

**CITY OF DELAWARE
SHADE TREE COMMISSION
CITY COUNCIL CHAMBERS
1 SOUTH SANDUSKY STREET
7:00 P.M.**

AGENDA

APRIL 28, 2015

1. ROLL CALL
2. APPROVAL of the Motion Summary for the meeting held March 24, 2015 as recorded and transcribed.
3. PUBLIC COMMENTS
4. DISCUSSION of Delaware City Schools Improvements-David Efland
5. DISCUSSION of First Friday and Watershed Festival Activities
6. DISCUSSION of Tree Stewardship Tree Program
7. ARBORIST REPORT
8. STAFF COMMENTS
9. MEMBER COMMENTS
10. PLAN REVIEWS
 - A. Curtis Farms-Phases 3 and 4
 - B. Stockdale Farms Tree Survey
11. ADJOURNMENT

ITEM 2

SHADE TREE COMMISSION
March 24, 2015
MOTION SUMMARY

ITEM 1. Roll Call

Chairman Carey called the meeting to order at 7:00 p.m.

Members Present: Jim Buck, Michaela Dean, Brenda Hendricks, Amanda Mowry, Paul Olen, Tom Wolber, Councilmember Joe DiGenova, Vice-Chairwoman Susan Wright, and Chairman Dave Carey

Members Absent: Tom Glissman

Staff Present: Doug Richmond, City Arborist

Motion to Excuse: Councilmember DiGenova moved to excuse Mr. Glissman, seconded by Vice-Chairwoman Wright. Motion approved by a 9-0 vote.

ITEM 2. APPROVAL OF MOTION SUMMARY of Shade Tree Commission meeting of February 24, 2015 as recorded and transcribed.

Motion: Vice-Chairwoman Wright moved to approve the Motion Summary for the February 24, 2015 meeting, seconded by Chairman Carey. Motion passed by an 8-0-1 (Mowry) vote.

ITEM 3. PUBLIC COMMENTS

Ms. Lisa Bowers, 8995 E. Main Street, Columbus, Urban Forester for The Ohio Department of Natural Resources, Division of Forestry.

Ms. Bowers spoke to the Commission over the Tree Commission Academy courses that will be offered. Ms. Bowers provided information on the prerequisites for admission into the Freshman Class through the Senior Class.

Ms. Hendricks voiced an interest in the course, and Chairman Carey plans to discuss with the City of Delaware a sponsorship to the program.

ITEM 4. DISCUSSION of Arbor Day Activities.

Chairman Carey informed the Commission that he placed a call to the YMCA to discuss an appropriate location for the Arbor Day Celebration. Chairman Carey recommends that instructions be available to plant seedlings to hand out to those individuals that attend the ceremony. Ms. Mowry to follow up with the YMCA on a ceremony to take place at approximately 4:30 p.m. on April 24, 2015, and will follow up with a group email.

Chairman Carey presented to the Commission the idea of dedicating the Arbor Day tree to Mr. DiGenova. The Commission was in agreement to this suggestion. Mr. Richmond recommended that the tree be planted near the front of the YMCA, west of the new parking lot.

Discussion was held on the May First Friday event in the Downtown Historic District. Vice-Chairwoman Wright suggested that the Commission sign up by the next meeting for shifts to help pass out pamphlets and seedlings. The Commission plans to begin set up at 5:30 p.m.

Discussion was held on the various children activities to provide during the First Friday event. Councilmember DiGenova discussed the idea of providing a coloring page. Ms. Bowers presented to the Commission the idea of building a tree on a poster board and branch off with information provided by participants on what benefits trees provide to the community. Mr. Wolber informed the Commission that he is finalizing the flier and condensing the information. Mr. Wolber plans to send out a copy of the finalized flier when completed. Ms. Hendricks volunteered to assist with the children's activities.

Ms. Hendricks requested that eleven of the seedlings be donated to eleven Girl Scouts that will be receiving their Gold Award. The Commission was in agreement.

Mr. DiGenova discussed contacting the Gazette on an article regarding Arbor Day, and informed the Commission that he has a tree from an Arbor Day Ceremony from 37 years ago.

ITEM 5. DISCUSSION of Annual Shade Tree Commission Report
Vice-Chairwoman Wright presented the Shade Tree Commission Report draft to the Commission members, and plans to present the report to Council on April 13, 2015.

Mr. Wolber recommended the addition into the report the discussion of working with other communities and the efforts for sidewalk damage related to tree roots. Chairman Carey was in agreement with the addition of sidewalk discussion to formally recognize the efforts made by the Commission regarding this issue.

Ms. Hendricks discussed the role that the Commission takes in communicating with the different departments throughout the City of Delaware.

ITEM 6. DISCUSSION of Volunteer Pruning Program

Ms. Dean provided to the Commission a revision of the Volunteer Program requirements. Vice-Chairwoman Wright discussed her efforts in reaching the

Master Gardeners in the area to have a soft start in June.

