Turners Falls

Public Tree Inventory

November 2015

Prepared for the Town of Montague
Planning and Conservation Department
and Department of Public Works

Table of Contents

Introduction and Project Area

The Village of Turners Falls in Montague, MA is lively with people, businesses, art, rivers—and trees. Trees line Avenue A and the streets that radiate from it. The Town sees the value in trees, which add to the vibrancy and attractiveness of its downtown and other areas.

The Directors of the Town of Montague's Planning and Conservation Department and Department of Public Works recognize the value of having a baseline public tree inventory in Turners Falls. This inventory will serve many purposes including:

* Establishing a baseline with which trends—such as trees removed and trees planted—can be compared
* Considering street trees as part of the Town's overall green infrastructure
* Helping the DPW manage maintenance and planting schedules
* Helping the Town to set planting goals and determine budgets
* Supporting claims to FEMA in the case of significant losses due to severe weather and other hazards
* Supporting applications for funding tree planting and planning projects

The baseline tree inventory was conducted in the summer and fall of 2015 by FRCOG staff. Montague's Planning and Conservation Department and Department of Public Works provided input on the data that should be collected as part of the inventory.

The project area is the same one used for the Downtown Turners Falls Livability Plan, conducted in 2013, and is shown in the map to the right.

Methodology

Technology used:

Data was collected using Collector for ArcGIS on an Android device. A GIS-based map, which includes a tree layer with data fields, a street base map, parcel data and impermeable surfaces, was created and shared as part of this inventory. Each tree was inventoried and saved as a data point on the map.

The Town of Montague was provided with the final baseline data and shapefile, which can be used in ArcMap along with other datalayers. Ideally, the DPW could use the datalayer and make updates to it using a smartphone or tablet in the field. The Town was also given printed maps and this final report.

Methodology (cont.)

Data fields:

ID: Unique identification number

Lat/Long: Latitude and longitude point data

Inventory Date: Date of baseline inventory

Street: Street name and corner location, where appropriate

Street Number: Nearest street number

Genus: Scientific genus name

Species: Scientific species name

Common: Common Name, Cultivar

DBH: Diameter to nearest inch at 4-½ feet above the ground

Tree Height: Estimated height rounded to the nearest 5' foot Increment

Tree Spread (Canopy): Estimated width rounded to the nearest 5' foot Increment

Condition: Ratings based upon visual inspection of the trees' physical appearance, including presence of crown die back, dead and/or dangerous limbs, rotting or missing bark and the presence of insects. Actual condition to be confirmed by tree warden or arborist.

G = Good to excellent
F = fair to good
P = Tree warden inspection recommended
D = Dead

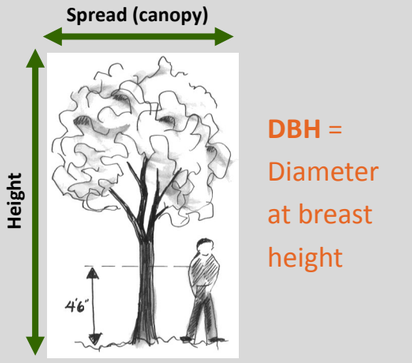
Sidewalk: Tree roots have disrupted sidewalk.

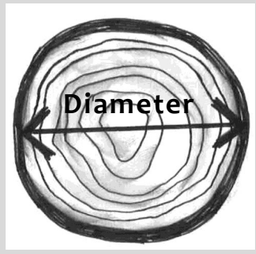
n: No disruption present
m: Minor disruption present
s: Significant disruption present
n/a: no sidewalk present

Notes: Any distinctive characteristics or immediate needs

Measures

The trees were measured using a tape measure that converts circumference to diameter. The height and spread (canopy) of trees were typically estimated to the nearest 5 foot increment.





General Observations: A total of 441 trees located on town-owned land (primarily tree belts, parks and municipal parking lots) in the study area were geo-located, identified by genus, species, and common name. Data such as DBH, height, spread, condition and other properties (complete list shown on previous page) were also collected. The following pages analyze the implications of the findings.

Trees are generally in quite good condition. Regular tree maintenance seems to be the norm in Turners Falls, and the result can be seen in trees that are generally strong and have few dead branches or other issues. The trees belts (the grassy strips between the street and sidewalks) are typically fairly wide and provide trees adequate area to grow and obtain water and nutrients. Few sidewalks are disrupted from tree roots and few trees are interfering with utility lines.

Peskeomskut Park on Avenue A contains a rich diversity of trees and is a pleasant place to explore the many species. Most streets have an ample number of trees although nearly one quarter of the trees are those with smaller stature, which are not able to provide as much benefit as larger shade trees. In many cases, smaller stature trees are located under utility lines, which is an excellent choice rather than having no tree or planting a tree that would inevitably become entangled in the utility lines and would require ongoing pruning.

Note: See the Appendix for the complete baseline tree data.

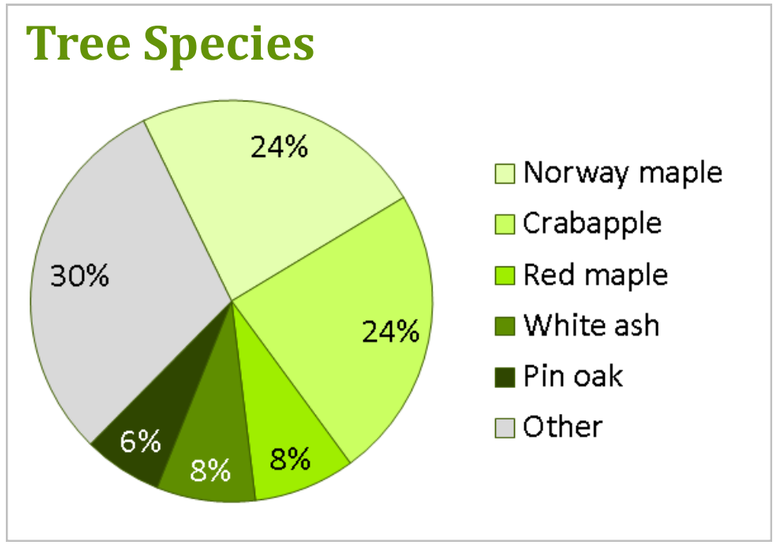
Environmental Justice Populations and Trees: Based upon census data, the entire study area is identified as an Environmental Justice (EJ) area, based upon low income or ethnicity (at least 12% of households making less than $15,000 per year or at least 9% of the population are non-whites or Hispanics).

EJ populations can often face challenges above and beyond limited wealth and social inequity. Frequently, EJ populations may be subjected to conditions such as substandard housing, living next to highways and railroads, having more impermeable surfaces (parking lots) and having undesirable businesses or industry located in their neighborhoods.

In considering the relationship between trees and EJ populations, areas with fewer street trees typically have lower property values, have higher summer cooling costs, and are less pleasant for pedestrians. Since the entire study area is an Environmental Justice area, there are no comparisons to be made with areas not classified as such. However, when the Town is assessing other areas in the future, consideration should given to prioritizing Environmental Justice areas for the planting of trees.

Findings

24% of all trees in the project area are **Norway maples** and **24%** are **crabapples**



SUMMARY IMPLICATIONS: With about one quarter of all trees in the project area identified as **Norway maples** (*Acer platanoides*) and one quarter identified as **crabapples** (Malus spp.), Turners Falls' street trees lack the kind of species diversity that would help protect the tree population against disease. Tree species tend to be planted multiple times on the same street, as shown in the map to the right. This type of planting pattern, while esthetically pleasing, could intensify the likelihood that a disease could spread to nearby trees of the same species.

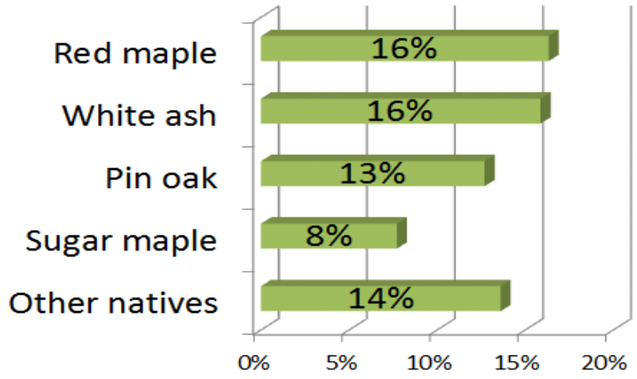
As seen throughout history, lack of tree species diversity can have catastrophic consequences. Dutch Elm Disease, introduced into the states in the 1930s, had a devastating impact on elms, most of which succumbed to the disease. In the project area, only three American Elms (*Ulmus americana*) were identified.

In addition to the substantial percentage of Norway maples contributing to lack of tree species diversity in Town, Norway maples are also non-native trees and are considered invasive. They are listed on the MA Department of Agricultural Resources ***Massachusetts Prohibited Plant List***, which prohibits the importation, sale, and trade of the plants. Individual trees can produce large quantities of seeds that are dispersed by wind and invade forests, forest edges, and urban areas alike. The dense canopy formed by Norway maple inhibits the regeneration of sugar maples and other diverse tree species, important to our mixed hardwood forests. This condition can be observed in forests nearby Turners Falls. In Rocky Mountain Park, just west of Turners Falls, Norway maples are choking out other native understory trees, such as hop hornbeam and witchhazel.

Mass groupings of the same tree species could increase the risk of disease spreading

Findings (cont.)

