

Borough of Leetsdale

SHADE TREE INVENTORY

Summer 2023



Conor Kelley, Local Government Academy Summer Intern
Maria Napolitano, Borough Council President

Benefits of Shade Trees

Trees in dense urban and suburban developments yield countless benefits to people and the environment ^(1,2,3) as shown in Table 1.

Table 1. Benefits of Shade and Ornamental Trees in Urban and Suburban Developments

Economic Benefits to Homeowners	<ul style="list-style-type: none"> • <u>Property Values</u>: increase by up to 9% for lots with mature trees • <u>Energy Savings</u>: tree shade helps save \$200+ in energy bills yearly • <u>Neighborhood Effect</u>: landscaping a blighted lot increases surrounding property values by up to 40% • <u>Friends to Sidewalks</u>: shade coverage from urban trees protects sidewalks from overheating and elements, delaying repair needs by 10-25 years
Economic Benefits to Municipality	<ul style="list-style-type: none"> • <u>Livability</u>: tree-lined streets make a desirable community • <u>Revenue</u>: increased tax base from higher property values • <u>Stormwater Management</u>: each mature street tree prevents over 1000 gallons of water per year from going into the stormwater runoff, decreasing the load on sewer systems • <u>Good for Business</u>: Main Street retail spaces with adjacent trees are popular with shoppers, bringing 11% more business and justifying premium prices
Environmental Benefits	<ul style="list-style-type: none"> • <u>Oxygen</u>: a mature tree fully provides for the breathing needs of four people • <u>Climate Action</u>: a mature tree sequesters over 600 lb of carbon dioxide per year, helping resist climate change • <u>Air Quality</u>: street trees clear urban air from chemical pollutants • <u>Microclimates</u>: shade trees can lower local temperatures by up to 10 degrees in the summer and decrease wind throughout the year • <u>Biodiversity</u>: trees provide habitats for wildlife and food for pollinators • <u>Risk Management</u>: by intercepting stormwater, trees help prevent erosion and floods
Health and Social Benefits	<ul style="list-style-type: none"> • <u>Work Better</u>: office employees with access to green spaces are more productive and take less sick leave • <u>Be Together</u>: people love to gather among trees for community activities • <u>Healing Powers</u>: better healing reported in hospital rooms overlooking trees • <u>Green Play</u>: green spaces foster physical activity, as well as friendly and inclusive play, among school children • <u>Calm Focus</u>: children with ADD experience a decrease in symptoms when surrounded by nature • <u>Peaceful Heart</u>: green areas and trees invite reflection, connecting us to symbols, shared values, and continuity of life

Sources: TreePittsburgh, Arbor Day Foundation, Western PA Conservancy

Rationale for Shade Tree Inventory

A shade tree inventory is a complete list of municipal trees that includes information on their identification, size, location, and health. This inventory is meant to be updated regularly and serve as a basis for a comprehensive tree care plan.

An inventory of trees helps identify valuable specimens and provide for their protection and care. It can pinpoint locations where coverage has been lost, or where trees in poor health need to be removed. The inventory will help select species for future plantings that are best suited to certain locations. It will also help prevent the spread of disease among trees of similar species by informing where to begin preventive measures.

This project is long overdue. The only past shade tree inventory in the borough of Leetsdale has been performed in 1972 by John Cigan for an Eagle Scout project ⁽⁴⁾. It contains tree information, measurements, and hand-drawn maps of their locations. The inventory had identified 256 trees on borough streets and the two parks. There has been no data on the state of borough trees in the intervening years.

Community observations suggest that Leetsdale trees are disappearing. This is consistent with data on decreasing canopy coverage from urban forests across Allegheny County ⁽⁵⁾. An updated shade tree inventory will provide solid data on these trends.

The inventory will also help with grant applications for future plantings. From the records of the Shade Tree Commission, active planting was done in the 1990s with borough funds, private donations, and grant support. At that time, Leetsdale qualified for the distinction of Tree City USA. A current shade tree inventory will help the borough uphold this lifetime honor. In the Spring of 2023, working with Western PA Conservancy, Leetsdale has been selected for a TreeVitalize grant and received 16 landscape and 3 restoration trees to be planted in borough parks and on borough streets. An updated shade tree inventory will show commitment to protecting green spaces and help foster this and other collaborations in years to come.

Data Collection Process

Borough trees were surveyed by Conor Kelley and Maria Napolitano during late May and early June of 2023.

Trees were identified using publicly available information on Pennsylvania trees ⁽⁶⁾. Richard Palmer helped measure and identify Henle Park trees. Andrew Tomaskovic, an independent arborist, visited the site on June 23, 2023, verified tree identifications in borough parks and along Broad and Spencer streets, evaluated tree health and gave care recommendations. Brian Crooks of Western PA Conservancy provided additional assistance with tree identification via e-mail.

Trees were measured for circumference at breast height (4-4.5ft), unless impossible due to tree size and location, in which case, another height was chosen. Other data collected included: diameter, estimated height, presence of overhead lines, width of grass strip, and curb distance if applicable. Tree locations, coordinates, and street addresses were also recorded.

Tree condition was evaluated using the following definitions⁽⁷⁾:

- Good: tree health and condition are acceptable.
- Fair: parts of the canopy display undesirable leaf color, inappropriate leaf size, and inadequate new growth. Parts of the tree are likely to fail.
- Poor: most of the canopy displays dieback and undesirable leaf color, inappropriate leaf size, or inadequate new growth. Trees or parts of trees are in the process of failure.
- Dead

Tree locations were mapped using ESRI ArcGIS Online software, following Edgeworth Borough shade tree inventory as a guideline for format⁽⁸⁾.

Reporting Results

This shade tree inventory has identified a total of 290 trees on borough property and public right-of-way in Leetsdale.

For convenience, these trees have been grouped into five general areas:

- Henle Park: a public park bordered by Beaver St., Ferry St., and Ohio River Blvd.
- Broad and Spencer Streets: trees in the public right-of-way on Broad Street and its cross streets
- Beaver Street: trees on public right-of-way and borough lots along Beaver St.
- Washington Street, Kohlmeyer Park, and Brickworks Drive: trees on public right-of-ways, a public park, and on borough lots in the industrial area of Leetsdale
- Train Tracks and Ohio River Boulevard: trees on the borough lot between the railroad and Ohio River Blvd, adjacent to the Red Cap Cleaners building.

In addition, the inventory identified and recorded information on 30 Publicly Visible trees. The following trees are included in this category:

- Trees located on properties that are owned by public entities other than borough or commercial entities, are located within 20 ft from borough sidewalks or accessible parking lots and overlook pathways of high visibility and traffic for Leetsdale residents.
- An exceptional tree on a private property donated by a former Mayor and planted by the borough.

The complete list of trees can be found in Appendix A.

All trees with their data and images can be found on the ESRI ArcGIS map maintained by the borough, at the following link: [ArcGIS Map](#)

The species list and statistics can be found in Table 2. There are 77 tree species identified.