Mr. Richmond discussed the need to prune trees that have had growth related to water shoots. Mr. Richmond also discussed the need for a liability waiver, an identification badge, reflective vest, and safety glasses. Chairman Carey also requested that in the waiver the addition to protect the volunteers from liability on any damage that may occur to city trees. Mr. Olen recommended that the group begin with the task of door hanging.

Discussion held with the Commission on training requirements and hours. Mr. Richmond discussed that pruning instructions will come from him and that initial training will also include how to handle homeowner concerns and complaints. Chairman Carey recommends that the volunteer program not be responsible for monitoring AEP.

ITEM 7. ARBORIST REPORT.

Mr. Richmond provided the arborist report for March 2015. Mr. Richmond informed the Commission that there were no stumps removed. Mr. Richmond reviewed the tree maintenance in which eight street trees were pruned, and that two trees were involved in auto accidents which resulted in total losses. These trees will be compensated by the driver's insurance and that cost of both trees will allow for an additional eight trees plus the replacement of the two damaged trees. These trees will be replaced in the same neighborhood that the accident occurred in.

Mr. Richmond informed the Commission that on April 16, 2015 the Tree City USA award ceremony will take place in Bellefontaine, Ohio, which will include a walking tour.

ITEM 8. STAFF COMMENTS

Mr. Richmond reviewed customer service requests for the month of February.

ITEM 9. MEMBER COMMENTS

Councilmember DiGenova discussed the addition of information regarding the Watershed Festival to be sent out with the monthly water bills.

Ms. Dean stated that she needs to meet with the National Honor Society to discuss the replacement of student representative for the Shade Tree Commission.

Mr. Olen to present at the Watershed Festival meeting the ideas for activities, which include, tree identification activity, coloring table, and a scavenger hunt.

Chairman Carey discussed his opinion regarding the Delaware City Schools improvements and the initial concerns regarding the acreage that was set aside to accommodate the improvements. Chairman Carey discussed that after further review he feels less concerned on the issue.

ITEM 10. PLAN REVIEWS

- A. Communities at Glen Ross-Section 4- plan approved as submitted.
- B. Communities at Glen Ross-Section 5- plan approved as submitted.
- C. Meeker Way (Informational Only)
- D. Stockdale Farms (Revised) - Commission recommends eliminating Adirondack Crabapple Trees at the Middle Mead entrance and replacing with Ivory Silk Lilac Trees.

ITEM 11. ADJOURNMENT

Motion: Ms. Dean moved to adjourn the meeting, seconded by Vice-Chairwoman Wright. The Shade Tree Commission meeting adjourned at 8:44 p.m.

Chairman Carey

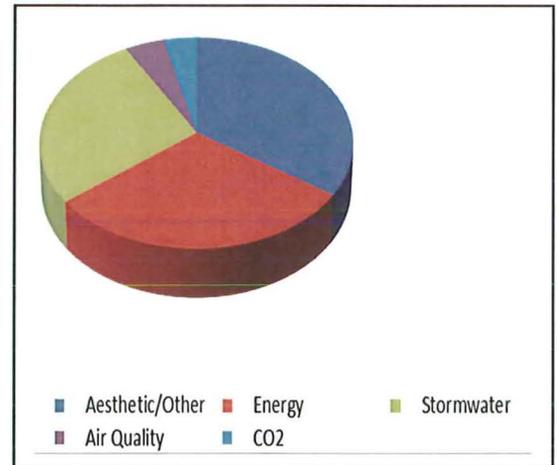
Clerk

ITEM 5

Analysis of Benefits of Public Trees in Delaware at a Glance

The city managed portion of our urban forest here in Delaware, Ohio (street trees and park trees) is made up of more than 14,000 trees valued at more than \$14 million. An inventory of these trees was commissioned by the Shade Tree Commission and was conducted by Ohio State University Extension, Delaware County Master Gardner Volunteers, and the Delaware City GIS Coordinator from 2010 to 2013.

Benefits	\$/tree	\$/capita	Total (\$)
Aesthetic/Other	\$18.13	\$7.65	\$265,772
Energy	\$15.74	\$6.64	\$230,667
Storm water	\$14.40	\$6.08	\$211,132
Air Quality	\$2.37	\$1.00	\$34,735
CO2	\$1.96	\$0.83	\$28,692
Total Benefits	\$52.60	\$22.19	\$770,998



These trees provide an annual benefit to the city's residence of over \$770,000 while the cost of managing these trees is less than \$100,000. The energy savings depicted above is reflected in reduced heating and cooling costs to the city's residence!

Street tree diversity is a big push for the Shade Tree Commission and the city's arborist. Currently 32% of our city managed trees are maples. While these trees are readily available and able to handle the rigors of a curbside environment, having too many of one species of tree leaves the city open to a huge loss if an exotic pest like the Asian Longhorn Beetle finds its way to Delaware.

