Cavity-branch • Dieback (moderate) • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1548	Maple-Red	18	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Dead branches >2 • Lion tailing • Poor branch structure
1549	Maple-Red	14	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-stem • Decay-stem • Dead branches >2 • Dieback (moderate)
1551 *	Beech-European	13	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Decay-stem • Dead branches >2 • Dieback (moderate) • Poor branch structure
1552	Maple-Silver	28	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Dieback (moderate) • Wound-root • Wound-stem • Dead branches >2
1554	Maple-Silver	17	Poor	Low	Street	ASAP	• Removal	• Dead branches >2 • Dieback (severe)
1556	Maple-Silver	38	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Overextended branch • Dead branches >2 • Construction damage
1560	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Co-dominant stems • Dieback (moderate) • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1561	Maple-Norway	13	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Poor branch structure • Dead branches >2 • Decay-branch
1573	Maple-Red	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
1576	Maple-Silver	28	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Poor branch structure
1585	Maple-Black	15	Poor	Low	Sidewalk	ASAP	• Removal	• Fungi/conks • Dead branches >2 • Dieback (severe)
1588	Maple-Silver	40	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Dead branches >2 • Overextended branch • Poor branch structure • Wound-root • Co-dominant stems • Included bark
1591	Maple-Norway	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Girdling roots present (severe) • Decay-stem • Dieback (moderate) • Dead branches >2 • Wound-root
1597	Maple-Silver	24	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Dead branches >2 • Co-dominant stems
1598	Ash-Green	16	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1599	Ash-Green	17	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Dieback (moderate) • Poor branch structure • Dead branches >2
1601	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1602	Maple-Silver	26	Dead	Low	Street	ASAP	• Removal	...
1603	Tuliptree	28	Poor	Low	Sidewalk	ASAP	• Removal	• Cavity-stem • Dieback (severe) • Decay-stem
1606	Ash-Green	15	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Poor branch structure • Dead branches >2
1607	Ash-Green	15	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2 • Poor branch structure
1609	Maple-Silver	29	Poor	Low	Sidewalk	ASAP	• Removal	• Storm damage • Overextended branch • Decay-stem • Dead branches >2
1617	Oak-Pin	48	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • 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)
1620	Ash-Green	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • Poor branch structure
1622	Ash-Green	16	Poor	Low	Street	ASAP	• Removal	• Dieback (severe) • Dead branches >2
1623	Ash-Green	20	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Dead branches >2 • Poor branch structure • Co-dominant stems
1663	Maple-Silver	30	Poor	Low	Sidewalk	ASAP	• Removal	• Cavity-root flare • Decay-root flare • Decay-stem • Dieback (moderate) • Dead branches >2
1676	Maple-Silver	38	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Improve appearance	• Co-dominant stems • Wound-root • Dead branches >2 • Poor branch structure
1686	Maple-Silver	33	Poor	Low	Street	ASAP	• Removal	• Fungi/conks • Dead branches >2 • Dieback (severe) • Decay-stem
1689 *	Maple-Silver	29	Poor	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Construction damage • Dieback (moderate) • Dead branches >2 • Decay-stem • Cavity-stem

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1691 *	Maple-Silver	27	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Wound-root flare • Dead branches >2 • Dieback (moderate) • Cavity-stem
1697 *	Maple-Silver	32	Poor	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Construction damage • Wound-root • Dieback (severe) • Dead branches >2 • Cavity-suspected
1698	Maple-Silver	40	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Dieback (moderate)
1699	Tuliptree	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Construction damage
1710	Linden-Littleleaf	12	Dead	Low	Sidewalk	ASAP	• Removal	• Dieback (severe)
1713	Maple-Silver	25	Dead	Low	Sidewalk	ASAP	• Removal	...
1720	Maple-Silver	25	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Develop branch structure	• Hanger • Co-dominant stems • Poor branch structure • Construction damage
1721	Maple-Silver	33	Dead	Low	Street	ASAP	• Removal	...
1722	Maple-Red	16	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Overextended branch • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1726	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Construction damage • Dieback (moderate) • Dead branches >2
1728	Maple-Silver	27	Fair	Low	Street	ASAP	• Removal	• Cavity-root flare • Dieback (severe) • Dead branches >2
1747	Ash-Green	15	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
1748	Ash-Green	15	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (severe) • Dead branches >2
1749	Ash-Green	16	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate)
1756	Ash-Green	15	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (severe) • Dead branches >2
1757	Maple-Silver	25	Fair	Low	Deck	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1760	Maple-Silver	34	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (moderate) • Dead branches >2
1761	Maple-Silver	27	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1772	Ash-Green	16	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (severe) • 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)
1774	Maple-Silver	27	Poor	Low	Street	ASAP	• Removal	• Cavity-stem • Decay-stem • Dieback (moderate) • Dead branches >2
1775	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2
1777	Ash-White	27	Dead	Low	Street	ASAP	• Removal	...
1778	Ash-Green	8	Dead	Low	Sidewalk	ASAP	• Removal	...
1779	Ash-Green	11	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Wound-stem • Dead branches >2
1780	Ash-Green	13	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2
1782	Ash-Green	12	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2 • Wound-stem
1786	Ash-Green	13	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dieback (moderate) • Dead branches >2 • Poor branch structure
1787	Ash-Green	15	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1789	Ash-Green	13	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Wound-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)
1790	Ash-Green	16	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Poor branch structure
1791	Ash-Green	15	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Poor branch structure
1794	Maple-Red	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Girdling roots present (moderate)
1799	Oak-Pin	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Poor branch structure
1806 *	Tuliptree	30	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Wound-root • Wound-stem • Dead branches >2
1811	Maple-Silver	37	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Co-dominant stems • Poor branch structure • Overextended branch • Dead branches >2
1816	Tuliptree	22	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• 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)
1817	Tuliptree	26	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure
1822	Sycamore-American	16	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Co-dominant stems • Dead branches >2 • Poor branch structure
1824	Crabapple	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Dieback (moderate) • Buried root collar • Wound-branch • Poor branch structure
1825	Oak-Pin	35	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density	• Dead branches >2 • Poor branch structure • Co-dominant stems • Included bark
1833	Maple-Silver	36	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Dead branches >2 • Co-dominant stems • Poor branch structure
1834	Maple-Silver	43	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Cavity-stem • Decay-stem • Co-dominant stems • Included bark • Hanger

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1835	Maple-Silver	22	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • Poor branch structure • Decay-stem
1837	Maple-Silver	28	Poor	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Co-dominant stems • Dead branches >2 • Poor branch structure • Wound-stem • Dieback (moderate)
1838	Maple-Silver	40	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Decay-root flare • Co-dominant stems • Dead branches >2
1842	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1843	Maple-Silver	18	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems
1848 *	Maple-Silver	34	Fair	Low	Sidewalk	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Construction damage • Dead branches >2 • Fungi/conks • Dieback (moderate) • Co-dominant stems
1863	Maple-Silver	23	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Poor branch structure • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1864	Maple-Silver	38	Poor	Low	Sidewalk	ASAP	• Removal	• Construction damage • Dead branches >2 • Hanger • Co-dominant stems • Dieback (severe)
1873	Maple-Silver	25	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (moderate) • Dead branches >2 • Co-dominant stems
1884	Maple-Silver	24	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (moderate) • Dead branches >2
1885 *	Maple-Silver	26	Poor	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Decay-stem • Dead branches >2 • Lean • Dieback (moderate)
1887	Maple-Silver	32	Poor	Low	Street	ASAP	• Removal	• Decay-stem • Dead branches >2 • Dieback (severe)
1888	Maple-Silver	27	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (severe) • Dead branches >2 • Decay-branch
1890	Oak-Northern Red	48	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Reduce spread of crown	• Dead branches >2 • Poor branch structure • Cavity-stem
1896	Maple-Silver	16	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (moderate) • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1899	Maple-Silver	39	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Fungi/conks • Dead branches >2 • Poor branch structure • Wound-root
1901	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-stem • Wound-root • Dead branches >2 • Dieback (moderate) • Co-dominant stems
1904	Maple-Norway	13	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Decay-root flare
1907	Maple-Silver	38	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Co-dominant stems • Dead branches >2 • Dieback (moderate) • Decay-branch • Poor branch structure
1910	Maple-Silver	22	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dieback (severe) • Dead branches >2 • Poor branch structure
1911	Maple-Silver	24	Dead	Low	Street	ASAP	• Removal	...
1916	Maple-Silver	29	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Burl • 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)
1925	Honeylocust-Thornless Common	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1927	Honeylocust-Thornless Common	20	Poor	Low	Street	ASAP	• Removal	• Cut roots • Decay-root flare • Dieback (severe) • Dead branches >2
1931	Maple-Silver	42	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Decay-stem • Dieback (moderate) • Dead branches >2 • Poor branch structure
1934	Maple-Silver	40	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Wound-root • Co-dominant stems
1942	Honeylocust-Thornless Common	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Wound-branch • Poor branch structure
1946	Maple-Red	13	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Poor branch structure
1947	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2 • Wound-root • Dieback (moderate)
1948	Maple-Silver	28	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • 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)
1950	Maple-Silver	24	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Wound-root
1952	Maple-Silver	14	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Cavity-stem • Decay-stem • Co-dominant stems • Dead branches >2
1954	Maple-Silver	41	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-stem • Dead branches >2 • Poor branch structure
1955	Maple-Red	14	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems
1958	Maple-Silver	34	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (severe) • Dead branches >2 • Co-dominant stems
1959	Tuliptree	16	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1962	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1970	Oak-Northern Red	30	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-root • Dead branches >2 • Poor branch structure
1977	Maple-Silver	23	Poor	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Dieback (severe) • Poor branch structure • Wound-root
1983	Maple-Silver	32	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Dieback (moderate) • Poor branch structure • Wound-root • Wound-root flare
1984	Maple-Silver	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate)
1988	Oak-Pin	38	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Wound-stem
1989	Oak-Pin	31	Fair	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
1992	Maple-Silver	39	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Decay-branch • Dieback (moderate) • Co-dominant stems

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1994	Maple-Silver	16,12	Poor	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (severe) • Dead branches >2 • Wound-stem • Uneven crown
1996	Maple-Silver	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-stem • Dead branches >2 • Dieback (moderate)
2006	Elm-Siberian	31	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (moderate) • Dead branches >2 • Co-dominant stems • Wound-stem
2008	Maple-Silver	35	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2
2010 *	Tuliptree	23	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Decay-stem • Uneven crown
2011	Oak-Northern Red	52	Good	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Broken branch(s) • Poor branch structure
2042	Maple-Silver	36	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • Wound-stem
2068	Birch-Gray	23	Poor	Low	Street	ASAP	• Removal	• Dieback (severe) • Dead branches >2 • Co-dominant stems • Decay-stem

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2075	Maple-Silver	37	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Co-dominant stems • Included bark • Dead branches >2 • Dieback (moderate) • Overextended branch
2076 *	Maple-Silver	34	Poor	Low	Driveway	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Fungi/conks • Decay-stem • Dieback (moderate) • Dead branches >2 • Co-dominant stems • Included bark
2198	Elm-Siberian	18,17	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Improve appearance • Cable: New 1	• Dieback (severe) • Poor branch structure • Co-dominant stems • Included bark • Dead branches >2 • Cavity-stem
2200	Maple-Silver	21	Dead	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2
2207	Maple-Silver	30	Fair	Low	Sidewalk	ASAP	• Removal	• Decay-root flare • Cavity-stem • Dead branches >2 • Poor branch structure
2208	Maple-Silver	45	Poor	Low	Sidewalk	ASAP	• Removal	• Decay-root flare • Decay-root • Cavity-stem • Decay-stem • Dieback (severe) • Dead branches >2
2242	Maple-Silver	25	Dead	Low	Street	ASAP	• Removal	...

