

6.6.3. Street Landscaping Standards and Specifications. All streets shall comply with the following standards, specifications and criteria:

A. SODDING/SEEDING. All unpaved areas in any new subdivision or development within a street right-of-way and all swales forming the drainage system for a parcel shall be sodded or seeded. Upon the recommendation of the City Engineer, the City Council may require additional sodding or seeding of a lot to prevent soil erosion and blockage of drainage systems. Any twelve (12) month guarantee provided under Part 4 hereof shall cover all sodded or seeded areas required hereunder.

B. STREET TREES.

1. GENERAL CRITERIA.

- a. All trees shall be grown in a nursery located in the northern half of the State of Illinois and licensed by the State of Illinois.
- b. Trees selected for planting in the City of Sycamore shall be healthy, free of insects and diseases, bark bruises, and scrapes on the trunk or limbs before or after planting. Selected trees shall have a straight trunk with limbs not lower than six (6) feet above ground.
- c. Tree holes may be machine dug, provided all sides of holes dug in such manner shall be scored to prevent glazing. If any existing lawn is damaged during the planting operations, it shall be the responsibility of the subdivider/developer to restore said lawn to its original condition. All trees shall be hand-planted and planted straight.
- d. The planting season shall be approximately October 1 to December 1, and March 15 to May 15.
- e. Trees shall have a trunk diameter of not less than two (2) inches. The root system of all trees shall be balled and burlapped with a minimum ball diameter of twenty-eight (28) inches for two (2) inch caliper trees.

2. LOCATION REQUIREMENTS. Trees shall be planted in the parkway along all streets as follows:

- a. No closer than ten (10) feet from driveways and alleys and forty (40) feet from intersections, as measured from the right-of-way lines extended. In addition, no trees shall be planted within ten (10) feet of a fire hydrant or other above ground utility structure or pole.
- b. Residential streets, trees shall be planted in the parkway. When conditions are such that the required spacing cannot be satisfied in the parkway or, if in the opinion of the City Engineer the parkway is not wide enough to support tree growth, required street trees shall be planted inside the sidewalk line.
- c. Prior to planting, the subdivider/developer shall submit to the City Engineer, or his designated representative, a list of the number and type of trees that are to be planted and a statement that the trees will comply with the requirements of Section 6.6.3(B).
- d. The subdivider/developer shall provide the City Engineer with a minimum twenty-four (24) hour notice prior to beginning tree

planting.

- e. All trees planted by the subdivider/developer shall be guaranteed for one (1) year from the date of acceptance and shall be replaced by the subdivider/developer at no charge to the City should they die or be in declining condition in the opinion of the City Engineer. The replacement trees shall be of the same species, size and quantity, and shall not be released from the same one (1) year guarantee. The subdivision/development shall not be released from the one (1) year warranty period until the one (1) year guarantee period is expired for either original or replacement trees.

3. PLANTING REQUIREMENTS.

- a. Trees shall be planted on the centerlines of the parkways.
- b. The perimeter of the planting hole shall extend a minimum of two (2) feet beyond the sides of the root ball on all sides. The sides of the hole shall slope gradually, making the hole saucer-shaped or bowl-shaped. The hole shall be no deeper than necessary to cover the root ball.
- c. Top soil shall be placed around the root ball in six (6) inch layers and tamped down until the pit is filled. Tops of root balls shall be planted no deeper than nursery level. A doughnut-like circle of soil shall be cultivated with (8) to twelve (12) inches deep and eighteen (18) inches wide around the root ball. A four (4) inch layer of organic mulch shall be spread over the planting hole coming no closer to the trunk than six (6) inches. The trees shall be initially watered to remove air pockets from the soil and later as necessary to maintain a healthy, vigorous condition.
- d. Each tree shall be properly pruned back to compensate for any root loss. Such pruning may include roots and lateral branches (up to one-third their length) but in no case may the leader be cut. Any tree that has the main leader cut in any way shall be removed and replaced.
- e. Any excess soil, clay, or construction debris shall be removed from the planting area prior to planting the tree.
- f. All tags, wires, plastic ties, and rope shall be removed from each tree to prevent girdling the tree. The burlap shall be removed from the upper third of the root ball. If a "plastic" burlap is used, it shall be removed in its entirety from the root ball.
- g. All trees shall have their trunk protected with tree wrap paper from the base of the trunk up to the first branch. In addition, all trees shall be planted straight and maintained in an upright position. Trees greater than three (3) inches in caliper shall be staked for a minimum of one growing season to provide for the tree's support and prevent the tree from leaning. Trees with a caliper of three (3) inches or less do not have to be staked unless environmental factors, such as exposure to high winds, predispose the trees to leaning. The City Engineer shall determine whether or not staking is required in these cases.