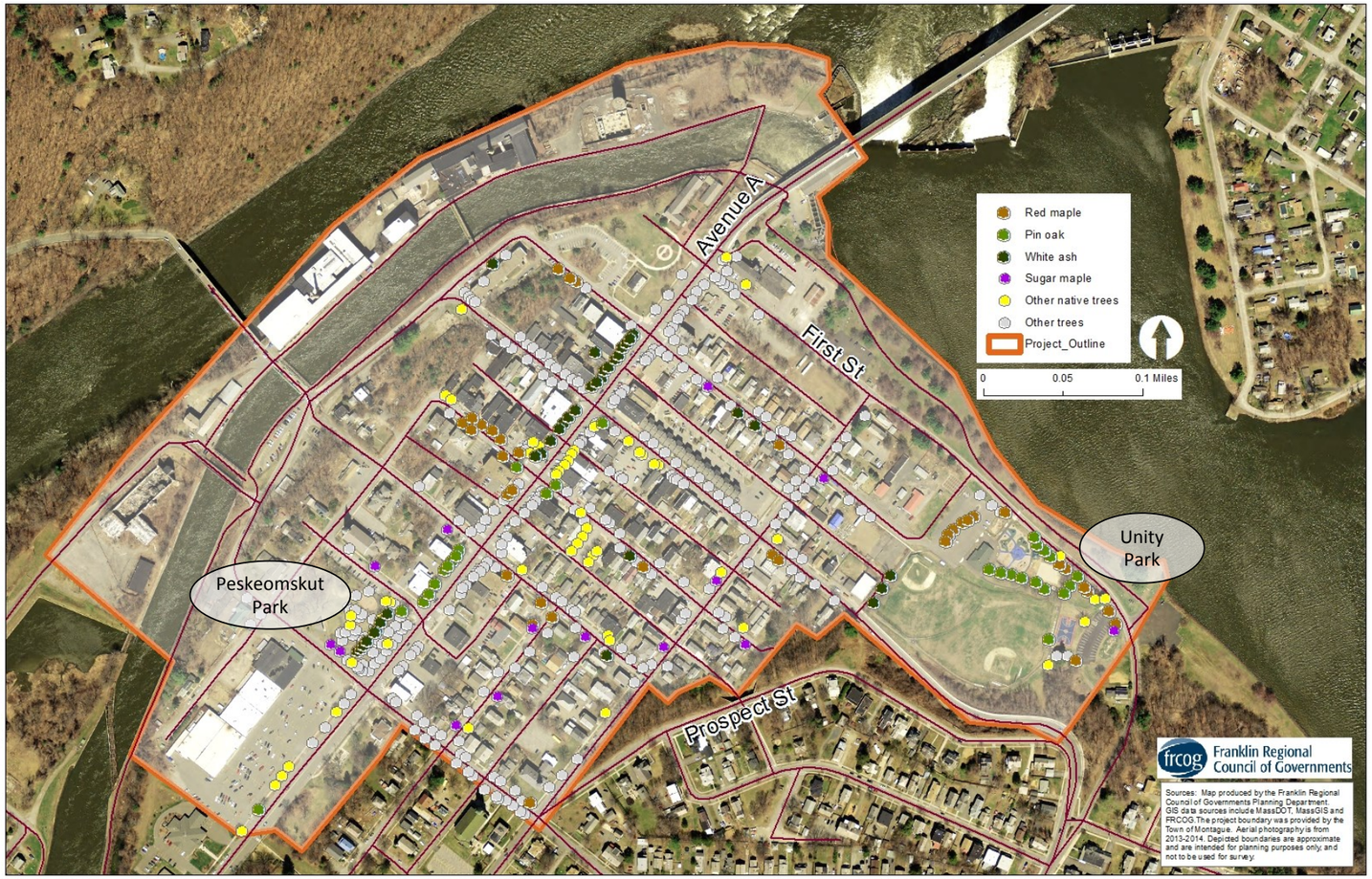
Native* Tree Species



About **2/3** of all trees in the project area are native trees or cultivars of native trees

SUMMARY IMPLICATIONS: Turners Falls' public tree population includes native trees—66% of all trees—which typically reach sizes substantial enough to provide significant shade. Of all trees in Turners, native red maple and white ash comprise 16% each. Shade trees, particularly native species, are important to Turners Falls for the ecological services and the green infrastructure functions they provide. Native trees also tend to better resist damage from freezing, drought, and common diseases than trees from other parts of the world.

As Turners Falls plants more street trees in the coming years, selecting native species that will grow to have a significant canopy is particularly important, especially given the anticipated impacts of climate change, such as more frequent and heavier rains. More research into climate change-resilient and insect-tolerant native tree species should be reviewed so that the Town can select trees that have the best possible chances of survival.

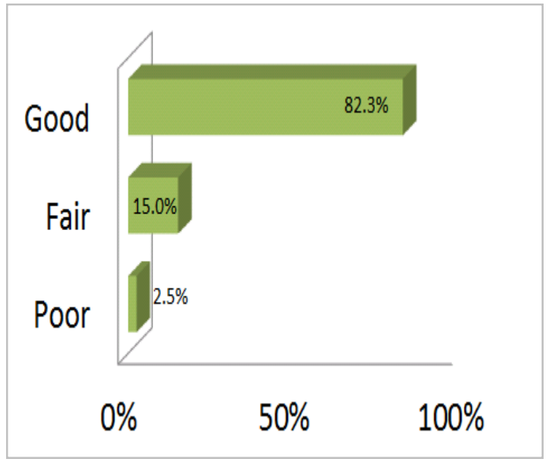


Native trees are dispersed throughout the project area, including concentrations in Unity and Peskeomskut Parks.

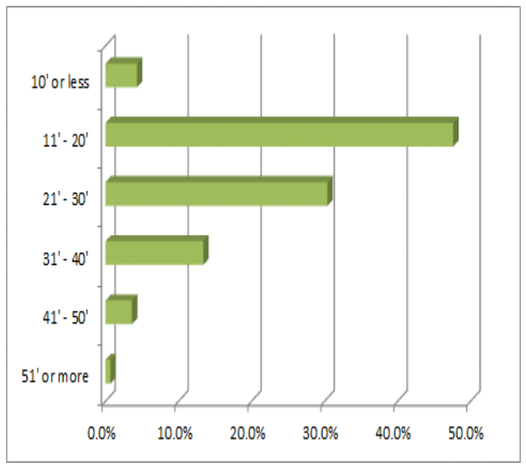
**"Native tree" is defined as having a geographic range that includes New England or a tree that is from North America and is naturalized in New England. Crabapples are not included as native trees, since most are from outside North America. See the Appendix for a complete list of tree species.*

Findings (cont.)

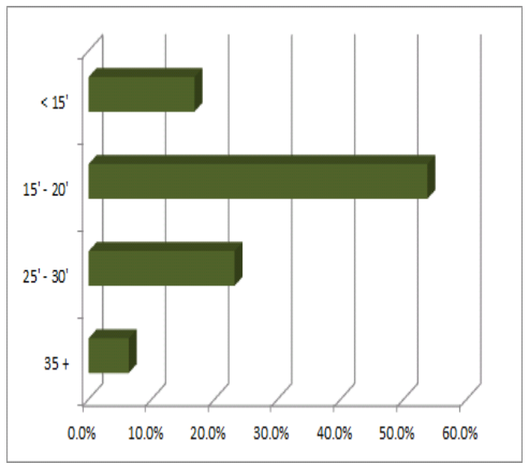
Tree Condition



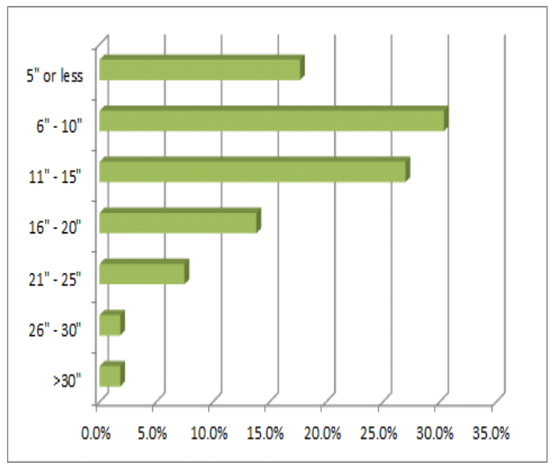
Tree Height



Tree Spread (Canopy)



Tree Trunk Diameter



Over 82% of all trees in the project area are in good condition.

Less than 5% of all trees in the project area are taller than 40 feet.

About 3/4 of all trees in the project area have a spread - or canopy - between 15 and 30 feet.

Nearly 3/4 of all trees in the project area have a diameter of 15 inches or less.

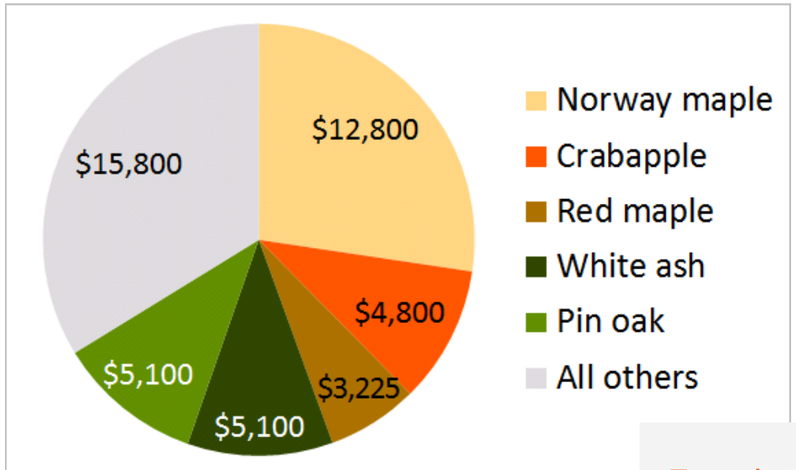
SUMMARY IMPLICATIONS: Trees in the Turners Falls project area are predominantly in good condition, based upon a visual assessment conducted as part of the inventory. Only 15% are in fair condition and less than 3% are in poor condition. Continued investment in regular tree maintenance will help the Town to avoid costly deferred maintenance and the unnecessary loss of trees.

