



DEPARTMENT OF COMMUNITY DEVELOPMENT SERVICES

Economic Development Division

m e m o r a n d u m

TO: Urbana Public Arts Commission

FROM: Lisa Hatchadoorian, Public Arts Coordinator

DATE: March 6, 2014

SUBJECT: Hackberry Tree Memorial- Urbana

Background

When the Urbana City Council established the Urbana Public Arts Commission in March 2008, one of the duties assigned to the Commission was to review relevant proposals and assist in the process by which artists, arts organizations, neighborhood organizations, business, developers, merchant associations, charitable foundations, or any other member of the general public proposes and creates projects in the arts which are located in public places owned and maintained by the City of Urbana.

Recently, in Urbana, a beloved Hackberry Tree at 312 S Coler Ave. was partially removed due to its current state of declining health. The tree was posthumously declared a Legacy Tree by the City to document its important status to the community. The risk assessment for the tree on a scale of 10, was given at a 9-10 by Dr. Richard Hauer, professor of Urban Forestry at University of Wisconsin- Stevens Point. Due to the beloved nature of this particular tree, community members spontaneously created memorial proposals in their desire to recognize the special nature of this tree and its meaning to the history of Urbana.

<http://urbanaininois.net/posts/2014/01/community-group-photo-with-sim-hackberry>

Discussion

On March 5, 2014, staff attended a Tree Commission meeting for the purposes of explaining to the commission the formal procedures already in place with the Public Arts Grants process in order to formalize, publicize and equalize the memorialization process for the tree. As it stands, the proposals received for the memorialization are aesthetic and practical as well as spontaneous and informal.

Staff explained that the grants process contained four steps: 1) Call for artists (crafting criteria, setting goals, guidelines, budget, submittal, and eligibility requirements). 2) Forming a jury panel comprised of Tree Commission members, community members, Public Art Commission members and staff. 3) Meeting to choose from the various proposals (both aesthetic and practical), and 4) Notify artist, artisans and community members of the various projects that will

memorialize the Hackberry Tree. The Tree Commission recommended that these procedures be followed and amended for this particular memorialization. This process is estimated to take 4 to 6 weeks.

Recommendation

Staff and the Tree Commission is asking for two volunteers to be on the jury panel for the Hackberry Tree Memorial and to provide any guidance where necessary for the Tree Commission as they embark on this memorial proposal process.

Attachments: Exhibit A: Public Art Commission Ordinance- 03.13.2008
 Exhibit B: Risk Assessment for the Hackberry Tree
 Exhibit C: Hackberry Tree Memorial Proposals

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ORDINANCE NO. 2008-03-013

**AN ORDINANCE ESTABLISHING A PUBLIC ARTS COMMISSION
AND PERMANENT PUBLIC ARTS PROGRAM**

WHEREAS, art, in all its many forms, is essential to the vitality of our city, bolstering quality of life, economic development, public safety, academic performance, and social tolerance; and

WHEREAS, many cities throughout the United States have adopted public arts programs recognizing the need for public support and contribution to the arts; and

WHEREAS, the Urbana City Council adopted Common Goals on September 19, 2005 which included:

- the establishment of a dedicated revenue stream for public art;
- the preservation and commemoration of local and multicultural traditions and histories;
- the integration of art into every feasible public works project--to promote functional and streetscape art;
- to create a program that represents our community in all its diversity--in terms of race, geography, gender, class, sexual orientation, belief-system, etc.;
- to develop a strong public collection of artworks representing diverse communities, artistic styles, and disciplines;
- to provide opportunities for local and national, established and emerging artists in Champaign County; and
- the establishment of a public arts commission; and

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WHEREAS, the Urbana Mayor appointed and the City Council approved the Urbana Public Arts Task Force to study and make recommendations on the creation of a public arts commission and program; and

WHEREAS, the Urbana Public Arts Task Force has recommended the creation of a public arts commission and program which would create a dedicated revenue stream for the arts, foster an environment for established and emerging artists to thrive in Urbana, promote life-long participation and learning in the arts, and integrate art into the urban environment; and

WHEREAS, the Urbana City Council wishes to establish a Public Arts Commission and a Public Arts Program.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF URBANA, ILLINOIS, as follows:

Urbana Public Arts Program; establishment.