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2255	Maple-Silver	29	Poor	Low	Sidewalk	ASAP	• Removal	• Girdling roots present (severe) • Decay-root • Dead branches >2 • Dieback (severe)
2256	Oak-Pin	42	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Poor branch structure • Dead branches >2 • Broken branch(s)
2257	Maple-Silver	25	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (severe) • Dead branches >2 • Hanger
2267	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Improve appearance	• Dieback (moderate) • Decay-root flare • Dead branches >2 • Poor branch structure
2268	Maple-Silver	28	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends	• Wound-root flare • Dead branches >2 • Dieback (severe)
2281	Oak-Northern Red	37	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Poor branch structure • Dead branches >2 • Broken branch(s)
2286	Maple-Silver	15	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Dieback (severe) • Dead branches >2 • Wound-root

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2290	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Wound-root • Dieback (severe) • Dead branches >2 • Poor branch structure
2298	Maple-Silver	25	Poor	Low	Sidewalk	ASAP	• Removal	• Co-dominant stems • Poor branch structure • Dieback (severe) • Dead branches >2 • Hanger
2303	Oak-Pin	41	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density • Prune: Improve appearance	• Wound-root • Dead branches >2 • Poor branch structure
2304	Maple-Silver	20	Poor	Low	Street	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Cavity-stem • Co-dominant stems
2305	Maple-Red	11	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (moderate) • Dead branches >2 • Co-dominant stems
2317	Ash-White	27	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Reduce density	• Dieback (moderate) • 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)
2322	Maple-Freeman's	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Poor branch structure • Wound-root • Dead branches >2 • Decay-branch
2323	Oak-Pin	42	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Poor branch structure • Decay-branch
2324	Maple-Silver	32	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Dieback (severe) • Dead branches >2 • Co-dominant stems • Poor branch structure
2325	Maple-Silver	27	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Dieback (moderate) • Co-dominant stems • Co-dominant stems • Poor branch structure • Wound-branch
2326	Oak-Northern Red	42	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Cable: New 1	• Construction damage • Wound-root flare • Co-dominant stems • Included bark • Dead branches >2 • Hanger
2327	Oak-Pin	38	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dead branches >2 • Co-dominant stems • 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)
2329	Oak-Pin	36	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Decay-root flare • Cut roots • Dead branches >2
2330	Oak-Northern Red	28	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root flare • Dead branches >2 • Co-dominant stems • Poor branch structure
2331	Oak-Pin	30	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
2333	Oak-Pin	35	Good	Low	Sidewalk	ASAP	• Prune: Clearance • Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Overextended branch • Poor branch structure • Wound-stem
2334	Maple-Silver	35	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (moderate) • Co-dominant stems • Poor branch structure • Dead branches >2 • Wound-root
2335	Oak-Northern Red	35	Good	Low	Driveway	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure • Broken branch(s) • Cavity-root flare

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2336	Oak-Pin	33	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Poor branch structure • Wound-stem • Wound-root
2350	Maple-Silver	28	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (severe) • Dead branches >2 • Wound-root
2355	Maple-Silver	17	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Wound-stem • Dieback (severe) • Dead branches >2
2362	Oak-Pin	34	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Cavity-root flare • Wound-root • Dead branches >2 • Poor branch structure
2363 *	Maple-Silver	26	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce density	• Cavity-stem • Decay-stem • Decay-root flare • Dieback (moderate) • Poor branch structure
2365	Maple-Silver	35	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dieback (moderate) • Dead branches >2 • Co-dominant stems • Poor branch structure
2366	Maple-Silver	26	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (moderate) • Co-dominant stems • Poor branch structure • Dead branches >2 • Wound-stem

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2367	Maple-Silver	26	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Co-dominant stems
2368	Maple-Silver	27	Poor	Low	Sidewalk	ASAP	• Removal	• Decay-root flare • Decay-stem • Dieback (severe) • Dead branches >2
2370 *	Maple-Silver	25	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure	• Decay-stem • Dead branches >2 • Poor branch structure
2382	Maple-Silver	27	Dead	Low	Sidewalk	ASAP	• Removal	...
2388	Linden-Littleleaf	26	Good	Low	Sidewalk	ASAP	• Prune: Reduce density • Prune: Clearance • Cable: New 1	• Co-dominant stems • Included bark • Poor branch structure
2474	Maple-Silver	28	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Construction damage • Dieback (moderate) • Dead branches >2 • Cavity-stem
2521	Maple-Norway	15	Poor	Low	Sidewalk	ASAP	• Removal	• Dieback (severe) • Dead branches >2
2550	Ash-Green	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (moderate) • Dead branches >2 • Poor branch structure
2553	Maple-Silver	28	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Wound-root • Wound-stem • Dead branches >2 • Co-dominant stems • Poor branch structure • Dieback (moderate)

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2554	Maple-Silver	16	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Co-dominant stems • Poor branch structure • Dieback (moderate)
2555	Maple-Silver	16	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Poor branch structure
2563	Maple-Silver	26	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Co-dominant stems • Dead branches >2 • Broken branch(s)
2566	Maple-Silver	20	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Dieback (moderate) • Dead branches >2 • Co-dominant stems
2568	Maple-Silver	23	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Dieback (moderate) • Poor branch structure • Co-dominant stems
2573	Maple-Silver	25	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance • Prune: Clearance	• Dieback (moderate) • Dead branches >2 • Poor branch structure
2580	Linden-Littleleaf	20	Dead	Low	Sidewalk	ASAP	• Removal	...
2586	Maple-Silver	30	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Broken branch(s) • Dead branches >2 • Dieback (moderate) • Wound-root

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2601	Honeylocust-Thornless Common	24	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Co-dominant stems • Poor branch structure • Dead branches >2
2602	Honeylocust-Thornless Common	17	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dead branches >2 • Wound-root • Poor branch structure
2603	Honeylocust-Thornless Common	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Dead branches >2 • Poor branch structure
2604	Maple-Silver	19	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-stem • Wound-root • Dead branches >2 • Poor branch structure • Dieback (moderate)
2608	Maple-Norway	16	Poor	Low	Overhead lines	ASAP	• Removal	• Decay-stem
2610 *	Maple-Silver	18,17	Fair	Low	Street	ASAP	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Reduce weight of branch ends • Prune: Clearance	• Cavity-stem • Decay-stem • Co-dominant stems • Poor branch structure
2757	Honeylocust-Common	21	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dieback (severe) • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2758	Honeylocust-Common	20	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Dieback (moderate) • Dead branches >2 • Poor branch structure
2760	Oak-Northern Red	31	Good	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance • Prune: Improve appearance	• Wound-root • Dead branches >2 • Co-dominant stems • Included bark • Poor branch structure
2764	Maple-Silver	25,20	Poor	Low	Sidewalk	ASAP	• Removal	• Dead branches >2 • Co-dominant stems • Dieback (severe)
2765	Maple-Silver	28	Dead	Low	Sidewalk	ASAP	• Removal	...
2817	Maple-Silver	25	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Co-dominant stems • Poor branch structure • Dieback (moderate) • Dead branches >2
2822	Honeylocust-Thornless Common	15	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dead branches >2 • Poor branch structure
2823	Honeylocust-Thornless Common	16	Good	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• 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)
2826	Maple-Red	25	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Girdling roots present • Buried root collar • Lion tailing • Dieback (moderate) • Dead branches >2 • Co-dominant stems
2827	Maple-Sugar	15	Fair	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Decay-stem • Broken branch(s) • Dead branches >2 • Wound-root flare • Poor branch structure
2831	Tuliptree	25	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (severe) • Dead branches >2 • Poor branch structure • Hanger
2853	Maple-Sugar	16	Fair	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure • Prune: Clearance	• Wound-stem • Dead branches >2 • Poor branch structure
2906	Maple-Red	13	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Wound-root • Wound-root flare • Wound-stem • Dead branches >2 • Dieback (severe)
2916	Maple-Freeman's	20	Poor	Low	Sidewalk	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Dieback (severe) • Dead branches >2 • Wound-root • 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)
2925	Maple-Red	17	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (severe) • Dead branches >2 • Wound-root • Hanger • Co-dominant stems
2942	Maple-Red	18	Poor	Low	Street	ASAP	• Prune: Reduce risk of branch stem and/or root failure	• Cavity-stem • Decay-stem • Wound-root • Dead branches >2 • Dieback (severe)
2968	Maple-Norway	12	Dead	Low	Sidewalk	ASAP	• Removal	...
2983	Ash-Green	16	Poor	Low	Street	ASAP	• Removal	• Dead branches >2 • Dieback (severe) • Decay-stem
387	Maple-Silver	18	Poor	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Co-dominant stems • Dead branches >2
502 *	Maple-Silver	18	Good	Low	Driveway	1	• *Level 3 Advanced Assessment*: Root • Prune: Reduce size of crown	• Cut roots • Wound-root
541 *	Maple-Silver	15	Good	Low	Street	1	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce weight of branch ends • Prune: Develop branch structure	• Cavity-stem • Decay-stem • Poor branch structure
1111	Maple-Silver	29	Poor	Low	Overhead lines	1	• Removal	• Cut roots • Construction damage • Dieback (moderate)