The data was recorded in *iTree*, a publicly available software package developed collaboratively by the USDA Forest Service, Davey Tree Care Company, and others. Analysis and figures for this report were generated by T. Davis Sydnor and Sakthi Subburayalu, School of Environment and Natural Resources, The Ohio State University. The entire report will be available soon on the City of Delaware website and includes several recommendations by the authors for getting the most out of our urban forest.

http://www.delawareohio.net/Departments/Parks_Recreation/shadeTreeCommission.aspx

A Tree Can Help

Trees provide

Paint Varnish
Shoe polish Firewood
Poster board Maple syrup

Trees provide wood for

Houses Pencils
Paper Books
Musical instruments

Trees provide shade for

Picnics Play Rest

Trees release oxygen and absorb carbon dioxide, freshening city air.

Trees help settle dust and other airborne particles by trapping them on moist leaves, from which rains wash the dirt to the ground.

Trees block winds, settling dust, creating comfortable outdoor spaces and reducing heat loss from buildings.

Trees soften noise by breaking up sound waves with leaves and branches.

Trees screen harsh development and give a community visual character and unity.

Trees increase property values, sometimes by as much as \$10,000 for each building.

Trees expand employment opportunities in landscape contracting and maintenance and help draw customers to business areas.

Trees increase neighborhood pride by involving people in improving and caring for their surroundings.

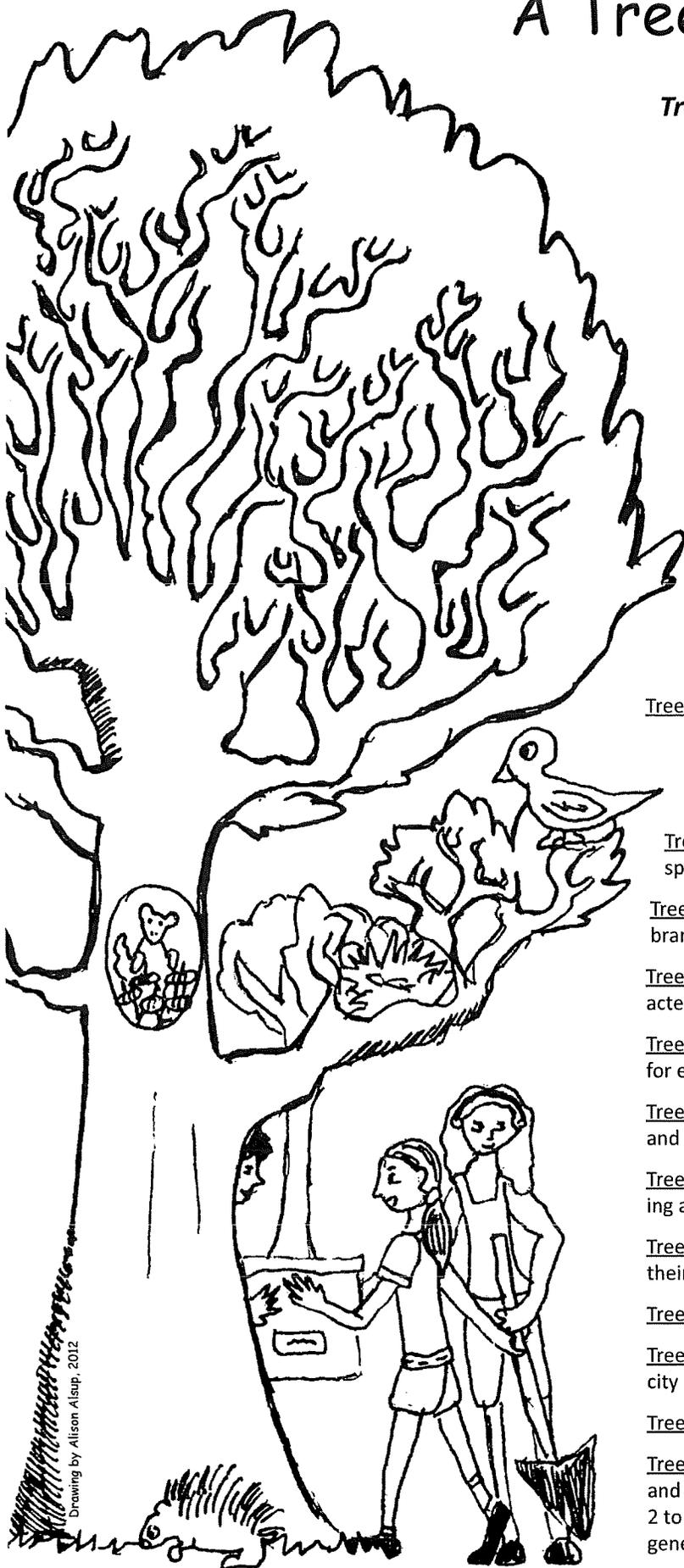
Trees hold soil with their roots and break the fall of raindrops with their leaves, reducing erosion.