The City Council hereby establishes the Urbana Public Arts Program as set forth herein.

Definitions.

As used in this ordinance:

The "Arts" and "Art" as used in this program description includes but is not limited to creative writing, dance, film/video, music, theatre, visual arts, crafts, performing arts, spoken word, environmental arts, multimedia arts, architectural arts, landscape architecture, and emerging media.

"Construction Cost" means original budgeted cost of construction or alteration of the structure or the project itself, excluding land, engineering and administrative costs, cost for fees and permits, fixtures, furnishings, streets, sewers, similar accessory construction, and indirect costs, such as interest during construction, advertising and legal fees.

"Construction or alteration" means construction, rehabilitation, renovation, remodeling or improvement.

"Municipal building" means all municipal buildings except service facilities not normally visited by the public.

"Municipal building project" means a construction project which involves the construction or alteration of a municipal building with an original budgeted construction cost of \$750,000 or more.

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Commission.

The Urbana Public Arts Commission is hereby established.

Mission.

The Urbana Public Arts Commission recognizes the arts as essential to the vitality of our city. The Commission fosters a dynamic, innovative Urbana, where all residents—emerging artists, established artists, and “non-artists” alike—may engage with the arts in its many forms and where artists thrive and are valued.

Composition, appointment.

The Urbana Public Arts Commission shall consist of nine (9) members appointed by the Mayor, and approved by the Council, from constituencies representing various segments of the community which have experience, expertise, or interest in the areas of the arts, arts education, planning, neighborhood organizing, event planning, business, or another related field. Members shall be chosen from a diverse range of backgrounds, occupations, and artistic venues, with the intention of reflecting the full diversity of the Urbana arts community. In the making of appointments hereunder, the Mayor may receive recommendations from civic groups.

All members shall be voting members.

Quorum.

Five (5) members shall constitute a quorum.

Terms of members; absence of member.

(a) The initial terms shall be as follows. There shall be four (4) members whose terms expire June 30, 2009, and five (5) members whose terms expire June 30, 2010. Subsequent appointments shall be made for terms of three (3) years, or until their successors are appointed and approved by the City Council. Within sixty (60) days following the expiration of the term of each of those commissioners, a successor shall be appointed by the Mayor with the approval of the Council, and the successor shall serve for a term of three (3) years.

(b) If a commissioner resigns or is removed from the commission, a successor shall be appointed by the Mayor with approval of the City Council and shall serve for the unexpired period of the vacated term.

(c) These members of the commission may be removed by the Mayor for good cause with the approval of a majority of Council present and voting. Absence from all meetings in three (3) consecutive months may be considered to be prima facie good cause.

Meetings.

(a) The Public Arts Commission shall meet at least quarterly, on call of the chairperson or of any five (5) members.

Chairperson.

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The Mayor shall designate the chairperson of the commission.

Functions and duties generally.

The functions and duties of the Urbana Public Arts Commission are limited to those set forth in this ordinance, and as specifically set forth in any other duly enacted ordinance. Nothing in this ordinance shall be construed as vesting legislative or budgetary discretion or power in the Commission.

Duties.

The Urbana Public Arts Commission shall adopt its rules of procedure for whatever regular and special meetings are deemed by the Commission to be advisable and necessary to the fulfillment of the duties of the commission.

The roles and responsibilities of the Commission may include, but not be limited to, the following:

(1) To explore and recommend to the Mayor, City Council, City staff, and other groups, ways to further the development of, and interest in, the arts and the local cultural heritage, as well as to offer advice on relevant city projects;

(2) To propose to the Mayor and City Council an Annual Public Arts Program Plan that identifies specific program goals for the year, means of achievement, proposed expenditures, sources of supplemental revenue, schedule of execution, necessary resources and responsibilities, and an implementation plan to address the goals;

(3) To propose to the Mayor and City Council policies regarding the selection of proposed public arts projects such as the involvement of artists in selected building projects, criteria for artist and site selection, evaluation criteria for all programs, and other policies relevant to the Public Arts Program. Such policies should reflect the following three priorities:

- a) Community accessibility to the arts;
- b) Artist accessibility to resources; and
- c) Opportunities for collaboration and partnerships

(4) To review relevant proposals and assist in the process by which artists, arts organizations, neighborhood organizations, businesses, developers, merchant associations, charitable foundations, or any other member of the general public proposes and creates projects in the arts which are located in public places owned and maintained by the City of Urbana;

(5) To convene temporary selection committees to review and recommend proposals to Urbana's Public Arts Program for approval by the commission.

