



Tree Planting and Maintenance

FAST FACTS:



- Hoboken currently has **over 3,000** street trees and seeks to have **4,000** healthy street trees by 2020.
- The Hoboken Shade Tree Commission (HSTC) helps develop, promote, sustain and regulate an effective and safe shade tree program that benefits Hoboken's trees and consequently benefits the environmental, economic and social well-being of City residents. The Shade Tree Commission has developed an inventory of all trees in the City of Hoboken, available on their website, <http://hobokennj.gov/boards/stc/>.
- Trees provide a variety of benefits to our community's finances, environment, and public health:
 - **Lessen flooding.** Trees slow down stormwater runoff. Trees can intercept between 7-22% of stormwater runoff from impermeable surfaces.
 - **Improve water quality.** Trees reduce erosion, replenish groundwater supplies, and prevent harmful land pollutants such as oil, pet waste, fertilizers, and pesticides from flowing into the Hudson River.
 - **Improve air quality.** Trees help to clean the air by "catching" airborne pollutants, drawing excess greenhouse gas emissions from the atmosphere. Trees reduce street level air particulates by 60%.
 - **Lower energy bills.** The net cooling effect of a young, healthy tree is equivalent to ten room-size air conditioners operating 20 hours a day.
 - **Increase property values.** Appraised property values of homes that are adjacent to parks and open spaces are typically 8-20% higher than those of comparable properties elsewhere.
 - **Improve public safety.** Trees in urban areas are correlated with lower crime rates and violence.
 - **Improve public health.** Trees have been linked to lower rates of heat-related illness, asthma and other respiratory diseases, as well as improved mental health, relaxation, and well-being.

WHAT YOU CAN DO:



KEEP HOBOKEN CLEAN! We can work together to meet the goal of **4,000** healthy street trees by 2020.

1. **Request a shade tree.** Request a street tree at a specific location through the Hoboken Shade Tree Commission tree planting program, <http://hobokennj.gov/boards/stc/treerequest/>.
2. **Plant a shade tree.** Obtain a tree permit form and follow the instructions in order to plant a street tree near your residence or business, <http://www.hobokennj.gov/docs/board/stc/tree-permit.pdf>.
3. **Keep tree pits clean.** Keep tree pits free from debris and garbage.
4. **Do not chain bikes to trees.** Bikes and their riders cause significant compaction around trees and bike chains can damage the tree trunk.
5. **De-ice sidewalk with salt alternative.** Rock salt (sodium chloride) can kill tree roots and corrode sidewalks. Suggested alternatives include calcium chloride and magnesium chloride.
6. **Curb your pet.** Dogs should be curbed to the street and pet waste disposed of properly. Keep dogs away from trees – compaction and waste from walking your dog in tree pits can kill trees. See 'Pet Waste' Fact Sheet.
7. **Tree maintenance is the responsibility of the adjacent property owner.** Water and maintain your shade trees. Is a shade tree near you in need of pruning, dangerous, or dying? Please contact Dave Calamoneri regarding tree maintenance, dcalamoneri@hobokennj.gov.

LEARN MORE:

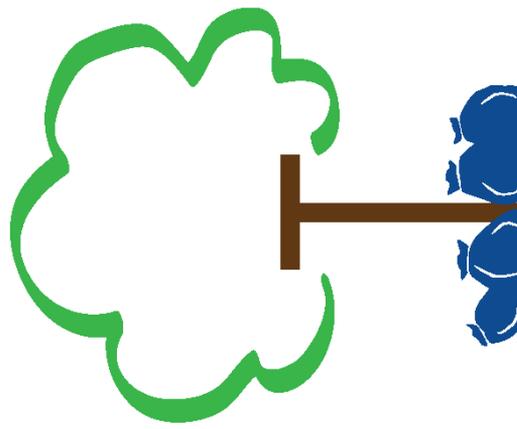
Hoboken Shade Tree Commission <http://hobokennj.gov/boards/stc/>