Trees provide wildlife habitat for birds and mammals.

Trees represent nature and contact with natural resources for many city dwellers.

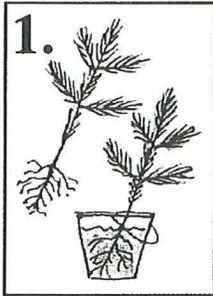
Trees cool air by giving shade and releasing moisture.

Trees convert solar energy into such usable forms as timber, food, and fuel. One city shade tree represents the energy contained in 2 to 12 barrels of oil, which research suggests could economically generate electricity when the tree dies.

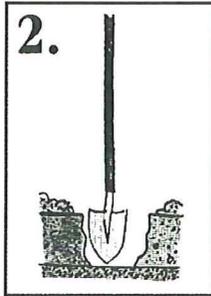


Drawing by Allison Alsop, 2012

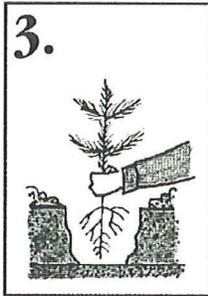
How to Plant a Bare-root Tree



1. Unpack tree and soak in water 3 to 6 hours. Do not plant with packing material attached to roots and do not allow roots to dry out.



2. Dig a hole, wider than seems necessary, so the roots can spread without crowding. Remove any grass within a 3-foot circular area. To aid root growth, turn soil in an area up to 3 feet in diameter.



3. Plant the tree at the same depth it stood in the nursery, without crowding the roots. Partially fill the hole, firming the soil around the lower roots. Do not add soil amendments.



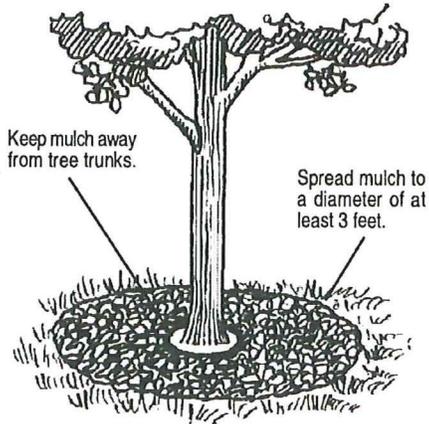
4. Shovel in the remaining soil. It should be firmly, but not tightly packed. Construct a water-holding basin around the tree. Give the tree plenty of water.



5. After the water has soaked in, place a 2-inch deep protective mulch in an area 3 feet in diameter around the base of the tree (but not touching the trunk).



6. During dry weather, water the tree generously every week or 10 days during the first year.



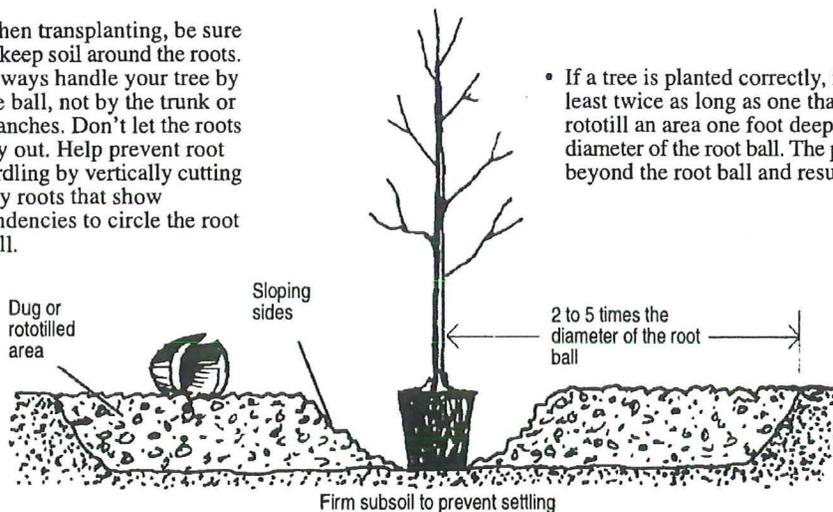
A properly mulched tree

Mulch: A Tree's Best Friend

Mulch is a young tree's best friend. It holds down competing weeds or grass, retains moisture, prevents soil cracking that can damage new roots, protects the trunk from lawnmower damage, and helps prevent soil compaction. Common mulches include bark, wood chips, decorative gravel, and crushed lava. Organic mulches such as wood chips or pine needles also contribute to better soil structure and aeration as they decompose. Avoid limestone rock and allow no mulch to touch the tree's trunk or be piled higher than 3 inches.

How to Plant a Containerized Tree

- When transplanting, be sure to keep soil around the roots. Always handle your tree by the ball, not by the trunk or branches. Don't let the roots dry out. Help prevent root girdling by vertically cutting any roots that show tendencies to circle the root ball.