Table 2. Variety of Tree Species in Leetdale Shade Tree Inventory

Genus	Species	Common Name	Count	% of Distribution
Acer	ginnala	Maple-Amur	2	0.7%
	platanoides	Maple-Norway	20	7.1%
	saccharinum	Maple-Silver	3	1.1%
	saccharum	Maple-Sugar	17	6.0%
	x freemanii	Maple-Silver/Red Hybrid	6	2.1%
	campestre	Maple-Hedge	2	0.7%
	negundo	Elder-Box	5	1.8%
	palmatum 'Dissectum'	Maple-Japanese Miniature Cutleaf	1	0.4%
	palmatum	Maple-Japanese	2	0.7%
	platanoides 'Crimson King'	Maple-Norway 'Crimson King'	16	5.7%
	rubrum	Maple-Red	6	2.1%
Aesculus	flava	Buckeye-Yellow	1	0.4%
	glabra	Buckeye-Ohio	1	0.4%
	hippocastanum	Horsechestnut-Common	1	0.4%
	pavia	Buckeye-Red	1	0.4%
Ailanthus	altissima	Tree of Heaven	5	1.8%
Amelanchier	spp.	Serviceberry	1	0.4%
Betula	nigra	Birch-River	3	1.1%
Carya	spp.	Hickory	1	0.4%
Celtis	occidentalis	Hackberry	1	0.4%
Cercidiphyllum	japonicum	Katsura	2	0.7%
Cercis	canadensis	Redbud-Eastern	6	2.1%

Chionanthus	retusus	Fringetree-Chinese	1	0.4%
Cladrastis	kentukea	Yellowwood	1	0.4%
Cornus	spp	Dogwood	1	0.4%
	florida	Dogwood-Flowering	4	1.4%
	kousa	Dogwood-White Kousa	3	1.1%
	mas	Dogwood-Cornelian Cherry	2	0.7%
Crataegus	monogyna	Hawthorne	6	2.1%
Fagus	sylvatica	Beech-European	1	0.4%
	sylvatica 'Asplenifolia'	Beech-Fernleaf	1	0.4%
	sylvatica 'Purpurea'	Beech-Purple	2	0.7%
	sylvatica 'Purpurea Tricolor'	Beech-Tricolor	1	0.4%
Ginkgo	biloba	Ginkgo	1	0.4%
Gleditsia	triacanthos	Locust-Honey	5	1.8%
Gymnocladus	dioicus	Coffeetree-Kentucky	2	0.7%
Hibiscus	syriacus	Rose of Sharon	2	0.7%
Koelreuteria	paniculata	Goldenraintree-Panicked	1	0.4%
Liquidambar	styraciflua	Sweetgum-American	10	3.6%
Liriodendron	tulipifera	Tuliptree	2	0.7%
Magnolia	acuminata	Magnolia-Cucumber	1	0.4%
	spp.	Magnolia	4	1.4%
Malus	spp.	Crabapple	7	2.5%
	domestica	Apple Tree	4	1.4%
Metasequoia	glyptostrobooides	Redwood-Dawn	6	2.1%
Morus	alba	Mulberry-White	2	0.7%

Nyssa	sylvatica	Tupelo-Black	2	0.7%
Picea	abies	Spruce-Norway	4	1.4%
	pungens	Spruce-Blue	10	3.6%
Pinus	strobus	Pine-Eastern White	6	2.1%
Platanus	× acerifolia	Planetree-London	1	0.4%
	occidentalis	Sycamore-American	3	1.1%
Prunus	pendula	Cherry-Weeping	2	0.7%
	serrulata	Cherry-Flowering	12	4.3%
Pseudotsuga	menziesii	Fir-Douglas	1	0.4%
Pyrus	calleryana	Pear-Ornamental	11	3.9%
Quercus	palustris	Oak-Pin	20	7.1%
	rubra	Oak-Red	4	1.4%
	imbricaria	Oak-Shingle	1	0.4%
	macrocarpa	Oak-Bur	1	0.4%
	montana	Oak-Chestnut	2	0.7%
Rhus	spp.	Sumac	2	0.7%
Robinia	pseudoacacia	Locust-Black	1	0.4%
Solanum	retroflexum	Sunberry	3	1.1%
Syringa	reticulata	Lilac-Japanese	7	2.5%
Syringa	Vulgaris	Lilac-Common	1	0.4%
Taxus	spp.	Yew Tree	2	0.7%
Thuja	spp	Arborvitae	1	0.4%
Tilia	cordata	Linden-Littleleaf	5	1.8%
Tsuga	spp.	Hemlock	1	0.4%

Ulmus	americana	Elm-American	3	1.1%
Ulmus	parvifolia	Elm-Laceleaf	1	0.4%
Zelkova	serrata	Zelkova-Japanese	1	0.4%
Total Trees			281	100%

The top 10 largest trees are listed in Table 3.

Table 3. Top Ten Trees by Diameter in Leetsdale Shade Tree Inventory

Ranking	Tree ID	Address	Species	Diameter (In.)
1	410	Outside Kohlmeyer Park	Maple-Silver	81.52
2	170	Henle Park	Magnolia-Cucumber	58.60
3	148	Henle Park	Oak-Shingle	54.78
4	168	Henle Park	Beech-Fernleaf	54.14
5	161	Henle Park	Beech-Purple	50.32
6	149	Henle Park	Oak-Pin	50.00
7	160	Henle Park	Beech-Purple	47.77
8	606	Beaver & High School	Oak-Pin	47.45
9	129	Henle Park	Oak-Pin	46.50
10	125	Henle Park	Oak-Pin	46.20

Recently planted trees are listed in Table 4.

Table 4. Newly Planted Trees

Tree ID	Address	Species	Diameter (in.)	Planting Date
265	373 Beaver Street Lower Lot	Dogwood-Cornelian Cherry	<1	New Planting 04/2023 TreeVitalize Grant
266	373 Beaver Street Lower Lot	Dogwood-Cornelian Cherry	<1	New Planting 04/2023 TreeVitalize Grant
175	Henle Park	Cherry-Weeping	1.33	New Planting 06/2023 Purchased by Borough
155	Henle Park	Coffeetree-Kentucky	2.23	New Planting 04/2023 TreeVitalize Grant
131	Henle Park	Hickory	0.32	New Planting 04/2023 TreeVitalize Grant
137	Henle Park	Katsura	1.91	New Planting 04/2023 TreeVitalize Grant
134	Henle Park	Maple-Norway Crimson King	2.55	New Planting Spring 2022 Donated by Rotary Club
178	Henle Park	Maple-Norway Crimson King	2.54	New Planting Spring 2022 Donated by Rotary Club
132	Henle Park	Maple-Norway Crimson King	2.23	New Planting Spring 2022 Donated by Rotary Club
159	Henle Park	Oak-Bur	1.59	New Planting 04/2023 TreeVitalize Grant
163	Henle Park	Pine-Eastern White	5.10	New Planting 04/2023 TreeVitalize Grant
162	Henle Park	Pine-Eastern White	4.78	New Planting 04/2023 TreeVitalize Grant
164	Henle Park	Pine-Eastern White	4.14	New Planting 04/2023 TreeVitalize Grant

174	Henle Park	Planetree-London	1.59	New Planting 04/2023 TreeVitalize Grant
169	Henle Park	Redwood-Dawn	0.96	New Planting 04/2023 TreeVitalize Grant
133	Henle Park	Tupelo-Black	1.91	New Planting 04/2023 TreeVitalize Grant
156	Henle Park	Zelkova-Japanese	2.55	New Planting 04/2023 TreeVitalize Grant

The list of dedicated trees can be found in Table 5.

