

First Draft 4/4/07

(E) Control of Emerald Ash Borer.

(1) Any ash tree infested with the Emerald Ash Borer (*Agrilus planipennis*) (EAB) as determined by Village of Lombard, Illinois or United States Department of Agriculture by destructive bark stripping is declared a public nuisance. It shall be unlawful for the person who owns property upon which such a tree is situated to possess or keep the same.

(2) Ash trees or parts thereof that may serve as a breeding or harboring place for the EAB are a public nuisance and it is unlawful for the person owning such property whereon the same is situated to possess or keep.

(3) The Village Manager or his agent to enforce this division may enter upon private property at all reasonable hours for the purpose of inspecting trees thereon, and may cause to be removed such specimens as are required for the purpose of analysis to determine whether or not the same is infested, and to cause to be removed such infested trees upon failure of the owner to do so after due notification.

(4) It is unlawful for any person, firm, or corporation to prevent the Village Manager or his agent entering on private property for purposes of carrying out his duties hereunder or to interfere with such Village Manager in the lawful performance of his duties.

(5) In cases where the property owner fails to remove the ash tree or ash wood as required by this chapter, the Village Manager or his agents may go upon such property to cut down, remove, such nuisance, and the owner shall be assessed the cost of removal. In cases where the owner is a nonresident of Lombard, notice shall be served by certified mail, addressed to said owner at his last known address.

(6) Whenever such charges shall remain unpaid for a period of 30 days from the date of the bill herein provided for, the Village Attorney is authorized to:

(a) Institute suit in the name of the village to enforce collection of such charge; or

(b) To file a sworn statement showing such obligation in the office of the Recorder of Deeds of the county; and the filing of such statement shall be deemed notice of the lien for payment of such charges.

(E) The Village Manager shall have the authority and it shall be his duty to supervise all work done under a permit issued in accordance with the terms of this chapter.

(F) The Village Manager shall have the authority to affix reasonable conditions to the grant of a permit hereunder.

(G) Removal of ash trees between April 15 and September 15 shall be prohibited unless the ash wood is processed onsite to less than 1 inch in size, or the ash material stockpiled until after September 15.

(H) Ash tree removal may only be performed by a contractor that has signed a Compliance Agreement with the Illinois Department of Agriculture.

(I) Any ash tree or parts thereof that are positively identified as infested with EAB shall be removed and processed to less than 1 inch in size, within 30 days.

(J) In order to assure the proper identification, removal and processing of ash trees and ash materials, a permit shall be required for the removal of any ash tree on private property, regardless of size. (See Section 99.03)

§ 99.03 PERMITS REQUIRED.

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PUBLIC TREES:

(A) No person shall trim, spray, preserve, or remove trees or other plants in public places without first filing an application and procuring a permit from the Village Manager **Public Works Department**.

(1) The application required herein shall state the name and kind of trees to be trimmed, sprayed, preserved, or removed; the kind of treatment to be administered; the kind and condition of nearest trees upon the adjoining property; and such other information as the Village Manager shall find reasonably necessary to fair determination of whether a permit should be issued hereunder.

(2) The Village Manager shall issue the permit provided for herein when he finds that the desired action or treatment is necessary and that the proposed method and workmanship are satisfactory.

(B) No permit shall be required to cultivate, fertilize, or water public trees or shrubs.

(C) As a condition to any permit to remove any public tree or shrub, the Village Manager may require that the permittee plant one or more trees or shrubs to replace the one removed. Whenever any such tree or shrub has been removed or destroyed pursuant to any such conditional permit, it shall be a misdemeanor for the permittee to fail, refuse, or neglect to plant another tree or shrub or other trees or shrubs of the type, size, and at the location specified in the permit, within the time specified by the Village Manager from the date of issuance of the permit.

~~(D) All cuts shall be made with a saw or pruner and final cuts must be made at the nodes or crotches. No stubs shall be left. All cuts over one inch in diameter shall be waterproofed.~~

(D) No person shall plant or set out any tree or plant in a public place without first filing an application and procuring a permit from the Village Manager.

(1) The application required herein shall state the number of trees or plants to be planted or set out; the location, grade, and variety of each tree or plant; the method of planting, including the supplying of suitable soil; and such other information as the Village Manager shall find reasonably necessary to a fair determination of whether a permit should be issued hereunder.

(2) The Village Manager shall issue the permit provided for herein when he finds that the proposed plantings conform to **an acceptable** species ~~as listed in the authorized tree list or such other species as approved by the Village Manager and not listed in Section~~ **§ 99.06**

PROHIBITED TREES :

(E) Whenever a permit is issued under this section to a public utility to move, trim, prune, cut, remove, disturb, alter, or do surgery in any public tree or shrub, the Village Manager shall limit the work to be done to the actual necessities of the utility and may assign an inspector to supervise the work done under the provisions of the permit.

