

Illinois Trees

The Quarterly Publication of the Illinois Arborist Association



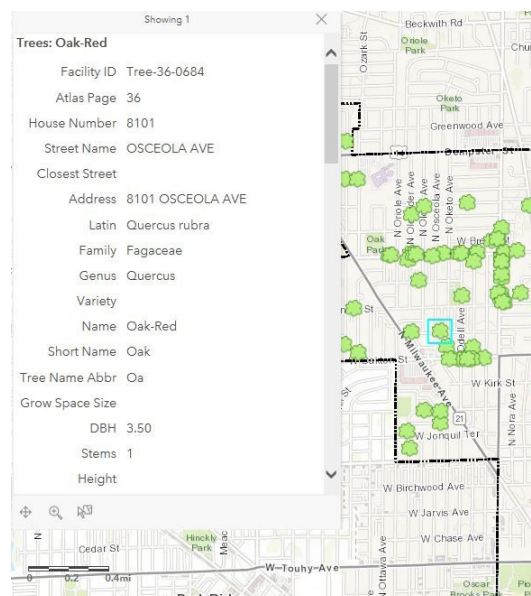
Tree Inventory/ GIS Fulfilling Your Needs In House

by Tony Dati

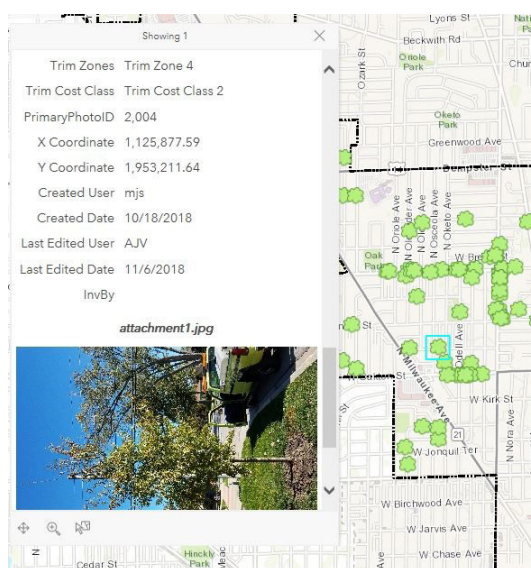
Many of you are aware of the devastation EAB has caused. Some of you may have planned for it and others not so much. We here at the Village of Niles thought we were prepared for it. Sometimes your brains are trained to think a certain way. If everything your organization is doing in regards to trees is reactive, you become complacent. If you don't break that habit you will be doomed to make the same mistake over and over again.

Everything we changed in our organization was not done overnight. Most of us attend the Northeast Municipal Foresters meetings or many other types of training. Everyone attends them for their own reasons - whether you need CEU's or there is a particular topic you are interested in. As our staff would sit in these meetings, we would hear what everyone else was doing. We would hear over and over about tree inventories. The Village of Niles had an older tree inventory, but nothing that was up to date. It took dedication and hard work to convince the Village Board that an updated inventory was necessary. The Village of Niles finally had an updated tree inventory done. Having a whole town inventoried does not come cheap. Niles had to find a way to maintain that data, and keep it up to date.

The Village of Niles is fortunate to have an in house IT Department. Our GIS Coordinator, Andrew Vitale, with Public Works input came up with a field app. This field app allows Public Works to not only keep track of work done to trees, but also our village owned street signs.



Spending only a couple minutes at each tree, our in



Pictures can be added along with GIS coordinates.

Andrew Vitale GIS Coordinator, Village of Niles
"It was important that any field app be easy to use, and yet capable and flexible enough to accomplish all data input and maintenance activities necessary to keep our newly finished tree inventory up to date. Utilizing the recently completed inventory and existing technology

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Don't forget
to sign up for
the upcoming
IAA Summer
Conference.

