

TREE REPLACEMENT PROGRAM

In 2011, the Illinois Department of Agriculture confirmed the presence of the Emerald Ash Borer (EAB) in Channahon. This invasive beetle is native to Asia and was first discovered in southeastern Michigan near Detroit in the summer of 2002. The larvae of the EAB feed on the inner bark of Ash Trees, disrupting the tree's ability to transport water and nutrients. The EAB has killed hundreds of thousands of Ash Trees since its discovery and there are no means to eradicate the beetle.

In 2012, a Village wide tree survey was performed by Arbor Tek Services. The survey identified 7,709 public street trees in the Village of which 2,195 are Ash Trees. Ash Trees represent 28.5% of all Village Trees; the largest group of one species. These dead or dying trees pose a public safety threat and are being removed.

Based on the need to remove all Ash Trees, as well as removing other dead or dying species of trees from the Village parkways, a Tree Replacement Program has been initiated by the Village Board of Trustees as follows:

1. Each spring, Public Works staff will first tag and then remove trees that are dead or deemed a public health threat. At that time, homeowners will be given information on how to have a new tree planted.
2. For those homeowners that wish to have a new tree planted in the parkway, they must agree to pay half the cost of the new tree and agree to care for the tree in the future. The Village will plant the new tree at no additional cost to the homeowner.
3. The Village will add those homeowners to a priority list after payment has been made for tree(s) that have been selected from the Village's approved list of parkway trees. The choice must also be approved by the Village in order to maintain diversity of tree species on any given block.
4. Orders and payment for replacement trees will be accepted until matching funds from the Village budget in that year have been exhausted. A "waiting list" will then be maintained for the next year's removal and replacement program.
5. In the fall of that year, the Village will purchase the replacement trees from area nurseries. Depending on cost and work load, Public Works will either plant the trees or will contract for the nursery to plant them.
6. For homeowners that do not want to wait until additional matching funds become available or they have a healthy Ash Tree that they want replaced, they can purchase and replace the tree from the approved tree list at their own expense. If homeowners choose this option, they first must get approval from the Village.
7. Tree care instructions will be given to each household that participates.
8. The Village will continue to remove trees that are deemed a public health risk no matter the time of year.



PARKWAY TREE PLANTING GUIDE

Below is the list of acceptable tree species and planting standards for Village parkway trees (public street trees). Trees may only be planted or replaced in the parkway with permission from the Public Works Department. Please see Chapter 158 of the Village Code of Ordinances for the complete Village Landscape Ordinance.

<u>Biological Name</u>	<u>Common Name</u>
<i>Acer x freemanii</i>	<i>Autumn Blaze, Marmo</i>
<i>Acer platanoides</i>	<i>Emerald Queen Maple</i>
<i>Acer rubrum var.</i>	<i>Red Maple</i>
<i>Aesculus glabra</i>	<i>Buckeye</i>
<i>Celtis occidentalis</i>	<i>Hackberry</i>
<i>Ginkgo biloba</i>	<i>Maidenhair Tree (male only)</i>
<i>Gleditsia trianchanthos inermis var.</i>	<i>Thornless Honeylocust</i>
<i>Gymnocladus dioicus</i>	<i>Kentucky Coffeetree</i>
<i>Liquidambar styraciflua</i>	<i>Sweetgum</i>
<i>Liriodendron tulipifera</i>	<i>Tulip Tree</i>
<i>Nyssa sylvatica</i>	<i>Black Gum</i>
<i>Phellodendron</i>	<i>Cork Tree</i>
<i>Plantanus x acerifolia</i>	<i>London Planetree</i>
<i>Quercus alba</i>	<i>White Oak</i>
<i>Quercus bicolor</i>	<i>Swamp White Oak</i>
<i>Quercus imbricaria</i>	<i>Shingle Oak</i>
<i>Quercus rubra</i>	<i>Red or English Oak</i>
<i>Tilia americana</i>	<i>American Linden</i>
<i>Tilia cordata var.</i>	<i>Littleleaf Linden</i>
<i>Tilia euclora</i>	<i>Redmond Linden</i>
<i>Tilia tomentosa</i>	<i>Sterling Silver Linden</i>
<i>Ulmus var</i>	<i>Elm (newer hybrids)</i>
<i>Zelkova serrata</i>	<i>Japanese Zelkova</i>

Planting Standards:

1. Minimum size is 2½" caliper measured 6" up from the base of the tree.
2. Parkway trees shall be spaced at a ratio of 1 tree per 40 lineal feet with a minimum of 1 street tree per lot and 2 per corner lot.
3. All trees shall be mulched with a minimum of 4" depth shredded bark, wood chips or other all organic mulch.
4. The use of stone, rock, or gravel as a ground cover is discouraged.
5. Planting pits shall be 1 ½ times as deep and three times as wide as the root ball. Native soil should be used for backfill whenever possible.
6. Trees should be obtained from sources within a 150-miles radius of the Village to enhance survivability in this region's climate.
7. Trees may not be planted within 4' of curbs and sidewalks, 10' from fire hydrants and stop signs, 20' from overhead power lines, and 15' from light posts.
8. Installation of trees should be done by balled and burlapped or tree spade method. Bare root plantings and containers are not permitted without written permission of the Public Works Department.
9. Ample water should be provided for up to ten 10 days of planting.

Please call the Village Public Works Department at **(815) 467-6644** before you plant or replace any parkway trees.