Trees in the Turners Falls project area are generally small to medium in size. There are few trees that are remarkable for the size. Less than 5% are taller than 40 feet and the majority of trees have a spread or canopy of 15 to 30 feet. Based on these findings and the finding that most trees have a trunk diameter of 15 inches or less, it is reasonable to state that the public tree population is relatively young.

Smaller and/or younger trees do not provide as substantial benefits as do larger, older trees, such as stormwater filtration, air purification, shade, reduced cooling costs and higher property values. On the other hand, Turners Falls is in the position to reap the benefits of its younger public trees as the trees mature and begin to provide more of those benefits.

Findings (cont.)

Tree Value



Trees in the project area provide roughly **$46,800 in annual benefits**.

SUMMARY IMPLICATIONS:

Public trees provide services to the Town and its residents such as increasing property values and lowering energy costs. To determine the monetary value of the benefits, a simple assessment of the annual benefits provided by all the trees inventoried was conducted using the National Tree Benefit Calculator*, which calculates benefits using the geographic location and diameter of trees. The 441 trees inventoried provide roughly $46,800 in annual benefits. Typically, as trees get larger, their value increases.

Tree benefits are converted into monetary value taking into account the following considerations:

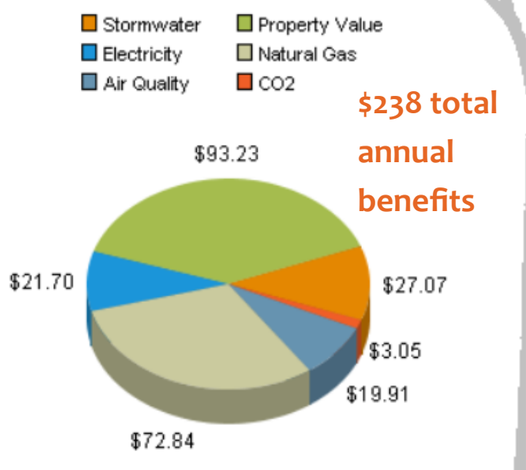
- **Stormwater**: the gallons of stormwater intercepted by a tree
- **Energy:** the amount of electricity or natural gas conserved through a tree's summer cooling by shading
- **Property Value:** the increase in the value of a property with a tree in front of it
- **Air Quality:** the amount of mitigation of the health effects of pollution provided by a tree
- **CO2:** the amount of carbon sequestered by a tree

The Tree Benefit Calculator is intended to be simple and accessible. As such, this tool should be considered a starting point for understanding trees' value in the community, rather than a scientific accounting of precise values. It is recommended that a more precise assessment of the trees be conducted, using a calculator or software such as iTree.**

Sample Tree Benefits

A pin oak in Turners Falls with a 24" in diameter trunk provides about $238 of overall benefits every year. It's greatest benefit in terms of monetary value is increased property value. EJ neighborhoods, the values trees can provide in terms of increased property value, decreased cooling costs and better air quality are particularly important.

Example: Total Benefits of a 24" DBH Pin Oak



*http://www.treebenefits.com/calculator/index.cfm
**http://www.itreetools.org/

Recommendations

Based upon the findings of this Baseline Tree Inventory, the following goals and strategies are recommended. The Town of Montague Planning and Conservation Department and Department of Public Works identified the items shaded in blue as priority items.

Goals	Strategies	Responsible Group
Use the baseline inventory.		
	Utilize inventory results to help plan priority tree maintenance and planting needs.	DPW; Tree Warden
	Utilize baseline tree inventory to track tree condition, maintenance and planting via a tablet or Smartphone , updating annually with an annual report and datalayer.	DPW; Tree Warden
	Incorporate street trees into overall strategies to improve or add new green infrastructure elements to Town.	DPW; Dept. of Planning and Development
Build on the baseline inventory.		
	Seek funding to conduct a phase 2 baseline tree inventory to include any densely populated areas and/or streets on the perimeter of the project area.	Planning and Conservation Department; FRCOG
	Seek funding to conduct a Town-wide tree planting and maintenance plan, including priority planting areas and best planting and maintenance practices.	Planning and Conservation Department; FRCOG
	Compare hand-written inventory conducted about ten years ago with current data to determine trends in trees planted and trees removed.	FRCOG; Tree Warden
Continue to maintain and plant more public trees.		
	Increase DPW staffing to conduct tree maintenance and planting.	DPW; City Council
	Pursue targeted funding for planting trees and providing public education in Environmental Justice Areas, such as the DCR Environmental Justice Challenge Grant.	Planning and Conservation Department; FRCOG
Educate and involve the public.		
	Conduct public education and outreach extolling the benefits of trees.	Planning and Conservation Department; DPW; Tree Warden; FRCOG
	Establish a Tree Committee and pursue partnerships with existing Town groups to support the DPW's work in planting and maintaining public trees.	The public; Town departments or committees
	Consider pursuing a Tree City USA status.	DPW; Tree Warden; Dept. of Planning and Development; Tree Committee

Appendix

Complete Tree Inventory Data

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
American elm	Ulmus	americana	32	40	25	m	g		5th Street	42.60667028	-72.55768519	
Apple	Malus	spp	10	15	15	n	f	85	Avenue A	42.60823182	-72.55656928	dead branch
Apple	Malus	spp	8	20	15	n	f	75	5th Street	42.60629618	-72.55702882	misshapen and leaning but ok
Apple	Malus	spp	9	20	15	n	g	85	Avenue A	42.60828514	-72.55649369	
Apple	Malus	spp	13	20	15	n	g	85	Avenue A	42.60832377	-72.55645698	
Apple	Malus	spp	2	10	18	n	g	66	4th Street	42.60712466	-72.55692423	
Autumn olive	Elaeagnus	umbellata	2	15	10	n	g		2nd Street	42.60796091	-72.55447388	
Black cherry	Prunus	serotina	3	20	15	n	g		Peskeomskut Park	42.60597958	-72.55933736	probably a volunteer tree
Black cherry	Prunus	serotina	22	45	30	n	g		Peskeomskut Park	42.60635678	-72.55931108	minor dead branches
Callary pear	Pyrus	calleryana	5	15	10	n	f	57	Avenue A	42.60859032	-72.55619125	
Callary pear	Pyrus	calleryana	2	15	5	n	g	0	Avenue A	42.60521375	-72.56008198	
Callary pear	Pyrus	calleryana	6	20	12	n	g	15	5th Street	42.60741295	-72.55897147	
Callary pear	Pyrus	calleryana	15	25	15	n	g	0	1st Street	42.60920621	-72.55510355	
Callary pear	Pyrus	calleryana	7	25	15	n	g	57	Avenue A	42.60861683	-72.55616419	
Callary pear	Pyrus	calleryana	10	30	20	n	g	107	Avenue A	42.60792949	-72.55686576	
Callary pear	Pyrus	calleryana	9	30	20	n	g	88	L Street	42.60652111	-72.55536888	
Callary pear	Pyrus	calleryana	14	25	25	n	g		2nd Street	42.60868467	-72.55573779	
Callary pear	Pyrus	calleryana	15	25	25	n	g		2nd Street	42.60863154	-72.55592268	
Callary pear	Pyrus	calleryana	1	15	5	n	g	152	Avenue A	42.60744915	-72.55773625	
Callary pear	Pyrus	calleryana	1	15	10	n	g	0	Avenue A	42.60597398	-72.55928346	
Callary pear	Pyrus	calleryana	6	20	15	n	g	0	Avenue A	42.60951390	-72.55525251	
Callary pear	Pyrus	calleryana	7	25	15	n	g	0	1st Street	42.60941172	-72.55520363	
Callary pear	Pyrus	calleryana	3	25	20	n	g	0	Gatehouse Drive	42.60954467	-72.55508519	
Cornelian cherry	Cornus	mas	1	10	5	n	f		Peskeomskut Park	42.60599033	-72.55964444	
Cornelian cherry	Cornus	mas	1	10	10	n	g		Peskeomskut Park	42.60604103	-72.55961209	
Crabapple	Malus	spp	3	12	5	n	d	95	5th Street	42.60596670	-72.55644685	
Crabapple	Malus	spp	7	15	10	n	f	169	Avenue A	42.60711206	-72.55777649	
Crabapple	Malus	spp	5	12	15	n	f	51	Avenue A	42.60869087	-72.55608995	
Crabapple	Malus	spp	4	15	15	n	f	19	3rd Street	42.60911786	-72.55835056	few dead branches
Crabapple	Malus	spp	7	15	15	n	f	23	Avenue A	42.60890600	-72.55586416	
Crabapple	Malus	spp	4	15	15	n	f	1	K Street	42.60609586	-72.55735992	needs pruning
Crabapple	Malus	spp	8	15	20	n	f		3rd Street	42.60751838	-72.55581700	dead branches
Crabapple	Malus	spp	8	15	20	n	f	0	L Street	42.60675774	-72.55489477	needs pruning
Crabapple	Malus	spp	12	15	20	n	f	57	L Street	42.60737267	-72.55431029	needs pruning
Crabapple	Malus	spp	7	20	20	n	f	43	3rd Street	42.60838684	-72.55702404	dead and dying branches
Crabapple	Malus	spp	30	40	25	n	f		7th Street	42.60637694	-72.56106911	