- If a tree is planted correctly, it will grow twice as fast and live at least twice as long as one that is incorrectly planted. Ideally, dig or rototill an area one foot deep and approximately five times the diameter of the root ball. The prepared soil will encourage root growth beyond the root ball and result in a healthier tree.

- After placing the tree, pack soil firmly, but not tightly, around the root ball. Water the soil and place a protective 3-foot circle of mulch around the tree.

Tree seedlings provided by Delaware Soil and Water Conservation District: <http://www.delawareswcd.org/>

Tree seedling give-away sponsored by the Delaware Shade Tree Commission. Visit us at http://www.delawareohio.net/Departments/Parks_Recreation/shadeTreeCommission.aspx



City of Delaware, OH Street Tree Program Guide

Please view **Chapter 907** of the Delaware City Code to find ordinances on public and private trees and shrubs in the City.

Delaware's Cost-Share Tree Program

Residents are encouraged to consider the "Cost-Share Tree Program". The resident contributes \$125.00 for the replacement of a tree and the City matches their contribution with an additional \$125.00. The City will plant and maintain the tree. Orders should be placed in early March for spring planting and early August for fall planting. Applications can be obtained at the City of Delaware's Public Works Department at 440 E. William Street, Delaware, OH, or by calling 740-203-1810. Office hours are Monday-Friday from 7:00 AM to 4:00 PM.

How to Plant Your Own Tree on a Tree Lawn

If you wish to plant your own tree on the City tree lawn, please call 740-203-1810. A City representative will meet with you and determine the best species options for your planting site. Once a species has been determined, the City will provide written planting and watering instructions. It will be the homeowner's responsibility to call the Ohio Utilities Protection Service at 811 to locate buried utilities before digging in the tree lawn area.

Special Note

Maples (*Acer sp.*) have been a popular tree to plant in the City, making up about 33% of the urban forest. The STC recommends planting fewer Maples because of the following:

- A. Some of the newer varieties, especially Red Maples, are causing the most sidewalk heaving regardless of sidewalk width.
- B. Environmental problems, such as winter sun scald and high soil pH, have become serious problems for Maples, especially Red Maple varieties.
- C. The most immediate insect threat to our urban forest is the Asian Longhorned Beetle (*Anoplophora glabripennis*). The preferred host is the Maple.

Street Tree Species Guide

The Delaware Shade Tree Commission recommends planting these species of trees in the City because they have performed well in the past with few insect, disease, or environmental problems. This list was produced after years of trials using many different species. If more species are to be added to the list, it should be done with caution and on a trial basis. This list is subject to change by the City at its discretion.

Small Trees: 30' tall or less, for 4' and over tree lawns as well as any underwire situations

- Japanese Tree Lilac (*Syringa reticulata* 'Ivory silk')
 - Height: 20'-30' (25' at age 30)
 - Flowers: Large creamy-white; Bloom in early June in Delaware
- Trident Maple (*Acer buergerianum*)
 - Height: 20'-30' (25' at age 30)
 - Flowers: Inconspicuous; Fruit: One inch and winged
- Tartarian Maple (*Acer tataricum*)
 - Height: 15'-25' (20' at age 30)
 - Flowers: Inconspicuous; Fruit: One inch and winged

Small Trees: Trials

- American Hornbeam (*Carpinus caroliniana*)
 - Height: 25'-30' (Height at age 30 unknown)
 - Flowers: Catkin; Fruit: Hanging nutlets

Medium Trees: 30-60' tall, for 5' and over tree lawns

- Lindens (*Tilia sp.*) Corinthian, Greenspire, Chancellor, Littleleaf
 - Height: 45'-65' (40' at age 30)
 - Flowers: Pale yellow; Fruit: ¼" nutlets
- Honeylocust (*Gleditsia triacanthos*) Imperial, Skyline
 - Height: 30'-40' (35' at age 30)
 - Flowers: Inconspicuous; Fruit: Usually fruitless
- Shantung Maple hybrid (*Acer truncatum x platanoides*), Pacific Sunset, Norwegian Sunset
 - Height: 30'-45' (30'-35' at age 30)
 - Flowers: Greenish-yellow; Fruit: 1 ½" winged samara
- Sawtooth Oak (*Quercus acutissima*)
 - Height: 40'-50' (40' at age 30)
 - Flowers: Golden Catkins; Fruit: Acorn
 - Holds yellow-brown leaves into winter

Medium Trees: Trials

- Black Tupelo (*Nyssa sylvatica*)
 - Height: 30'-60' (Height at age 30 unknown)
 - Flowers: Inconspicuous; Fruit: Small black berry-like (If it fruits at all)