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Illinois Arborist Association Mission Statement

*"Foster interest, establish standards, exchange professional ideas
and pursue scientific research in Arboriculture"*

Dear Illinois Arborist Association Members,

As I look towards being the President this year, I do so with a touch of bittersweet: I am excited to represent such an amazing organization as IAA. Yet there is also a feeling of having only a limited amount of time in which to accomplish so many goals that I have for the IAA, and feeling the clock ticking. But I have a solution for that feeling of dread that every day is ticking away too fast: It's you! I have been on the board now for 6 years serving in various capacities, and have been hanging around the IAA, and participating on committees and in our annual strategic planning for over 10 years. And what drives this organization has always been the membership, and the amazing people who serve on those boards and committees so that we can run our amazing educational programs, events, and conferences.

Incoming presidents have a goal, and that is what this message is supposed to be about. Well, I'm going to go a little out of the box, and make it my goal to get more people involved with the IAA's boards and committees. Because one president alone cannot accomplish all of their industry goals in one short year. But the people who join the organization and decide to become shepherds of Arboriculture CAN accomplish those goals, and what IAA needs are people who have ideas about how to better the organization.

Every year at our annual conference, I hear from people about how we can make things better for our membership. So to all of you who have an idea for IAA, my message is simple: Get involved! I would like to see you use IAA not just as a means of getting CEUs, but as something you as the practicing Arborist are an active participant in. I can certainly say that serving IAA has been a tremendous benefit to both my career and personal life, and I plan on continuing to serve the organization as long as they'll have me. I encourage all of you to do the same. So please get involved with IAA: Teach a class, join a committee, or ask if you can start coming as a guest to our board meetings. We will never turn away an active participant, and it's all of you who will drive this organization into the future. So cheers to all of you, and here's to a great 2019 and beyond!

Sincerely,
Steve Lane
IAA President

Tree Inventory/ GIS Fulfilling Your Needs In House (cont.)

(continued from page 1)

from the Village's GIS software provider (ESRI), a field app was created that allowed end users from the field crews to the Village Forester to perform tasks such as:

- Create newly planted trees in their correct location with the appropriate characteristics
- Eliminate trees from the map if they have been removed
- Attach pictures to existing trees, displaying current conditions
- Move trees to a more accurate location if they have been incorrectly placed in our GIS database

This app has proven enormously useful for all staff levels. The Village of Niles is much more confident that our tree inventory is being kept up to date and is more reflective of current conditions. This allows for more flexibility in reporting, documenting current and planning future activities, and reducing potential liability”.

Trees:
long:-87.79759673 lat:42.01244292

ATLAS PAGE

HOUSE NUMBER
0

STREET NAME

CLOSEST STREET
<No value>

LATIN

GROW SPACE SIZE
<No value>

DBH
0

STEMS
1

HEIGHT
<No value>

INSTALL DATE
Enter a date Use current

DATE REMOVED
Enter a date Use current

INVENTORY DATE
12/29/1899 Use current

COMMENTS

ATTACHMENTS

Drop down menus and simple instructions help speed up the process.

STEMS
1

HEIGHT
<No value>

INS
DA
ED

INVENTORY DATE
12/29/1899 Use current

COMMENTS

ATTACHMENTS

Add attachment from

Camera Gallery

Multiple photos can be added from your gallery or by snapping a photo.

The Forestry staff uses tablets and smart phones. Staff prefers smart phones due to the compact nature.



If your municipality has volunteers that are unfamiliar with your community, this field app can provide directions to help guide them to a particular tree.



As I mentioned, the Village of Niles uses this field app for the installation and replacement of street signs.

Tree Inventory/ GIS Fulfilling Your Needs In House (cont.)

(continued from page 4)

The Village of Niles does budget money for updating our tree inventory. We no longer have the need to inventory the whole town. The Village of Niles has broken our town down into five trim zones. Each trim zone is trimmed once every five years. In order to be cost effective, the Village budgets money to have one trim zone updated professionally every year. Our inventory is constantly being updated by a contractor and in house staff.