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Crabapple	Malus	spp	8	20	35	n	f	43	3rd Street	42.60840707	-72.55709432	one significant dead branch
Crabapple	Malus	spp	1	10	5	n	g	107	Avenue A	42.60800770	-72.55679292	
Crabapple	Malus	spp	1	10	5	n	g	113	Avenue A	42.60781846	-72.55699559	
Crabapple	Malus	spp	2	15	5	n	g	0	L Street	42.60623720	-72.55571884	
Crabapple	Malus	spp	2	15	5	n	g	0	L Street	42.60629016	-72.55566185	
Crabapple	Malus	spp	2	10	10	n	g	127	4th Street	42.60630146	-72.55525827	
Crabapple	Malus	spp	2	10	10	n	g		5th Street	42.60651418	-72.55742513	
Crabapple	Malus	spp	7	10	10	n	g	185	Avenue A	42.60644149	-72.55843481	
Crabapple	Malus	spp	6	10	10	n	g	59	L Street	42.60726871	-72.55442001	
Crabapple	Malus	spp	1	10	10	n	g		Peskeomskut Park	42.60630887	-72.55982575	
Crabapple	Malus	spp	2	10	10	n	g		Peskeomskut Park	42.60609875	-72.55972757	
Crabapple	Malus	spp	5	12	10	n	g	85	Avenue A	42.60819160	-72.55659293	
Crabapple	Malus	spp	9	15	10	n	g	90	7th Street	42.60446120	-72.55767144	
Crabapple	Malus	spp	11	15	10	n	g	90	7th Street	42.60444069	-72.55762029	
Crabapple	Malus	spp	10	15	10	n	g	185	Avenue A	42.60629690	-72.55857031	
Crabapple	Malus	spp	7	12	12	n	g	99	3rd Street	42.60724752	-72.55505906	
Crabapple	Malus	spp	4	12	12	n	g	73	4th Street	42.60713107	-72.55666246	
Crabapple	Malus	spp	6	15	15	n	g	0	1st Street	42.60935984	-72.55534225	
Crabapple	Malus	spp	8	15	15	n	g	0	1st Street	42.60932497	-72.55528533	
Crabapple	Malus	spp	4	15	15	n	g	15	3rd Street	42.60915047	-72.55837549	
Crabapple	Malus	spp	7	15	15	n	g		3rd Street	42.60713391	-72.55486229	
Crabapple	Malus	spp	7	15	15	n	g		3rd Street	42.60718103	-72.55493029	
Crabapple	Malus	spp	5	15	15	n	g	77	4th Street	42.60710061	-72.55660951	
Crabapple	Malus	spp	8	15	15	n	g	80	7th Street	42.60466347	-72.55811794	
Crabapple	Malus	spp	9	15	15	n	g	80	7th Street	42.60458256	-72.55794196	
Crabapple	Malus	spp	9	15	15	n	g	80	7th Street	42.60460457	-72.55797009	
Crabapple	Malus	spp	7	15	15	n	g	90	7th Street	42.60456059	-72.55784659	
Crabapple	Malus	spp	9	15	15	n	g	90	7th Street	42.60451673	-72.55776423	
Crabapple	Malus	spp	5	15	15	n	g		7th Street	42.60482049	-72.55831644	low hanging branches need pruning
Crabapple	Malus	spp	8	15	15	n	g	23	Avenue A	42.60885654	-72.55590807	branch needs pruning
Crabapple	Malus	spp	10	15	15	n	g	151	Avenue A	42.60738098	-72.55745838	
Crabapple	Malus	spp	11	15	15	n	g	159	Avenue A	42.60718555	-72.55765783	
Crabapple	Malus	spp	10	15	15	n	g	169	Avenue A	42.60689812	-72.55793721	
Crabapple	Malus	spp	8	15	15	n	g	175	Avenue A	42.60664507	-72.55819378	
Crabapple	Malus	spp	6	15	15	n	g	179	Avenue A	42.60652370	-72.55837990	
Crabapple	Malus	spp	10	15	15	n	g	53	L Street	42.60750445	-72.55413751	
Crabapple	Malus	spp	10	15	15	n	g	55	L Street	42.60744403	-72.55421520	
Crabapple	Malus	spp	6	20	15	n	g	0	1st Street	42.60927266	-72.55518406	
Crabapple	Malus	spp	7	20	15	n	g	0	1st Street	42.60929716	-72.55524247	
Crabapple	Malus	spp	5	20	15	n	g		7th Street	42.60490217	-72.55846586	
Crabapple	Malus	spp	11	20	15	n	g	175	Avenue A	42.60668514	-72.55815804	
Crabapple	Malus	spp	8	20	15	n	g	179	Avenue A	42.60646299	-72.55842772	
Crabapple	Malus	spp	9	25	15	n	g		Peskeomskut Park	42.60623075	-72.55917424	
Crabapple	Malus	spp	8	15	20	n	g	86	3rd Street	42.60750731	-72.55578512	

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Crabapple	Malus	spp	8	15	20	n	g		3rd Street	42.60754164	-72.55584796	pit and grate
Crabapple	Malus	spp	5	15	20	n	g	69	5th Street	42.60642003	-72.55726088	
Crabapple	Malus	spp	7	15	20	n	g	159	Avenue A	42.60729670	-72.55753087	
Crabapple	Malus	spp	11	15	20	n	g	159	Avenue A	42.60725583	-72.55756903	
Crabapple	Malus	spp	8	15	20	n	g	169	Avenue A	42.60696783	-72.55788294	
Crabapple	Malus	spp	13	15	20	n	g	179	Avenue A	42.60649587	-72.55841499	
Crabapple	Malus	spp	8	15	20	n	g	59	L Street	42.60720607	-72.55445462	
Crabapple	Malus	spp	10	15	20	n	g	63	L Street	42.60711367	-72.55455957	
Crabapple	Malus	spp	10	15	20	n	g	84	L Street	42.60696841	-72.55495386	
Crabapple	Malus	spp	10	15	20	n	g	111	L Street	42.60580534	-72.55587336	
Crabapple	Malus	spp	9	20	20	n	g	75	2nd Street	42.60844620	-72.55529718	
Crabapple	Malus	spp	8	20	20	n	g	84	2nd Street	42.60818715	-72.55514030	
Crabapple	Malus	spp	7	20	20	n	g	92	2nd Street	42.60803894	-72.55488480	
Crabapple	Malus	spp	6	20	20	n	g	25	3rd Street	42.60879352	-72.55774610	
Crabapple	Malus	spp	8	20	20	n	g	86	3rd Street	42.60747205	-72.55570254	
Crabapple	Malus	spp	7	20	20	n	g		7th Street	42.60478605	-72.55825962	low hanging branches need pruning
Crabapple	Malus	spp	10	20	20	n	g		7th Street	42.60511934	-72.55885328	
Crabapple	Malus	spp	11	20	20	n	g	51	Avenue A	42.60864785	-72.55612883	
Crabapple	Malus	spp	10	20	20	n	g	151	Avenue A	42.60733886	-72.55748132	
Crabapple	Malus	spp	9	20	20	n	g		Peskeomskut Park	42.60600719	-72.55963439	
Crabapple	Malus	spp	11	25	20	n	g		Peskeomskut Park	42.60614326	-72.55924123	
Crabapple	Malus	spp	11	25	20	n	g		Peskeomskut Park	42.60608870	-72.55932326	
Crabapple	Malus	spp	11	25	20	n	g		Peskeomskut Park	42.60598085	-72.55939209	
Crabapple	Malus	spp	15	25	20	n	g		Peskeomskut Park	42.60589512	-72.55950564	measured below split
Crabapple	Malus	spp	15	25	20	n	g		Peskeomskut Park	42.60579072	-72.55963368	
Crabapple	Malus	spp	13	28	20	n	g	0	1st Street	42.60925652	-72.55513707	
Crabapple	Malus	spp	8	15	25	n	g	101	4th Street	42.60674179	-72.55598065	
Crabapple	Malus	spp	6	20	25	n	g	41	3rd Street	42.60850835	-72.55729625	
Crabapple	Malus	spp	13	20	25	n	g	69	5th Street	42.60638603	-72.55718820	
Crabapple	Malus	spp	16	25	25	n	g	127	4th Street	42.60626189	-72.55516441	measured at 2'
Crabapple	Malus	spp	18	25	25	n	g	62	7th Street	42.60520110	-72.55898531	
Crabapple	Malus	spp	11	25	25	n	g	177	Avenue A	42.60660076	-72.55828389	
Crabapple	Malus	spp	15	20	30	n	g	3	3rd Street	42.60854906	-72.55737500	
Crabapple	Malus	spp	12	25	30	n	g	23	3rd Street	42.60872702	-72.55765323	
Crabapple	Malus	spp	9	25	30	n	g	33	3rd Street	42.60860688	-72.55740872	
Crabapple	Malus	spp	14	20	35	n	g	41	3rd Street	42.60845261	-72.55717625	
Crabapple	Malus	spp	15	25	35	n	g	29	3rd Street	42.60869154	-72.55757957	
Crabapple	Malus	spp	17	25	20	n	g	178	Avenue A	42.60720589	-72.55803635	
Crabapple	Malus	spp	9	15	10	n	p	175	Avenue A	42.60672989	-72.55811487	dead limb
Crabapple	Malus	spp	10	15	15	n	p	19	3rd Street	42.60910309	-72.55830733	dead branches; missing bark
Crabapple	Malus	spp	15	25	25	n	p	31	3rd Street	42.60864041	-72.55748750	leaning on bldg; missing bark; dead branches
Elm	Ulmus	spp	20	35	25	n	g	0	Avenue A	42.60425748	-72.56109430	
Elm	Ulmus	spp	29	40	15	n	p	136	L Street	42.60537297	-72.55663250	few limbs left some crown dieback
Flowering dogwood	Cornus	florida	9	20	15	n	f	0	Avenue A	42.60779594	-72.55749777	