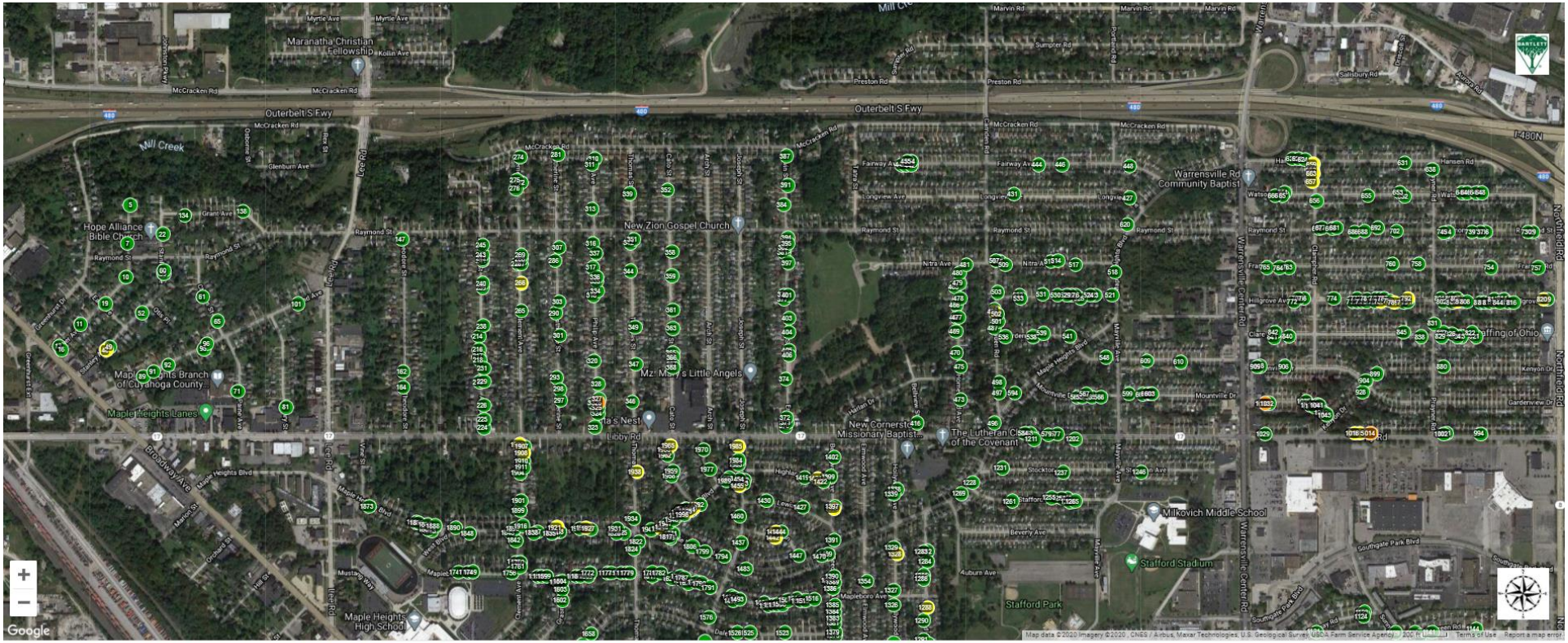
Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1129	Maple-Red	15	Poor	Low	Sidewalk	1	• Removal	• Wound-root • Wound-stem • Dieback (moderate) • Dead branches >2
1130	Maple-Norway	15	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Dead branches >2 • Poor branch structure
1153	Maple-Norway	16	Poor	Low	Street	1	• Removal	• Decay-stem • Dieback (moderate) • Poor branch structure • Wound-root
1211	Honeylocust-Thornless Common	16	Poor	Low	Sidewalk	1	• Removal	• Cut roots • Fungi/conks • Dead branches >2 • Poor branch structure
1284 *	Maple-Freeman's	14	Good	Low	Sidewalk	1	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce weight of branch ends	• Low live crown ratio • Cavity-stem • Poor branch structure
1604 *	Maple-Sugar	20	Good	Low	Building	1	• *Level 3 Advanced Assessment*: Stem • Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Construction damage • Dead branches >2 • Poor branch structure • Cavity-stem
1658	Linden-Littleleaf	12	Dead	Low	Sidewalk	1	• Removal	...

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
1826	Oak-Pin	27	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Develop branch structure	• Dead branches >2 • Poor branch structure
1953	Maple-Silver	26	Poor	Low	Sidewalk	1	• Removal	• Dead branches >2 • Broken branch(s) • Co-dominant stems
2877	Maple-Red	14	Fair	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Dieback (moderate) • Dead branches >2
2889	Maple-Red	19	Fair	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Decay-branch • Dieback (moderate) • Poor branch structure
2898	Maple-Red	15	Fair	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Wound-root • Dead branches >2 • Co-dominant stems • Poor branch structure
2926	Maple-Red	18	Fair	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Girdling roots present (severe) • Wound-root • Decay-branch • Broken branch(s)
2927	Maple-Red	17	Good	Low	Street	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Clearance	• Decay-branch • Wound-root • Poor branch structure
2930	Maple-Red	16	Fair	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Wound-root • Dieback (moderate) • Dead branches >2

Tree ID	Common Name	DBH	Condition	*Overall Tree Risk Rating*	Primary Target	Tree & Shrub Work Phase	Recommendation	Defect(s) or Observation(s)
2939	Maple-Red	15	Fair	Low	Sidewalk	1	• Prune: Reduce risk of branch stem and/or root failure • Prune: Improve appearance	• Construction damage • Decay-stem • Dieback (moderate)

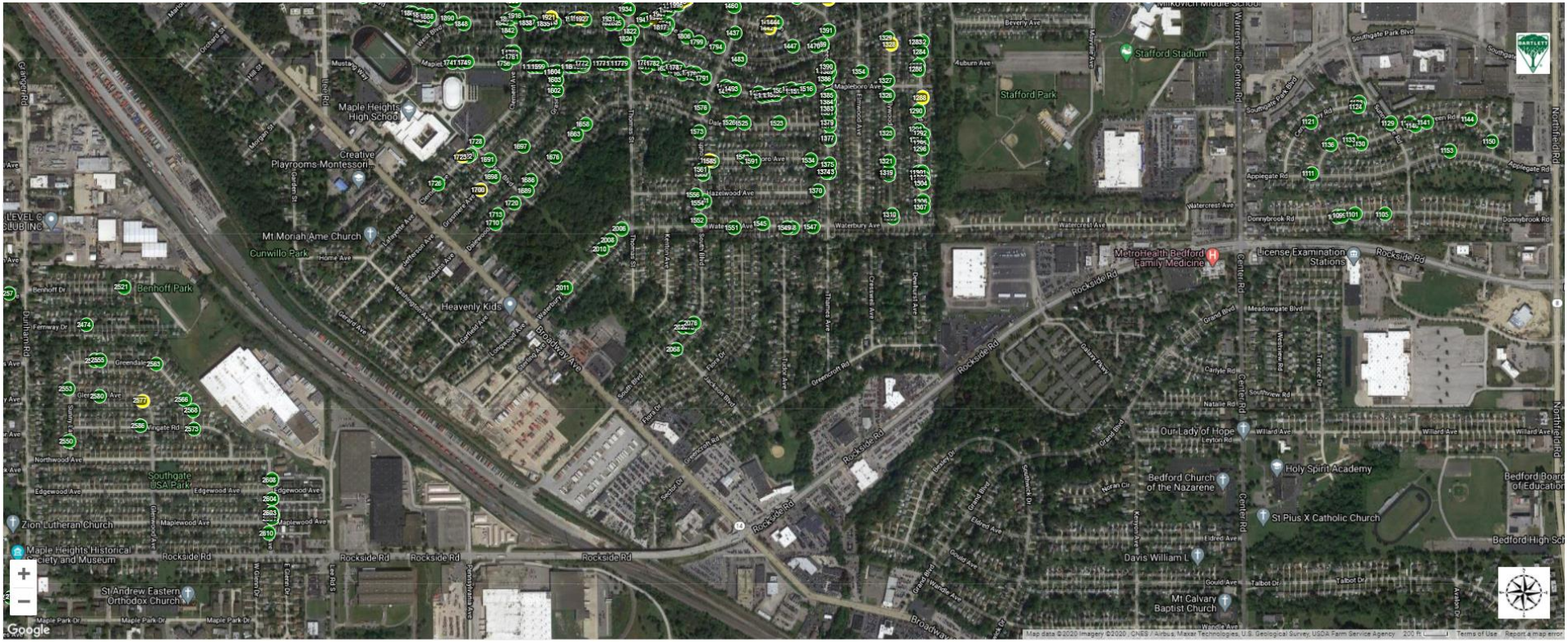
*Tree has a Mitigation Recommendation and a *Level 3 Advanced Assessment* Recommendation. Outcome of the *Level 3 Advanced assessment* will guide the final recommendations.

INVENTORIED TREES ASSIGNED *OVERALL TREE RISK RATINGS* AT THE TIME OF DATA COLLECTION



Overall Tree Risk Rating: Low Moderate High

INVENTORIED TREES ASSIGNED *OVERALL TREE RISK RATINGS* AT THE TIME OF DATA COLLECTION



Overall Tree Risk Rating: Low Moderate High

INVENTORIED TREES ASSIGNED *OVERALL TREE RISK RATINGS* AT THE TIME OF DATA COLLECTION

Overall Tree Risk Rating: Low Moderate High

The Village of North Randall has been on an economic upswing under the tenure of Mayor David Smith. His dedication to the betterment of the community is commendable. While working with him and his team, there is a desire to green the Village and reestablish the canopy in this, the municipality with the lowest Canopy percentage in Cuyahoga County (10.8%). This plan, outlining how to manage the current natural infrastructure, and implementing canopy increase strategies will bring the heavily developed community of North Randall to the forefront of Tree City USA potential.

Current Forestry Ordinances in place

Below is an outline of the current ordinances that help keep the Urban Forest healthy. As with all codes and ordinances, there are municipal specific items and differences per respective community. Also note, as with all codes and ordinances, there may be updates or additions recommended to keep our region up to date. For more details and updated explanations of the contents of these, please reference the Codified Ordinances of North Randall.

Ch. 1026.02
TREES (Powers of Inspector of Buildings)
Ch. 1026.13
Trees (Village to Treat or Remove Diseased Trees on Private Property)
Ch. 1026.04
Trees (Placing Deleterious Substances Near Trees)

Ch. 1273.02 EE
COMPREHENSIVE STORMWATER MANAGEMENT (Definitions)

Ch. 1255.11
LANDSCAPING (Landscaping Materials)
Ch. 1255.07a
Landscaping (Minimum Landscaping Requirements; Perimeter Buffer Landscaping Requirements)
Ch. 1255.07d3B
Landscaping (Minimum Laandscape Requirements; Additional Site Landscaping Requirements)
Ch. 1255.09a1C
Landscaping (Street Tree and Public Tree Requirements; Requirements for Trees Located on Village-owned Public Property)
Ch. 1255.09h

Landscaping (Street Trees and Public Tree Requirements; Removal, replanting, and replacement in public places)

Ch. 642.04
General Offenses (Injuring vines, bushes, trees or crops)