Hoboken Approved Types of Street Trees http://www.hobokennj.gov/docs/board/stc/Street_Trees_for_Hoboken.pdf

NJDEP Division of Forestry <http://www.state.nj.us/dep/parksandforests/forest/community/index.html>

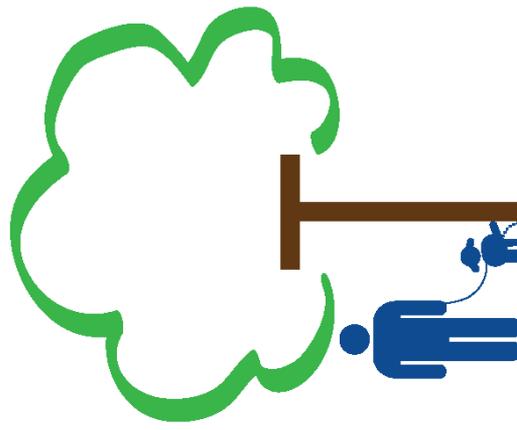
US Department of Agriculture How to Prune Trees http://na.fs.fed.us/spfo/pubs/howtos/ht_prune/htprune-rev-2012-screen.pdf

Please Help Us Protect Hoboken's Trees



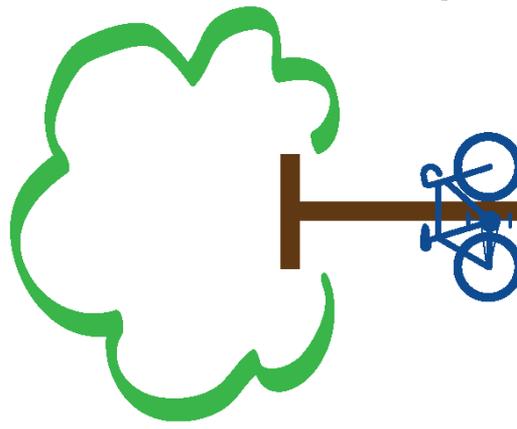
Keep Tree Pits Clean

Keep tree pits free from debris and garbage. Garbage bags can compact the soil around trees, which blocks oxygen and water from getting to the roots. Leaked chemicals from disposed cleaning supplies, bleaches, oils, etc. can kill trees.



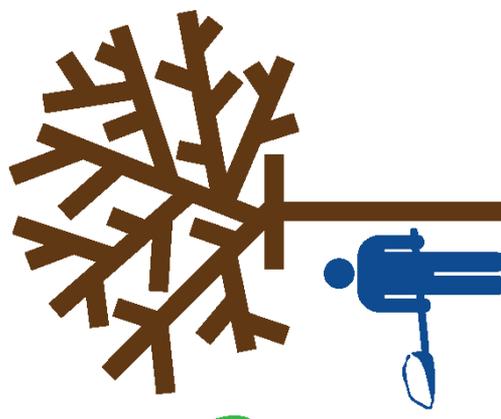
Keep Dogs Away From Trees

Compaction and waste from walking your dog in tree pits can kill trees. To prevent these issues, consider installing pit guards, plantings and/or mulch. Pet owners tend to respect well cared for tree pits.



Do Not Chain Bikes to Trees

Bikes and their riders cause significant compaction around trees and bike chains can damage the tree trunk. If bike parking is desired, consider installing a bike rack tree guard, which limits compaction and protects the tree trunk.



De-Ice Sidewalk With Salt Alternative

Rock salt (sodium chloride) can kill tree roots and corrode sidewalks. Suggested alternatives include calcium chloride and magnesium chloride. Avoid shoveling snow into tree pits and remove snow build-up from snow-plows.

For more information about how to protect Hoboken's trees and to volunteer with The Hoboken Shade Tree Commission go to: <http://www.hobokennj.gov/boards/stc>

Brought to you by:
The Hoboken
Shade Tree
Commission