Large Trees: 60' or greater, for 6' and over tree lawns

- Shumard Oak (*Quercus shumardii*)
 - Height: 60'-80' (40' at age 30)
 - Flowers: Inconspicuous; Fruit: Acorn
- Northern Red Oak (*Quercus rubra*)
 - Height: 60'-80' (40' at age 30)
 - Flowers: Inconspicuous; Fruit: Acorn
- Swamp White Oak (*Quercus bicolor*)
 - Height: 60'-80' (30' at age 30)
 - Flowers: Inconspicuous; Fruit: Acorn
- Silver Linden (*Tilia tomentosa*)
 - Height: 60'-70' (45' at age 30)
 - Flowers: Fragrant yellow-white; Fruit: 1/3" nutlet
- Japanese Zelkova (*Zelkova serrata* 'Halka')
 - Height: 60'-70' (50' at age 30)
 - Flowers: Inconspicuous; Fruit: inconspicuous

- Ginkgo (*Ginkgo biloba*) Autumn Gold – Male only
 - Height: 45'-55' (35' at age 30)
 - Flowers: Inconspicuous; Fruit: Fruitless

- Hardy Rubber Tree (*Eucommia ulmoides*)
 - Height: 40'-60' (30' at age 30)
 - Flowers: Inconspicuous; Fruit: Inconspicuous

- Elm Hybrids (*Ulmus sp.*) Homestead, Frontier, Accolade, Pioneer, Triumph and American Elm cultivars (*Ulmus americana*) Valley Forge, Princeton
 - Height: 40'-60' (50' at age 30)
 - Flowers: Inconspicuous; Fruit: ¼" winged; None on some

Large native trees for parks and larger open spaces; Not suitable for street trees

*Any street tree cultivar can also be used in a park or open space.

- American Sycamore (*Platanus occidentalis*)
- American Beech (*Fagus grandifolia*)
- Black Cherry (*Prunus serotina*)
- Black Spruce (*Picea mariana*)
- Blue Spruce (*Picea pungens*)
- Bur Oak (*Quercus macrocarpa*)
- Chestnut Oak (*Quercus prinus*)
- Cucumbertree (*Magnolia acuminata*)
- Eastern Red Cedar (*Juniperus virginiana*)
- Shagbark Hickory (*Carya ovata*)
- Shellbark Hickory (*Carya laciniosa*)
- Sugar Maple (*Acer saccharum*)
- Tuliptree (*Liriodendron tulipifera*)
- Virginia Pine (*Pinus virginiana*)
- White Oak (*Quercus alba*)
- White Cedar (*Thuja occidentalis*)
- White Pine (*Pinus strobus*)

City of Delaware, OH Tree Planting Restrictions

If you wish to view a list of trees approved for tree lawn planting in the City of Delaware, please refer to the "City of Delaware, OH Street Tree Program Guide". These trees have a history of good performance with limited insect, disease, or infrastructure problems while tolerating the more challenging environment of a curb side planting.

Please contact the City at 740-203-1810 with any questions related to planting trees in the City.

The following list provides names of trees not recommended within 10-15 feet sidewalks, not recommended for planting anywhere in the City, and trees not permitted for planting anywhere in the City without approval.

Trees not permitted on City tree lawns and not recommended within 10-15 feet of sidewalks or bike paths:

Apple (*Malus sp.*), Cherry (*Prunus sp.*), Pear (*Pyrus sp.*) Fruit Trees: Messy fruit, Low branching, Suckering roots
Crabapples (*Malus sp.*): Messy fruit, Low branching
Female Ginkgo (*Ginkgo biloba*): Messy, Odiferous fruit
Mulberry (*Morus sp.*): Messy fruit
Sweetgum (*Liquidambar styraciflua*): Messy fruit
Buckeyes and Horsechestnuts (*Aesculus sp.*): Dangerous, Messy fruit
Walnut (*Juglans sp.*): Dangerous, Messy fruit
Hickory (*Carya sp.*): Messy fruit
Catalpa (*Catalpa speciosa*): Messy fruit
Black Locust (*Robinia pseudoacacia*): Messy fruit, Thorns, Brittle branches
Conifers (Spruces, Pines, Junipers, Firs, and others): Low, wide branching
Box Elder (*Acer negundo*): Low branching, Poor structure, Weedy
Tuliptree (*Liriodendron tulipifera*): Heavy seed production

Trees not permitted on tree lawns and not recommended for planting anywhere in the City:

Silver Maple (*Acer saccharinum*): Weak structure, Surface roots, Invasive roots
Buckthorn (*Rhamnus sp.*): Invasive
Tree-of-heaven (*Ailanthus altissima*): Invasive
Siberian and Lacebark Elm: Weak structure, Invasive
Ornamental Pears, especially Callery Pear (*Pyrus sp.*): Messy fruit, Poor structure, Highly invasive
European Mountain Ash (*Sorbus aucuparia*): Messy fruit, Low branching
American, Red, Moline, and other native Elms that are not hybridized (*Ulmus sp.*): Dutch Elm Disease
Green, White, Black Ash, and other native Ash trees (*Fraxinus sp.*): Emerald Ash Borer

Trees forbidden in the City per Ordinance 907.07 of the Delaware City Code:

No person shall plant Poplar (*Populus sp.*), Willow (*Salix sp.*), or Cottonwood (*Populus deltoides*) trees anywhere in the City unless the City Manager approves the site as one where the tree roots will not interfere with public water or sewer lines or waterways.