('70 Code, § 6.16.030) (Ord. 1150, passed 1-17-66)

PRIVATE TREES:

(A) It shall be unlawful to remove or cut down any ash tree, regardless of size, on private property without first filing an application and procuring a permit from the Public Works Department.

(B) It shall be unlawful to trim any ash tree over 6" in diameter without first filing an application and procuring a permit from the Public Works Department.

(C) The permitting process shall be as follows:

(1) Apply for removal/trim permit at Public Works Department.

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- (2) Site visit by Public Works staff to verify species to be trimmed or removed.
 - (3) If tree species is not ash (*Fraxinus*):
 - i. Permit is approved and work can proceed.
 - (4) If tree species is ash (*Fraxinus*), before permit is approved:
 - i. Proof that work is to be done by a contractor that has signed a Compliance Agreement with the Illinois Department of Agriculture.
 - ii. Proof that the contractor will sample at least 10 branches/logs for EAB through destructive bark stripping and will contact the Public Works Department if EAB is found.
 - (5) Upon permit approval, contractor must:
 - i. Not transport ash logs or ash material from site from April 15 to September 15.
 - ii. Sample at least 10 branches/logs for EAB through destructive bark stripping and will contact the Public Works Department if EAB is found.
 - iii. Process all ash material left onsite to less than 1 inch in size.
 - iv. De-bark all ash logs left on-site.
 - v. Grind all ash stumps below grade.
 - (6) Upon completion of the work, contact Public Works Department for site inspection to verify compliance with regulations set forth within this code.
- (D) Removal and trimming permits shall remain in effect for 6 months and are only valid for the tree(s) specified at the time of approval.

PRESS RELEASE

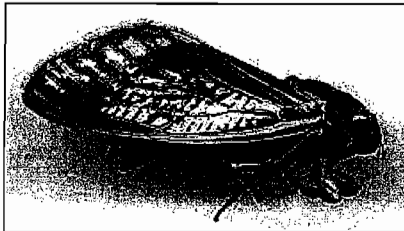
With the recent discovery of the Emerald Ash Borer (EAB) in DuPage County, the Lombard Forestry Division is preparing for the possible invasion of this extremely destructive tree pest. While it has not been found yet in Lombard, the Forestry Division has kept a vigilant watch on the green and white ash trees within the Village. With over 3,000 ash trees in parkways throughout the Village, the potential for wide-spread destruction is great. In an effort to combat this insect, the Forestry Division is asking Lombard residents to aid in their surveillance of ash trees. Although Lombard forestry personnel can only perform work on publicly-owned trees, they can visually inspect and diagnose some of the more common insect & disease tree problems on private property. Early detection is the key to controlling most plant problems. Contact Lombard Public Works at 620-5740 for tree assessments.

HOW YOU CAN HELP:

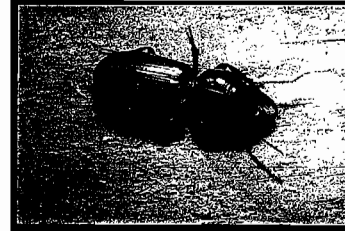
- **DON'T PANIC:** Although EAB has the potential to be catastrophic, the battle against this insect must be approached in a rational, professional manner. The insect poses no public health risk. Please be patient; due to the large number of trees and resident requests, it may be a day or two before forestry staff respond to your call.
- **CORRECTLY IDENTIFY THE TREE:** EAB will only attack trees in the ash family. If you are unsure, forestry personnel can identify the tree species.
- **CORRECTLY IDENTIFY THE INSECT:** This insect is extremely small – the adult beetle is only ½" long, ⅛" wide and is present from May into early July. It shouldn't be confused with other beetles:



Emerald Ash Borer



Cicada



Ground Beetle

- **KNOW THE SYMPTOMS:** Because of its minute size, the presence of EAB in a tree is extremely difficult to detect and a **simple visual inspection of tree is not enough to determine the presence or absence of the borer.** It is the larval stage that actually does the damage and the symptoms are similar to those of other damaging agents such as drought, normal ash decline and disease. In addition, there are native borers that also commonly attack ash trees. The EAB larva creates very small, ⅛" D-shaped holes that are very difficult to see and removal of the bark is required to confirm presence of the larva. Look for these symptoms:



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LOMBARD

Village requires permit to remove trees on private land

By Sarah A. Meisch
smeisch@mysuburbanlife.com

To detect and monitor the spread of the emerald ash borer, Lombard residents and business owners must now get a permit to remove a tree on private property.

