

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

AGENDA

JUNE 28, 2016

1. ROLL CALL
2. APPROVAL of the Motion Summary for the meeting held May 24, 2016 as recorded and transcribed.
3. PUBLIC COMMENTS
4. ARBORIST REPORT
5. PRESENTATION of Boardman Art Garden Concepts
6. REVIEW and RECOMMENDATION on Street Tree Replacement and Pruning Management
7. REVIEW of Commission Outreach Activities
8. STAFF COMMENTS
9. MEMBER COMMENTS
10. PLAN REVIEWS
11. ADJOURNMENT

ITEM 2

**SHADE TREE COMMISSION
MOTION SUMMARY
May 24, 2016**

ITEM 1. Roll Call

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

Members Present: Shannon Brewster, Jim Buck, Tom Glissman, Tom Wolber, Councilmember George Hellinger, Vice-Chairwoman Susan Wright, and Chairman Paul Olen

Members Absent: Dave Carey and Juliette Rike

Staff Present: Ted Miller, Parks and Natural Resource Director, Doug Richmond, City Arborist and Linda Mathews, Customer Service Liaison

Motion to Excuse: Mr. Wolber moved to excuse Mr. Carey and Ms. Rike, seconded by Vice-Chairwoman Wright. Motion approved by a 7-0 vote.

ITEM 2. APPROVAL OF MOTION SUMMARY of Shade Tree Commission meeting of April 26, 2016 as recorded and transcribed.

Motion: Vice-Chairwoman Wright moved to approve the Motion Summary for the April 26, 2016 meeting, seconded by Councilmember Hellinger. Motion approved with a 7-0 vote.

ITEM 3. PUBLIC COMMENTS

ITEM 4. ARBORIST REPORT

Mr. Richmond provided an update on activities completed in May 2016. Mr. Richmond stated that 3 tree stumps were removed and that 14 trees were pruned. Information provided on planning for the browse collection for the Columbus Zoo.

Mr. Wolber discussed reviewing the tree stewardship program to find volunteers to assist with pruning.

Mr. Wolber discussed the recent discussion that City Council had regarding the transfer of money from Speedway into the tree fund. A discussion was held on the use of the tree fund. Councilmember Hellinger indicated that they may make recommendations to Council on use of the funding.

Mr. Wolber voiced his concern regarding the utility work to be provided by W.O.W. and concerns of disturbance to the ground in utility easement and

right of ways. Mr. Miller stated that the Assistant City Manager has had contact with W.O.W. regarding city standards.

Mr. Wolber informed Mr. Richmond that 2 maple trees at the end of Plowington Drive, located in Carson Farms, appear to be loose and leaning.

ITEM 5. DISCUSSION of Invasive Species

Chairman Olen provided a PowerPoint presentation regarding Invasive Species and the threat they pose and impact to the surrounding environment.

Mr. Miller provided information on successful efforts and techniques used in Hamilton County against invasive species.

Mr. Wolber discussed the use of goats in other communities to graze on the invasive species as a control method.

ITEM 6. STAFF COMMENTS

Mr. Miller provided an update on the preliminary plans for Valleyside Drive.

Mr. Wolber voiced his concern over the proposed bridges for Valleyside Drive. Mr. Wolber recommends due to flooding issues that can occur in the area that city staff look at a bridge that is higher and wider. Mr. Wolber also recommended that part of the bridge be dedicated for safe passage for wild life.

Mr. Miller provided information of the proposal by the Northwest Neighborhood Association to turn Boardman Field into a passive park.

Mr. Miller provided an update on the E. William Street improvements and potential root barrier tactics.

ITEM 7. MEMBER COMMENTS

Chairman Olen requested an update regarding a new student representative. Ms. Mathews stated that staff has made an inquiry with Delaware City Schools.

Vice-Chairwoman Wright discussed plans for the June 18 Watershed Festival. Vice-Chairwoman Wright plans to distribute a sign-up sheet by email for volunteers. Vice-Chairwoman Wright and Ms. Brewster indicated that they will be unavailable to volunteer at the event. A request was made by the Commission for two tables.

Mr. Wolber provided an update information handout of the City of Delaware Shade Tree Commission.

ITEM 8. PLAN REVIEWS

Ms. Mathews stated that there will be an additional review for Ohio Wesleyan Residential Living Units on Rowland Avenue.

- A. Certified Oil-Approved as submitted for address 2061 U.S. Highway 23, Delaware, Ohio.
- B. Symmetry II-Approved with right of way trees changed to little leaf lindens.
- C. Ohio Wesleyan Residential Living Units-Rowland Avenue-Informational

ITEM 9. ADJOURNMENT

Motion: Mr. Wolber moved to adjourn the meeting, seconded by Chairman Olen. The Shade Tree Commission meeting adjourned at 8:48 p.m.

