



## PARKS, RECREATION & FORESTRY

1900 AVIATION DRIVE  
WAUKESHA, WISCONSIN 53188-2471  
TELEPHONE 262/524-3737 FAX 262/524-3713

Ron Grall, Director  
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### Street Tree Planting Program Spring, 2023

Our spring street tree planting program will be slightly smaller than last spring and will consist of approximately 353 trees. Of these trees, 306 or 86.7% are replacement trees, which have resulted from the removal of ash trees due to the Emerald Ash Borer, storms and general tree decline due to age and condition. We are continuing to remove ash trees that have been treated, but which are showing signs of decline from the effects of the borer. Our policy is to replace all trees that have been removed, with the exception of sites that are lacking the room for a new tree or where utilities preclude planting. All efforts are made to replace removed trees.

Our spring planting program will include 44 new development plantings. This is a significant decrease from last year. These plantings will primarily take place along Madison Ave. in Aldermanic District 14, Ward 44. The current level of new, single-family home construction has slowed considerably, compared to activity observed in previous years.

Finding available trees from nurseries continues to be a challenge. The average price of trees is increasing, also, delivery fees are becoming more of an issue. Species diversity continues to be a priority as well as quality nursery stock to ensure the continuation of a healthy urban forest facing various urban and environmental challenges.

Thank you for your continued support!

Mike Talaska  
Forestry Supervisor  
Department of Parks, Recreation and Forestry



**City of Waukesha**  
**Spring 2023 Tree Planting Summary**

TYPE	WITH CHARGE	WITHOUT CHARGE	TOTAL
Fill In	2	0	2
Full - Streets	39	0	39
Replacements	0	279	279
Requests	3	0	3
Storm	0	27	27
Memorial/Retirement	2	0	2
Parks	0	1	1
<b>TOTALS (Approx.)</b>	<b>46</b>	<b>307</b>	<b>353</b>

**1.75" – 2" Caliber (B&B)**

**29 Cultivars**

**Cost Assessment \$300.00 per tree (pending approval)**

**12 January 2022**

# Tree Planting Assessment Charge History 2023

Year	Charge	\$ Difference	% Difference
2009	175.00	10	6.0%
2010	185.00	10	5.7%
<b>Break-even</b>	<b>\$186.00</b>	<b>Cost to plant</b>	<b>One tree</b>
2011	190.00	\$ 5	2.7%
2012	195.00	\$5	2.6%
2013	195.00	----	----
2014	195.00	----	----
2015	195.00	----	----
2016	205.00	<b>+ \$10</b>	5.1%
2017	205.00	----	----
2018	220.00	<b>+ \$15</b>	7.3%
<b>Break-even</b>	<b>234.00</b>	<b>Cost to plant</b>	<b>One tree</b>
2019	235.00	<b>+ \$15</b>	6.8%
2020	235.00	----	----
2021	235.00	----	
2022	250.00	\$15 Increase	6.4%
2023	300.00	\$50 Increase	20.0%

## Tree Planting Breakdown

(On aver. 500 to 600 trees per year – Spring + Fall)  
20 trees / day

Average tree cost = \$157.00 / tree  
(Using 2021 spring tree bids)

Direct Labor cost is \$29.24/hour  
(Using 2021 Arborist labor rates)

Locate site, diggers and mark	.25 hr
Load tree and travel to site	.25 hr
Dig the site and prep hole	.50 hr
Plant the tree	1.00 hr
Backfill hole	.50 hr
Mulch and water in	.50 hr
Additional Waterings	1.50 hr
Total	4.5 @ \$30.57/hr. = \$137.57

**Ave. tree cost @ \$165.00 + Direct Labor cost @ \$137.57 = \$302.57**

## 2023 Forestry Division Update Year in Review

<b>Tree Population</b>	<b>23,955 Street Trees 88.2%</b>	<b>3,216 Park Trees 11.8%</b>
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<b>Pruning:</b>	<b>2022</b>	<b>2021</b>
• Train Pruning	2,283	1,697
• Street Pruning	1,907	2,077
• Misc. Pruning	8	4
• Park Tree Pruning	128	278
<b>TOTAL Trees Pruned</b>	<b>4,326 (Up 6.7%)</b>	<b>4,056</b>

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### Removals:

#### Removals due to additional infested ash and declining maples

Total (2022) (Total Trees 663)	Ash (255) (38.5%)	All Others (408) (61.5%)
Total (2021) (Total Trees 867)	Ash (300) (34.6%)	All Others (567) (65.4%)