(6) To approve proposals that are not permanently placed on municipal property.

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- (7) To submit, for confirmation, proposals to the Mayor and City Council confirming the receipt, purchase, maintenance, dispossession, and de-accession of works of art to be permanently placed on municipal property.
- (8) To oversee subject to provisions under the section on Administration, the receipt, purchase, maintenance, dispossession, and de-accession of works of art to be placed on municipal property;
- (9) To research and seek additional funding including donations, grants and other support to further expand public arts programs;
- (10) To encourage public participation in local artistic and cultural events and programs;
- (11) To cooperate with other entities on matters regarding the arts;
- (12) To offer educational programming to the public regarding the arts;
- (13) To coordinate events and outreach related to the arts;
- (14) To recommend updates to the public arts ordinance;
- (15) To take such other actions as the Mayor and City Council may direct from time to time.

Sub-committees, Selection Committees.

The Public Arts Commission shall appoint sub-committees as deemed necessary. Sub-committees and selection committees shall serve in an advisory capacity to the Public Arts Commission.

Compensation.

No member of the Public Arts Commission, or any appointed sub-committee, shall receive compensation for his or her services. Members of the committees who are city employees shall receive only such compensation as is set forth as salary and benefits in the annual appropriation ordinance.

Dedication.

Every budget for the construction or alteration of a municipal building, which involves the construction or alteration of a municipal building with an original budgeted cost of construction of \$750,000, or more, to which there is or will be public access built for or by the City of Urbana, shall provide that at least one percent of the original budgeted cost of construction, shall be appropriated and deposited in the Public Arts Fund for the purchase, or commission, of art to be located in a public area in, upon, or adjacent to such building, provided; except that if it would be inappropriate to display art at that location, said one percent shall be used for the acquisition or commission of art to be located in a public area in, upon, or adjacent to or in close proximity to other municipal buildings. This provision, however, shall not apply to any building or project constructed with funds which exclude public art as an eligible cost. At the time of project approval, adequate additional funds for the maintenance, and

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preservation of the subject art shall be put aside into the Public Arts fund.

Public Arts Fund.

A Public Arts Fund is hereby created to serve as an account through which funds from the city, outside grant monies, private and corporate donations for the arts, and other revenue sources can be received, collected, and distributed.

Administration.

The Urbana Public Arts Commission shall have the authority to select works of art, remove works of art previously displayed based on a de-accession policy, promulgate criteria for selection of works of art and artists and maintenance, and take any other action necessary to carry out its purposes for projects as described in the section on Duties, in accordance with the annual budget and subject to all ordinances of the City of Urbana.

The Community Development Services Department, in coordination with the Public Arts Commission, shall administer the Public Arts Program and all Public Arts Program projects, including artwork(s) received as gifts to the City of Urbana. The Community Development Services Department shall be the contracting officer for commission or purchase all works of art after consultation with the Public Arts Commission.

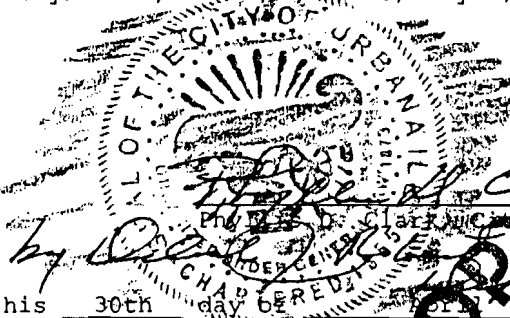
This Ordinance shall be in full force and effect from and after its passage and approval according to law.

PASSED by the City Council this 21st day of April, 2008.

AYES: Barnes, Bowersox, Chynoweth, Lewis, Roberts, Smyth, Stevenson

NAYS:

ABSTAINS:



The seal of the City of Urbana is circular with a sunburst in the center. The text "CITY OF URBANA" is written around the perimeter. In the center, it says "1818".

by Chad Beredjick Clerk
 Chad Beredjick, Clerk

APPROVED by the Mayor this 30th day of April, 2008.