"There's no fee involved with this," Village President William Mueller said. "It's strictly for preventive measures."

While the emerald ash borer hasn't been found yet in Lombard, it has been found as close as Glendale Heights, and the Lombard Forestry Division is preparing for the probable invasion of this extremely destructive tree pest.

"We have a lot of ash trees, more than 3,000," Mueller said.

That only includes trees on public parkways — the number of green and white ash trees on private property is unknown.

The new permit process requires people to apply for a permit from the Public Works Department and arrange a site visit by public works staff to verify the tree species to be removed.

"A lot of homeowners say, 'I've got a tree in my yard' and that's all they know," said Keith Surgess, assistant director of public works.

If the tree to be removed isn't an ash tree, a permit will be approved and work can proceed. But if it is an ash tree, proof must be submitted that the contractor removing the tree has a signed a compliance agreement with the Illinois Department

For more information

Call the Public Works Department at (630) 620-5740 or visit www.villageoflombard.org

of Agriculture and that the contractor will sample at least 10 branches or logs for the emerald ash borer through destructive bark stripping and will contact the Public Works Department if the pest is found.

Upon permit approval, the contractor must not transport ash logs or ash material from the site between April 15 and Sept. 15 unless the ash wood is processed on-site to less than 1 inch in size and is transported within regulated areas in an enclosed vehicle or vehicle enclosed by a covering such as canvas or plastic.

Upon completion of the work, the Public Works Department must be contacted for site inspection to verify compliance.

"We aren't trying to alarm people," Mueller said.

The emerald ash borer is believed to have spread mainly by people taking contaminated firewood from infested regions to regions without the pest.

"It spreads so easily," Surgess said.

With its new ordinance, Lombard is trying to do its part to stop the spread of the pest.

"We don't want to create a problem elsewhere," he said. "Lombard is in a quarantine area."

3/29/2007

Village of Lombard's Response to the Threat of Emerald Ash Borer

Following Illinois Department of Natural Resources Readiness Guidelines and Recommendations

- ☐ **Develop a Community Readiness Plan** – This will be an on-going process beginning with this meeting to address actions to be taken in the event of an infestation.
- ☒ **Submit Compliance Agreement to Illinois Department of Agriculture** – Completed and listed on IDA website.
- ☐ **Monitor the Movement of Ash Firewood within the Municipality** – Suggest establishing a permit policy for firewood vendors. Current State & Federal quarantine restrict the movement of firewood within state quarantines and across state lines.
- ☒ **Establish a Municipal Forestry Program** – Comprehensive Forestry program already in place.
- ☒ **Conduct a Tree Inventory** – The Village has had a 100% computerized Street Tree Inventory since 1996 that records the location (address), size, species, condition and work history of all the street trees within the Village. We know exactly how many ash trees are on Village property. In addition, the entire inventory has been mapped and is on the Village's Geographical Information System.
- ☒ **Develop a Municipal Forestry Management Plan** – Although not completed, a draft comprehensive street tree management plan exists that addresses all forestry-related issues.
- ☒ **Conduct EAB-Ash Inspections** – Both in-house and contracted tree crews have been instructed to inspect all ash trees when performing removals or trimming. In-house personnel have inspected ash trees on both public and private property in response to resident service requests. A village-wide, mortality (windshield) survey of all street trees is conducted every June.
- ☒ **Conduct De-barking Surveys of Ash Trees** – Forestry staff has attended the bark-stripping training session and a draw-blade has been purchased. In-house tree crew has been instructed to bark-strip survey branches of every ash tree that is trimmed or removed.
- ☒ **Develop an Ash Tree Population Reduction Plan** – The Forestry Division stopped planting all ash species on parkways in 1997 in response to past over-planting. Parkway ash trees are removed only when they die or are structurally unsound.
- ☒ **Identify IDA Certified Wood Processing Sites** – The Village is extremely fortunate to have a certified marshall yard within its corporate limits – B. Haney & Sons located at the northern boundary of the Village.
- ☐ **Identify Potential Markets for Ash Wood** – Although very limited, there are a few local companies that can process ash wood into useable products. There is also a committee of municipal foresters that are investigating additional ash wood markets.
- ☒ **Establish Communication Strategies** – The Village issued an EAB press release in August, 2006 to inform residents what to look for; this information was also put on the Village website. In addition, EAB brochures were made available at both the Village Hall and Public Works building.