### Service Requests: Down 19.0% from 2021

(Total Requests: 982) Pruning: 271 (27.6%) Storm: 217 (22.1%)  
Stumps: 34 (3.5%)

### Planting: Down 12.7% from 2021

(Total Planted 565) New Plantings (73) Replacements (492)

### Ash Update:

Total Ash (3,256 Total Ash Trees) Streets 2,975 Parks 281  
Total Injected (Protected) **3,256** (100%) **0** Unprotected (0%)  
Injected in '22 **681** Total, With ALL now on 3 Year Cycle

**\*Current Status of Removal Program** 2,908 Ash Trees Removed To - Date  
??? Additional Ash Trees to Remove to  
Further Reduce Total # of Ash

## Forestry Maintenance History

Year	Service Request	Trees Planted	Trees Removed	Trees Pruned	Comments
1998		1083			
1999		517			
2000		825			
2001		750			
2002		743		6,599	
2003		602	167	4,033	
2004	456	666 600=Street *36 = Park	185	3819 1,543 = REG. 2,276 = Train	*Last year of Park Tree Replacements
2005	483	568	303	3783 1,613 = Reg. 2,170 = Train	
2006	478	488	380	5365 2,891 = Reg. 2,474 = Train	
2007	488	537	306	4,134	Add Chipper W/ Winch
2008	511	380	247	4,270	\$71.85/tree
2009	501	349	325	4,372	Operations Manager \$100.87/tree
	Loss	of	Arborist		
2010	591	337	328	3,911	\$92.96/tree
2011	581	407	317	4,786	\$85.85/tree
	5 yr. average 534		5 yr. average 305		
2012	408	268	324	3,621	
2013	421	348	416	3,050	
2014	635	409	549	3,306	
2015	566	447	574	2,870	2nd Chipper W/ Winch
2016	644	544	758	2,839	
2017	695	617	684	3,154	Add Backhoe W/ Grapple
2018	725	473	957	3,387	
2019	882	593	723	3,382	
2020	891	614	934	3,458	
2021	1214	647	669	4,056	
2022	982	565	663	4,326	
	5 Year Ave. 939	5 Year Ave. 578	5 Year Ave. 789	5 Year Ave. 3,722	

## Recent EAB Treatment History

YEAR	# of Trees Treated	Method Used	Comments
2010	273	Tree -Age G4	
2011	459	Tree-Age G4	
2012	589	Tree-Age G4	
2013	796	Tree-Age G4	
2014	734	Tree-Age G4	234 of Total 2nd Treatment
2015	980	Tree-Age G4	459 of Total 2nd Treatment
2016	948	Tree-Age G4	589 of Total 2nd Treatment
2017	961	Tree-Age G4	E. Roberta Av Now 3 Yr
2018	812	Tree-Age G4	Stardust Dr Now 3 Yr
2019	706	Tree-Age G4 & RI 0 *	W e d g e w o o d, Downing, Penhurst & Brendon Now 3 Yr Cycle
2020	1052	Tree-Age R10	394 Add' l Now 3 Yr Cycle
2021	705	Tree-Age R10	All Trees Now on 3 Yr Cycle
2022	681	Tree-Age R10	

\* RI0 Has Decreased Injection Time By As Much as 2/3 !!



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**PROCLAMATION**

WHEREAS, Arbor Day has been observed both nationally and internationally for many years, and

WHEREAS, The Waukesha Parks, Recreation and Forestry Department has participated in this observance for forty years, and

WHEREAS, The City of Waukesha has been designated Tree City USA by the National Arbor Day Foundation for the 44th year, and

WHEREAS, The City of Waukesha has named the recipient of the Arbor Day Gold Leaf Award by the International Society of Arboriculture five times, and

WHEREAS, Arbor Day serves to create not only an appreciation for trees, but also, an awareness for the proper care and maintenance of trees in an urban environment, and

WHEREAS, The City of Waukesha recognizes that the efforts put forth by professional parks, recreation and forestry personnel have enhanced the urban forest available to City residents.

NOW THEREFORE,

In keeping within the Proclamation, the City of Waukesha proclaims April 1 – April 30th, 2023 Arbor Month, concluding on Arbor Day April 28th, 2023.

**ARBOR MONTH**

In the City of Waukesha, and urge our citizens to observe this month.

Signed this \_\_\_\_\_ day of \_\_\_\_\_ 2023.

\_\_\_\_\_  
Shawn N. Reilly Mayor