Table 5. Dedicated Trees

Tree ID	Address	Species	Diameter (in.)	Dedicated to
103	Henle Park	Beech-European	15.92	Emil Becker
105	Henle Park	Buckeye-Ohio	10.19	Bill Fleig and Arnold Fleig Jr.
116	Henle Park	Cherry-Flowering	10.19	Val and Mary Kay Dshuchan
110	Henle Park	Crabapple	5.73	Helen Dworchak
137	Henle Park	Katsura	1.91	Robert and Anna Marie Kusnirak
123	Henle Park	Maple-Norway Crimson King	14.33	Segeleon Family
159	Henle Park	Oak-Bur	1.59	Ed Schroth
106	Henle Park	Oak-Pin	36.62	Michael Melnyk
112	Henle Park	Pear-Ornamental	22.29	James Bell
169	Henle Park	Redwood-Dawn	0.96	Jerry Freeble Sr.

Henle Park

Henle Park is a premier green space and a regional attraction for the Quaker Valley area. It is rare for a public park to contain mature Arboretum-quality specimens of native, foreign, and exotic trees in a small area. Original trees on this site, formerly the Atwood estate, were planted by Mrs. Rebecca Atwood in the post-Civil War period, and by Mr. Walter Morrow for the Atwood family pre-World War II. The present layout of Henle Park balances green space with recreational amenities, including a gazebo, basketball court, playground, and Splash Pad.

A total of 79 trees have been identified in Henle Park. In addition, there is a row of arborvitae along the fence between Ohio River Boulevard and the park that serves as a green barrier between the road and the park grounds. Those were not included in the inventory.

Of the trees identified in the 1972 inventory, 27 specimens still stand. They include majestic mature specimens of purple beech, fern leaf beech, shaker oak, chestnut oak, goldenraintree, and ginkgo.

Overall, the 1972 inventory identified 82 trees. Although the 2023 tree count is close, it portrays a very different picture:

- More trees are recent plantings: only 3 of the 82 trees, or 3.65%, in 1972 were recent plantings under 3" in diameter. In 2023, those represent 15 out of 79, or 18.98%.
- Fewer shade trees, more flowering trees: in 1972, all but 4 of the 82 trees (95%) were shade trees that promised to grow to a large size and provide wide canopy coverage. At present, shade trees represent 67 out of 79, or 85%. The rest are smaller flowering trees of limited height, planted together in groups and limiting options for layering tree canopies in future plantings.
- Rare trees lost: large specimens of catalpa, purple beech, and oak were removed due to disease, recreational development, or weather-related accidents

Shade tree inventory can guide future plantings and tree care:

- Prioritize a variety of fast-growing and locally rare shade trees expected to reach a large size. This would both maintain the Arboretum-like environment in the park and work well with the recreational amenities, using space efficiently and optimizing canopy coverage for shade.
- Remove spruce in poor condition to open more room for planting.
- Weight reduction pruning is recommended for the goldenraintree and one of the shingle oaks.

Broad and Spencer Streets

Broad Street is the historic core of the community and a quintessential tree-lined "main street" area with a few neighborhood-commercial enterprises among residential dwellings. Homes on Broad and Spencer streets stand back away from sidewalks. Public right-of-way grass strips of 5-ft width or wider separate sidewalks from the road and represent optimal spaces for street trees.

There are 55 trees on Broad Street, including both shade trees (pin oak, maple varieties, sweetgum) and flowering trees (hawthorn, redbud, flowering cherry, ornamental pear). On Spencer Street, there are 13 trees, including large sweetgums, Norway maples, and linden.

The trends in tree coverage, compared to the 1972 inventory, are not favorable:

- Many trees lost: Broad St. lost almost half of its trees and is now at 59% of tree numbers compared to 92 trees found in the 1972 inventory. This is mostly observed at the northwestern end of the street, past the borough building. Spencer St. has largely the same coverage as in 1972 (13 vs 14 trees), but Rapp Street, another cross street to Broad, no longer has any trees at all.
- Grass strip disappeared: grass strip along the northwestern side of Broad St has been paved over for parking needs in front of some homes, removing spaces for shade trees
- Overgrown trees: large trees on the southern side of Broad Street are growing over power lines.
- Species selection not optimal: Norway maple were popular street trees in past decades, but are now known to be invasive, have shorter lifespans, and shallow root systems that can damage sidewalks. Ornamental pears have also fallen out of favor due to the same issues and higher risks of structural instability.
- Poor tree health: two of the Norway maple trees are likely not structurally stable. One of the pin oaks was topped, which will greatly shorten its lifespan.

The data in the shade tree inventory can guide improvement in canopy coverage in this area:

- Select a variety of tree species for visual appeal and disease resistance.
- Choose smaller varieties for planting under power lines and trees with columnar forms for narrow areas.
- Choose tree species without shallow lateral root systems that do not interfere with sidewalks.
- When considering sidewalk repair needs on the southeast end of Broad St. and Spencer St., use methods that will preserve root systems of large sweetgums and maples.

Beaver Road

Beaver Road is a major thoroughfare through the residential part of Leetsdale, from Sewickley to Ambridge. A total of 18 trees have been identified in this area.

Between the bus stop at Beaver and Broad Streets and the borough office building, there are no places for street trees. A large sycamore at Oak and Beaver, noted in the 1972 inventory, is still standing, as are a few smaller ornamental trees planted at the corner of Beaver and Winding streets by the Shade Tree Commission in the 1990s.

The block between the high school building and Quaker Village Dr. is a wooded area and likely not a priority for future plantings. Should it be necessary, however, there is a grass strip that contains 3 maple trees, with room for more.

Washington Street, Kohlmeyer Park, and Brickworks Drive

Washington St. is a small residential area surrounded by industrial developments. Both sides of the street have public right-of-way areas for street trees between the sidewalks and the road. The sugar maple trees at Petrun Rd. are also located in the public right-of-way.

Kohlmeyer Park is a neighborhood minipark at the far end of Washington St, below the overpass. It contains older trees both inside the playground fence and outside, closer to the curve of the overpass. A few additional younger trees have been planted on a grass triangle that forms the park entrance from Brickworks Dr. This green barrier is important because it shields the residential area from the overpass, the railroad, and the expanse of industrial development.

The northern side of the Brickworks Dr. as it comes down from the overpass, is a borough-owned land. It was shaped with fill during the construction of the overpass in 2007 and landscaped with trees paid for by grant funds ⁽⁹⁾. This green space forms a gateway to the industrial area and Washington St.

The shade tree inventory has identified 75 trees in this area. The biggest tree in the borough, a silver maple over 80 inches in diameter, is located outside Kohlmeyer Park.

Overall, the trees in this area face many challenges:

- Many trees lost: Washington St. lost almost 60% of its trees. Their numbers are down to 24 with no new plantings, from 57, over half of those newly planted, found in 1972 inventory.
- Grass strips paved over: in front of many residences, grass strips have been paved over for parking needs, removing spots for street trees.
- Roots damaged in sidewalk repairs: sidewalk replacement at the far northern side of Washington St. damaged the roots of a stretch of Norway maples. As a result, two maples have failed and were recently removed, and others display dry limbs.
- Poor tree health: a few trees are damaged and in poor condition.
- Stunted tree growth along Brickworks: trees along Brickworks Dr., in Kohlmeyer Park and on the borough lot alongside the road, despite being regularly fertilized, were estimated to be growing up to 3 times slower than their counterparts elsewhere in Leetsdale ⁽⁹⁾. This could be due to poor soil quality in the industrial fill, or overuse of herbicide around trees.