Laurel Lunt Prussing
Laurel Lunt Prussing, Mayor



January 16, 2014

Dept. of Natural Resources and Environmental Sciences
1316 Plant Sciences Laboratory
1201 South Dorner Dr.
University of Illinois
Urbana, IL 61801
217-333-9281
jdawson2@illinois.edu

Re. Hackberry Tree Observations

Dear Jeff:

This letter is a follow-up to your request for me to describe my observation of the hackberry tree in Urbana scheduled for removal due to the potential risk for failure. From an urban forest management perspective, all people involved are commended for the process that is occurring. I teach my urban forest management students that a policy and process should be developed to determine the risk of trees for failure, the community should be part of the process with urban forestry decisions of an important manor (such as with removing trees that carry community significance), and a tree board or commission should be used to provide recommendations to a municipal urban forestry program. Urbana has a long history of a tree commission and this case fits well with obtaining community input that along with expert opinion can be used to make an informed decision.

The hackberry tree has an emotional attachment due to its large size. As an observer, it is hard not to have that as an important sense. As an observer, that part is put to the side. The tree has a history of branch failure and support systems (cables) installed to support lead branches. From the ground I noted these observations:

- Several large branch wounds from past branch failure. These occurred (I was told) during the 1990 ice storm and during other occasional branch failures.
- Adaptive growth by the tree at some wounds locations. Adaptive growth occurs by trees in response to a sensed loss of a strength (often decay) and occurs through annual additions of wood growth.
- Cavities along main branch leads apparently at the location of a side branch that had died and later decayed away.
- Several cables installed to guy main branch leads together to stabilize the canopy.
- The tree overhangs a rental house and a secondary street.

From images I later observed, these provided additional observations from the canopy perspective:

- Decay is apparent at the location where main branch leads connect to the trunk. Decay at this location is an important concern as loading from the canopy occurs at this location.
- Horizontal cracking was noted on a main lead. Horizontal cracking is a significant defect and an indication that failure is occurring. During tree risk training sessions we are not always able to find good examples to train with as horizontal cracks are indicative of the part failing analogous to a tree in the initial part of breaking during felling.
- Multiple vertical cracks associated with past branch wounds.

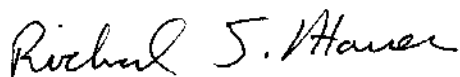
From my initial ground only observation, if I was asked to rate the tree from a level of risk, I would put it in a moderate to moderate approaching high level of risk. Based on the additional photographic evidence, I would qualitatively place the hackberry in a high category for risk. Using a system to rate risk that I was part of the development team with the USDA-Forest Service, I developed a numerical risk rating that uses a scale of 3 to 10 with the possibility of 11 or 12 possible based on additional factors. The system has three main parts:

Probability of Failure (1 to 4 points; 1=low, 2=medium, 3=high, 4=extremely high)
+
Size of Part(s) (1 to 3 points; 1=<4", 2=2 to 20", 3=>20")
+
Probability of Target (1 to 3 points; 1=occasional use, 2=intermittent use, 3=frequent use)
+
Other Risk Factors (0 to 2 points; professional judgment based factors, species + site specific)
=
Risk Rating (3 to 10 points, 11 to 12 possible)

Using this system, my observation is the tree would rank in a 9 to 10 category. This was based on probability of failure (3 to 4) + Size of Part(s) (3) + Probability of Target (3), = Risk Rating (9 to 10). When a tree is placed in a low, moderate, or high category, it does not mean that risk for failure will not occur in low or is imminent in a high. A high risk rating says we have significant concern that based on the defects, size of parts, and likelihood of people or property in that location at a time of failure, the potential exists for a tragic outcome. The risk of rating can be decreased by reducing the probability of failure by removing the defect or stabilizing the defect such has been done. The support systems have likely increased the life span of the tree. Decay in the main lead and branch juncture is a major concern that needs addressing as I see this as a significant part with discussions on how to proceed with the tree. In addition, the horizontal cracking is a concern to address. Another way to reduce the risk rating is to keep people away. This involves blocking the site from entry or warning people of the risk. Both of these are social decisions for a community to decide. It is up to a community to decide what level of risk there are willing to accept.