When creating or updating a tree inventory, ask yourself these questions:

- Why have an inventory
- Why is this important
- How are you going to use this inventory
- What information is useful or not useful
- How are you going to keep your information up to date

Trees are one of the only assets a village has that appreciates in value. It is our job to use all this information and create a sustainable urban forest for the next generation.

2019 IAA Strategic Plan

2019 Strategic Plan Goals			
	Income	Expense	Net Income
Member Value	0	-33500	-16500
Partnerships	0	-7000	-2300
Marketing	0	-30200	-1000
Outreach	0	-7200	-5950
EEAI Request	0	0	0
3rd Printing Under Canopy- cannot cut	0	-2500	-2500
Next Tier Board Training	0	0	0
		Strategic Goals	-28250
		2019 Budget	-27600
			<u>-55850</u>

This year's strategic planning session was both fun and productive. Nearly 30 members spent 1 1/2 days at the Great Wolf Lodge in Gurnee, Illinois to map out the Illinois Arborist Association's course for the year. Those in attendance also had the option to stay at the newly renovated water park WITH their family. The food was excellent and the company was even better. The chart you see here has the seven main buckets we will be operating from for 2019. Looking forward to making 2019 the best year yet!



With the release of the CTLA Guide for Plant Appraisal, 10th Edition in 2018 the IAA Appraisal Committee now has some direction on which data to survey and calculate. If you recall from past years, the IAA website hosted appraisal factors for Illinois, which included Species Rating, Replacement Tree Size, Unit Tree Cost and Installed Tree Cost. In 2016 I had these factors, excluding Species Rating, removed from the IAA website. The reasoning was twofold: the published values were based on a nursery survey in 2005 and made up of only a handful of tree species, making it difficult to defend in the courts and up-to-date factors were easily obtained by contacting local nurseries and inquiring about tree size, tree cost and planting cost. Unit cost could be calculated on your own if you obtained the aforementioned values.

10th Edition Factor Changes

The 10th Edition of the Guide brought some change in the factors that the Regional Appraisal Committee will need to calculate. If you're using the 10th Edition in your appraisals then Species Rating will no longer be used, will be removed from the IAA website to encourage appraisers to use the 10th Edition and will be represented in the Guide as Functional Limitation in your appraisals to be calculated yourselves. Location Rating has also been restructured in the Guide as Functional and External Limitations to be calculated yourselves. Condition Rating concepts remain the same but the components have changed to Health, Structural Integrity and Form. If you are familiar with the 9th Edition's 32-point scoring system for calculating the Condition Rating I do not foresee any issue with continuing to use that spreadsheet in your appraisals.

Nursery Survey

The IAA has partnered with Illinois Green Industry Association, Illinois Landscape Contractors Association and Ornamental Growers of Northern Illinois to mass distribute a survey of 66 deciduous and evergreen tree species, cultivars and varieties to nurseries and growers throughout Illinois. The data we are gathering are: largest most commonly available tree size of surveyed trees, tree cost for their largest most commonly available tree size and installation cost for their largest most commonly available tree size. Unit Tree Cost will be figured once we have received the aforementioned values. The survey was distributed on January 21, 2019 with the hope to have all responses received by the end of February, prior to nurseries and growers becoming busy. Once the responses are received each tree surveyed will be categorized based on the grower's regional location and averaged with other growers within their region. Instead of averaging all of the trees with each other we will be averaging the same species together to compile values for all 66 trees. For example, if you are appraising a River Birch you will be able to find the averaged values associated with only River Birch in your region. While we can't survey every species previously listed on the Species Rating table, you may still need to contact local nurseries for trees which we did not survey or had limited responses for. If you are aware of any nurseries or growers in your area, or you are a nursery or grower, the survey can be completed at: <https://www.surveymonkey.com/r/C5XNVFQ>.