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Flowering dogwood	Cornus	florida	9	20	15	n	g	0	Avenue A	42.60783244	-72.55756882	
Flowering dogwood	Cornus	florida	8	20	20	n	g	0	Avenue A	42.60772798	-72.55761116	
Ginkgo	Ginkgo	biloba	2	15	5	n	g		Peskeomskut Park	42.60607773	-72.55984402	
Ginkgo	Ginkgo	biloba	8	30	20	n	g		5th Street	42.60701270	-72.55832309	
Ginkgo	Ginkgo	biloba	13	30	20	n	g		5th Street	42.60681950	-72.55794430	
Hawthorn	Crataegus	spp	2	15	10	n	g	7	4th Street	42.60824666	-72.55865408	
Hawthorn	Crataegus	spp	3	15	10	n	g	11	4th Street	42.60821329	-72.55858195	
Hawthorn	Crataegus	spp	4	15	15	n	g	85	L Street	42.60666531	-72.55522383	
Hawthorn	Crataegus	spp	10	20	15	n	g	89	5th Street	42.60608077	-72.55661276	
Hawthorn	Crataegus	spp	8	20	20	n	g	60	4th Street	42.60719096	-72.55697101	
Hawthorn	Crataegus	spp	10	20	20	n	g	87	5th Street	42.60603576	-72.55658938	
Honey locust	Gliditsia	triacanthos	8	15	15	n	g	78	3rd Street	42.60763446	-72.55602095	sidewalk pit present
Honey locust	Gliditsia	triacanthos	15	30	15	n	g		parking lot	42.60684738	-72.55707797	significant suckering
Honey locust	Gliditsia	triacanthos	8	20	20	n	g		3rd Street	42.60775131	-72.55625303	
Honey locust	Gliditsia	triacanthos	9	20	20	n	g		3rd Street	42.60772669	-72.55622665	
Honey locust	Gliditsia	triacanthos	15	25	20	n	g		parking lot	42.60691749	-72.55700707	
Honey locust	Gliditsia	triacanthos	15	30	20	n	g		parking lot	42.60674713	-72.55686764	
Honey locust	Gliditsia	triacanthos	11	20	25	n	g		3rd Street	42.60764640	-72.55607355	
Honey locust	Gliditsia	triacanthos	12	25	25	n	g		parking lot	42.60698053	-72.55694886	minor dead branches
Honey locust	Gliditsia	triacanthos	15	30	25	n	g		parking lot	42.60680915	-72.55681066	
Honey locust	Gliditsia	triacanthos	15	30	25	n	g		parking lot	42.60684607	-72.55676274	
Honey locust	Gliditsia	triacanthos	16	35	25	n	g	0	Avenue A	42.60534849	-72.55994962	
Honey locust	Gliditsia	triacanthos	15	30	30	n	g		parking lot	42.60705714	-72.55689746	
Honey locust	Gliditsia	triacanthos	14	25	35	n	g		3rd Street	42.60784968	-72.55639649	
Japanese tree lilac	Syringa	vulgaris	2	10	10	n	g		2nd Street	42.60813364	-72.55479361	
Japanese tree lilac	Syringa	vulgaris	2	15	12	n	g		Peskeomskut Park	42.60645805	-72.55957623	
Kousa dogwood	Cornus	kousa	2	15	15	n	g		Peskeomskut Park	42.60599162	-72.55946924	
Kousa dogwood	cornus	kousa	2	15	15	n	g		Peskeomskut Park	42.60601874	-72.55945808	
Little leaf linden	Tillia	cordata	8	15	10	n	f	7	Avenue A	42.60928634	-72.55548119	
Little leaf linden	Tillia	cordata	8	20	15	n	f	0	Avenue A	42.60900754	-72.55578360	
Little leaf linden	Tillia	cordata	12	20	15	m	f	190	Avenue A	42.60588308	-72.55904221	topped utilities
Little leaf linden	Tillia	cordata	14	25	20	m	f	0	Avenue A	42.60577449	-72.55913674	
Little leaf linden	Tillia	cordata	5	20	12	n	g		Peskeomskut Park	42.60620333	-72.55951971	
Little leaf linden	Tillia	cordata	5	25	12	n	g		Peskeomskut Park	42.60641792	-72.55972585	
Little leaf linden	Tillia	cordata	12	15	15	n	g	0	Avenue A	42.60573480	-72.55919405	
Little leaf linden	Tillia	cordata	8	15	15	n	g	7	Avenue A	42.60921996	-72.55557672	
Little leaf linden	Tillia	cordata	11	20	15	n	g		alley	42.60752800	-72.55649496	
Little leaf linden	Tillia	cordata	9	20	15	n	g	0	Avenue A	42.60905157	-72.55572516	
Little leaf linden	Tillia	cordata	6	20	15	n	g	7	Avenue A	42.60914302	-72.55562684	
Little leaf linden	Tillia	cordata	10	20	15	n	g	148	L Street	42.60480034	-72.55715885	
Little leaf linden	Tillia	cordata	6	20	15	n	g		Peskeomskut Park	42.60624685	-72.55965067	
Little leaf linden	Tillia	cordata	6	20	15	n	g		Peskeomskut Park	42.60628080	-72.55973715	
Little leaf linden	Tillia	cordata	15	35	15	n	g	0	Avenue A	42.60542654	-72.55985842	
Little leaf linden	Tillia	cordata	10	20	20	n	g	73	5th Street	42.60631732	-72.55707051	

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Little leaf linden	Tillia	cordata	12	20	20	n	g		6th Street	42.60684313	-72.55981813	
Little leaf linden	Tillia	cordata	12	20	20	n	g	23	Avenue A	42.60897042	-72.55580381	
Little leaf linden	Tillia	cordata	15	25	20	n	g		alley	42.60757596	-72.55661524	
Little leaf linden	Tillia	cordata	10	25	20	m	g	190	Avenue A	42.60591749	-72.55899485	
Little leaf linden	Tillia	cordata	17	30	20	m	g	0	Avenue A	42.60551380	-72.55977274	
Little leaf linden	Tillia	cordata	18	30	20	n	g	0	Avenue A	42.60506597	-72.56023918	
Little leaf linden	Tillia	cordata	14	30	20	m	g	190	Avenue A	42.60595921	-72.55895810	
Little leaf linden	Tillia	cordata	7	20	15	n	p		alley	42.60750718	-72.55646357	total leaf loss
London Planetree	Platanus	× acerifolia	3	20	12	n	g		Peskeomskut Park	42.60612698	-72.55949135	
Maple	Acer	spp	1	12	5	n	g	0	Avenue A	42.60476175	-72.56060914	
Maple	Acer	spp	1	12	5	n	g	0	Avenue A	42.60484942	-72.56053610	
Maple	Acer	spp	20	45	20	n	g	0	Avenue A	42.60929408	-72.55497125	
Maple	Acer	spp	22	40	25	n	g		Peskeomskut Park	42.60620454	-72.55941803	
Maple	Acer	spp	5	15	5	n	p	0	Avenue A	42.60467835	-72.56069805	dying limbs, missing bark
Norway maple	Acer	platanoides	6	15	15	n	f		7th Street	42.60465696	-72.55773576	few dead branches
Norway maple	Acer	platanoides	8	15	15	n	f		7th Street	42.60548525	-72.55925743	
Norway maple	Acer	platanoides	9	20	15	n	f		2nd Street	42.60718680	-72.55339457	
Norway maple	Acer	platanoides	10	20	15	n	f	99	3rd Street	42.60731176	-72.55515440	
Norway maple	Acer	platanoides	12	20	15	n	f	92	4th Street	42.60664033	-72.55608577	some dead branches
Norway maple	Acer	platanoides	12	20	15	n	f	69	7th Street	42.60498578	-72.55840830	
Norway maple	Acer	platanoides	16	25	15	n	f		4th Street	42.60738439	-72.55714497	minor dead branches
Norway maple	Acer	platanoides	15	25	15	n	f		5th Street	42.60578902	-72.55617938	
Norway maple	Acer	platanoides	15	15	20	m	f	23	L Street	42.60791062	-72.55370710	slingshot
Norway maple	Acer	platanoides	16	20	20	n	f		2nd Street	42.60760944	-72.55386972	topped; a few dead branches
Norway maple	Acer	platanoides	12	20	20	n	f	87	3rd Street	42.60752133	-72.55551628	crown die back
Norway maple	Acer	platanoides	10	25	20	n	f	67	3rd Street	42.60783858	-72.55608783	dead crown
Norway maple	Acer	platanoides	13	25	20	n	f		3rd Street	42.60835216	-72.55721164	minor die back
Norway maple	Acer	platanoides	14	30	20	n	f	16	3rd Street	42.60880601	-72.55810214	dead branch
Norway maple	Acer	platanoides	14	30	20	n	f	91	3rd Street	42.60745113	-72.55539650	some die back and dead branches
Norway maple	Acer	platanoides	13	15	25	n	f	87	2nd Street	42.60809266	-72.55469812	topped and some die back
Norway maple	Acer	platanoides	13	15	25	s	f	15	L Street	42.60810851	-72.55348153	conflict w utilities; big sidewalk conflict
Norway maple	Acer	platanoides	18	15	25	n	f	23	L Street	42.60781967	-72.55381672	slingshot
Norway maple	Acer	platanoides	17	25	25	m	f	103	2nd Street	42.60791801	-72.55439082	
Norway maple	Acer	platanoides	21	25	25	n	f	79	3rd Street	42.60765985	-72.55579670	crown die back
Norway maple	Acer	platanoides	17	35	25	n	f		3rd Street	42.60794302	-72.55655860	die back
Norway maple	Acer	platanoides	33	40	30	n	f	150	3rd Street	42.60641981	-72.55382406	lopsided and minor dead branches
Norway maple	Acer	platanoides	4	15	10	n	f	0	1st Street	42.60730877	-72.55190455	split bark
Norway maple	Acer	platanoides	4	20	10	n	f	0	1st Street	42.60724812	-72.55179285	
Norway maple	Acer	platanoides	7	20	15	n	f	38	Avenue A	42.60937805	-72.55575140	
Norway maple	Acer	platanoides	8	15	10	n	g	79	7th Street	42.60477781	-72.55799914	
Norway maple	Acer	platanoides	5	15	10	n	g		7th Street	42.60532692	-72.55895696	
Norway maple	Acer	platanoides	3	20	10	n	g	24	2nd Street	42.60924388	-72.55693728	
Norway maple	Acer	platanoides	5	20	10	n	g	140	L Street	42.60495450	-72.55697610	