It was nice to catch up with current events and to work on the sugar maple manuscript. When I traveled to Urbana to work on that paper and my other meeting with staff from the International Society of Arboriculture, little did I know I would have the opportunity to observe this tree and provide my observations. Feel free to contact me with any further questions.

Sincerely,



Richard J. Hauer
Coordinator of the Forestry Discipline
Associate Professor of Urban Forestry
College of Natural Resources
University of Wisconsin-Stevens Point

312 S Coler Hackberry Memorial Proposals

Proposal #1 (cost - \$1,700- \$2,000)

50+ yrs life expectancy of memorial

PUBLIC TREE COOKIE MEMORIAL DISPLAY WITH DELINEATED HISTORY

Preserve and finish one or several large tree cookie/s from lower portion of the tree's trunk to be displayed vertically in City Hall. The lower portion of the trunk is preferred for this project as the bottom will have the most tree rings and be the most interesting in appearance. Historic events would be marked on tree rings and a nice plaque and stand would be fabricated for the display. If two or more were made they could be used other public locations or sold to help compensate costs.

Proposal requires a fresh tree cookie (cut within a month of removal) to be soaked in polyethylene glycol (non-toxic waxy substance used for professional wood working) then sanded and finished. Stewart Berlocher, Tree Commission member, has volunteered to finish the piece and city staff would complete the soaking and drying of trunk section.



Proposal #2 (No Cost)

revenue generator \$1,000+

SELL TREE COOKIES

We presently have requests to purchase 2 untreated 3-4" thick trunk slices for \$250 each or \$500. With this amount already committed it may be possible to acquire \$1,000-\$2,000 in funding for large freshly cut tree cookies. Small tree cookies could also be sold. These tree cookies would not be preserved and will check and crack if allowed to dry naturally.

Proposal #3 (cost - \$400)

3-4 yrs life expectancy of memorial

LEAVE THE TRUNK LOG STANDING AS IS

Leave the trunk standing at 20 ft tall until it begins to decay, lose root support strength and or stability (probably several years). Then remove and dispose of the decayed log.

This would require staff time to inspect the trunk section several times a year with a boom. This option would require a clear understanding that its removal be the sole determination of the City's Arbor Division. A commitment to leave the tall trunk section standing would probably be no more than two to three years. The estimated cost of \$400 is for installing a bronze memorial plaque on concrete base. There may be additional cost to remove the trunk at a later date.

Proposal 4 (cost - \$1,000 per table)

50+ yrs life expectancy of memorial; revenue generator \$500+

SIM HACKBERRY CONFERENCE TABLE FOR PUBLIC USE/DISPLAY

This project requires milled and dry lumber to be provided (see proposal below). Utilize or display one finished table in or near City Council Chambers. The City could take orders for additional tables and sell them to generate proceeds for the Legacy Tree Program.

Proposal 4 continued

Proposal for Hackberry, Urbana Legacy Tree

Daniel Schneider

danielschneiderfurniture@gmail.com

www.danielschneiderfurniture.com

217-417-4490

I propose to build a conference table for use by the city of Urbana from lumber sawn from the trunk of the Legacy Hackberry. The exact dimensions and form will depend to a great extent on the quality and size of the boards that are obtained from the tree. The style of the table will reflect, to as great an extent as possible, the natural form of the boards. My furniture typically incorporates the live edge of the tree into the design, so that the edge of the table will be the actual edge of the tree. In this way, the form will help commemorate the tree. I have attached some photographs of the style of furniture I propose, with the final design depending on the boards themselves and in conjunction with the city.

This project requires sawn and kiln-dried lumber from the trunk section of the tree. For the top, I would need approximately 25 board feet of 4/4 lumber, in 6-8 foot lengths. For the base, I would need 25 board feet of 8/4 lumber, 4-8 foot lengths. The table could be ready approximately 6 weeks after the boards are supplied.

If the city would like the table top to be lettered identifying the legacy tree, I could investigate having letters carved into the surface with a CNC mill. This would be done at cost, perhaps \$300. I have mocked up one possible variation with lettering. This would be done in consultation with the city.

Budget

50 board feet, hackberry lumber

supplied by Urbana. I will pick up from sawyer.

Labor

\$1,000, due on delivery.