Illinois Appraisal Regional Map

As I just noted, we will be averaging values submitted by growers based on their regional location within Illinois. This gives us the opportunity to reevaluate the regional map we used in the past, in which some regions were too widespread for the small amount of

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Plant Appraisal Factors Update

(continued from page 6)

plants surveyed in 2005. The values averaged for some regions weren't representative of the region as a whole and it was noticeable if you happened to appraise plants in different areas in a single region and compared them to actual nursery prices. We are hoping to receive survey responses from as many counties as possible so that we have representative values that appraisers can use without issue.

Once we have all of the data from the survey we will publish the tables and maps on the IAA website for easy access by appraisers. In order to compensate for inflation we anticipate distributing a nursery survey once every 4-5 years.

Plant Appraisal Advanced Training

We are in the process of updating our plant appraisal advanced training materials from the 9th Edition to the 10th Edition. We expect to have this completed this winter or early spring in order to have an advanced training course held in both the central and northern parts of Illinois. Once we have dates set we will open registration to IAA membership.

Aaron Schulz

IAA Plant Appraisal Committee Chair

Calendar of Events

March 21st

Arborist Certification, Municipal Specialist, and Utility Specialist Exams

Location: Moline Public Works

March 21st

Arborist Certification, Municipal Specialist, and Utility Specialist Exams

Location: Mulch Center, Deerfield

March 21st

Northeast Municipal Foresters Meeting - ANSI z133

Location: Village of Lombard

March 25th

Arborist Certification, Municipal Specialist, and Utility Specialist Exams

Location: Village of Lombard

March 26th

Arborist Certification, Municipal Specialist, and Utility Specialist Exams

Location: McHenry Public Works

April 24th

Northeast Municipal Foresters Meeting - Pest Update

Location: Village of Lombard

May 11th

Advanced Training
Tree Diseases

Location: Mulch Center, Deerfield

May 16th

Northeast Municipal Foresters Meeting - Root Research

Location: Village of Lombard

May 20th

Arborist Certification, Municipal Specialist, and Utility Specialist Exams

Location: Downers Grove Public Works

May 23rd

Advanced Training
Aboitic

Location: Mulch Center, Deerfield

July 16th

IAA Summer Conference

Location: iHotel

2019 Annual Conference Date

The decision to move the annual conference to December produced a lot of anxiety here at the IAA office. Every day for two weeks prior we were watching the weather forecast and hoping that snow wouldn't impact our attendance. Only to find that others with the same concerns decided not to sign up early or show up because they too were worried about the possibility of snow.

In an effort to avoid the threat of snow we set next

year's conference dates for November 5th through the 6th. We have a committee that will be looking into changing the dates for 2020, possibly even to the spring months. So, if you see a survey about the conference please take a minute and give your feedback. We realize that there isn't really a magic date that works with everyone's schedule, but we certainly want to pick a date that produces less stress and higher attendance.

We would like to thank all of our 2018 conference sponsors:

Two Day Show Sponsors

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IDNR & Trees Forever

One Day Show Sponsors

Atlas Bobcat

Notebook Sponsors

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Joseph Kramer Demonstration Area

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TREE Fund Reception

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2019 Illinois Tree Climbing Competition

2019 ArborMaster Climbing Kit Prize Package

The Illinois Arborist Association is pleased to announce the 2019 ArborMaster Climbing Kit Prize Package for the Tree Climbing Champions (TCC), held in conjunction with the chapter's 2019 Tree Climbing Championship (TCC) event.

This climbing kit is being offered to each chapter champion (both man and woman, if applicable)! This package is intended to help equip the chapter representative(s) for the International Tree Climbing Championship (ITCC) Competition.