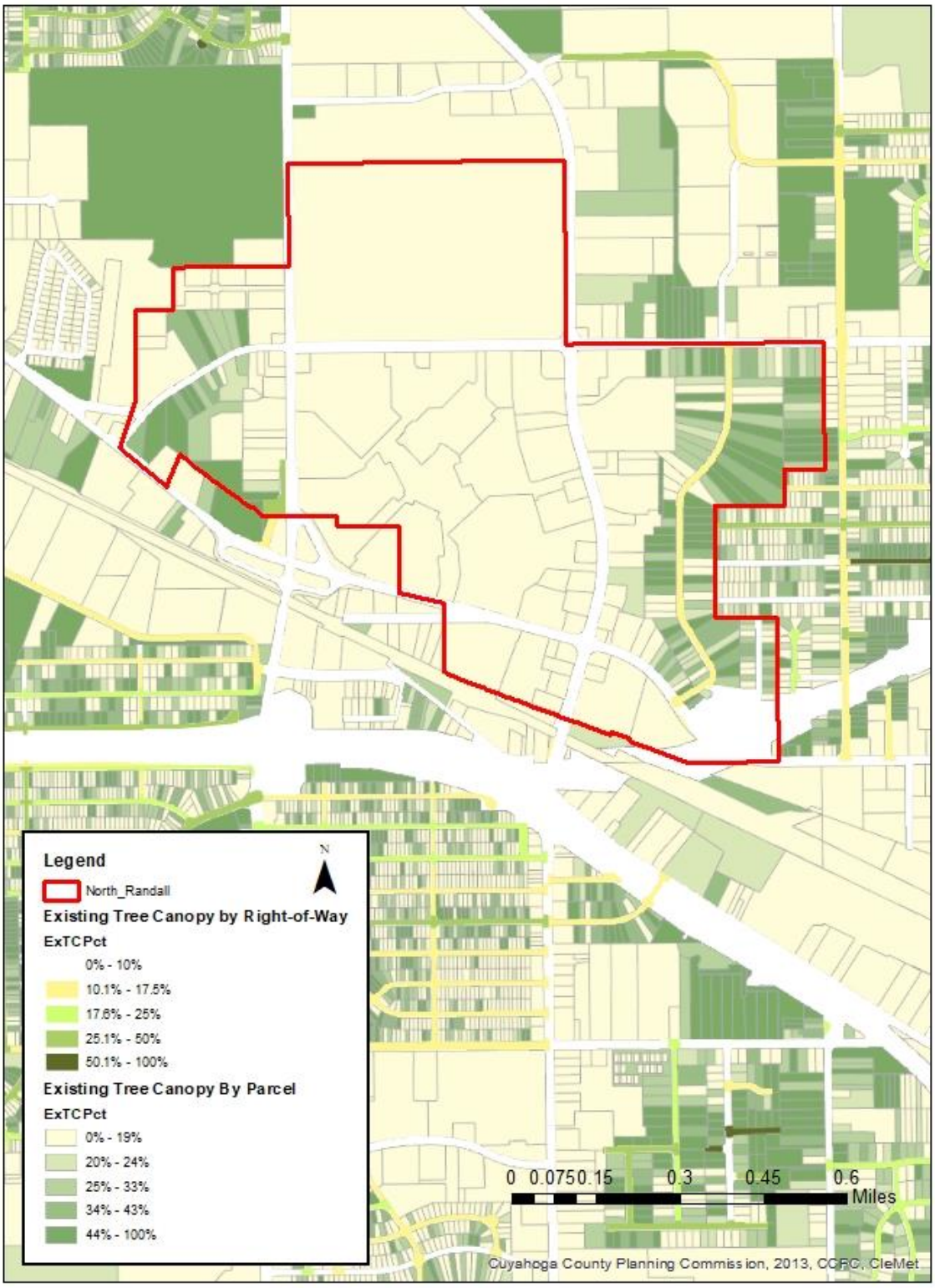
Recommendations for updates

Following APPENDIX A on guidance for an updated Tree Ordinance with a focus on the creation of a Tree Commission in the municipality is recommended to move North Randall to being designated as a Tree City USA. With editing and adopting of this type of Ordinance, partners can also help better define the Urban Forest in compliment with the currently standing Ordinances in place protecting the Urban Forest and natural resources.

It is also recommended that an industry standard 2020 Riparian Setback Ordinance is passed to protect remaining waterways in the community while still allowing for development and residential comfort.

It is encouraging to see that there are Trees, Landscaping, Stormwater and other ordinances currently in place. The structure for a strong and Healthy Tree Canopy in North Randall has a robust footing. The Mill Creek Watershed Partnership will work with North Randall to analyze these recommendations and will work with the community toward respective appropriate updates. A Sample Riparian Setback ordinance is also included in APPENDIX A following the Sample Tree Ordinance.

North Randall Existing Tree Canopy



2020 North Randall Tree Inventory

EXECUTIVE SUMMARY

During the Summer of 2020, the Bartlett Inventory Solutions (BIS) Team from Bartlett Tree Experts conducted an inventory of trees for the West Creek Conservancy of public right of way trees within the city of North Randall, OH We identified 55 trees which included 4 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 requirement for safety.

Tree Risk Assessments and Mitigation
Perform the recommended tree risk mitigation activities for the 4 trees (7%) 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.

Pruning
Prune 46 trees (84%) for safety, health, structure, and appearance. Pruning will comply with current ANSI A300 standard practices for pruning.

Removals
Remove 8 trees (15%) due to condition or because of their location in relation to other trees to try and prevent competition or damage to infrastructure.

CANOPY RECOMMENDATIONS

With the maintenance needs and Risk mitigation recommendations assessed by Bartlett Tree Experts, we recommend that implementation of this plan first rectifies the issues that were found in the field. This includes hazard tree removals, proper pruning, and other found issues. Once those are taken care of, the low biodiversity and level of canopy in the municipality prompts the planting of the “right tree/right place” for some of these replacement trees as well as planting trees on streets and public land that currently do not feature canopy cover. It is the goal of this effort to both maintain and manage the current natural infrastructure of the Village of North Randall as well as responsibly increase the canopy cover of the municipality by strategically planting the ROW trees and public land. The Mill Creek Watershed partnership will work in tandem with the Village of North Randall to ensure long-term success and vitality of the Urban Tree Forest is realized.

PLEASE SEE ARBORSCOPE APP AND ASSICIATED DOCUMENTS FULL INVENTORY FOR ENTIRE LIST OF UPDATED MUNICIPAL TREES WITHIN THE PERVUE OF THIS PLAN. TREES NOTED IN THIS DOCUMENT ARE ONES IN NEED OF ATTENTION.

Stand Dynamics

Tree Species Identified

Our inventory revealed 4 species of trees, as detailed in the following table:

TREE SPECIES IDENTIFIED

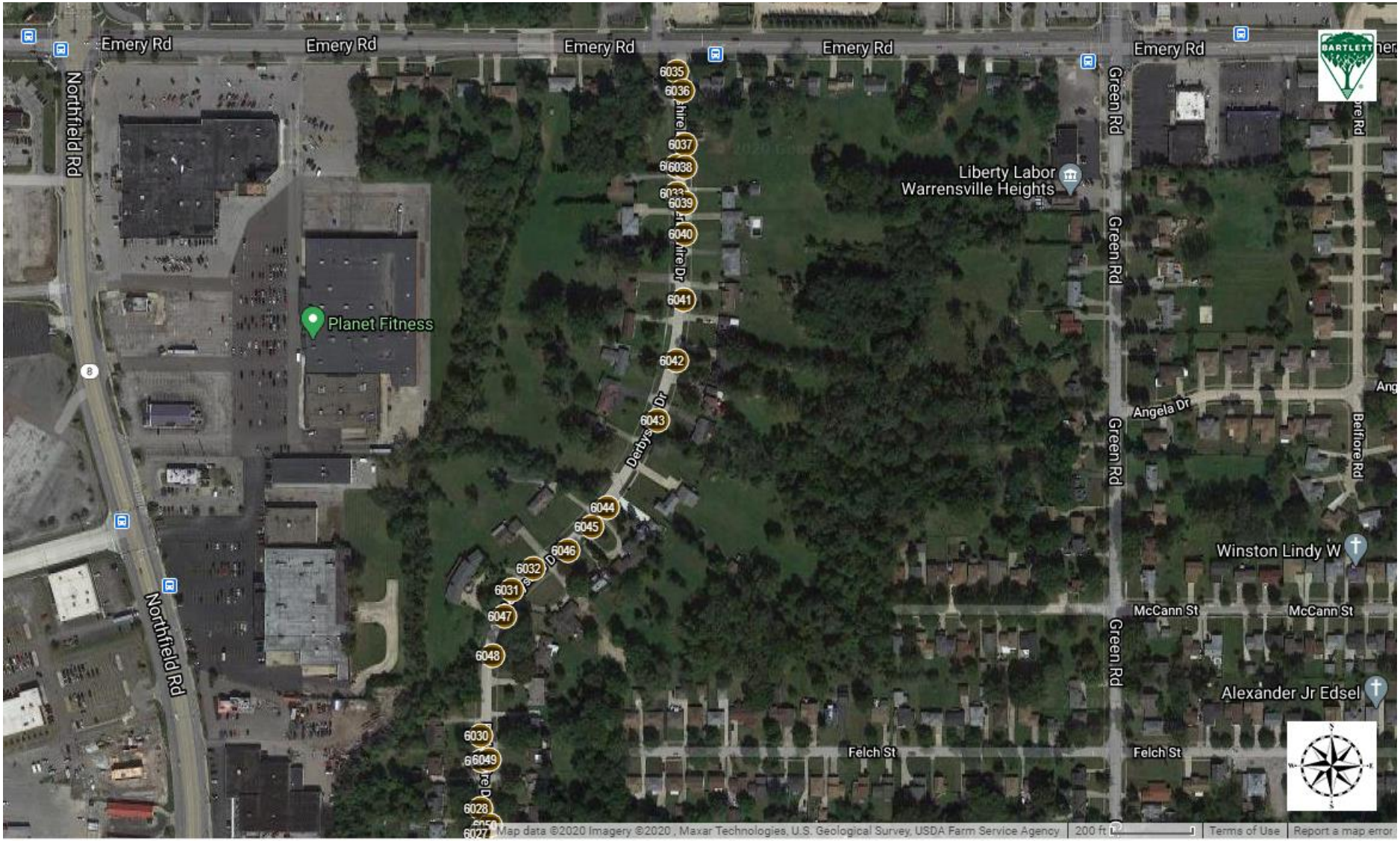
Genus	Species	Common Name	Count	% Distribution Total
Crataegus	sp.	Hawthorn	1	2%
Malus	*domestica*	Apple-Common	2	4%
	sp.	Crabapple	48	87%
***Malus* Total**			**50**	**91%**
Quercus	*rubra*	Oak-Northern Red	4	7%
Grand Total			**55**	**100%**

ENTIRE INVENTORY (55 Trees)