Optional lettering

at cost, CNC milled (approx.. \$300)







Proposal #5 (No cost)

[revenue generator \\$1000+](#)

URBANa WOOD UTILIZATION

Create fine quality furniture stock from trunk wood. Have the Hackberry trunk milled and dried into quality lumber to create fine furniture pieces for public display or sell to community and craftsmen for Legacy Tree Program funding. This option promotes sustainability through urban wood utilization.

Mill and dry lumber from a nine foot long section of Hackberry trunk at no cost in return for providing 50% of lumber to the sawyer. Each nine foot trunk section will produce a total of 800 to 1200 bd ft of wood. To keep 100% of the finished product would cost 90 cents a board foot and add \$720-\$1100 per nine foot section of trunk to the project cost.

Hackberry wood stains easily reducing its value/use. Wood needs to be milled and dried soon after harvest and stored properly inside. Finished wood could be sold for no less than \$1.85 bd ft (double the cost of milling and drying). Hackberry is sold on the internet as speciality wood for between \$5.00 and \$10.00 a bdf with the higer end for quality milled heartwood and figure wood. Temporary storage of space of six by eight foot space may need to be sought for lumber.

Requires City to haul logs to Autumn Mill Sawyers in Argenta. Only mill in our region that can mill such a large log.

Proposal #6 (No cost and artwork donated to City)

[revenue generator \\$100+](#)

WOOD CARVING OWL ON NATURAL LOG

Good afternoon Mr. Brunk:

My name is Gary Cutler. I live just up the road from the Arbor Division on Smith Road. I'm at 15 Bridle Lane in Carriage Estates Mobile Home Park. I read the article in the paper this morning. I am a wood carver. I've been practicing this craft for a number of years. I work mostly with hand tools, no chain saw. I carve mostly birds, among them owls, my personal favorite. I'm attaching a picture of a high relief carving in a piece of walnut tree of a mother saw-whet owl and fledglings in a tree cavity. I think it adds to the piece that part of the bark was left on the tree. I would like to volunteer, if approved, to do a carving of a great horned owl with fledglings to be exhibited at Anita Purves Nature Center. I would only need a piece of the trunk about 3 foot long (with bark still intact) It would only need to be approx. 6 to 8 inches deep at its center. You'll get the idea from the photograph. If you wanted to come by sometime and take a look at the carving, that'd be fine. You can reach me at 328-5659. Thanks for your time.

Gary

Proposal #6 continued



Proposal #7 (cost - \$360 per bench)

5-25+ yrs life expectancy of memorial (outside vs. inside display); revenue generator \$500+

ROUGH SAWN BENCH WITH HISTORIC TIME LINE ON BENCH BACK

This is what I was thinking could be done. A timeline could start from the date of its removal on the back if the rings are countable. Next most all major Historical events can be put on a plaque with its corresponding tree ring number. Not every ring needs to be counted just the ones of significant historical meaning to Urbana. Cost would be \$360.00. Labor would be \$60.00 of the \$360.00. Let me know if this sounds ok. The Urbana Fee Library would be a good placement for it for viewing and research.

Bench back would be made of one half of a trunk slice 3"-4" thick. Bench would be best displayed inside as it may not be adequately prepared for long term outdoor use. Benches could be sold for additional proceeds

From: Pittman, Michael E [<mailto:pittman@illinois.edu>]



Proposal #8 (cost - \$300-\$400)

10+ yrs life expectancy of memorial

FINISHED STUMP AND PLAQUE

Leave a nicely finished stump of 2 ft in height with a memorial plaque that the public could interact with and easily view and count rings. A nice but simple flower planting could be added for little cost. Cost covers a plaque to be installed somewhere on stump face.

Proposal #10 (cost - \$300 per 10 pens)

revenue generator \$50+

Create specialty wood pens and purse hangers.

Some questions remain about this proposal. Seems as though this proposal would not stabilize the wood? Further information would need to be requested. Pens, purse hangers would need to be sold for more than \$30 purchase price to raise funds.

These are links to a supplier of project kits Wally often orders from. These kits range in price from \$2 to \$20, so the cost of the item varies with the cost of the kit. We usually add \$10 to \$20 to the kit cost to cover labor & shop materials, per item. So of course the final price of the object made will vary. Wally often sells the purse hangers for \$20 or \$25, and Pens for \$10 to \$15 for the simple kitless stick pens you can see on his Facebook page, to \$20 to \$30 each for the kit-based pens.