TREE CITY USA.

*City of Delaware
Parks and Natural Resources*

COST SHARE TREE PROGRAM APPLICATION

The Cost Share Tree program is designed to provide trees along city streets at a shared cost between Delaware homeowners and the City Parks Division. We hope to encourage a diverse selection of hardy species for our community's Urban Forest. This program was developed to increase Delaware's Urban Forest, improve the environment, and beautify the streets of Delaware.

All orders are filled as they are received and are subject to funding availability

TO BE ELIGIBLE FOR THE COST SHARE PROGRAM:

- Planting site must be on city property, inside city limits
- Site must be to final landscape grade and suitable for species selected.
- City Parks Division personnel will not be held responsible for location or repair of underground irrigation.
- Homeowner agrees to water tree regularly.
- Limit ONE tree per applicant/location, depending on the number of applicants and available funding.
- There is **No Warranty** granted with the purchase/planting of these trees.

**COST SHARE TREE APPLICATION
COST PER TREE: \$125**

Send application and \$125 check to:

City of Delaware
Public Works Department
440 E. William St.
Delaware, OH 43015

Resident's Name: _____

Mailing Address: _____

Planting Address: _____

Home Phone: _____ Work Phone: _____

For Office Use Only:

Date Received:

Amount Received:

Cash/Ck/MO/CC:

Staff Initials:

ITEM 7

**Arborist Report
Monthly Summary
Reporting Month-April 2015**

Activity completed in April 2015

I. Tree and Stump Removals

- 8 Trees were removed due to mortality issues. 3 – 6” Tatarian Maple , 2 – 12” Ash Trees, 1 – 24” Ash Tree, 2 – 6” Bradford Pear.

II. Tree Maintenance

15 street trees were pruned for street, sidewalk, and signage clearance,.

III. Inventories

IV. Issues/Concerns

- Ongoing project to shape street trees to allow for sidewalk and roadway clearance based on CSR request and areas needing the most attention. Project will continue through 2015. Weather has caused delay in this project.
- AEP is working circuits on the North side of the city and will be pruning along Pennsylvania Ave. and Troy Road this month.
- Attended Tree City USA awards event on April 16th in Bellefontaine. City of Delaware and its Shade Tree Commission was awarded its 34th consecutive year of being a Tree City USA. Program included a brief history on the Piatt Castles and grounds with Margaret Piatt speaking about growing up in and on the grounds of the properties. There was a short walk through the downtown streets of Bellefontaine to the Holland Theatre where its history was shared with the group. Lunch and the awards ceremony closed out the day’s event.

V. Staff

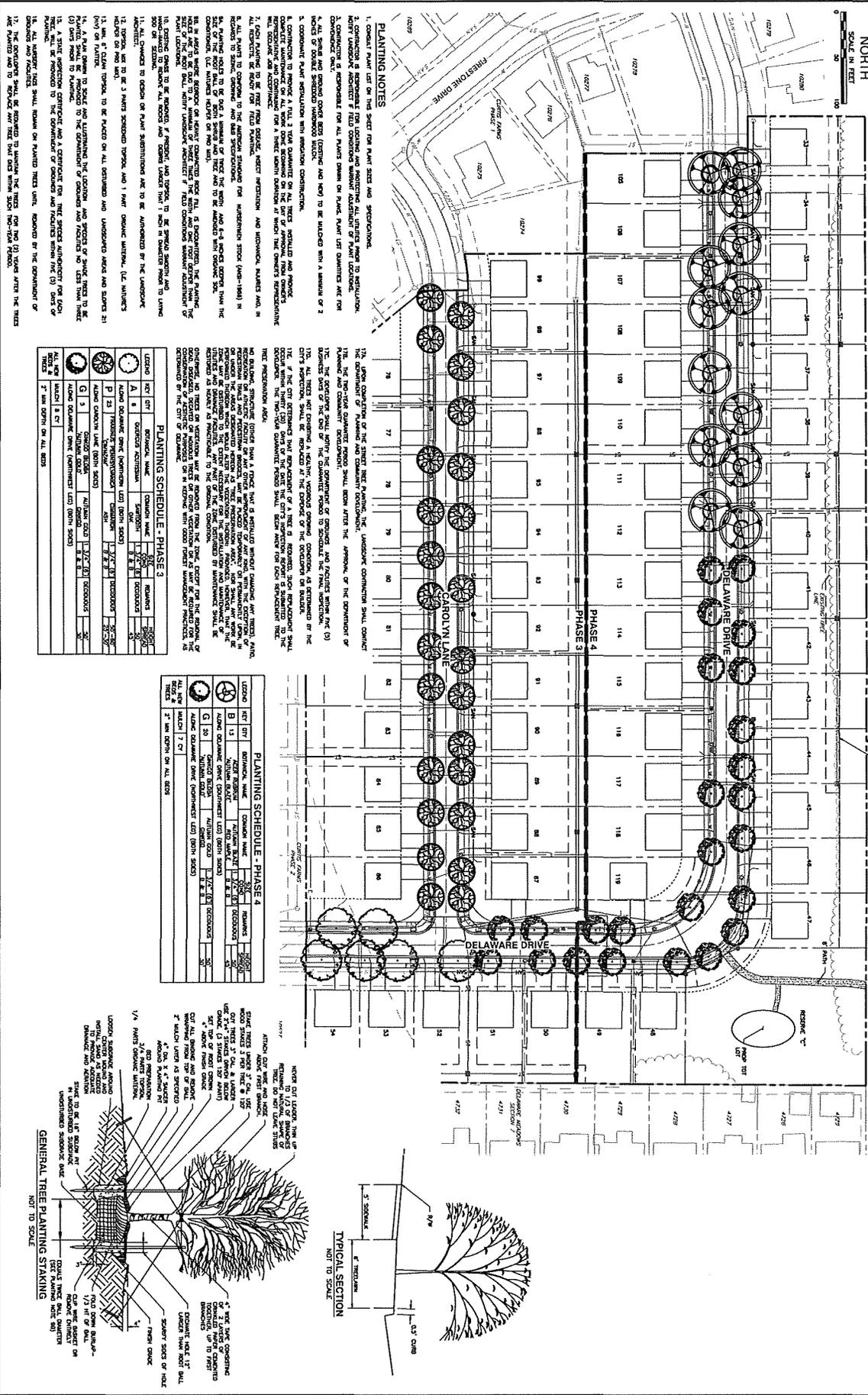
No new issues.