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Norway maple	Acer	platanoides	9	15	15	n	g	63	7th Street	42.60515515	-72.55865616	
Norway maple	Acer	platanoides	11	20	15	n	g	0	1st Street	42.60902459	-72.55480727	
Norway maple	Acer	platanoides	6	20	15	n	g	60	4th Street	42.60722797	-72.55704484	
Norway maple	Acer	platanoides	6	20	15	n	g	63	7th Street	42.60526706	-72.55886978	
Norway maple	Acer	platanoides	9	20	15	n	g	0	Avenue A	42.60572359	-72.55955862	
Norway maple	Acer	platanoides	15	20	15	n	g	62	L Street	42.60744156	-72.55441632	
Norway maple	Acer	platanoides	11	20	15	n	g	148	L Street	42.60469308	-72.55731412	
Norway maple	Acer	platanoides	4	20	15	n	g		Peskeomskut Park	42.60600152	-72.55989274	
Norway maple	Acer	platanoides	14	25	15	n	g	80	4th Street	42.60687801	-72.55647679	
Norway maple	Acer	platanoides	17	30	20	n	g	22	K Street	42.60536660	-72.55832478	
Norway maple	Acer	platanoides	9	15	20	m	g	63	7th Street	42.60519522	-72.55876279	
Norway maple	Acer	platanoides	15	20	20	m	g	73	7th Street	42.60495423	-72.55834955	
Norway maple	Acer	platanoides	15	20	20	n	g	79	7th Street	42.60474084	-72.55791036	
Norway maple	Acer	platanoides	10	20	20	n	g		7th Street	42.60545440	-72.55921442	
Norway maple	Acer	platanoides	11	20	20	n	g		7th Street	42.60456915	-72.55764673	
Norway maple	Acer	platanoides	11	20	20	n	g		Peskeomskut Park	42.60605415	-72.55974993	
Norway maple	Acer	platanoides	13	25	20	n	g	73	3rd Street	42.60775099	-72.55594398	
Norway maple	Acer	platanoides	9	25	20	n	g	140	3rd Street	42.60662733	-72.55424885	
Norway maple	Acer	platanoides	19	25	20	n	g	67	4th Street	42.60723918	-72.55685189	
Norway maple	Acer	platanoides	14	25	20	n	g	88	4th Street	42.60675210	-72.55626574	
Norway maple	Acer	platanoides	17	25	20	n	g		4th Street	42.60657838	-72.55568707	
Norway maple	Acer	platanoides	13	25	20	n	g	90	5th Street	42.60593246	-72.55666220	
Norway maple	Acer	platanoides	20	25	20	n	g		5th Street	42.60586418	-72.55632495	slingshot
Norway maple	Acer	platanoides	13	25	20	n	g		7th Street	42.60505725	-72.55873354	
Norway maple	Acer	platanoides	13	25	20	n	g	0	Avenue A	42.60584317	-72.55941365	
Norway maple	Acer	platanoides	18	25	20	n	g	0	Avenue A	42.60579417	-72.55948679	
Norway maple	Acer	platanoides	11	25	20	n	g	172	Avenue A	42.60704873	-72.55820418	
Norway maple	Acer	platanoides	13	25	20	n	g	16	K Street	42.60555253	-72.55814248	
Norway maple	Acer	platanoides	10	30	20	n	g	10	4th Street	42.60808557	-72.55860313	
Norway maple	Acer	platanoides	15	35	20	n	g	0	L Street	42.60565638	-72.55627720	
Norway maple	Acer	platanoides	17	35	20	n	g	0	L Street	42.60761473	-72.55421965	
Norway maple	Acer	platanoides	17	35	20	n	g	58	L Street	42.60751263	-72.55431963	
Norway maple	Acer	platanoides	25	25	25	n	g	138	4th Street	42.60607784	-72.55504805	
Norway maple	Acer	platanoides	15	20	25	n	g		2nd Street	42.60724876	-72.55350083	
Norway maple	Acer	platanoides	21	20	25	m	g		5th Street	42.60614865	-72.55701018	some dead branches
Norway maple	Acer	platanoides	23	22	25	n	g	130	4th Street	42.60615271	-72.55519734	
Norway maple	Acer	platanoides	18	25	25	n	g	134	2nd Street	42.60734303	-72.55366816	minor dead branches
Norway maple	Acer	platanoides	16	25	25	n	g	83	3rd Street	42.60758170	-72.55562558	minor die back
Norway maple	Acer	platanoides	17	25	25	n	g	29	5th Street	42.60711049	-72.55846727	
Norway maple	Acer	platanoides	18	30	25	n	g	100	2nd Street	42.60790987	-72.55464083	
Norway maple	Acer	platanoides	16	30	25	n	g	12	K Street	42.60573594	-72.55796567	
Norway maple	Acer	platanoides	16	30	25	n	g	112	L Street	42.60582043	-72.55607792	
Norway maple	Acer	platanoides	21	35	25	n	g	77	4th Street	42.60701211	-72.55648491	
Norway maple	Acer	platanoides	21	35	25	s	g	0	J Street	42.60623342	-72.56090314	

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Norway maple	Acer	platanoides	24	40	25	n	g	0	J Street	42.60614292	-72.56103057	few dead branches
Norway maple	Acer	platanoides	22	40	25	n	g	0	T Street	42.60588369	-72.55703136	
Norway maple	Acer	platanoides	14	20	30	n	g	19	3rd Street	42.60918781	-72.55843406	
Norway maple	Acer	platanoides	16	20	30	n	g	133	3rd Street	42.60680265	-72.55423749	minor dead branches
Norway maple	acer	platanoides	15	25	30	n	g	103	Canal Street	42.60953201	-72.55793030	
Norway maple	Acer	platanoides	17	30	30	n	g	63	3rd Street	42.60789962	-72.55619151	
Norway maple	Acer	platanoides	22	30	30	n	g	0	K Street	42.60510542	-72.55843544	
Norway maple	Acer	platanoides	15	35	30	n	g	144	3rd Street	42.60670062	-72.55435284	
Norway maple	Acer	platanoides	16	25	35	n	g	127	3rd Street	42.60684786	-72.55434397	
Norway maple	Acer	platanoides	13	30	35	n	g	16	3rd Street	42.60873593	-72.55793386	touching bldg
Norway maple	Acer	platanoides	22	30	35	n	g	34	3rd Street	42.60844605	-72.55744742	
Norway maple	Acer	platanoides	18	30	35	n	g		3rd Street	42.60832264	-72.55695823	minor die back
Norway maple	Acer	platanoides	18	35	35	n	g	22	3rd Street	42.60868233	-72.55784901	touching building
Norway maple	Acer	platanoides	19	35	35	n	g	26	3rd Street	42.60858270	-72.55765358	
Norway maple	Acer	platanoides	15	35	35	n	g	36	3rd Street	42.60838771	-72.55734709	
Norway maple	Acer	platanoides	24	40	35	n	g	3	K Street	42.60592433	-72.55758153	
Norway maple	Acer	platanoides	15	30	38	n	g	95	3rd Street	42.60737557	-72.55526835	
Norway maple	Acer	platanoides	17	30	40	n	g	108	Canal Street	42.60928878	-72.55820435	
Norway maple	Acer	platanoides	20	35	40	n	g	140	3rd Street	42.60656868	-72.55407188	
Norway maple	Acer	platanoides	1	15	5	n	g	0	Avenue A	42.60603279	-72.55921952	
Norway maple	Acer	platanoides	4	20	10	n	g	0	1st Street	42.60740404	-72.55204592	
Norway maple	Acer	platanoides	8	20	15	n	g	0	Avenue A	42.60615379	-72.55909427	
Norway maple	Acer	platanoides	7	20	20	n	g	0	Avenue A	42.60610800	-72.55915087	
Norway maple	Acer	platanoides	9	25	20	n	g	0	Avenue A	42.60591934	-72.55934226	
Norway maple	Acer	platanoides	11	25	20	n	g	170	Avenue A	42.60711745	-72.55814188	
Norway maple	Acer	platanoides	9	30	20	n	g	38	Avenue A	42.60918928	-72.55591846	
Norway maple	Acer	platanoides	15	30	20	n	g	38	Avenue A	42.60905455	-72.55607379	
Norway maple	Acer	platanoides	8	20	12	n	p		5th Street	42.60668597	-72.55801042	dead leader
Norway maple	Acer	platanoides	8	15	15	n	p	104	2nd Street	42.60775282	-72.55441199	dying dead branches; mushrooms sprouting
Norway spruce	Picea	abies	21	45	20	n	g	0	Unity Park	42.60594367	-72.55107691	
Norway spruce	Picea	abies	42	55	30	n	g	0	Unity Park	42.60594775	-72.55094683	
Oak	Quercus	spp	22	45	30	n	g		Peskeomskut Park	42.60636622	-72.55935484	
Oak	Quercus	spp	36	50	40	n	g		Peskeomskut Park	42.60580258	-72.55976561	
Pin oak	Quercus	palustris	1	15	10	n	g	0	Unity Park	42.60684214	-72.55116070	
Pin oak	Quercus	palustris	1	15	10	n	g	0	Unity Park	42.60694847	-72.55132244	
Pin oak	Quercus	palustris	22	25	25	n	g		4th Street	42.60759954	-72.55775689	
Pin oak	Quercus	palustris	14	25	25	n	g	0	Avenue A	42.60444721	-72.56088165	
Pin oak	Quercus	palustris	16	35	25	n	g		4th Street	42.60736305	-72.55737762	
Pin oak	Quercus	palustris	19	35	25	n	g		4th Street	42.60743822	-72.55726954	
Pin oak	Quercus	palustris	21	45	25	m	g	0	Avenue A	42.60636272	-72.55887219	
Pin oak	Quercus	palustris	23	45	30	n	g	0	Unity Park	42.60667275	-72.55163464	
Pin oak	Quercus	palustris	23	40	35	n	g	0	Unity Park	42.60660981	-72.55133647	needs pruning
Pin oak	Quercus	palustris	19	40	40	n	g		3rd Street	42.60801019	-72.55669761	
Pin oak	Quercus	palustris	33	55	45	n	g		Peskeomskut Park	42.60627116	-72.55914508	