With your tree having health issues, the wood in areas near the damage may include 'spalting' which makes it prized for woodworking due to the visual patterns the molds/fungus produce in the wood. Some of these can be sold to be 'stabilized' with hardeners and can then be resold at premium prices. See <http://www.woodturningz.com/results.aspx?k=hackberry> for examples of this. (We aren't setup to do stabilizing ourselves, but there are lots of guys that stabilize their own woods, and I'm pretty sure a resource could be found that could do it for you.)

If you call the folks at CU Woodworking in Champaign, they may also have some additional ideas of what you can do with your tree. I know there are local small-time sawmills who can convert sections of the tree into lumber and get it kiln dried so that it can be worked. You can also sell green sections to some lathe workers, green-turned bowls are possible if you have large enough sections (le like 12" to 18"-square healthy chunks.) I'll bet you could convert the tree into a nice chunk of saleable wood with the help of a local sawyer.

Wally's business is a one-man shop so he couldn't convert an entire tree into pens in a short time, which may be what you're thinking of. Each individual pen or other object takes an hour or two to produce from start to finish, but of course one can adopt some assembly-line ideas for reasonable quantities.

Again, CU Woodworking can probably hook you up with a number of local wood workers who may be interested as well.

We're located in Neoga, but I do work at a Champaign company so I'm up there 3 days a week. If you want to see samples of what Wally does, I can bring some with me.



Proposal #11 (\$200-\$500 per painting)

revenue generator \$100+

REPRODUCABLE PAINTINGS FOR FUND RAISING

Mike--

I am enclosing two proposed designs for the hackberry tree project. Both are shown with a blank background, because I am assuming they would be reprinted on some kind of certificate, if chosen (possibly with information about the tree, as well). One is an image of the tree in full foliage, the other is themed around the life that the tree supports (it could be also be done with different birds, or include some of the native butterflies the tree supports.) Either design, done as a full size painting, (with appropriate background) in the size range of 30x40 inches would be \$500. Smaller, with (8.5 x11, or so) limited background like this would be \$200-250. Reproduction rights to raise funds for the project are negotiable, depending on what you want/need. I've also included a third photo, hacktree3bw to show what the tree image would look like if you wanted it to print as a black and white image. (Same image, color removed).

These are all fairly low resolution files, for the sake of your e-mail box. If you need a higher resolution file at this stage, please let me know.

Thanks for all the help with my questions. I can be reached at 356-4880 or at margrave@illinois.edu.

Cordially,

Mary Margrave margrave@illinois.edu





© 2014 Mary Margrave



© 2014 Mary Mangrove

Proposal #12 (cost - \$15,000 - 30,000+)

100+ yrs life expectancy of memorial

REPLICATE TREE TRUNK

Have Taylor Studios create an exact cast of trunk in fiberglass and use for play log or display such as at the Anita Purves Nature Center.



The following memorial tree projects have been started or completed

Proposal #13 (No Cost)

100+ yrs life expectancy of memorial; revenue generator \$100+

PROPOGATE SEEDLINGS (IN PROGRESS)

Propagate hardwood and softwood cuttings to create genetic replicates of Hackberry. Sell or give away seedlings to community

Jeff Dawson is overseeing the potting and bud grafting of 300 hardwood cuttings this winter. Champaign County Master Gardeners volunteered to take the cuttings and they were delivered to a U of I cooler the same day.

Proposal #14 (No Cost)

100+ yrs life expectancy of memorial; revenue generator \$50+

GROUP PHOTO WITH SIM HACKBERRY (completed)

A group photo was taken by Darrell Hoemann for no charge. Prints are being sold with a percentage of the proceeds going towards Legacy Tree Program. Photo is planned to be recorded as a historical record.

Proposal #15 (No Cost)

100+ yrs life expectancy of memorial?

LIDAR SCAN OF TREE *(completed)*

Illinois Geological Survey oversaw a LiDAR 3D scan of the Hackberry tree.

Proposal #16 (cost - \$150)

100+ yrs life expectancy of memorial

BOTANICAL INK DRAWING OF TREE *(completed)*

Drawing was commissioned for use in Legacy Tree Program literature