ITEM 8

Customer Service Requests
March 2015

Requests for Inspection for Viability	3
Tree Damage from Accidents	1
Request for Pruning	4
Requests for Removal	3
Root/Sewer Interactions	1
Downed Tree-Removal	1
Total Service Requests	13

ITEM 10A



PLANTING NOTES

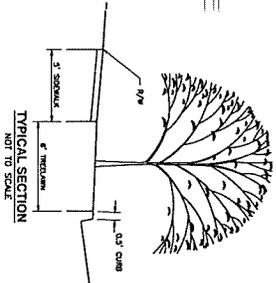
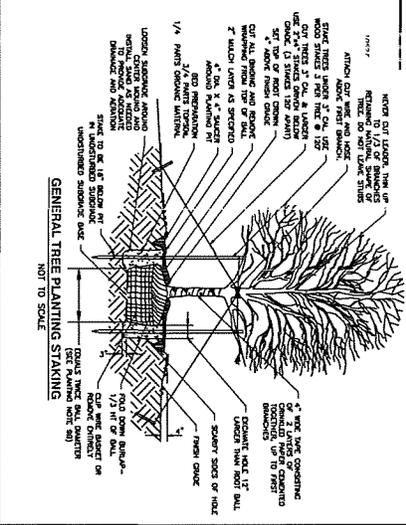
1. CONSULT LANDSCAPE ARCHITECT FOR PLANT SPECIES AND SPECIFICATIONS.
2. CONSULT ARCHITECT FOR PLANTING AND SPECIFICATIONS. ALL PLANTING SHALL BE IN ACCORDANCE WITH THE CITY OF DELAWARE PLANTING SPECIFICATIONS AND STANDARDS.
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PLANTING SCHEDULE - PHASE 3

USDBO	REF	CITY	REMARKS	COMMON NAME	PLANTING DATE	PLANTING METHOD	PLANTING LOCATION
A	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
B	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
C	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
D	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
E	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
F	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
G	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
H	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
I	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
J	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
K	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
L	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
M	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
N	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
O	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
P	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
Q	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
R	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
S	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
T	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
U	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
V	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
W	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
X	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
Y	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3
Z	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 3

PLANTING SCHEDULE - PHASE 4

USDBO	REF	CITY	REMARKS	COMMON NAME	PLANTING DATE	PLANTING METHOD	PLANTING LOCATION
A	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
B	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
C	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
D	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
E	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
F	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
G	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
H	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
I	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
J	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
K	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
L	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
M	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
N	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
O	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
P	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
Q	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
R	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
S	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
T	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
U	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
V	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
W	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
X	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
Y	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4
Z	1	1	REMOVES	ALBANY DOGWOOD (DOGWOOD)	10/15/18	10/15/18	PHASE 4



DATE: APRIL 2018
 DRAWN BY: CJA
 CHECKED BY: CJB
 PROJECT NO: 14-2748
 APPROVED BY: CLL

LANDSCAPE PLAN

CURTIS FARMS PHASES 3 & 4
CITY OF DELAWARE, OHIO

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Civil & Environmental Consultants, Inc.
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REVISION RECORD

NO.	DATE	DESCRIPTION	INITIALS