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Pin oak	Quercus	palustris	1	15	10	n	g	0	Unity Park	42.60689445	-72.55122864	
Pin oak	Quercus	palustris	1	15	10	n	g	0	Unity Park	42.60701782	-72.55136025	
Pin oak	Quercus	palustris	2	15	10	n	g	0	Unity Park	42.60609423	-72.55116395	
Pin oak	Quercus	palustris	16	40	20	n	g	0	Avenue A	42.60664829	-72.55862844	
Pin oak	Quercus	palustris	17	35	25	n	g	0	Avenue A	42.60643421	-72.55881876	
Pin oak	Quercus	palustris	19	35	25	n	g	0	Avenue A	42.60673942	-72.55853356	
Pin oak	Quercus	palustris	20	40	25	n	g	0	Avenue A	42.60652961	-72.55874444	
Pin oak	Quercus	palustris	18	35	30	n	g	0	Avenue A	42.60683866	-72.55845049	
Pin oak	Quercus	palustris	19	35	30	n	g	0	Avenue A	42.60678638	-72.55848925	
Pin oak	Quercus	palustris	22	40	30	m	g	0	Avenue A	42.60669005	-72.55858676	
Pin oak	Quercus	palustris	27	45	30	n	g	0	Unity Park	42.60664998	-72.55150565	
Pin oak	Quercus	palustris	29	50	30	n	g	0	Unity Park	42.60658552	-72.55091421	
Pin oak	Quercus	palustris	24	55	30	n	g	0	Unity Park	42.60667124	-72.55081973	
Pin oak	Quercus	palustris	19	35	35	n	g	0	Unity Park	42.60671695	-72.55190585	
Pin oak	Quercus	palustris	22	45	35	n	g	0	Unity Park	42.60654984	-72.55122972	needs pruning
Pin oak	Quercus	palustris	22	50	35	n	g	0	Unity Park	42.60651537	-72.55098160	
Pin oak	Quercus	palustris	27	45	40	n	g	0	Unity Park	42.60669274	-72.55175847	
Poplar	Populus	spp	18	30	20	n	g	13	K Street	42.60521713	-72.55832016	
Purple leaf cherry	Prunus	cerasifera	3	10	10	n	g		Peskeomskut Park	42.60628236	-72.55980235	
Purple leaf cherry	Prunus	cerasifera	2	12	10	n	g	97	2nd Street	42.60797198	-72.55451793	
Red maple	Acer	rubrum	10	20	15	n	f	1	K Street	42.60623365	-72.55728853	
Red maple	Acer	rubrum	14	25	15	n	f		2nd Street	42.60932789	-72.55711629	rot in trunk
Red maple	Acer	rubrum	11	25	15	n	f		5th Street	42.60660863	-72.55785244	minor die back
Red maple	Acer	rubrum	8	25	20	n	f	25	4th Street	42.60785564	-72.55795430	topped
Red maple	Acer	rubrum	15	30	20	n	f		5th Street	42.60636558	-72.55743045	some die back
Red maple	Acer	rubrum	11	25	25	m	f	19	4th Street	42.60797964	-72.55819278	minor die back
Red maple	Acer	rubrum	6	20	10	n	f	0	Avenue A	42.60734957	-72.55785144	
Red maple	Acer	rubrum	1	12	5	n	g		3rd Street	42.60682792	-72.55457897	
Red maple	Acer	rubrum	1	12	5	n	g		3rd Street	42.60678570	-72.55450106	
Red maple	Acer	rubrum	1	10	10	n	g	0	Unity Park	42.60714644	-72.55224400	
Red maple	Acer	rubrum	1	15	10	n	g	0	Unity Park	42.60697300	-72.55244867	
Red maple	Acer	rubrum	13	20	15	n	g	18	4th Street	42.60799451	-72.55842561	
Red maple	Acer	rubrum	15	25	15	m	g	18	4th Street	42.60793350	-72.55831503	minor dead branches
Red maple	Acer	rubrum	12	25	15	n	g		4th Street	42.60769348	-72.55792651	
Red maple	Acer	rubrum	10	25	15	n	g		7th Street	42.60453982	-72.55753461	
Red maple	Acer	rubrum	15	25	20	n	g		2nd Street	42.60941106	-72.55726787	
Red maple	Acer	rubrum	14	25	20	n	g	90	4th Street	42.60670598	-72.55617132	
Red maple	Acer	rubrum	17	20	25	n	g	2	K Street	42.60616637	-72.55752838	
Red maple	Acer	rubrum	14	25	25	n	g		2nd Street	42.60929408	-72.55704919	
Red maple	Acer	rubrum	18	35	25	n	g	100	2nd Street	42.60782735	-72.55451327	
Red maple	Acer	rubrum	17	35	25	n	g	15	4th Street	42.60804017	-72.55830644	
Red maple	Acer	rubrum	1	15	5	n	g	0	1st Street	42.60724478	-72.55171653	
Red maple	Acer	rubrum	1	15	5	n	g	0	Unity Park	42.60673606	-72.55096573	