There is space and opportunities for shade tree replacements on Washington St., which will help shield this residential area from industrial development.

Before any future plantings are considered for Brickworks or Kohlmeyer Park's triangle area, soil quality must be evaluated, and other measures are taken to help new plantings thrive.

Train Tracks and Ohio River Boulevard

The lot between the railroad and Ohio River Blvd, at Ferry St. crossing, is owned by the borough. Its line of trees serves as a green barrier, shielding the railroad and industrial area on one side from the main residential area of Leetsdale.

This area has 21 trees, all of them mature. Three of the spruces are failing and should be removed. Two of the large trees on this parcel have been identified as ailanthus or tree of heaven. It is a fast-growing and highly invasive species that makes soil toxic for surrounding plants and is a favored host to an equally invasive insect, the spotted lanternfly ⁽¹⁰⁾.

Planting more trees to expand the green barrier between the railroad and Ohio River Blvd will help beautify Leetsdale. Care should be taken to identify and remove spreading tree of heaven seedlings from surrounding areas, especially Henle Park.

Publicly Visible Trees

These trees include 4 trees at the edges of the VFW lot, 3 trees in front of the entrance to Leetsdale Manor High Rise, the trees in front of the high school building, and a few trees on the Red Cap Cleaners lot that are continuous with the line of trees on the adjacent borough lot. Among these, there are beautiful mature oaks and maples.

Also included in this list is a beautiful tricolor beech donated in 1997 by Mayor Michael Maruca to the Budacki family at 10 Sycamore Spur and planted by the borough in front of the property. 25 years later, this tree is over 24 inches in diameter and thriving.

Publicly owned and highly visible properties may be eligible for tree planting grants. The borough should include the owners of these properties in the discussion on planting more shade trees, to beautify and add value to these properties and Leetsdale as a whole. It would also be worthwhile to expand the program of donating trees to private residences and dedicating trees to honor the memories and achievements of Leetsdale citizens.

Future Work Recommendations

The data in this inventory can be further augmented with the following future efforts:

- Estimate the monetary value for each borough tree using Trunk Formula Valuation Method or other calculators.
- Create a list and map of potential planting sites.
- Develop a comprehensive tree management plan with input from professional consultants.

References:

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Appendix A: Complete List of Shade Trees

Tre e ID	Address	Species Name	Height (ft.) 2023	Diameter (in.) 2023	Circumference (in.) 2023	Condition	Notes	Dedication
100	Henle Park	Tuliptree	> 30'	37.26	117	Good		
101	Henle Park	Spruce-Blue	20'-30'	10.51	33	Good		
102	Henle Park	Linden-Littleleaf	20'-30'	10.19	32	Good		
103	Henle Park	Beech-European	20'-30'	15.92	50	Good		Emil Becker
104	Henle Park	Maple-Red/Silver Hybrid	> 30'	27.39	86	Good		
105	Henle Park	Buckeye-Ohio	20'-30'	10.19	32	Good		Bill Fleig and Arnold Fleig Jr.
106	Henle Park	Oak-Pin	> 30'	36.62	115	Good		Michael Melnik
107	Henle Park	Locust-Honey	> 30'	24.20	76	Good		
108	Henle Park	Maple-Sugar	20'-30'	27.39	86	Good		
109	Henle Park	Maple-Red	20'-30'	17.83	56	Good		
110	Henle Park	Crabapple	> 10'	5.73	18	Good		Helen Dworchak
111	Henle Park	Maple-Red	10'-20'	13.69	43	Good		
112	Henle Park	Pear-Ornamental	20'-30'	22.29	70	Good		James Bell

113	Henle Park	Redwood-Dawn	> 30'	35.99	113	Good		
114	Henle Park	Lilac-Japanese Tree	10'-20'	14.01	44	Good		
115	Henle Park	Spruce-Norway	10'-20'	8.60	27	Poor	Removal Recommended	
116	Henle Park	Cherry-Flowering	10'-20'	10.19	32	Poor	Extensive Bark Damage	Val and Mary Kay Dshuchan
117	Henle Park	Maple-Red/Silver Hybrid	> 30'	37.26	117	Good		
118	Henle Park	Cherry-Flowering	10'-20'	11.46	36	Fair		
119	Henle Park	Cherry-Flowering	10'-20'	7.64	24	Good		
120	Henle Park	Dogwood-Flowering	20'-30'	15.61	49	Good		
121	Henle Park	Hemlock	10'	6.37	20	Good		
122	Henle Park	Maple-Sugar	> 30'	33.76	106	Good		
123	Henle Park	Maple-Norway Crimson King	20'-30'	14.33	45	Good		Segeleon Family
124	Henle Park	Cherry-Flowering	20'-30'	10.83	34	Good		
125	Henle Park	Oak-Pin	> 30'	46.18	145	Good		
126	Henle Park	Oak-Pin	> 30'	37.26	117	Good		
127	Henle Park	Oak-Chestnut	> 30'	42.99	135	Good	Weight Reduction Pruning Recommended	
128	Henle Park	Oak-Chestnut	> 30'	37.58	118	Good		

129	Henle Park	Oak-Pin	> 30'	46.50	146	Good		
130	Henle Park	Yellowwood	10'-20'	15.61	49	Good		
131	Henle Park	Hickory	<1	0.32	1	Good	New Planting 04/2023 TreeVitalize Grant	
132	Henle Park	Maple-Norway Crimson King	> 5'	2.23	7	Good	New Planting Spring 2022 Donated by Rotary Club	

133	Henle Park	Tupelo-Black	> 5'	1.91	6	Good	New Planting 04/2023 TreeVitalize Grant	
134	Henle Park	Maple-Norway Crimson King	< 10'	2.55	8	Good	New Planting Spring 2022 Donated by Rotary Club	
135	Henle Park	Spruce-Blue	20'-30'	13.06	41	Good		
136	Henle Park	Fringetree-Chinese	10'	7.64	24	Good		
137	Henle Park	Katsura	> 5'	1.91	6	Good	New Planting 04/2023 TreeVitalize Grant	Robert and Anna Marie Kusnirak
138	Henle Park	Magnolia	< 10'	2.55	8	Good		
139	Henle Park	Tuliptree	> 30'	45.86	144	Good		
140	Henle Park	Cherry-Flowering	10'	8.60	27	Good		
141	Henle Park	Cherry-Flowering	10'	7.64	24	Good		
142	Henle Park	Cherry-Flowering	10'	9.55	30	Good		
143	Henle Park	Dogwood-White Kousa	< 10'	3.82	12	Good		