Each prize package includes:

- Buckingham Master 5.0 Arborist Tree Climbing Saddle
- Silky Zubat Arborist Professional Hand Saw with Leg Straps
- OREGON Tool Bag
- Vermeer Logo'd 52 oz. Stainless Steel Oversized Mug
- 50% savings for an ArborMaster 2-Day or 3-Day Hands-On Training Module
- Samson ArborMaster 150' Hawkeye Climbing Line with eye splice

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2019 Illinois Arborist Association Budget

2019 Budget			
Annual Program Income/Expense	Income	Expense	Net Income
Advanced Training	\$22,500.00	-\$12,000.00	\$10,500.00
Annual Meeting	\$190,000.00	-\$130,000.00	\$60,000.00
Certification	\$66,000.00	-\$26,000.00	\$40,000.00
Golf Outing	\$13,000.00	-\$9,000.00	\$4,000.00
Municipal Forester Meetings	\$0.00	-\$1,000.00	-\$1,000.00
Summer Conference	\$10,000.00	-\$7,500.00	\$2,500.00
Tree Climbing Competition	\$3,500.00	-\$3,500.00	\$0.00
TRAQ Training - SP	\$25,000.00	-\$20,000.00	\$5,000.00
SAWW	\$7,200.00	-\$6,200.00	\$1,000.00
Trade Shows	\$0.00	-\$2,000.00	-\$2,000.00
Total:	\$337,200.00	-\$217,200.00	\$120,000.00
Strategic Plan Items	Income	Expense	Net Income
Student Awareness/Field Day/Intern/EAB	under 2019 SP	under 2019 SP	under 2019 SP
Day of Service	under 2019 SP	under 2019 SP	under 2019 SP
Grant CRTI, UF TCIA, IPSI Scholarship	under 2019 SP	under 2019 SP	under 2019 SP
Total:	\$0.00	\$0.00	\$0.00
Total Annual Program & Strategic Plan Items	\$0.00	\$0.00	\$0.00
Payroll Expenses	Income	Expense	Net Income
Payroll Assistant Monica	\$0.00	-\$22,950.00	-\$22,950.00
Payroll Assistant Jeannie	\$0.00	-\$18,400.00	-\$18,400.00
Payroll Expense Taxes & IDES	\$0.00	-\$21,450.00	-\$21,450.00
Payroll April Salary	\$0.00	-\$77,600.00	-\$77,600.00
Total:	\$0.00	-\$140,400.00	-\$140,400.00
Administrative Operations	Income	Expense	Net Income
Contract Services: Lawyer, Accountant, Newsletter. Income Newsletter ads	\$2,000.00	-\$6,000.00	-\$4,000.00
Administrative Operations: Software, Office supplies/equipment, website, phone, internet, postage, books, rent. Income is Publications	\$14,000.00	-\$26,000.00	-\$12,000.00
Other Expenses: Professional Fees, Pay Pal/Credit Card/ Bank Fees, Insurance D & O	\$0.00	-\$9,000.00	-\$9,000.00
Total:	\$16,000.00	-\$41,000.00	-\$25,000.00
Board & Committee	Income	Expense	Net Income
Strategic Plan/Board/ Travel/Meeting	\$0.00	-\$25,000.00	-\$25,000.00
Total:	\$0.00	-\$25,000.00	-\$25,000.00
Other Income	Income	Expense	Net Income
Membership dues	\$55,000.00	\$0.00	\$55,000.00
Misc	\$0.00	-\$200.00	-\$200.00
Donations/TREE Fund	\$1,500.00	-\$13,500.00	-\$12,000.00
Total:	\$56,500.00	-\$13,700.00	\$42,800.00
Totals:	\$409,700.00	-\$437,300.00	-\$27,600.00

Gone, but never forgotten - Joe Kramer

What Joe Kramer has done for the IAA...

I had every intention of attending Joe Kramer's service on July 29th, but my 87-year-old mom had a medical issue that brought her to the emergency room, and I couldn't make the service. So, I thought I would jot down what Joe Kramer has done for the IAA and let the members read what Joe has done for them.



When I was still competing in the mid 80's, in the IAATCC, I remember Joe and a couple of his employees helping with set-up the day before, bringing a bucket truck to expedite the process.