4. PERMITTED TREE SPECIES.

- a. Only the following species of trees shall be planted in City parkways where the clear space between the curb and sidewalk is ten (10) feet or greater in width:

| <u>Common Name</u> | <u>Botanical Name</u> |
|-------------------------------------|---------------------------------------------------------|
| Black Maple | <i>Acer nigrum</i> |
| “Emerald Lustre” Norway Maple | <i>Acer platanoides</i> “Emerald Lustre” |
| “Emerald Queen” Norway Maple | <i>Acer platanoides</i> “Emerald Queen” |
| “Schwedleri” Norway Maple | <i>Acer platanoides</i> “Schwedleri” |
| “Legacy” Sugar Maple | <i>Acer saccharum</i> |
| European Black Alder | <i>Alnus glutinosa</i> |
| Hackberry | <i>Celtis occidentalis</i> |
| “Autumn Gold” Ginkgo | <i>Ginkgo Biloba</i> “Autumn Gold” |
| “Lakeview” Ginkgo | <i>Ginkgo Biloba</i> “Lakeview” |
| “Santa Cruz” Ginkgo | <i>Ginkgo Biloba</i> “Santa Cruz” |
| “Moraine” Thornless Honeylocust | <i>Gleditsia triacanthos var. interis</i> “Moraine” |
| “Shademaster” Thornless Honeylocust | <i>Gleditsia triacanthos var. interis</i> “Shademaster” |
| Sycamore | <i>Platanus Occidentalis</i> |
| Swamp White Oak | <i>Quercus bicolor</i> |
| Red Oak | <i>Quercus rubra</i> |
| “Redmond” Linden | <i>Tilia Americana Redmond</i> ” |
| Little Leaf Linden | <i>Tilia cordata</i> |
| Lacebark Elm | <i>Ulmus parvifolia</i> |
| Chanticleer Callery Pear | <i>Pyrus Calleryana</i> |

- b. Only the following species of trees shall be planted in City parkways with overhead utilities:

| <u>Common Name</u> | <u>Botanical Name</u> |
|------------------------------------------------------|-----------------------------------------|
| Amur Maple (tree form) | <i>Acer ginnala</i> (tree form) |
| Peking tree lilac (tree form) | <i>Syringa pekinensis</i> (tree form) |
| Corneliacherry Dogwood (tree form) | <i>Cornus mas</i> (tree form) |
| Blackhaw viburnum | <i>Viburnum prunifolium</i> (tree form) |
| Crabapples, only those Malus cultivars listed below: | |
| “Adams” | |
| “Bob White” | |
| “Candied Apple” | |
| “David” | |
| floribunda: | |
| “lisset” | |
| “Ormiston Roy” | |
| “Professor Sprenger” | |
| “Robinson” | |
| “Sugartyme” or “Milton Baron” | |

- c. Tree species not listed in this Section may be permitted on a case-by-case basis upon written approval by the City Engineer.

- d. None of the following species of trees shall be planted: Ash, Poplar, Silver Maple, Box Elder, Chinese Elm, Black Locust, Russian Olive, Willow, Catalpa, Mulberry, Pin Oak, or any fruit trees, except those crabapple species specifically identified in this Section 6.6.3(B)3.