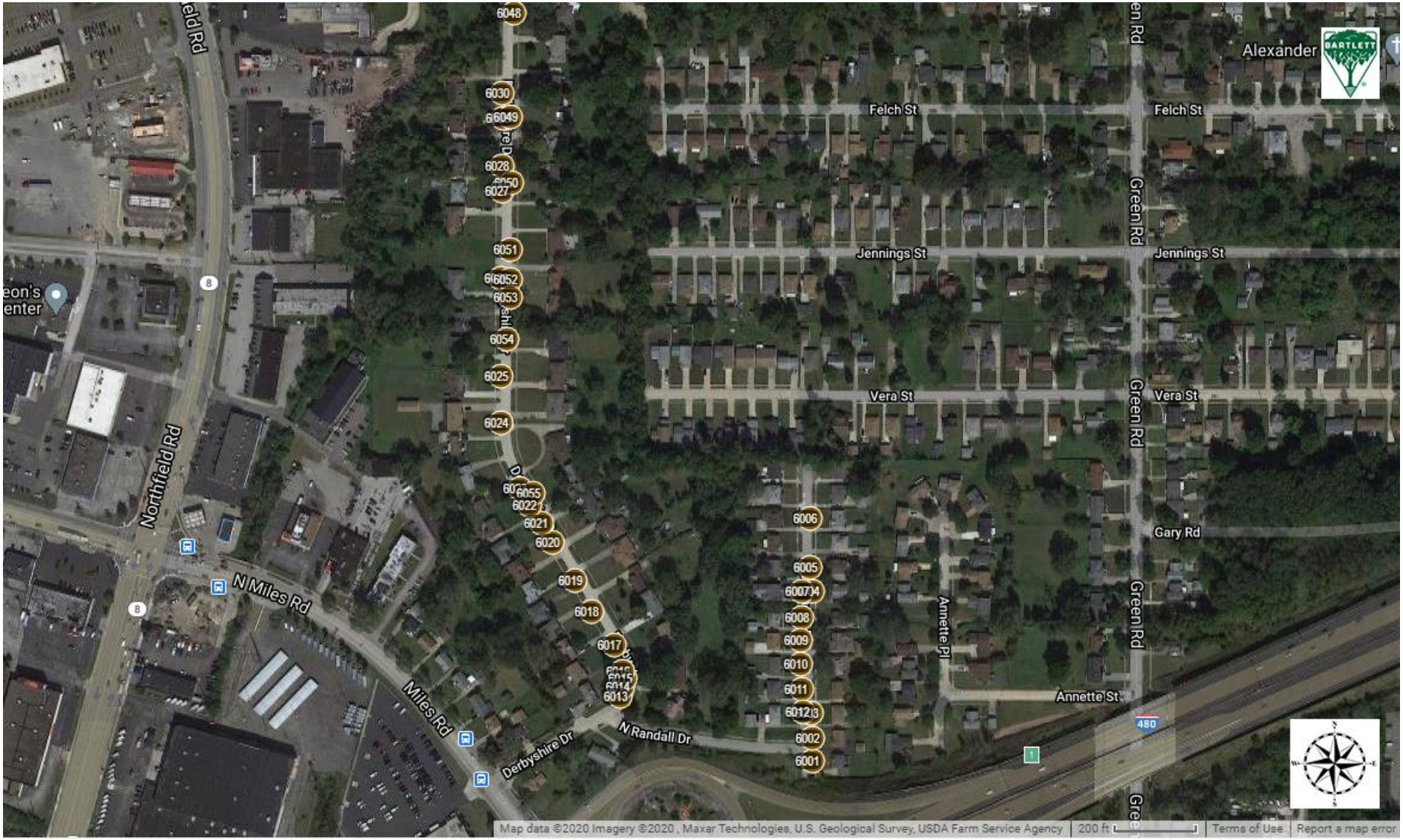
Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class
6001	Apple-Common	*Malus*	*domestica*	12,12	Medium	Mature	Fair
6002	Hawthorn	*Crataegus*	sp.	14	Medium	Mature	Fair
6003	Apple-Common	*Malus*	*domestica*	7,5,4	Small	Semi-mature	Fair
6004	Crabapple	*Malus*	sp.	7	Medium	Semi-mature	Good
6005	Crabapple	*Malus*	sp.	6	Small	Semi-mature	Fair
6006	Crabapple	*Malus*	sp.	8	Small	Semi-mature	Good
6007	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Fair
6008	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Good
6009	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Fair
6010	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Fair
6011	Crabapple	*Malus*	sp.	8	Medium	Semi-mature	Fair
6012	Crabapple	*Malus*	sp.	7,5,5,4,3,2	Medium	Semi-mature	Fair
6013	Oak-Northern Red	*Quercus*	*rubra*	33	Large	Mature	Fair
6014	Oak-Northern Red	*Quercus*	*rubra*	35	Large	Mature	Fair
6015	Oak-Northern Red	*Quercus*	*rubra*	35	Large	Mature	Fair
6016	Oak-Northern Red	*Quercus*	*rubra*	32	Large	Mature	Good
6017	Crabapple	*Malus*	sp.	7	Small	Semi-mature	Fair
6018	Crabapple	*Malus*	sp.	12	Medium	Semi-mature	Good
6019	Crabapple	*Malus*	sp.	12	Medium	Semi-mature	Fair
6020	Crabapple	*Malus*	sp.	15	Medium	Mature	Fair
6021	Crabapple	*Malus*	sp.	15	Medium	Mature	Fair
6022	Crabapple	*Malus*	sp.	8	Small	Semi-mature	Fair
6023	Crabapple	*Malus*	sp.	8	Medium	Semi-mature	Fair
6024	Crabapple	*Malus*	sp.	12	Small	Semi-mature	Fair
6025	Crabapple	*Malus*	sp.	14	Medium	Mature	Poor
6026	Crabapple	*Malus*	sp.	12	Medium	Semi-mature	Fair

Tree ID	Common Name	Genus	Species	DBH	Height Class	Age Class	Condition Class
6027	Crabapple	*Malus*	sp.	10	Small	Semi-mature	Fair
6028	Crabapple	*Malus*	sp.	4	Small	Young	Good
6029	Crabapple	*Malus*	sp.	9	Medium	Semi-mature	Fair
6030	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Fair
6031	Crabapple	*Malus*	sp.	14	Medium	Mature	Fair
6032	Crabapple	*Malus*	sp.	16	Medium	Mature	Fair
6033	Crabapple	*Malus*	sp.	6,6	Small	Semi-mature	Fair
6034	Crabapple	*Malus*	sp.	8	Small	Semi-mature	Fair
6035	Crabapple	*Malus*	sp.	15	Medium	Mature	Fair
6036	Crabapple	*Malus*	sp.	14	Medium	Mature	Poor
6037	Crabapple	*Malus*	sp.	8	Small	Semi-mature	Poor
6038	Crabapple	*Malus*	sp.	12	Small	Semi-mature	Poor
6039	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Good
6040	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Fair
6041	Crabapple	*Malus*	sp.	12	Medium	Semi-mature	Fair
6042	Crabapple	*Malus*	sp.	12	Medium	Semi-mature	Fair
6043	Crabapple	*Malus*	sp.	12	Medium	Semi-mature	Poor
6044	Crabapple	*Malus*	sp.	14	Medium	Mature	Fair
6045	Crabapple	*Malus*	sp.	14	Medium	Mature	Fair
6046	Crabapple	*Malus*	sp.	8	Small	Semi-mature	Poor
6047	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Fair
6048	Crabapple	*Malus*	sp.	8	Medium	Semi-mature	Fair
6049	Crabapple	*Malus*	sp.	12	Medium	Semi-mature	Fair
6050	Crabapple	*Malus*	sp.	14	Medium	Semi-mature	Fair
6051	Crabapple	*Malus*	sp.	15	Medium	Mature	Good
6052	Crabapple	*Malus*	sp.	7	Medium	Semi-mature	Good
6053	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Poor
6054	Crabapple	*Malus*	sp.	12	Medium	Semi-mature	Fair
6055	Crabapple	*Malus*	sp.	10	Medium	Semi-mature	Good

ENTIRE INVENTORY



ENTIRE INVENTORY



APPENDIX A

Sample Tree Ordinance *_to be designed for specific municipal needs_*

The sample ordinance was designed for use in Midwestern communities of average population. The ordinance that your community ultimately develops should be designed to fit its specific needs.

SAMPLE
CITY
TREE ORDINANCE

Be it ordained by the City Commission of the City of:

(City)
_____
_____

(State) _____

Section 1. Definitions

Street trees: "Street trees" are herein defined as trees, shrubs, bushes, and all other woody vegetation on land lying between property lines on either side of all streets, avenues, or ways within the City.

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

Section 2. Creation and Establishment of a City Tree Board

There is hereby created and established a City Tree Board for the City of:

(City)
_____
_____

(State) _____

which shall consist of five members, citizens and residents of this city, who shall be appointed by the mayor with the approval of the Commission.

Section 3. Term of Office

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

Section 4. Compensation

Members of the board shall serve without compensation.

Section 5, Duties and Responsibilities

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

(City)
_____
_____

(State) _____

The Board, when requested by the City Commission, shall consider, investigate, make finding, report and recommend upon any special matter of question coming within the scope of its work.

Section 6. Operation

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

Section 7. Street Tree Species to be

Planted The following list constitutes the official Street Tree species for:

(City)
_____
_____

(State)
_____No species other than those included in this list may be planted as Street Trees without written permission of the City Tree Board.

SMALL TREES	MEDIUM TREES	LARGE TREES
Apricot Crabapple, Flowering (sp) Golden Rain Tree Hawthorne (sp.) Pear, Bradford Redbud Soapberry Lilac, Jap. Tree Peach, Flowering Plum, Purpleleaf Serviceberry	Ash, Green Hackberry Honeylocust (thornless) Linden or Basswood (sp.) Mulberry, Red (fruitless, male) Oak, English Oak, Red Pagodatree, Japanese Pecan Birch, River Osageorange (Male, thornless) Persimmon Poplar, White Sassafras	Coffeetree, Kentucky Maple, Silver Maple, Sugar Oak, Bur Sycamore Sycamore, London plantree Cottonwood (Cottonless, male)

* ***Please note:*** *The above species are offered as size-class examples only and may not be suitable for planting in your area. Please check with local sources to develop a species list for your area.*

Section 8. Spacing

The spacing of Street Trees will be in accordance with the three species size classes listed in Section 7 of this ordinance, and no trees may be planted closer together than the following: Small Trees, 30 feet; Medium Trees, 40 feet; and Large Trees, 50 feet; except in special plantings designed or approved by a landscape architect.

Section 9. Distance from Curb and Sidewalk

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

Section 10. Distance from Street Corners and Fireplugs

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

Section 11. Utilities

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

Section 12. Public Tree Care

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

The City Tree Board may remove or cause or order to be removed, any tree or part thereof which is in an unsafe condition or which by reason of its nature is injurious to sewers, electric power lines, gas lines, water lines, or other public improvements, or is affected with any injurious fungus, insect or other pest. This Section does not prohibit the planting of Street Trees by adjacent property owners providing that the selection and location of said trees is in accordance with Sections 7 through 11 of this ordinance.

Section 13. Tree Topping

It shall be unlawful as a normal practice for any person, firm, or city department to top any Street Tree, Park Tree, or other tree on public property. Topping is defined as the severe cutting back of limbs to stubs larger than three inches in diameter within the tree's crown to such a degree so as to remove the normal canopy and disfigure the tree. Trees severely damaged by storms or other causes, or certain trees under utility wires or other obstructions where other pruning practices are impractical may be exempted from this ordinance at the determination of the City Tree Board.

Section 14. Pruning, Corner Clearance

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

Section 15. Dead or Diseased Tree Removal on Private Property

The City shall have the right to cause the removal of any dead or diseased trees on private property within the city, when such trees constitute a hazard to life and property, or harbor insects or disease which constitute a potential threat to other trees within the city. The City Tree Board will notify in writing the owners of such trees. Removal shall be done by said owners at their own expense within sixty days after the date of service of notice. In the event of failure of owners to comply with such provisions, the City shall have the authority to remove such trees and charge the cost of removal on the owner's property tax notice.

Section 16. Removal of Stumps

All stumps of street and park trees shall be removed below the surface of the ground so that the top of the stump shall not project above the surface of the ground.