OTHER INFORMATION/ISSUES:

- **Illinois Department of Agriculture Website** - <http://www.agr.state.il.us/eab/?pg=0>
- **Approximate Dimensions of the Village** – 5.18 miles long x 2.86 miles wide
- **Flight Season of EAB** – May to September
- **Ash material cannot be moved out of a Quarantined Area** – Once an infestation occurs, logs and brush must be left on-site if closest marshalling is outside the quarantined area. Logs must be stripped of all bark and other material chipped to less than 1" in diameter.
- **Difficulty of Detection** – Because of the extremely small size of both the larva and beetle, visual inspection of the tree is of limited use. In addition, the symptoms mimic that of other decline agents and may not show until 3-5 years after infestation.
- **Control Measures** – There are injectible insecticides but are expensive and used as a preventative measure only. Some natural predators of EAB exist but are not native to this area. There is ongoing research for both of these control measures.

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LOMBARD ASH TREES AND THE EMERALD ASH BORER

PUBLIC TREES

CURRENT TOTAL PARKWAY TREE POPULATION – 18,179

CURRENT PARKWAY ASH POPULATION – 3,012 (16.57% of total parkway tree population)

- **EUROPEAN ASH – 3 (.02% of total parkway tree population)**
- **GREEN ASH – 2,421 (13.32% of total parkway tree population)**
- **WHITE ASH – 588 (3.23% of total parkway tree population)**

DIAMETER BREAKDOWN OF PARKWAY ASH:

- **2-5" – 892**
- **6-20" – 1,920**
- **21-35" – 276**
- **OVER 35" – 13**

CURRENT VALUE OF ALL PARKWAY TREES - \$33,222,799.00

CURRENT VALUE OF ALL PARKWAY ASH - \$6,381,007.00 (19.20% of total value)

*****Green ash is the most abundant parkway species in Lombard*****

Several blocks/streets are planted almost entirely of green or white ash:

- 600 block of N. Charlotte
- Lemoyne just east of Main
- Garfield north of Progress
- Main St between St. Charles and Grove
- Grace between St. Charles and Maple
- Martha Court
- 500 block Brewster
- Cedar Lane
- W. 17th St and W. 17th Pl
- W. 18th and W. 19th
- North Rosebud and South Rosebud
- 500 and 1000 block of Oak Creek
- Witt Court
- Queensbury Court
- Valley
- Main St between Roosevelt and 16th
- 2200 block of S. Elizabeth
- 2200 block of Edson

If EAB is found in Lombard and all Ash had to be removed:

***CURRENT COST TO REMOVE ALL PARKWAY ASH TREES OVER 10" DBH - \$470,225.00**

*Cost is based on current prices charged by our tree removal contractor and includes stump removal. The above cost does not include restoration of the parkway. All trees under 10" would be removed by Public Works staff and there would be additional cost to remove the stumps and to restore the parkways. All plant material removed by in-house staff must be chipped – no logs left for firewood.

***ESTIMATED COST TO REPLACE ALL PARKWAY ASH TREES - \$722,880.00**

*Cost is based on current average Street Tree Consortium cost of \$240.00/tree for the Spring 2007 planting season.

PRIVATE TREES

An infestation of EAB will also impact the trees on private property since all ash trees within a given radius will require removal. Although it is impossible to accurately determine the exact number of privately-

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owned ash trees within the village limits, a quick windshield survey of random streets throughout village (including those listed above), it is estimated that there are far fewer ash trees on private property than there are on public – possibly 30-50% less than the parkway tree population. However, the Lombard Park District has a substantial ash population and the loss of these trees would have a devastating impact on the visual appeal of the parks. Because of the inaccessibility of many of the trees on private property, the cost of removal will be considerably higher.

The ordinance pertaining to diseased or infested trees may need to be amended to include EAB control and the storage of ash wood, but the current language should be sufficient at present:

§ 99.02 AUTHORITY OF VILLAGE MANAGER.

(C) The Village Manager shall have the authority and it shall be his duty to order the trimming, preservation, or removal of trees or plants upon private property when he shall find such action necessary to public safety or to prevent the spread of disease or insects to public trees and places.

OTHER FACTORS TO CONSIDER

The information presented above is basically just numbers – tree counts and projected costs. Additional factors, some less tangible than others, will need to be addressed should an infestation occur that will have a significant effect on Lombard's Forestry staff and its' Parkway Tree Management Program.