When I took over as organizer, every year, I could count on Joe sending a bucket truck with an operator to help with the tree pruning. On set-up day, Joe always offered to send a group of his employees and a bucket truck to help.

Recently, on competition day, Kramer Tree Specialists purchased hot dogs, brats and burgers, condiments, chips, soda, and water, had their employees prepare and serve the food to all volunteers and competitors. KTS still does that for the IAATCC to this day. Doing this saves the IAA a lot of money on food and labor. I don't remember exactly how long ago, but Todd and I presented, to the IAA Board, building the platform for the 'Tree Stand', so the IAA would be able to have "Live Tree Demonstrations" at it's annual conference. It was approved, so KTS offered their shop as place to cut and construct the tree stand. We spent 3 Saturday's cutting the lumber to size and constructing the tree stand. KTS had to store the stand during this process. The tree stand was ready to use. The IAA annual conference was approaching. We needed to find a tree, remove it, cut it to size to fit on a flat bed trailer, secure it to the trailer and store it until it was ready for erection at the convention hall. OK, let's think about this. Finding a tree that's suitable for demonstrations isn't as easy as it sounds. It must have low branching and suitable branching for tie-ins and lowering demonstrations. Once the tree is found, it must be removed, without breaking the branches and branch unions that are needed for the demonstrations. The best solution for this, is to use a crane. KTS has used their crane for every tree that has been used for the IAA annual conference. How does the tree get transported? On a KTS trailer. KTS uses their truck and trailer to transport the tree from their office, where it is stored, to the convention hall. This takes personnel and equipment. All supplied by KTS. Once at the convention hall, the tree stand must be erected before the tree can be placed in it. KTS brings their crane to erect the stand and place the tree in the stand. It's easy to write about, but think about it, it takes 4 to 5 hours to erect the stand, remove the tree from the trailer, horizontally, de-rig the horizontal rigging and re-install the rigging in a fashion where the tree can be hoisted vertically, to install it in the stand. I asked Todd Kramer how much they spend donating their time just to erect the tree in the convention hall. He told me they figured it was in the \$10,000.00 range, figuring all the man hours and equipment used to make it happen. This is just for the annual conference. No other tree care service has donated as much time to the IAA as KTS has.

I wanted all IAA members to see what Joe Kramer has done for them.

Thank you, Joe Kramer, and KTS for all you've done for the Illinois Arborist Association.

Respectfully submitted, Norm Hall

Gone, but never forgotten - Earl Throop Sr.



Earl started tree work at a young age working for his father's business. They became partners and Earl eventually bought the business in the early 70's. With his wife, he dedicated his life in building a company that would be respected by all. He succeeded in that quest. Throop & Son Tree Service is Springfield's oldest tree service going on its 90th year and counting. He always wanted to build relationships and not customers. Everyone "loved Earl". His legacy will survive through Earl Jr. and Tammy.

Anyone who knew Earl, knew what a kind, humorous and caring person he was. Earl was quick-witted and loved to laugh. Earl has donated time and resources to organizations like the Illinois Arborist Association for years. A few years back, Throop & Son Tree Service, were one of the companies that donated an entire day to do tree work at the Illinois Governor's Mansion.

Mike Dirksen, who knew Earl well said it best, "I'm sure the gates were open wide, with a welcome sign that said, Well done Mr. Throop, you worked hard to raise a family, to create a successful business, to take time for family, friends, customers, and the wayward souls that just needed someone to talk to. But most of all, you showed people love. There is no higher achievement than this, than to love and be loved! Your heart is pure, your conscious is clear, your soul devine...until we meet again,

God bless, God speed and rest easy my friend, rest easy."

You will be missed!

Mark Your Calendars!

2019

IAA Annual Golf Outing
August 23rd

St. Andrews Golf Club
West Chicago, Illinois

2019

Illinois Tree Climbing Competition
September 28th

Shiloh Park
Zion, Illinois

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Illinois Trees



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