Section 17. Interference with City Tree Board

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

Section 18. Arborists License and Bond

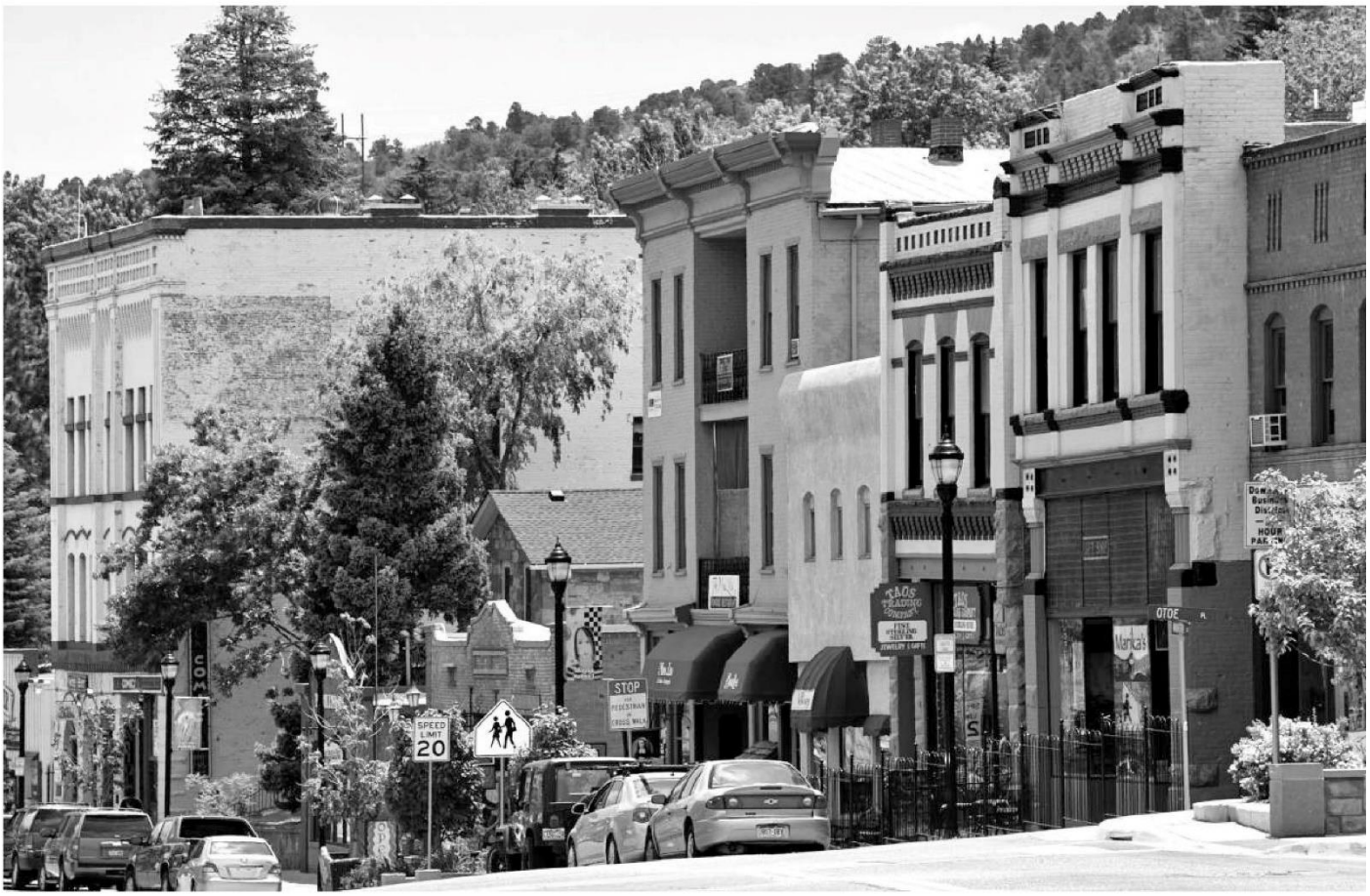
It shall be unlawful for any person or firm to engage in the business or occupation of pruning, treating, or I en-loving street or park trees within the City without first applying for and procuring a license. The license fee shall be $25 annually in advance; provided, however, that no license shall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

Section 19. Review by City Commission The City Commission shall have the right to review the conduct, acts and decisions of the City Tree Board. Any person may appeal from any ruling or order of the City Tree Board to the City Commission who may hear the matter and make final decision. Section 20. Penalty

Any person violating any provision of this ordinance shall be, upon conviction or a plea of guilty, subject to a fine not to exceed $

TREE CITY USA® BULLETIN No. 9 Editor: Dr. James R. Fazio • $3.00

How to Write a Municipal Tree Ordinance



Tree City USA is a powerful force for the promotion of tree care and urban forestry. It is a program that has caught the imagination of citizens, elected officials, and urban tree professionals. More than 3,300 communities now fly the flag of accomplishment, a composite area that is home to some 137 million Americans.

At the heart of the Tree City USA program are four basic requirements:

> The community must have (1) a tree board or department, (2) an annual community forestry program backed by the expenditure of at least $2 per capita for trees and tree care, (3) an annual Arbor Day proclamation and observance, and (4) a tree care ordinance.

In this special issue of Tree City USA Bulletin, sections of a model ordinance are presented, explained, and illustrated with actual examples. Not every section will be appropriate to all communities, and there are others in use that are not included in this general coverage of the topic.

The purpose of this issue is to encourage all citizens to support their town having an appropriate, current tree ordinance and to provide a starting point for thousands of communities to create or enhance an existing ordinance. Although an ordinance is only as good as the administrative program that backs it up — including support for education and, when necessary, enforcement — a municipal tree ordinance and involvement in the Tree City USA program are giant strides in the direction of healthier urban trees and a quality environment.

Arbor Day Foundation®
100 Arbor Avenue • Nebraska City, NE 68410

Woods for Watersheds • A Guide for Communities

In this guide:

- **The economic, environmental, physical and psychological benefits of your community forest**
- **The community forest as part of your stormwater and water quality management infrastructure**
- **Practices for planting, preserving, protecting and maintaining community trees**
- **Using building and zoning codes to support community forestry efforts**
- **Tips, tools and resources**

Yes, money *does* grow on trees: the economic benefits of a healthy forest

Your trees are the only parts of your community's infrastructure that grow in value from year to year. And, unlike most parts of your built infrastructure, they don't just perform one function.

Boosting your Bottom Line - Trees raise revenue for your community. Street trees increase property values, which means improved property tax revenue.

Trees are Business Builders - Research shows that shoppers will spend more time, and more money, at retail areas with trees and shaded parking than they will at areas without trees. [1]

A Dollar Saved is a Dollar Earned - Trees reduce operating expenses through cost avoidance:

- Shade from trees extends the life of paved surfaces, reducing the need to repave as frequently.
- Trees interrupt runoff and absorb stormwater, reducing the need for costly "grey" stormwater infrastructure, and they reduce stress on existing infrastructure, extending its useful life. One 18-inch-diameter maple can absorb 2,000 gallons of stormwater each year.[2]
- Trees reduce energy costs when they are placed so as to shade buildings in summer and block winds in winter.
- Trees reduce fuel costs. Fleet vehicles parked in shade or sheltered locations use less fuel to cool down in summer and warm up in winter.
- Trees reduce watering expenses. Established trees need less water than lawns, and their shade can reduce the water needs of other landscape plants.
- Trees can reduce personnel costs and employee absences, and increase productivity, as they improve employee health, reduce stress and contribute to a general sense of well-being.

TIP

SHOW AND TELL

Show your residents the value of their trees by hanging price tags on them.

You can find good tree benefit calculators at treebenefits.com and itreetools.org.

Invest in your forest. Trees make safer, healthier, happier communities

Trees Reduce Crime - Urban areas with lots of greenery have less crime than those without trees.[3]

Trees Improve Health - They capture air pollution and reduce the incidence of asthma and respiratory disease. Patients with views of greenery heal faster and have better outcomes than those without.[4] Trees reduce stress in all settings.

Shade helps reduce incidents of skin cancer.

The cooling effects of tree-lined streets and shaded walkways allows residents to get outside and exercise more, leading to a higher level of community health overall.

Trees Improve Learning and Behavior - They improve self-discipline, especially in girls,[5] and relieve symptoms of ADHD.[6]

Trees Foster Community Ties - Neighborhoods with abundant trees feel safer and residents interact more than those without trees.

Trees Provide Habitat - Trees provide nesting sites for native birds and resting spots for migratory birds, which allows us to experience nature first hand.

Trees are good for people and communities. Have you ever heard anyone say "I'm going outside to read a book in the blazing sun?" As summers get hotter, people are more likely to stay inside with air conditioning unless the outside environment offers cooling shade. This contributes to isolation and keeps people from connecting with each other.

Energy costs continue to rise, meaning that people reduce their air conditioning usage to save money. At the same time, heat waves become threats to our health, especially to the oldest and youngest of our residents. Trees are nature's air conditioners, providing shade and moisture to cool our cities.

Considering all the benefits we receive from our forest canopy, it makes sense to keep the protection, improvement and maintenance of these assets high on our list of priorities.

[1] *Center for Urban Horticulture, University of Washington*
[2] *i-tree streets*
[3] *Kuo&Sullivan, Univ. of Illinois*
[4] *Ulrich, Science, 1984,1985*
[5&6] *Taylor,Kuo&Sullivan, Journal of Environmental Psychology; Environment & Behavior.*

TOOLS & RESOURCES

www.cuyahogareleaf.org
www.ACTrees.org
www.americanforests.org
www.naturewithin.info
www.treesaregood.com
www.arborday.org
www.itreetools.org
www.treebenefits.com

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DRAFT ORDINANCE FOR THE ESTABLISHMENT OF RIPARIAN SETBACKS

WHEREAS, flooding is a significant threat to property and public health and safety, and vegetated riparian areas lessen the damage from flooding by slowing the water velocity, enabling water to soak into the ground, and by providing temporary storage of overbank flood flow; and,

WHEREAS, streambank erosion is a significant threat to property and public health and safety, and vegetated riparian areas stabilize streambanks and provide resistance to erosive forces both within streams and on adjacent lands; and,

WHEREAS, the protection of riparian areas results in the presence of plants best suited to each individual environment along a stream, with proven capability for survival and regeneration at no cost; and,

WHEREAS, vegetated riparian areas filter and trap sediments, chemicals, salts, septic discharge, and other pollutants from runoff and floodwaters, thus protecting surface and ground water quality; and,

WHEREAS, vegetated riparian areas can provide a dense tree canopy that helps to maintain and improve the stability of watercourse temperatures, thus protecting aquatic ecosystems, and helps to reduce the presence of aquatic nuisance species; and, **WHEREAS**, the protection of riparian areas can result in a diverse and interconnected riparian corridor that provides habitat to a wide array of wildlife; and,

WHEREAS, the woody debris from fallen, damaged, and cut trees increases flood levels and damage to bridges in the ***COMMUNITY NAME*** and neighboring communities; and,

WHEREAS, sedimentation of eroded soil adversely affects aquatic communities and incurs removal costs to downstream communities; and,

WHEREAS, there are watershed-wide efforts to minimize flooding and streambank erosion in the ***WATERSHED NAME*** watersheds and to protect and enhance the water resources of the Cuyahoga River and its tributaries, and the ***COMMUNITY NAME*** recognizes its obligation as a part of these watersheds to minimize flooding and streambank erosion by controlling runoff within its borders; and,

WHEREAS, West Creek Conservancy; the Chagrin River Watershed Partners, Inc.; the Cuyahoga Soil and Water Conservation District; the Northeast Ohio Regional Sewer District; the Natural Resource Conservation Service of the U.S. Department of Agriculture; the Northeast Ohio Areawide Coordinating Agency; the Ohio Department of Natural Resources, Division of Natural Areas and Preserves; the Ohio Environmental Protection Agency; and the U.S. Environmental Protection Agency recommend riparian setbacks as a valuable tool in an overall management program for flood risk reduction, erosion control, water quality control, and aquatic habitat protection; and,

WHEREAS, studies undertaken by, and reviewed by, the Ohio Environmental Protection Agency and other independent scientific bodies recommend the minimum widths for riparian setbacks; and,

WHEREAS, the Council of the ***COMMUNITY NAME*** has reviewed and adopted the recommendations of the above government agencies, and the Council finds that in order to minimize encroachment on watercourses and the need for costly engineering solutions to protect structures and reduce property damage and threats to the safety of watershed residents; to protect and enhance the scenic beauty of the ***COMMUNITY NAME***; and to preserve the character of the ***COMMUNITY NAME***, the quality of life of the residents of the ***COMMUNITY NAME***, and corresponding property values, it is necessary and appropriate to regulate structures and uses within a riparian setback along the banks of designated watercourses in the ***COMMUNITY NAME***; and,

WHEREAS, Article XVIII, Section 3 of the Ohio Constitution grants municipalities the legal authority to adopt land use and control measures for promoting the peace, health, safety, and general welfare of its citizens; and,

WHEREAS, 40 C.F.R. Parts 9, 122, 123, and 124, referred to as NPDES Storm Water Phase II, require designated communities, including the ***COMMUNITY NAME***, to develop a Storm Water Management Program to address the quality of storm water runoff during and after soil disturbing activities.

