

# The Shade Tree Department LLC

October 27, 2014

Elna Mukaida, Acting President  
Hamilton Park Neighborhood Association  
PMB #166, 344 Grove Street  
Jersey City, NJ 07302

Dear Ms. Mukaida,

Enclosed is the tree maintenance survey I conducted on October 13, 2014 of Hamilton Park. Also enclosed is a photo copy of my marked up site plan.

Here are some interesting facts:

- 21 Species of trees were observed
- 129 total trees were found
- 12 trees were previously removed
- 12 trees are presently recommended for removal
- 32 trees we recommend for priority maintenance
- 8 proposed planting locations were found.

Suggested species to plant to provide additional varieties are as follows:

## Large Shade Trees

- Hackberry
- White Oak
- Swamp White Oak – wet areas
- Dawn Redwood – wet areas
- Bald Cypress – wet areas

## Medium Sized Trees

- American Yellowwood
- Parrotia
- Pyramidal European Hornbeam
- Katsura

## Compact Growing Species

- Kousa Dogwood
- Merrill Magnolia
- Ruby Red Horsechestnut
- Rutgers Hybrid Dogwood – planting beds
- Witch Hazel – planting beds

- Red Bud – planting beds

As you read through the report, you may have some vocabulary questions. The following definitions may prove to be helpful:

**DEFINITIONS:**

*Basal cavity* – decay at the base of a tree caused by an injury to the tree trunk. Trees with basal cavities that exceed more than 30% of the cross section area should be removed.

*Class II Pruning* – the removal of dead, diseased, structurally compromised, over-extended, excessive suckers (water sprouts), and interfering branches.

*EAB – Emerald Ash Borer*; an insect pest introduced from China on packaging material that has no natural control. Unprotected ash trees are readily killed. EAB has devastated trees throughout the mid-west and most recently found in Summerset County, NJ.

*Elevate branch level* – the removal of low branches which interfere with pedestrian traffic, other trees, or infrastructure.

*Girdling Roots* – basal roots that encircle the trunk which eventually cut off vascular tissue and strangle the tree.

*Safety Prune* – removal of dead, diseased, or structurally compromised branches

*Verticillium Wilt* – a vascular disease common to maple trees which gradually kills them.

*Over-extended branches* – branches that have grown so long that they could break or fail under storm conditions. Over-extended branches are typically cut back no more than 25% to reshape the tree.

Please do not hesitate to contact me should you have any additional questions about the survey.

Sincerely,

*John D. Linson*

John D. Linson  
NJ Certified Tree Expert #198

**The Shade Tree Department LLC**

**PO Box 6089**

**West Orange, NJ 07052**

[theshadetreedepartmentllc@live.com](mailto:theshadetreedepartmentllc@live.com)

(973) 766-2143