Chairman Olen

Clerk

ITEM 4

**Arborist Report
Monthly Summary
Reporting Month- June 2016**

Activity completed in June 2016

I. Tree and Stump Removals

- 3 Trees were removed in June 2016 by City Staff due to mortality issues.
- 10 Stumps were ground out in June

II. Tree Maintenance

- 537 street trees were pruned by City Staff and outside contractors in June 2016 for street, sidewalk, and signage clearance,

III. Inventories

- 12 Street and Cost Share Trees were planted this spring. Trees were trees that were not available last fall and a couple of Cost share trees.
- **Current backlog of Street Trees to plant is 293 trees. This includes trees removed in 2013,2014, 2015 and 2016.**
- **Currently there are 58 Ash trees remaining on City ROWs throughout the City. These trees are infested with EAB but have not met the 30% threshold for removal. The City is exploring option of moving forward with removal and replacing with 2016 Fall planting.**
- **The City is exploring options of having an outside contractor perform more street tree clearance pruning to assist the City to maintain the street trees in the ROW into a 5 year rotation pruning schedule.**

IV. Issues/Projects/Concerns

- Ongoing project to shape street trees to allow for sidewalk and roadway clearance based on CSR request and areas needing the most attention. Work will continue on this project throughout 2016.
- There was an isolated issue with some street tree pruning that was done at an address in the Lantern Chase subdivision that was brought to our attention by the resident. The contractor that the City had performing the work had not inspected tree after pruning and had left a branch half cut through and a couple of stubs on trees. Also there was some question as to how much was being removed from the trees. I have followed up with our contractor to make sure that the quality of the pruning being done will be to industry standards and to the City Codified Ordinance # 907.50. The issues in the trees in question have been repaired.
- **The City is exploring options of having an outside contractor perform more street tree clearance pruning to assist the City to maintain the street trees in the ROW into a 5 year rotation pruning schedule.**
- The City of Delaware and the Columbus Zoo is partnering together in providing browse for the Zoo animals. The Zoo has picked up 2 loads of

limbs the City has pruned so far. The City and the Zoo are working on a MOU at this time.

- Ariel Spraying for the Gypsy Moth has or will be taking place this month. The application will be done by an airplane and will be delivering a mating disrupting pheromone.

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V. Staff

No new issues.

ITEM 5



Boardman Art Garden

Uniting Culture, History and Community

May 2016

Project Concept Overview

The 2.2 acre green space located along Winter, Catherine and William Streets, will be available for development in the summer of 2017. The neighbors and members of the Northwest Neighborhood Association envision the next evolution of this space as a passive park.

A passive park is one that does not have facilities for exercise or organized play, rather a green space with nature trails and benches. In this interpretation, the goal is to infuse the park with various and rotating art installations, as well as diverse horticulture, for added beauty and ongoing points of interest.

The area has several features that make this space appropriate for a neighborhood passive park:

- First, it is located along the perimeter of the Northwest Neighborhood and adjacent to Ohio Wesleyan University along William St. That location bridges the gap between the two, and would provide neighborhood curb appeal as a gateway into the historic Northwest District;
- Second, as the former site of a 1904 multi-story stone elementary school, it is believed the ground cannot be significantly disturbed (no buildings can be erected without asbestos and lead abatement);
- Third, the Delaware Run traverses the southern fifth of the green space and uncovering the creek may provide an attractive water feature;
- Fourth, there is a small outbuilding that has water, sewer and electricity for patrons of the park;
- Fifth, there is on-street parking on two sides of the location;
- Sixth, public recreation facilities are found within 2-3 blocks at Blue Limestone Park and Willis middle school (available in 2017).

Key characteristics of the envisioned park include:

- arched entryways from Winter, William and Catherine Streets
- natural barriers (hedges and trees) for sound deadening, fencing and visual calming
- winding paths with points of interest, artistic benches, small tables and low down-lighting
- open / day-lighted Delaware Run creek with gently sloping low banks and bridges to traverse the water feature
- a small covered stage or platform for performance art
- low maintenance, irrigated, natural gardens with four season color in the vegetation and unique plant varieties; including those that would attract birds, bees, bats and other wildlife
- permanent, temporary and natural art - selected from a variety of sources that are unique, yet complementary, to current art installations in Delaware
- renovation of the public restroom with solar power and other modern amenities
- artistic renderings of important and historical figures of Delaware

Funding for this development project will be through donations, grants, fund raisers and other means collected by the Northwest Neighborhood Association. Ongoing maintenance will be performed by the City of Delaware. Ownership of the property will be worked out between the Delaware City School Board and the City of Delaware.