144	Henle Park	Dogwood-White Kousa	< 10'	3.50	11	Good		
145	Henle Park	Dogwood-White Kousa	< 10'	4.46	14	Good		
146	Henle Park	Spruce-Blue	20'-30'	12.10	38	Good		
147	Henle Park	Hawthorne	20'-30'	15.92	50	Good		
148	Henle Park	Oak-Shingle	> 30'	54.78	172	Good		
149	Henle Park	Oak-Pin	> 30'	50.00	157	Good	Poison Oak on Trunk	
150	Henle Park	Maple-Sugar	20'-30'	21.97	69	Good		
151	Henle Park	Maple-Red/Silver Hybrid	> 30'	33.76	106	Good		
152	Henle Park	Sycamore-American	> 30'	33.12	104	Good		
153	Henle Park	Pine-Eastern White	> 30'	24.20	76	Good		
154	Henle Park	Oak-Pin	> 30'	29.30	92	Good		
155	Henle Park	Coffeetree-Kentucky	> 5'	2.23	7	Good	New Planting 04/2023 TreeVitalize Grant	
156	Henle Park	Zelkova-Japanese	> 5'	2.55	8	Good	New Planting 04/2023 TreeVitalize Grant	
157	Henle Park	Goldenraintree-Panicled	> 30'	28.98	91	Good	Weight Reduction Pruning recommended	
158	Henle Park	Maple-Sugar	> 30'	37.58	118	Good		
159	Henle Park	Oak-Bur	< 10'	1.59	5	Good	New Planting 04/2023 TreeVitalize Grant	Ed Schroth

160	Henle Park	Beech-Purple	> 30'	47.77	150	Good		
161	Henle Park	Beech-Purple	> 30'	50.32	158	Good		
162	Henle Park	Pine-Eastern White	5'-10'	4.78	15	Good	New Planting 04/2023 TreeVitalize Grant	
163	Henle Park	Pine-Eastern White	5'-10'	5.10	16	Good	New Planting 04/2023 TreeVitalize Grant	
164	Henle Park	Pine-Eastern White	5'-10'	4.14	13	Good	New Planting 04/2023 TreeVitalize Grant	
165	Henle Park	Locust-Black	>30'	17.83	56	Good	Likely self-seeded	
166	Henle Park	Buckeye-Yellow	> 30'	30.57	96	Good		
167	Henle Park	Fir-Douglas	> 30'	28.98	91	Good	Less than 5+ Years left	
168	Henle Park	Beech-Fernleaf	> 30'	54.14	170	Good		
169	Henle Park	Redwood-Dawn	< 10'	0.96	3	Good	New Planting 04/2023 TreeVitalize Grant	Jerry Freeble Sr.
170	Henle Park	Magnolia-Cucumber	> 30'	58.60	184	Good		
171	Henle Park	Gingko	> 30'	44.27	139	Good		
172	Henle Park	Tupelo-Black	10'-20'	6.69	21	Good		
173	Henle Park	Katsura	> 30'	27.71	87	Good		
174	Henle Park	Planetree-London	<10'	1.59	5	Good	New Planting 04/2023 TreeVitalize Grant	
175	Henle Park	Cherry-Weeping	<7'	1.33	4	Fair	New Planting 06/2023 Purchased by Borough	

176	Henle Park	Magnolia	<10'	2.55	8	Good		
177	Henle Park	Spruce-Blue	20'-30'	11.78	37	Good		
178	Henle Park	Maple-Norway Crimson King	<10	2.54	8	Good	New Planting Spring 2022 Donated by Rotary Club	
200	202 Broad Street	Maple-Norway Crimson King	<10'	4.78	15	Good		
201	202 Broad Street	Maple-Norway	10'-20'	16.24	51	Good		
202	202 Broad Street	Maple-Norway	10'-20'	16.24	51	Good		
203	27 Ferry Street	Elm-Laceleaf	10'-20'	12.10	38	Good		
204	27 Ferry Street	Dead	10'-20'	10.19	32	Dead		
205	27 Ferry Street	Maple-Norway	10'-20'	12.10	38	Good		
206	27 Ferry Street	Maple-Norway	>30'	34.08	107	Good		
207	195 Broad Street	Hawthorne	10'-20'	12.10	38	Good		
208	195 Broad Street	Sweetgum-American	20'-30'	30.25	95	Good		
209	198 Broad Street	Maple-Norway Crimson King	<10'	8.92	28	Good	Recommended Sidewalk Repair without cutting tree roots	
210	195 Broad Street	Coffeetree-Kentucky	<10'	1.27	4	Good		
211	50 Spencer Street	Apple Tree	<10'	7.01	22	Good		
212	30 Spencer Street	Sweetgum-American	20'-30'	20.70	65	Good	Recommend Sidewalk Repair without cutting tree roots	
213	2 Spencer Street	Sweetgum-American	20'-30'	24.20	76	Good	Recommend Sidewalk Repair	

							without cutting tree roots	
214	98 Ohio River Boulevard	Maple-Norway Crimson King	10'-20'	12.42	39	Good		
215	98 Ohio River Boulevard	Linden spp	20'-30'	23.57	74	Good		
216	193 Broad Street	Sweetgum-American	20'-30'	23.57	74	Good		
217	193 Broad Street	Sweetgum-American	20'-30'	21.34	67	Good		
218	196 Broad Street	Stump	0	0.00	0	Dead		
219	198 Broad Street	Maple-Norway	>30'	35.67	112	Good		
220	27 Spencer Street	Maple-Hedge	<10'	1.59	5	Good		
221	27 Spencer Street	Maple-Hedge	<10'	1.59	5	Good		
222	441 Beaver Street	Maple-Norway	>30'	22.61	71	Poor	Structurally Unstable	
223	441 Beaver Street	Maple-Norway	>30'	31.21	98	Good		
224	187 Broad Street	Redbud-Eastern	<10'	1.27	4	Good		
225	187 Broad Street	Oak-Pin	>30'	29.94	94	Good	Extensive Topping Performed, tree likely has 5+ years	
226	182 Broad Street	Maple-Norway Crimson King	10'-20'	14.01	44	Good		
227	182 Broad Street	Maple-Norway Crimson King	10'-20'	15.92	50	Good		
228	182 Broad Street	Maple-Norway Crimson King	10'-20'	17.52	55	Good		

230	178 Broad Street	Maple-Norway Crimson King	10'-20'	13.06	41	Good		
231	165 Broad Street	Crabapple	<10'	7.64	24	Good		
232	156 Broad Street	Maple-Red	10'-20'	11.46	36	Good		
233	157 Broad Street	Maple-Norway	10'-20'	10.83	34	Good		
234	158 Broad Street	Linden-Littleleaf	10'-20'	11.78	37	Good		
235	157 Broad Street	Oak-Pin	>30'	35.67	112	Good	Weight Reduction Pruning recommended	
236	157 Broad Street	Maple-Japanese Miniature Cutleaf	<10'	3.82	12	Good		
237	155 Broad Street	Maple-Norway Crimson King	10'-20'	13.06	41	Good		
238	155 Broad Street	Oak-Pin	>30'	35.67	112	Good		
239	152 Broad Street	Sweetgum-American	20'-30'	27.39	86	Good		
240	146 Broad Street	Oak-Pin	20'-30'	30.57	96	Good		
241	145 Broad Street	Lilac-Japanese Tree	<10'	3.18	10	Good		
242	143 Broad Street	Maple-Norway Crimson King	10'-20'	11.15	35	Good		
243	143 Broad Street	Dogwood-Flowering	<10'	1.27	4	Good		
244	373 Beaver Street Lower Lot	Cherry-Flowering	<10'	7.96	25	Good		
245	373 Beaver Street	Cherry-Flowering	<10'	8.60	27	Good		