NOW, THEREFORE, BE IT ORDAINED by the Council of the ***COMMUNITY NAME***, County of Cuyahoga, State of Ohio, that:

SECTION 1: Codified Ordinance ***Chapter XXXX Riparian Setbacks***, is hereby adopted to read in total as follows:

CHAPTER XXXXX

RIPARIAN SETBACKS

***XXXX*.01 PURPOSE AND SCOPE**

It is hereby determined that the system of rivers, streams, and other natural watercourses within the ***COMMUNITY NAME*** contributes to the health, safety, and general welfare of the residents of the ***COMMUNITY NAME***. The specific purpose and intent of this regulation is to regulate uses and developments within riparian setbacks that would impair the ability of riparian areas to:

Reduce flood impacts by absorbing peak flows, slowing the velocity of flood waters, and regulating base flow.

Assist stabilizing the banks of watercourses to reduce woody debris from fallen or damaged trees, streambank erosion, and the downstream transport of sediments eroded from watercourse banks.

Reduce pollutants in watercourses during periods of high flows by filtering, settling, and transforming pollutants already present in watercourses.

Reduce pollutants in watercourses by filtering, settling, and transforming pollutants in runoff before they enter watercourses.

Provide watercourse habitats with shade and food.

Reduce the presence of aquatic nuisance species to maintain a diverse aquatic system.

Provide habitat to a wide array of wildlife by maintaining diverse and connected riparian vegetation.

Benefit the ***COMMUNITY NAME*** by minimizing encroachment on watercourse channels and the need for costly engineering solutions such as gabion baskets and rip rap to protect structures and reduce property damage and threats to the safety of watershed residents; and by contributing to the scenic beauty and environment of the ***COMMUNITY NAME***, and thereby preserving the character of the ***COMMUNITY NAME***, the quality of life of the residents of the ***COMMUNITY NAME***, and corresponding property values.

B. The following regulation has been enacted to protect and enhance these functions of riparian areas by providing reasonable controls governing structures and uses within a riparian setback along designated watercourses in the ***COMMUNITY NAME***.

***XXXX*.02 APPLICABILITY, COMPLIANCE & VIOLATIONS**

This regulation shall apply to all zoning districts.

This regulation shall apply to all structures and uses on lands containing a designated watercourse as defined in this regulation, except as provided herein.

No approvals or permits shall be issued by the ***COMMUNITY NAME*** without full compliance with the terms of this regulation.

***XXXX*.03 CONFLICTS WITH OTHER REGULATIONS & SEVERABILITY**

Where this regulation imposes a greater restriction upon land than is imposed or required by any other provision of law, regulation, contract, or deed, the provisions of this regulation shall control.

This regulation shall not limit or restrict the application of other provisions of law, regulation, contract, or deed, or the legal remedies available thereunder, except as provided in ***Section XXXX.03 (A)*** of this regulation.

If any clause, section, or provision of this regulation is declared invalid or unconstitutional by a court of competent jurisdiction, validity of the remainder shall not be affected thereby.

***XXXX*.04 DEFINITIONS**

For the purpose of this regulation, the following terms shall have the meaning herein indicated:

COMMUNITY: Throughout this regulation, this shall refer to the ***COMMUNITY NAME*** or its designated representatives, boards, or commissions.

DAMAGED OR DISEASED TREES: Trees that have split trunks; broken tops; heart rot; insect or fungus problems that will lead to imminent death; undercut root systems that put the tree in imminent danger of falling; lean as a result of root failure that puts the tree in imminent danger of falling; or any other condition that puts the tree in imminent danger of being uprooted or falling into or along a watercourse or onto a structure.

DESIGNATED WATERCOURSE: A watercourse within the ***COMMUNITY NAME*** that is in conformity with the criteria set forth in this regulation.

FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA): The agency with overall responsibility for administering the National Flood Insurance Program.

IMPERVIOUS COVER: Any paved, hardened, or structural surface regardless of its composition including but not limited to buildings, roads, driveways, parking lots, loading/unloading areas, decks, patios, and swimming pools.

IN-LINE POND: A permanent pool of water created by impounding a designated watercourse.

NOXIOUS WEED: Any plant species defined by the Ohio Department of Agriculture as a "noxious weed" and listed as such by the Department. For the purposes of this regulation, the most recent version of this list at the time of application of this regulation shall prevail.

100-YEAR FLOODPLAIN: Any land susceptible to being inundated by water from a base flood. The base flood is the flood that has a one percent or greater chance of being equaled or exceeded in any given year.

OHIO ENVIRONMENTAL PROTECTION AGENCY: Referred throughout this regulation as the "Ohio EPA."

ORDINARY HIGH WATER MARK: The point of the bank or shore to which the presence and action of surface water is so continuous as to leave a district marked by erosion, destruction or prevention of woody terrestrial vegetation, predominance of aquatic vegetation, or other easily recognized characteristic. The ordinary high water mark defines the bed of a watercourse.

RIPARIAN AREA: Land adjacent to watercourses that, if appropriately sized, helps to stabilize streambanks, limit erosion, reduce flood size flows, and/or filter and settle out runoff pollutants, or performs other functions consistent with the purposes of this regulation.

RIPARIAN SETBACK: The real property adjacent to a designated watercourse located in the area defined by the criteria set forth in this regulation.

SOIL AND WATER CONSERVATION DISTRICT: An entity organized under Chapter 1515 of the Ohio Revised Code referring to either the Soil and Water Conservation District Board or its designated employee(s), hereinafter referred to as Cuyahoga SWCD.

SOIL DISTURBING ACTIVITY: Clearing, grading, excavating, filling, or other alteration of the earth's surface where natural or human made ground cover is destroyed and which may result in, or contribute to, erosion and sediment pollution.

SUBSTANTIAL DAMAGE: Damage of any origin sustained by a structure whereby the cost of restoring the structure to its before damaged condition would be equal to, or would exceed, 50% of the market value of the structure before the damage occurred.

WATERCOURSE: Any brook, channel, creek, river, or stream having banks, a defined bed, and a definite direction of flow, either continuously or intermittently flowing.

WETLAND: Those areas that are inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions, including swamps, marshes, bogs, and similar areas. (40 CFR 232, as amended).

***XXXX*.05 ESTABLISHMENT OF DESIGNATED WATERCOURSES AND RIPARIAN SETBACKS**

Designated watercourses shall include those watercourses meeting any ONE of the following criteria:

All watercourses draining an area greater than ½ square mile, OR

All watercourses draining an area less than ½ square mile and having a defined bed and bank. In determining if watercourses have a defined bed and bank, ***COMMUNITY NAME*** may consult with a representative of the Cuyahoga SWCD or other technical experts as necessary. Any costs associated with such consultations may be assessed to the applicant.

Riparian setbacks on designated watercourses are established as follows:

A minimum of 300 feet on either side of all watercourses draining an area greater than 300 square miles.

A minimum of 120 feet on either side of all watercourses draining an area greater than 20 square miles and up to 300 square miles.

A minimum of 75 feet on either side of all watercourses draining an area greater than ½ square mile and up to 20 square miles.

A minimum of 25 feet on either side of all watercourses draining an area less than ½ square mile and having a defined bed and bank as determined by the ***COMMUNITY NAME*** in ***Section XXXX.05*** of this regulation.

Riparian Setback Guide Map. The ***COMMUNITY NAME*** shall create a guide map identifying designated watercourses and their riparian setbacks. Said guide map is attached hereto and made part of this regulation and is identified as Exhibit A. The following shall apply to the Riparian Setback Guide Map:

It shall be used as a reference document and the information contained therein shall be believed to be accurate.

It shall be a guide only.

Nothing herein shall prevent the ***COMMUNITY NAME*** from amending the Riparian Setback Guide Map from time to time as may be necessary.

If any discrepancy is found between the Riparian Setback Guide Map and this regulation, the criteria set forth in ***Section XXXX.05 (A) and (B)*** shall prevail.

D. The following conditions shall apply in riparian setbacks:

Riparian setbacks shall be measured in a horizontal direction outward from the ordinary high water mark of each designated watercourse, except for in-line ponds as addressed in Section XXXX.05.

Except as otherwise provided in this regulation, riparian setbacks shall be preserved in their natural state.

Where the 100-year floodplain is wider than a minimum riparian setback on either or both sides of a designated watercourse, the minimum riparian setback shall be extended to the outer edge of the 100-year floodplain. The 100-year floodplain shall be defined by FEMA. If a FEMA defined floodplain does not exist for a designated watercourse, the ***COMMUNITY NAME*** may require a site-specific floodplain delineation in conformance with standard engineering practices and approved by the ***COMMUNITY NAME***. Any costs associated with reviewing this site-specific floodplain delineation may be assessed to the applicant.

Where a wetland is identified within a minimum riparian setback, the minimum riparian setback width shall be extended to the outermost boundary of the wetland. In addition, wetlands within riparian setbacks shall be protected to the extent detailed in the ***COMMUNITY NAME***'s Wetland Setback Ordinance (Chapter XXXX). Wetlands shall be delineated through a site survey prepared by a qualified wetlands professional retained by the landowner using delineation protocols accepted by the U.S. Army Corps of Engineers at the time an application is made under this regulation. Any costs associated with reviewing these delineations may be assessed by the ***COMMUNITY NAME*** to the applicant.

The minimum riparian setback on an in-line pond existing at the time of application of this regulation shall be measured from the ordinary high water mark of the designated watercourse as it enters said pond and through the impoundment along the centerline of the designated watercourse as it flows through the in-line pond. Riparian setbacks on in-line ponds existing at the time an application is made under this regulation shall be expanded to include wetlands and floodplains as detailed in Section XXXX.05. The creation of new in-line impoundments shall not be permitted under these regulations.

***XXXX*.06 APPLICATIONS AND SITE PLANS**

The applicant shall be responsible for delineating riparian setbacks as required by this regulation and shall identify such setbacks on a site plan included with all subdivision plans, land development plans, and/or zoning permit applications submitted to the ***COMMUNITY NAME***. The site plan shall be prepared by a professional engineer, surveyor, landscape architect, or such other qualified professional as determined by the ***COMMUNITY NAME*** and shall be based on a survey of the affected land. Two (2) copies of the site plan shall be submitted. The site plans shall include the following information:

The boundaries of the lot with dimensions.

The locations of all designated watercourses.

The limits, with dimensions, of the riparian setbacks.

The existing topography at intervals of two (2) feet.

The location and dimensions of any proposed structures or uses, including proposed soil disturbance, in relationship to all designated watercourses.

North arrow, scale, date, and stamp bearing the name and registration number of the qualified professional who prepared the site plan.

Other such information as may be necessary for the ***COMMUNITY NAME*** to ensure compliance with this regulation.

The ***COMMUNITY NAME*** may, in reviewing the site plan, consult with the Cuyahoga SWCD or other such experts. Any costs associated with this review may be assessed to the applicant.

If soil disturbing activities will occur within 50 feet of the outer boundary of the applicable riparian setback as specified in this regulation, the riparian setback shall be clearly identified by the applicant on site with construction fencing as shown on the site plan. Such identification shall be completed prior to the initiation of any soil disturbing activities and shall be maintained throughout soil disturbing activities.

No approvals or permits shall be issued by the ***COMMUNITY NAME*** prior to identification of riparian setbacks on the affected land in conformance with this regulation.

XXXX.07 USES PERMITTED IN RIPARIAN SETBACKS

By Right Uses Without a Permit. Open space uses that are passive in character shall be permitted in riparian setbacks, including, but not limited to, those listed in this regulation. No use permitted under this regulation shall be construed as allowing trespass on privately held lands.