Contact:

Roxanne Amidon, President, Northwest Neighborhood Association, 614-226-8744

**CITY OF DELAWARE
PARKS & NATURAL RESOURCES
BOARDMAN ART GARDEN
CONCEPT 1**



DATE: JUNE 13, 2016
SHEET SIZE: 8.5 x 11

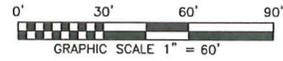


- NOTES:
1. SITE FURNITURE SUCH AS BENCHES, TRASH CANS, ETC. TO BE INCLUDED IN FINAL DESIGN.
 2. STREAM RESTORATION IS PRELIMINARY, DETAILS IN FINAL DESIGN.
 3. FUTURE RESTROOM FACILITY TO BE INCLUDED AS DETERMINED BY COMMITTEE. MAYBE AN ALTERNATIVE AS COST ESTIMATES ARE REALIZED.
 4. BORDERS FROM EXISTING PARK REMOVED AND OPEN VIEWS INTO PARK ARE PROMOTED FOR SAFETY.
 5. AMPHITHEATER TO BE BUILT AS A NATURAL SETTING AND PART OF THE STREAM RESTORATION.

**CITY OF DELAWARE
PARKS & NATURAL RESOURCES
BOARDMAN ART GARDEN
CONCEPT 2**



DATE: JUNE 13, 2016
SHEET SIZE: 8.5 x 11



- NOTES:
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 4. ENTRANCES WITH ARCHES AND INFORMATION KIOSK
 5. LOOP TRAIL $\frac{1}{4}$ OF MILE

ITEM 6

2016 Delaware Street Tree Planting

Planting

Backlog of Trees :

- 293 Trees including 2013,2014,2015, and 2016 through June of this year.
- 58 Ash Trees that are all infested with EAB but have not met the threshold for removal but will need to be replaced in next 5 years

Cost for replacement

Materials:	Complete	no Ash trees
- 293 Trees @ \$125/ Tree for Purchase	-\$36,625.00	\$36,625.00
- 58 Ash Trees @ \$125 / Tree	-\$ 7,250.00	
- 200 (6') Tree Stakes @ \$175.00	-\$ 350.00	\$ 350.00
- Tree Tie (700') @ .11 / Ft	-\$ 70.00	\$ 70.00
- Water Tank (225Gal) @ \$500.00	-\$ 500.00	\$ 500.00
- Water Pump	-\$ 300.00	\$ 300.00
- 60' Water Hose	-\$ 40.00	\$ 40.00
- 12-12-12 Fertilizer (3) @ 18/bg	-\$ 54.00	\$ 54.00
Materials Total	-\$ 45,189.00	\$ 37,939.00
Labor :		
- Remove Ash Trees 58hrs @\$32.48	-\$ 1,883.84	\$ 0.00
- Planting of 351 Trees by Outside contractor or 293 without Ash replacement	-\$43,875.00	\$36,625.00
- Cost to Water Trees / time @ \$32.48	-\$ 1,136.80	\$ 952.66
Labor Total	-\$ 46,896.00	\$ 37577.00
Total Expenditure	-\$92,085.00	\$75,516.00

The City of Delaware currently has a backlog of 281 street trees that need to be replaced. That number includes trees removed in 2013,2014,2015, and 2016. They are from all over the City and include some Ash replacements. That number however does not include the number of Ash trees that we still have standing that eventually will need to be replaced. We have a total of 58 Ash trees that are still on the ROW in neighborhoods. Most are the Cimieron Ash tree and seem to be holding on despite being heavily infested Emerald Ash Borrer. The wet cool summers we have had the past two years has helped the trees maintain themselves. However, this summer has already been dry and hot and those Ash trees are starting to show signs of stress and failure already. If this type of weather continues we will lose many more Ash trees before the end of 2016. Let t me know if you should have any additional questions or concerns. Thank you.

Estimated Costs for the City of Delaware Five-Year Tree Management Plan

	2016		2017		2018		2019		2020	
	cost/tree	# of trees	cost	# of trees	cost	# of trees	cost	# of trees	cost	# of trees
Street Tree Planting										
replacement trees	\$258.00				\$12,900.00	50	\$12,900.00	75	\$19,350.00	75
backlog	\$258.00	293	\$75,594.00							
ash trees	\$286.00	58	\$16,588.00							
Street Tree Planting Total		351	\$92,182.00		\$12,900.00		\$12,900.00		\$19,350.00	
Street Tree Pruning										
backlog (currently 11,900)	\$7.00	2,400	\$16,800.00	2,400	\$16,800.00	2,500	\$17,500.00	2,600	\$18,200.00	2,700
Forestry staff		1000		1000		1000		1000		1000
Street Tree Pruning Total		3,400	\$16,800.00	3,400	\$16,800.00	3,500	\$17,500.00	3,600	\$18,200.00	3,700
Cost Grand Total			\$108,982.00		\$29,700.00		\$30,400.00		37,550.00	

Based on current estimate of 17,000 total trees. Does not include inflation rates.

ITEM 8

Customer Service Requests
May 2016

Requests for Inspection for Viability	6
Request for Pruning/Removals (full/branch)	4
Tree Plantings/Inspections	3
Total Service Requests	13