	Lower Lot							
246	373 Beaver Street Lower Lot	Crabapple	10'-20'	11.15	35	Good		
247	135 Broad Street	Pear-Ornamental	10'-20'	10.19	32	Good		
248	135 Broad Street	Pear-Ornamental	10'-20'	14.65	46	Good		
249	107 Broad Street	Crabapple	<10'	7.64	24	Good		
250	125 Broad Street	Hawthorne	10'-20'	10.51	33	Good		
251	117 Broad Street	Maple-Norway Crimson King	10'-20'	7.01	22	Good		
252	91 Broad Street	Stump	0					
253	89 Broad Street	Cherry-Weeping	<10'	7.96	25	Good		
254	73 Broad Street	Maple-Norway	<10'	8.92	28	Fair	Structurally Unstable	
255	62 Broad Street	Maple-Norway Crimson King	<10'	7.32	23	Good		
256	66 Broad Street	Maple-Norway Crimson King	<10'	8.92	28	Good		
257	74 Broad Street	Maple-Norway	<10'	9.24	29	Good		
258	74 Broad Street	Maple-Norway	10'-20'	11.78	37	Good		
259	80 Broad Street	Maple-Norway	20'-30'	19.75	62	Fair		
260	80 Broad Street	Maple-Norway	20'-30'	16.56	52	Good		
261	104 Broad Street	Dead Tree	10'-20'	18.79	59	Dead		

262	100 Broad Street	Pear-Ornamental	10'-20'	11.15	35	Good		
263	143 Broad Street	Locust-Honey	10'-20'	15.29	48	Good		
264	143 Broad Street	Lilac-Common	2'	1.59	5	Good		
265	373 Beaver Street Lower Lot	Dogwood-Cornelian Cherry	<10'	<1	<1	Good	New Planting 04/2023 TreeVitalize Grant	
266	373 Beaver Street Lower Lot	Dogwood-Cornelian Cherry	<10'	<1	<1	Fair	New Planting 04/2023 TreeVitalize Grant	
300	Beaver & Broad	Lilac-Japanese Tree	>10'	6.69	21	Good		
301	Beaver & Broad	Spruce-Blue	10'-20'	14.01	44	Poor		
302	Beaver & Broad	Arborvitae		N/A	N/A	Good		
303	Beaver & Broad	Maple-Norway	>10'	3.82	12	Good		
304	Borough Building	Pear-Ornamental	>10'	13.06	41	Good		
305	Borough Building	Pear-Ornamental	>10'	12.10	38	Good		
306	Borough Building	Pear-Ornamental	>10'	12.10	38	Good		
307	Winding Road	Maple-Japanese Red Emperor	>10'	4.78	15	Good		
308	Winding Road	Spruce-Norway	>10'	9.87	31	Good		
309	Winding Road	Spruce-Norway	>10'	10.83	34	Good		
310	Winding Road	Dead		N/A	N/A	Dead		
311	Winding Road	Dogwood-Flowering	>10'	8.92	28	Good		

312	Winding Road	Redbud-Eastern	10'-20'	14.33	45	Good		
313	Winding Road	Serviceberry	<10'	3.82	12	Good		
314	Oak Drive and Beaver	Sycamore-American	>30'	35.03	110	Good		
315	Beaver & High School	Maple-Red/Silver Hybrid	10'-20'	17.83	56	Good		
316	Beaver & High School	Maple-Red/Silver Hybrid	10'-20'	14.65	46	Good		
317	Beaver & High School	Maple-Red/Silver Hybrid	10'-20'	25.16	79	Good		
400	Outside Kohlmeyer Park	Buckeye-Red	<10'	3.18	10	Fair	Exposed core, poor growth	
401	Outside Kohlmeyer Park	Elm-American	10'-20'	11.15	35	Good	Good growth; overuse of herbicide around trunk	
402	Outside Kohlmeyer Park	Elm-American	10'-20'	12.10	38	Good	Good growth; overuse of herbicide around trunk	
403	Outside Kohlmeyer Park	Elm-American	10'-20'	13.69	43	Good	Good growth; overuse of herbicide around trunk	
404	Outside Kohlmeyer Park	Birch-River	20'-30'	21.97	69	Good	Three trunks merged at the base. Good growth; overuse of herbicide around trunk	
405	Outside Kohlmeyer Park	Birch-River	20'-30'	12.74	40	Good	Two trunks merged at base. Good growth; overuse of herbicide around trunk	
406	Outside Kohlmeyer Park	Birch-River	20'-30'	22.93	72	Good	Three trunks merged at base. Good growth; overuse of herbicide	

							around trunk	
407	Outside Kohlmeyer Park	Oak-Red	10'-20'	10.83	34	Good	Good growth; overuse of herbicide around trunk	
408	Outside Kohlmeyer Park	Cherry-Flowering	<10'	4.14	13	Good	Poor growth due to bad soil and herbicide overuse	
409	Outside Kohlmeyer Park	Maple-Amur	<10'	5.10	16	Good	Poor growth due to bad soil and herbicide overuse	
410	Outside Kohlmeyer Park	Maple-Silver	>30'	81.52	256	Good	Five merged trunks; chained for stability in the past by railroad company	
411	Outside Kohlmeyer Park	Cherry-Flowering	<10'	5.10	16	Good	Poor growth due to bad soil and herbicide overuse	
412	Outside Kohlmeyer Park	Locust-Honey		9.24	29	Good		
413	Inside Kohlmeyer Park	Sweetgum-American	20'-30'	24.84	78	Good		
414	Inside Kohlmeyer Park	Oak-Pin	20'-30'	28.03	88	Good		
415	Inside Kohlmeyer Park	Redbud-Eastern	10'-20'	14.64	46	Good		
416	Petrun Road	Maple-Sugar	20'-30'	18.47	58	Good		
417	Petrun Road	Maple-Sugar	20'-30'	17.52	55	Good		
418	Petrun Road	Maple-Sugar	10'-20'	13.69	43	Good		
419	Petrun Road	Maple-Sugar	20'-30'	17.52	55	Good		
420	Petrun Road	Maple-Sugar	20'-30'	20.06	63	Good		

421	Petrun Road	Maple-Sugar	20'-30'	23.57	74	Good		
422	Petrun Road	Maple-Sugar	20'-30'	26.43	83	Good		
423	Petrun Road	Maple-Sugar	20'-30'	22.29	70	Good		
424	Petrun Road	Maple-Sugar	10'-20'	15.92	50	Good		
425	Petrun Road	Maple-Sugar	20'-30'	17.83	56	Good		
426	Petrun Road	Sycamore-American	20'-30'	24.52	77	Good	Overgrowing Vines	
427	Brickworks Drive	Redwood-Dawn	10'-20'	7.64	24	Good	Planted too close to others. Stunted growth due to poor soil or herbicide overuse	
428	Brickworks Drive	Redwood-Dawn	10'-20'	10.19	32	Good	Planted too close to others. Stunted growth due to poor soil or herbicide overuse	
429	Brickworks Drive	Redwood-Dawn	10'-20'	8.60	27	Good	Planted too close to others. Stunted growth due to poor soil or herbicide overuse	
430	Brickworks Drive	Maple-Amur	10'-20'	7.64	24	Good	Stunted growth due to bad soil or herbicide overuse	
431	Brickworks Drive	Redbud-Eastern	<10'	6.69	21	Good	Stunted growth due to bad soil or herbicide overuse	
432	Brickworks Drive	Locust-Honey	<10'	5.73	18	Good	Stunted growth due to bad soil or herbicide overuse	
433	Brickworks Drive	Oak-Pin	<10'	3.18	10	Good	Stunted growth due to bad soil or herbicide overuse	
434	Brickworks Drive	Oak-Red	<10'	3.18	10	Good	Stunted growth due to bad soil or	