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Red maple	Acer	rubrum	1	15	5	n	g	0	Unity Park	42.60677788	-72.55103838	
Red maple	Acer	rubrum	1	15	5	n	g	0	Unity Park	42.60635032	-72.55042325	
Red maple	Acer	rubrum	1	15	5	n	g	0	Unity Park	42.60623794	-72.55034201	
Red maple	Acer	rubrum	1	10	10	n	g	0	Unity Park	42.60719780	-72.55210693	
Red maple	Acer	rubrum	1	10	10	n	g	0	Unity Park	42.60717073	-72.55217673	
Red maple	Acer	rubrum	1	15	10	n	g	0	Unity Park	42.60708152	-72.55235793	
Red maple	Acer	rubrum	1	15	10	n	g	0	Unity Park	42.60703120	-72.55242050	
Red maple	Acer	rubrum	1	20	10	n	g	0	Unity Park	42.60590259	-72.55082739	
Red maple	Acer	rubrum	8	20	15	n	g	0	Avenue A	42.60739018	-72.55779674	
Red maple	Acer	rubrum	21	30	25	n	g	0	Unity Park	42.60652685	-72.55069433	
Red maple	Acer	rubrum	19	35	25	n	g	0	Unity Park	42.60656554	-72.55072734	
Red maple	Acer	rubrum	8	20	15	n	p	25	4th Street	42.60792517	-72.55805636	mostly dead
Red maple	Acer	rubrum	8	20	20	n	p		4th Street	42.60772640	-72.55771898	topped; dead branches; early leaf loss
Red Norway maple	Acer	platanoides	10	25	20	n	g		Peskeomskut Park	42.60607605	-72.55991132	
Red Norway maple	Acer	platanoides	21	30	25	n	g		Peskeomskut Park	42.60621108	-72.55968557	
Redbud	Cercis	canadensis	6	25	15	n	g	0	Avenue A	42.60953586	-72.55521670	
River birch	Betula	alleghanien	12	20	15	n	g	139	4th Street	42.60616738	-72.55494939	
River birch	Betula	alleghanien	2	20	15	n	g	0	Unity Park	42.60585834	-72.55118222	
Serviceberry	Amelanch	canadensis	1	10	5	n	g		Peskeomskut Park	42.60614767	-72.55980123	
Silver maple	Acer	saccharinur	9	30	20	n	g		3rd Street	42.60903628	-72.55847450	
Silver maple	Acer	saccharinur	29	40	20	n	g	127	3rd Street	42.60697311	-72.55454331	
Silver maple	Acer	saccharinur	10	30	25	n	g	0	Unity Park	42.60685155	-72.55105525	
Spruce	Picea	spp	10	30	15	n	f	0	Avenue A	42.60776497	-72.55766615	
Sugar maple	Acer	saccharum	15	25	25	n	f	13	K Street	42.60551253	-72.55797391	
Sugar maple	Acer	saccharum	23	35	25	n	f	72	2nd Street	42.60835391	-72.55541880	some die back
Sugar maple	Acer	saccharum	20	25	25	n	f		5th Street	42.60702374	-72.55860979	private prop? some die back
Sugar maple	Acer	saccharum	12	20	20	n	g	140	4th Street	42.60600853	-72.55492744	
Sugar maple	Acer	saccharum	12	25	20	n	g	4	K Street	42.60613357	-72.55755356	
Sugar maple	Acer	saccharum	17	25	25	n	g	110	L Street	42.60597724	-72.55593291	
Sugar maple	Acer	saccharum	16	30	25	n	g	0	K Street	42.60524398	-72.55847876	
Sugar maple	Acer	saccharum	17	30	25	n	g	88	L Street	42.60658990	-72.55529429	
Sugar maple	Acer	saccharum	23	35	25	n	g		2nd Street	42.60753036	-72.55397951	
Sugar maple	Acer	saccharum	19	40	25	na	g		Peskeomskut Park	42.60590226	-72.55991830	
Sugar maple	Acer	saccharum	22	40	25	n	g		Peskeomskut Park	42.60596392	-72.56003169	minor dead branches
Sugar maple	Acer	saccharum	33	50	50	s	g		6th Street	42.60668245	-72.55950163	fantastic tree!
Sugar maple	Acer	saccharum	19	35	20	n	g	0	Unity Park	42.60617904	-72.55038231	
Sugar maple	Acer	saccharum	12	20	15	n	p		5th Street	42.60606524	-72.55689275	several dead branches
Sycamore	Platanus	occidentali	33	45	40	n	g	0	Unity Park	42.60625841	-72.55073992	
unidentified	unidentifi	unidentifie	7	20	15	n	f	0	Avenue A	42.60780750	-72.55761751	
unidentified	unidentifi	unidentifie	9	25	15	n	f	109	Avenue A	42.60784305	-72.55697295	
unidentified	unidentifi	unidentifie	11	15	20	n	g	9	K Street	42.60577126	-72.55775523	
Washington Hawthorn	Crataegus	phaenopyr	9	20	15	n	f	119	Avenue A	42.60772655	-72.55709234	needs pruning
Washington Hawthorn	Crataegus	phaenopyr	7	20	15	n	f	123	Avenue A	42.60766690	-72.55713744	needs pruning
Washington Hawthorn	Crataegus	phaenopyr	7	20	10	n	g	107	Avenue A	42.60797595	-72.55681091	

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Washington Hawthorn	Crataegus	phaenopyr	11	20	15	n	g	119	Avenue A	42.60775924	-72.55706549	needs pruning
Washington Hawthorn	Crataegus	phaenopyr	7	20	15	n	g	125	Avenue A	42.60763011	-72.55717420	
Washington Hawthorn	Crataegus	phaenopyr	9	20	15	n	g	131	Avenue A	42.60757138	-72.55725350	
Washington Hawthorn	Crataegus	phaenopyr	9	20	15	n	g	131	Avenue A	42.60753819	-72.55728417	
White ash	Fraxinus	americana	20	30	25	m	f	90	5th Street	42.60589136	-72.55660764	some dead branches
White ash	Fraxinus	americana	7	25	15	n	f	74	Avenue A	42.60852032	-72.55663330	
White ash	Fraxinus	americana	16	25	20	n	g	84	4th Street	42.60680497	-72.55634388	
White ash	Fraxinus	americana	12	40	20	n	g		Peskeomskut Park	42.60617190	-72.55940525	few dead
White ash	Fraxinus	americana	14	35	25	n	g	92	2nd Street	42.60800681	-72.55481952	
White ash	Fraxinus	americana	14	40	25	n	g		Peskeomskut Park	42.60593107	-72.55965057	few dead
White ash	Fraxinus	americana	14	40	25	n	g		Peskeomskut Park	42.60600193	-72.55956962	
White ash	Fraxinus	americana	15	40	25	n	g		Peskeomskut Park	42.60590156	-72.55968962	few dead branch
White ash	Fraxinus	americana	16	40	25	n	g		Peskeomskut Park	42.60595797	-72.55961180	
White ash	Fraxinus	americana	16	40	25	n	g		Peskeomskut Park	42.60625137	-72.55932192	several dead branches
White ash	Fraxinus	americana	17	45	25	n	g		Peskeomskut Park	42.60610544	-72.55945470	minor hanging branch
White ash	Fraxinus	americana	21	45	25	n	g		Peskeomskut Park	42.60608013	-72.55948213	minor dead branches
White ash	Fraxinus	americana	17	35	30	n	g	84	2nd Street	42.60812175	-72.55502658	
White ash	Fraxinus	americana	28	40	30	n	g	0	Unity Park	42.60640440	-72.55333286	
White ash	Fraxinus	americana	14	30	40	n	g	105	Canal Street	42.60945081	-72.55807593	
White ash	Fraxinus	americana	5	25	15	n	g	56	Avenue A	42.60870416	-72.55647054	
White ash	Fraxinus	americana	6	25	20	n	g	56	Avenue A	42.60874106	-72.55641379	
White ash	Fraxinus	americana	12	30	20	n	g	0	Avenue A	42.60783908	-72.55734126	
White ash	Fraxinus	americana	11	30	20	n	g	52	Avenue A	42.60878394	-72.55637838	
White ash	Fraxinus	americana	11	30	20	n	g	56	Avenue A	42.60865225	-72.55680738	
White ash	Fraxinus	americana	10	30	20	n	g	74	Avenue A	42.60842476	-72.55672032	
White ash	Fraxinus	americana	10	30	20	n	g	74	Avenue A	42.60849404	-72.55668211	
White ash	Fraxinus	americana	10	30	20	n	g	74	Avenue A	42.60859566	-72.55655324	
White ash	Fraxinus	americana	12	30	20	n	g	78	Avenue A	42.60833975	-72.55683977	
White ash	Fraxinus	americana	13	30	20	n	g	78	Avenue A	42.60838215	-72.55678329	
White ash	Fraxinus	americana	9	30	20	n	g	104	Avenue A	42.60812407	-72.55704024	
White ash	Fraxinus	americana	13	30	20	n	g	104	Avenue A	42.60805933	-72.55711989	
White ash	Fraxinus	americana	9	30	20	n	g	112	Avenue A	42.60800259	-72.55718501	
White ash	Fraxinus	americana	11	30	20	n	g	112	Avenue A	42.60795268	-72.55723063	
White ash	Fraxinus	americana	15	35	20	n	g	0	Avenue A	42.60863037	-72.55650914	
White ash	Fraxinus	americana	11	35	20	n	g	118	Avenue A	42.60772770	-72.55744930	
White ash	Fraxinus	americana	14	35	20	n	g	118	Avenue A	42.60770063	-72.55751954	
White ash	Fraxinus	americana	28	40	30	n	g	0	Unity Park	42.60665237	-72.55312777	
White ash	Fraxinus	americana	34	40	40	n	g	0	Unity Park	42.60653404	-72.55322752	
White ash	Fraxinus	americana	12	25	50	n	g	52	Avenue A	42.60882323	-72.55633336	
White fringe tree	Chionanth	spp	1	10	10	n	g		Peskeomskut Park	42.60622882	-72.55979047	
White pine	Pinus	strobus	21	40	25	n	g	0	Unity Park	42.60647271	-72.55049138	
White pine	Pinus	strobus	25	40	30	n	g	0	Unity Park	42.60646392	-72.55061171	
Yellowwood	Cladrastis	kentukea	23	25	25	n	f		2nd Street	42.60877921	-72.55584409	topped for utilities

Common Name	Genus	Species	DBH	Height	Spread	Sidewalk Issues	Condition	Street Number	Street Name	y	x	Notes
Yellowwood	Cladrastis	kentukea	15	25	25	n	g		2nd Street	42.60867288	-72.55600479	
Yellowwood	Cladrastis	kentukea	23	25	25	n	g		2nd Street	42.60890407	-72.55638340	measured @ 2 " up
Zelkova	Zelkova	serrata	12	20	15	n	f		Peskeomskut Park	42.60634012	-72.55925384	
Zelkova	Zelkova	serrata	13	20	15	n	f		Peskeomskut Park	42.60572881	-72.55964481	meas above
Zelkova	Zelkova	serrata	11	20	20	n	f		Peskeomskut Park	42.60574762	-72.55968155	meas above
Zelkova	Zelkova	serrata	1	10	5	n	g	169	Avenue A	42.60730289	-72.55791214	
Zelkova	Zelkova	serrata	7	15	15	n	g		2nd Street	42.60842664	-72.55556396	
Zelkova	Zelkova	serrata	5	20	15	n	g		2nd Street	42.60852883	-72.55573176	
Zelkova	Zelkova	serrata	7	20	15	n	g		2nd Street	42.60839841	-72.55550876	
Zelkova	Zelkova	serrata	9	20	20	n	g		Peskeomskut Park	42.60576158	-72.55969760	
Zelkova	Zelkova	serrata	11	20	20	n	g		Peskeomskut Park	42.60582626	-72.55982229	
Zelkova	Zelkova	serrata	15	20	20	n	g		Peskeomskut Park	42.60631056	-72.55930853	