- **Initial Panic by the Public** – The more EAB is hyped in the media, the greater the volume of phone calls the Forestry division will receive. It is essential that the public is aware of this problem and that their assistance is needed to control the insect, but it must be approached in a rational, professional manner.
- **Visual Impact** – The loss of all or the majority of parkway trees on a given block will change the entire streetscape of that neighborhood. Even after replanting, a street that once had an established canopy arching over the road will now be a line of small, newly planted trees.
- **Emotional Effect** – Many people have emotional ties to trees, especially large trees or ones that may have planted to commemorate a special event. If a resident is told that their tree needs to be removed, especially one that is not yet infested, Forestry staff will spend considerable time explaining the process.
- **Timeliness of Removals** – Even though the Village has a reputable commercial tree company on contract for removals, in the event of an infestation, given the enormous volume of trees, the removals may not happen in a timely manner and the infestation may spread to a greater radius.
- **Limited Qualified In-house Forestry Staff** – The Forestry Division is currently under-staffed and backlogged with trimming requests. Because of the small size of the EAB and the large parkway ash tree population, surveillance is very time consuming and labor-intensive. Should an infestation occur, there is insufficient staff to conduct the surveillance and subsequent removals.
- **Limited Space at Public Works for Woodchips** – The large-scale removal of ash trees by in-house staff will generate an enormous amount of woodchips and there very limited space in the Public Works yard now. Having the chips hauled away will be an additional expense.
- **Limited Forestry Budget** – Should an infestation occur, where will the additional funding come from for removals and replacement?

Dieback in the top of the Crown

Shoots arising below dead portions of the Trunk

Bark Splits

- **DON'T MOVE FIREWOOD:** If you have brought in firewood from Michigan, Maryland, Ohio or Indiana in the past 2 years, please contact the Forestry Division immediately so the ash trees in the area can be inspected. **The inter-state transportation of ash firewood is the most likely means of introducing the pest in an area. Please be advised that all of northern Illinois is in the quarantined area! This means that the transportation of any non-coniferous firewood into or out of DuPage County is prohibited.**
- **STAY INFORMED:** There are EAB brochures at the Village Hall and Public Works building. Check the Village of Lombard website at <http://villageoflombard.org/> for periodic updates of forestry activities in Lombard. Consult the Emerald Ash Borer website for additional information at <http://www.emeraldashborer.info/> and <http://www.agr.state.il.us/eab/>.



**VILLAGE OF LOMBARD
TREE REMOVAL/TRIMMING PERMIT**

Forestry Division, Department of Public Works, 255 E. Wilson, Lombard, IL 60148
(630) 620-5740 – Public Works (630) 620-5985 – Forestry (630) 620-5982 – Fax

Permit No. _____

Permission is requested by the Contractor and by the Property Owner to perform work as described below.

This Section to be completed by Property Owner:

DATE: _____

ADDRESS: _____

House Number

Street

PROPERTY OWNER: _____

Name

Phone

WORK TO BE PERFORMED: ☐ **TREE TRIMMING**

☐ **TREE REMOVAL**

WORK TO BE PERFORMED: ☐ **BY PROPERTY OWNER**

☐ **BY CONTRACTOR***

***CONTRACTOR:** _____

Name

Phone

NUMBER OF TREES TO BE: **TRIMMED:** _____ **REMOVED:** _____

LOCATION OF TREE(S): _____

HOW WILL WOOD WASTE BE DISPOSED: ☐ **LEFT ONSITE** ☐ **HAULED AWAY**

IT IS UNDERSTOOD THAT THE EXPENSE AND RISK OF TREE WORK IS THE RESPONSIBILITY OF THE PROPERTY OWNER ☐ **YES** ☐ **NO**

SIGNATURE OF APPLICANT: _____

* Only Contractors that have signed a Compliance Agreement with the Illinois Dept. of Agriculture may trim/remove ash trees or remove ash log/brush from the Village of Lombard. Permits will not be issued to contractors that do not have a signed Compliance Agreement on file with the Illinois Dept. of Agriculture.

This Section to be completed by Village of Lombard Personnel:

INITIAL INSPECTION DATE: _____

TREE SPECIES: _____

DIAMETER OF TREE(S): _____

PERMIT APPROVED ☐ **YES** ☐ **NO** **REASON:** _____

VILLAGE FORESTER SIGNATURE: _____

FINAL INSPECTION REQUIRED PRIOR TO REMOVING ANY MATERIAL FROM THE PROPERTY* ☐ **YES** ☐ **NO**

* A Final Inspection is required after completion of the work if the species to be trimmed or removed is ash.

FINAL INSPECTION DATE: _____

VILLAGE FORESTER SIGNATURE: _____

This permit is valid for 6 months from date of issuance and valid only for the tree(s) specified on this form.