							herbicide overuse	
435	Brickworks Drive	Lilac-Japanese	<10'	3.82	12	Good	Stunted growth due to bad soil or herbicide overuse	
436	Brickworks Drive	Lilac-Japanese	<10'	3.18	10	Good	Stunted growth due to bad soil or herbicide overuse	
437	Brickworks Drive	Lilac-Japanese	<10'	3.18	10	Good	Stunted growth due to bad soil or herbicide overuse	
438	Brickworks Drive	Sunberry	<10'	3.82	12	Good	Stunted growth due to bad soil or herbicide overuse	
439	Brickworks Drive	Sunberry	<10'	4.78	15	Good	Stunted growth due to bad soil or herbicide overuse	
440	Brickworks Drive	Sunberry	<10'	7.01	22	Good	Stunted growth due to bad soil or herbicide overuse	
441	Brickworks Drive	Hackberry	<10'	3.82	12	Fair	Stunted growth due to bad soil or herbicide overuse	
442	Brickworks Drive	Maple-Red	<10'	7.64	24	Good	Stunted growth due to bad soil or herbicide overuse	
443	Brickworks Drive	Maple-Red	<10'	6.05	19	Good	Stunted growth due to bad soil or herbicide overuse	
444	Brickworks Drive	Hawthorne	<10'	4.78	15	Good	Stunted growth due to bad soil or herbicide overuse	
445	Brickworks Drive	Hawthorne	<10'	2.87	9	Good	Stunted growth due to bad soil or herbicide overuse	
446	Brickworks Drive	Hawthorne	<10'	3.50	11	Good	Stunted growth due to bad soil or herbicide overuse	

447	Brickworks Drive	Redwood-Dawn	<10'	5.73	18	Good	Stunted growth due to bad soil or herbicide overuse	
448	Brickworks Drive	Maple-Red	<10'	5.10	16	Good	Stunted growth due to bad soil or herbicide overuse	
449	Brickworks Drive	Linden-Littleleaf	<10'	2.55	8	Good	Stunted growth due to bad soil or herbicide overuse	
450	147 Washington Street	Dogwood	<10'	5.10	16	Good		
451	169 Washington Street	Mulberry-White	<10'	0.00	0			
452	181 Washington Street	Rose of Sharon	<10'	0.00	0			
453	189 Washington Street	Rose of Sharon	<10'	0.00	0			
454	Washington Street	Lilac-Japanese	20'-30'	19.75	62	Good		
455	436 Washington Street	Maple-Silver	20'-30'	18.47	58	Good		
456	432 Washington Street	Pear-Ornamental	10'-20'	13.69	43	Good		
457	436 Washington Street	Locust-Honey	10'-20'	13.38	42	Good		
458	446 Washington Street	Maple-Sugar	20'-30'	19.75	62	Good		
459	450 Washington Street	Maple-Sugar	20'-30'	19.43	61	Good		
460	454 Washington Street	Stump	0	0.00	0	N/A		
461	460 Washington Street	Oak-Red	>30'	38.54	121	Good		
462	466 Washington Street	Maple-Norway	20'-30'	19.43	61	Good		
463	470 Washington Street	Maple-Norway	10'-20'	14.97	47	Good		

464	474 Washington Street	Sweetgum-American	10'-20'	11.46	36	Good		
465	474 Washington Street	Sweetgum-American	10'-20'	12.10	38	Good		
		Stump	n/a	n/a	n/a	n/a		
466	480 Washington Street	Maple-Norway	20'-30'	19.75	62	Good		
467	Washington Street	Crabapple	<10'	5.73	18	Good		
468	Washington Street	Linden-Littleleaf	10'-20'	9.55	30	Good		
469	480 Washington Street	Maple-Norway	20'-30'	31.85	100	Fair	Recent sidewalk repair damaged roots	
470	472 Washington Street	Maple-Norway	20'-30'	22.93	72	Fair	Recent sidewalk repair damaged roots	
471	475 Washington Street	Dead	10'-20'	24.52	77	Dead		
472	495 Washington Street	Pear-Flowering	<10'	11.23		Poor	Extensive topping	
473	496 Washington Street	Crabapple	<10	10.56		Poor	Extensive topping	
500	Train Tracks and Ohio River Blvd	Pear Tree	<10'	7.01	22	Good		
501	Train Tracks and Ohio River Blvd	Yew Tree	10'-20'	21.02	66	Good		
502	Train Tracks and Ohio River Blvd	Apple Tree	10'-20'	10.19	32	Good		
503	Train Tracks and Ohio River Blvd	Tree of Heaven	10'-20'	20.06	63	Fair	Invasive and toxic	
504	Train Tracks and Ohio	Spruce-Blue	10'-20'	20.38	64	Dead		

	River Blvd							
505	Train Tracks and Ohio River Blvd	Apple Tree	<10'	9.55	30	Overgrown		
506	Train Tracks and Ohio River Blvd	Apple Tree	<10'	8.60	27	Overgrown		
507	Train Tracks and Ohio River Blvd	Spruce-Blue	10'-20'	21.34	67	Dead		
508	Train Tracks and Ohio River Blvd	Oak-Pin	>30'	39.49	124	Good		
509	Train Tracks and Ohio River Blvd	Oak-Pin	>30'	31.53	99	Good		
510	Train Tracks and Ohio River Blvd	Oak-Pin	>30'	34.39	108	Good		
511	Train Tracks and Ohio River Blvd	Pine-Eastern White	10'-20'	21.66	68	Good		
512	Train Tracks and Ohio River Blvd	Tree of Heaven	>30	23.57	74	Good	Invasive and toxic	
513	Train Tracks and Ohio River Blvd	Mulberry-White	>30'	38.22	120	Good		
514	Train Tracks and Ohio River Blvd	Spruce-Blue	10'-20'	16.56	52	Dead		
515	Train Tracks and Ohio River Blvd	Spruce-Blue	10'-20'	15.29	48	Good		
516	Train Tracks and Ohio River Blvd	Spruce-Blue	10'-20'	15.92	50	Good		