Recreational Activity. Hiking, fishing, hunting, picnicking, and similar passive recreational uses, as permitted by federal, state, and local laws.

Removal of Damaged or Diseased Trees. Damaged or diseased trees may be removed.

Revegetation and/or Reforestation. Riparian setbacks may be revegetated and/or reforested with native, noninvasive plant species.

B. By Conditional Use Permit Granted by the Planning Commission: When granting Conditional Use Permits for the following uses, the Planning Commission may, for good cause, attach such conditions as it deems appropriate. Permits issued under this regulation are issued to the applicant only, shall not be transferred, and shall be void if not implemented within one (1) year of issuance.

Crossings: Crossings of designated watercourses through riparian setbacks with roads, driveways, easements, bridges, culverts, utility service lines, or other means may be permitted provided such crossings minimize disturbance in riparian setbacks and mitigate any necessary disturbances. Such crossings shall only be undertaken upon approval of a Crossing Plan by the Planning Commission. Any costs associated with review of Crossing Plans may be assessed to the applicant.

If work will occur below the ordinary high water mark of the designated watercourse, proof of compliance with the applicable conditions of a US Army Corps of Engineers Section 404 Permit (either a Nationwide Permit, including the Ohio State Certification Special Conditions and Limitations, or an Individual Permit, including Ohio 401 water quality certification), shall also be provided to the ***COMMUNITY NAME***. Proof of compliance shall be the following:

A site plan showing that any proposed crossing conforms to the general and special conditions of the applicable Nationwide Permit, or

A copy of the authorization letter from the U.S. Army Corps of Engineers approving activities under the applicable Nationwide Permit, or

A copy of the authorization letter from the U.S. Army Corps of Engineers approving activities under an Individual Permit.

Streambank Stabilization Projects. Streambank stabilization projects along designated watercourses may be allowed, provided that such measures are ecologically compatible and substantially utilize natural materials and native plant species to the maximum extent practicable. Such streambank stabilization measures shall only be undertaken upon approval of a Streambank Stabilization Plan by the Planning Commission. Any costs associated with review of Streambank Stabilization Plans may be assessed to the applicant.

If streambank stabilization work is proposed below the ordinary high water mark of the designated watercourse, proof of compliance with the applicable conditions of a US Army Corps of Engineers Section 404 Permit (either a Nationwide Permit, including the Ohio State Certification Special Conditions and Limitations, or an Individual Permit, including Ohio 401 water quality certification) shall be provided to the ***COMMUNITY NAME***. Proof of compliance shall be the following:

A site plan showing that any proposed crossing conforms to the general and special conditions of the applicable Nationwide Permit, or

A copy of the authorization letter from the U.S. Army Corps of Engineers approving activities under the applicable Nationwide Permit, or,

A copy of the authorization letter from the U.S. Army Corps of Engineers approving activities under an Individual Permit.

Landscaping: The removal of natural vegetation within a riparian setback and the subsequent cultivation of lawns, landscaping, shrubbery, or trees may be allowed provided that such cultivation is done in conformance with a Landscaping Plan approved by the Planning Commission. Any costs associated with review of Landscaping Plans may be assessed to the applicant. Landscaping Plans shall meet the following criteria:

Maintain trees in the riparian setback larger than nine (9) inches in caliper (diameter) as measured fifty-four inches above the ground to the maximum extent practicable.

Maintain trees, shrubbery, and other non-lawn, woody vegetation in the riparian setback to the maximum extent practicable.

XXXX.08 USES PROHIBITED IN RIPARIAN SETBACKS

Any use not authorized under this regulation shall be prohibited in riparian setbacks. By way of example, the following uses are specifically prohibited, however, prohibited uses are not limited to those examples listed here:

Construction. There shall be no buildings or structures of any kind.

Dredging or Dumping. There shall be no drilling, filling, dredging, or dumping of soil, spoils, liquid, or solid materials, except for noncommercial composting of uncontaminated natural materials and except as permitted under this regulation.

Fences and Walls**:** There shall be no fences or walls, except as permitted under this regulation.

Roads or Driveways. There shall be no roads or driveways, except as permitted under this regulation.

Disturbance of Natural Vegetation: There shall be no disturbance of natural vegetation within riparian setbacks except for the following:

Maintenance of lawns, landscaping, shrubbery, or trees existing at the time of passage of this regulation.

Cultivation of lawns, landscaping, shrubbery, or trees in accordance with an approved Landscaping Plan submitted in conformance with this regulation.

Conservation measures designed to remove damaged or diseased trees or to control noxious weeds or invasive species.

Parking Spaces or Lots and Loading/Unloading Spaces for Vehicles: There shall be no parking spaces, parking lots, or loading/unloading spaces.

New Surface and/or Subsurface Sewage Disposal or Treatment Areas. Riparian setbacks shall not be used for the disposal or treatment of sewage, except as necessary to repair or replace an existing home sewage disposal system and in accordance with recommendations of Cuyahoga County Board of Health.

XXXX.09 NON-CONFORMING STRUCTURES OR USES IN RIPARIAN SETBACKS

A non-conforming use, existing at the time of passage of this regulation and within a riparian setback, that is not permitted under this regulation may be continued but shall not be changed or enlarged unless changed to a use permitted under this regulation.

A non-conforming structure, existing at the time of passage of this regulation and within a riparian setback, that is not permitted under this regulation may be continued but shall not have the existing building footprint or roofline expanded or enlarged.

A non-conforming structure or use, existing at the time of passage of this regulation and within a riparian setback, that has substantial damage and that is discontinued, terminated, or abandoned for a period of six (6) months or more may not be revived, restored, or re-established.

XXXX.10 VARIANCES WITHIN RIPARIAN SETBACKS

The Board of Zoning Appeals may grant a variance to this regulation as provided herein. In granting a variance, the following conditions shall apply:

In determining whether there is unnecessary hardship with respect to the use of a property or practical difficulty with respect to maintaining the riparian setback as established in this regulation, such as to justify the granting of a variance, the Board of Zoning Appeals shall consider the potential harm or reduction in riparian functions that may be caused by a proposed structure or use.

The Board of Zoning Appeals may not authorize any structure or use in a Zoning District other than those authorized in the Zoning Code.

Variances shall be void if not implemented within one (1) year of the date of issuance.

In making a determination under Section XXXX.10 (A) of this regulation, the Board of Zoning Appeals may consider the following:

The natural vegetation of the property as well as the percentage of the parcel that is in the 100-year floodplain. The criteria of Chapter 1349 Flood Damage Prevention may be used as guidance when granting variances in the 100-year floodplain.

The extent to which the requested variance impairs the flood control, erosion control, water quality protection, or other functions of the riparian setback. This determination shall be based on sufficient technical and scientific data.

The degree of hardship, with respect to the use of a property or the degree of practical difficulty with respect to maintaining the riparian setback as established in this regulation, placed on the landowner by this regulation and the availability of alternatives to the proposed structure or use.

Soil-disturbing activities permitted in the riparian setback through variances should be implemented to minimize clearing to the extent possible and to include Best Management Practices necessary to minimize erosion and control sediment.

The presence of significant impervious cover, or smooth vegetation such as maintained lawns, in the riparian setback compromises its benefits to the ***COMMUNITY NAME***. Variances should not be granted for asphalt or concrete paving in the riparian setback. Variances may be granted for gravel driveways when necessary.

Whether a property, otherwise buildable under the ordinances of the ***COMMUNITY NAME***, will be made unbuildable because of this regulation.

In order to maintain the riparian setback to the maximum extent practicable, the Board of Zoning Appeals may consider granting variances to other area or setback requirements imposed on a property by the Zoning Code. These may include, but are not limited to, parking requirements, requirements for the shape, size, or design of buildings, or front, rear, or side lot setbacks.

In granting a variance under this regulation, the Board of Zoning Appeals, for good cause, may impose such conditions that it deems appropriate to maintain the purposes of this regulation and to mitigate any necessary impacts in the riparian setbacks permitted by variance. In determining appropriate mitigation, the Board of Zoning Appeals may consult with the City Engineer or other agencies including Cuyahoga SWCD.

XXXX.11 PROCEDURES FOR VARIANCES & APPEALS

Any applicant seeking a variance to the conditions imposed under this regulation or an appeal to an administrative decision made under this regulation, other than a decision by the Board of Zoning Appeals, may apply to or appeal to the Board of Zoning Appeals. The following conditions shall apply:

When filing an application for an appeal to an administrative decision, the applicant shall file a notice of appeal specifying the grounds therefor with the administrative official within ***20 days*** of the administrative official's decision. Upon determining that the application is complete and upon receipt of the required fee of $50, the administrative official shall transmit to the Board of Zoning Appeals the application and a transcript constituting the record from which the administrative decision subject to appeal was based. This transmission shall occur no less than fourteen (14) days prior to a regularly scheduled meeting of the Board of Zoning Appeals in order to be placed on the agenda for that meeting.

When applying for a variance, the applicant shall file a variance request with the Board of Zoning Appeals.

Applications for appeals or variances made under this regulation shall contain the following information:

The name, address, and telephone number of the applicant;

Proof of ownership or authorization to represent the property owner.

The location of the property, including street address and permanent parcel number.

The current zoning of the property.

A description of the project for which the appeal or variance is sought.

A description of the administrative decision being appealed or the conditions of the regulation from which a variance is sought.

Names and addresses of each property owner within 500 feet as shown in the current records of the Cuyahoga County Auditor typed on gummed labels.

Applications for variances or appeals of administrative decisions shall not be resubmitted to the Board of Zoning Appeals within one (1) year of the date of a final decision by the Board of Zoning Appeals on the original application, unless the applicant shows the Board of Zoning Appeals either of the following:

Newly discovered evidence that could not have been presented with the original submission, or

Evidence of a substantial change in circumstances since the time of the original submission.

A decision by the Board of Zoning Appeals in response to an application for a variance request or an appeal of an administrative decision filed pursuant to this regulation shall be final.

XXXX.12 INSPECTION OF RIPARIAN SETBACKS

The identification of riparian setbacks shall be inspected by the ***COMMUNITY NAME***.

Prior to soil disturbing activities authorized under this regulation. The applicant shall provide the ***COMMUNITY NAME*** with at least two (2) working days written notice prior to starting such soil disturbing activities.

Any time evidence is brought to the attention of the ***COMMUNITY NAME*** that uses or structures are occurring that may reasonably be expected to violate the provisions of this regulation.

XXXX.99 PENALTY

A. Any person who shall violate any section of this regulation shall be guilty of a misdemeanor of first degree and, upon conviction thereof, shall be subject to punishment as provided in ***Chapter XXXX*** and shall be required to restore the riparian setback through a restoration plan approved by the Planning Commission.

B. The imposition of any other penalties provided herein shall not preclude the ***COMMUNITY NAME*** from instituting an appropriate action or proceeding in a Court of proper jurisdiction to prevent an unlawful development, or to restrain, correct, or abate a violation, or to require compliance with the provisions of this regulation or other applicable laws, ordinances, rules, or regulations, or the orders of the Building Commissioner.

This ordinance was drafted using industry approved verbiage and municipality utilized formatting. Please edit and format to satisfy respective municipal ordinance formatting along with building verbiage per Charter. For a word doc version, explanation of contents, or assistance in drafting the ordinance/associated maps/ and jurisdictional waterway outlining please contact the Mill Creek Watershed Partnership (or West Creek Conservancy). The staff will be able to help guide the City and Council into endorsement of the ordinance into the charter.