517	Train Tracks and Ohio River Blvd	Pine-Eastern White	10'-20'	22.29	70	Good		
518	Train Tracks and Ohio River Blvd	Box Elder	10'-20'	9.55	30	Good	multiple trees growing close together	
519	Train Tracks and Ohio River Blvd	Yew, overgrown with Maple-Norway	>30'	44.59	140	Good		
520	Train Tracks and Ohio River Blvd	Spruce-Norway	10'-20'	15.92	50	Good		
600	Veterans of Foreign Wars	Horsechestnut-Common	> 30'	42.99	135	Good		
601	Veterans of Foreign Wars	Cherry-Flowering	20'-30'	17.52	55	Good		
602	Veterans of Foreign Wars	Dogwood-Flowering	10'-20'	5.10	16	Good		
603	Veterans of Foreign Wars	Maple-Silver	> 30'	35.03	110	Good		
604	Veterans of Foreign Wars	Maple-Norway	> 30'	29.30	92	Good		
605	10 Sycamore Spur	Beech-Tricolor	20'-30'	24.20	76	Good	Gift of Mayor Mike Maruca, 1997	
606	Beaver & High School	Oak-Pin	> 30'	47.45	149	Good		
607	Beaver & High School	Redbud-Eastern	10'-20'	11.15	35	Good		
608	Beaver & High School	Redbud-Eastern	10'-20'	10.51	33	Good		
609	Beaver & High School	Magnolia	10'-20'	12.10	38	Good		

610	Beaver & High School	Magnolia	10'-20'	8.60	27	Good		
611	Beaver & High School	Crabapple	10'-20'	7.96	25	Good		
612	Beaver & High School	Maple-Japanese Red Emperor	10'-20'	14.33	45	Good		
613	Beaver & High School	Sweetgum-American	20'-30'	21.02	66	Good		
614	Beaver & High School	Oak-Pin	> 30'	41.72	131	Good		
615	Beaver & High School	Oak-Pin	> 30'	34.71	109	Good		
616	Beaver & High School	Oak-Red	> 30'	35.99	113	Good		
616	Beaver & high School	Dead Tree	n/a	n/a	n/a	Dead		
617	Beaver & High School	Oak-Pin	> 30'	34.71	109	Good		
618	Beaver & High School	Maple-Sugar	>10'	7.01	22	Good		
619	Beaver & High School	Oak-Pin	> 30'	38.22	120	Good		
620	Red Cap Cleaners	Tree of Heaven	> 30'	7.01	22	Good	Grove	
621	Red Cap Cleaners	Sumac	> 30'	55.41	174	Good		
622	Red Cap Cleaners	Elder-Box	20'-30'	19.75	62	Good		
623	Red Cap Cleaners	Elder-Box	10'-20'	13.06	41	Good		
624	Red Cap Cleaners	Elder-Box	<10'	5.41	17	Poor		
625	Red Cap Cleaners	Elder-Box	>10'	6.05	19	Poor		
626	Red Cap Cleaners	Tree of Heaven	>10'	7.96	25	Poor		
627	Red Cap Cleaners	Tree of Heaven	>10'	6.69	21	Good		

628	Red Cap Cleaners	Sumac		0.00	0	Grove		
629	Red Cap Cleaners	Pear-Ornamental		0.00	0	Overgrow n		

Appendix B: Tree Species Variety

Genus	Species	Common Name	Count	% of Distribution
Acer	ginnala	Maple-Amur	2	0.7%
	platanoides	Maple-Norway	20	7.1%
	saccharinum	Maple-Silver	3	1.1%
	saccharum	Maple-Sugar	17	6.0%
	x freemanii	Maple-Silver/Red Hybrid	6	2.1%
	campestre	Maple-Hedge	2	0.7%
	negundo	Elder-Box	5	1.8%
	palmatum 'Dissectum'	Maple-Japanese Miniature Cutleaf	1	0.4%
	palmatum	Maple-Japanese	2	0.7%
	platanoides 'Crimson King'	Maple-Norway 'Crimson King'	16	5.7%
	rubrum	Maple-Red	6	2.1%
Aesculus	flava	Buckeye-Yellow	1	0.4%
	glabra	Buckeye-Ohio	1	0.4%
	hippocastanum	Horsechestnut-Common	1	0.4%
	pavia	Buckeye-Red	1	0.4%

Ailanthus	altissima	Tree of Heaven	5	1.8%
Amelanchier	spp.	Serviceberry	1	0.4%
Betula	nigra	Birch-River	3	1.1%
Carya	spp.	Hickory	1	0.4%
Celtis	occidentalis	Hackberry	1	0.4%
Cercidiphyllum	japonicum	Katsura	2	0.7%
Cercis	canadensis	Redbud-Eastern	6	2.1%
Chionanthus	retusus	Fringetree-Chinese	1	0.4%
Cladrastis	kentukea	Yellowwood	1	0.4%
Cornus	spp	Dogwood	1	0.4%
	florida	Dogwood-Flowering	4	1.4%
	kousa	Dogwood-White Kousa	3	1.1%
	mas	Dogwood-Cornelian Cherry	2	0.7%
Crataegus	monogyna	Hawthorne	6	2.1%
Fagus	sylvatica	Beech-European	1	0.4%
	sylvatica 'Asplenifolia'	Beech-Fernleaf	1	0.4%
	sylvatica 'Purpurea'	Beech-Purple	2	0.7%
	sylvatica 'Purpurea Tricolor'	Beech-Tricolor	1	0.4%

Ginkgo	biloba	Gingko	1	0.4%
Gleditsia	triacanthos	Locust-Honey	5	1.8%
Gymnocladus	dioicus	Coffeetree-Kentucky	2	0.7%
Hibiscus	syriacus	Rose of Sharon	2	0.7%
Koelreuteria	paniculata	Goldenraintree-Paniced	1	0.4%
Liquidambar	styraciflua	Sweetgum-American	10	3.6%
Liriodendron	tulipifera	Tuliptree	2	0.7%
Magnolia	acuminata	Magnolia-Cucumber	1	0.4%
	spp.	Magnolia	4	1.4%
Malus	spp.	Crabapple	7	2.5%
	domestica	Apple Tree	4	1.4%
Metasequoia	glyptostroboides	Redwood-Dawn	6	2.1%
Morus	alba	Mulberry-White	2	0.7%
Nyssa	sylvatica	Tupelo-Black	2	0.7%
Picea	abies	Spruce-Norway	4	1.4%
	pungens	Spruce-Blue	10	3.6%
Pinus	strobus	Pine-Eastern White	6	2.1%
Platanus	× acerifolia	Planetree-London	1	0.4%

	occidentalis	Sycamore-American	3	1.1%
Prunus	pendula	Cherry-Weeping	2	0.7%
	serrulata	Cherry-Flowering	12	4.3%
Pseudotsuga	menziesii	Fir-Douglas	1	0.4%
Pyrus	calleryana	Pear-Ornamental	11	3.9%
Quercus	palustris	Oak-Pin	20	7.1%
	rubra	Oak-Red	4	1.4%
	imbricaria	Oak-Shingle	1	0.4%
	macrocarpa	Oak-Bur	1	0.4%
	montana	Oak-Chestnut	2	0.7%
Rhus	spp.	Sumac	2	0.7%
Robinia	pseudoacacia	Locust-Black	1	0.4%
Solanum	retroflexum	Sunberry	3	1.1%
Syringa	reticulata	Lilac-Japanese	7	2.5%
Syringa	Vulgaris	Lilac-Common	1	0.4%
Taxus	spp.	Yew Tree	2	0.7%
Thuja	spp	Arborvitae	1	0.4%
Tilia	cordata	Linden-Littleleaf	5	1.8%

Tsuga	spp.	Hemlock	1	0.4%
Ulmus	americana	Elm-American	3	1.1%
Ulmus	parvifolia	Elm-Laceleaf	1	0.4%
Zelkova	serrata	Zelkova-Japanese	1	0.4%
Total Trees			281	100%