

Section 6.7 Parks Department

The following describes the requirements for median and right-of-way landscaping requirements.

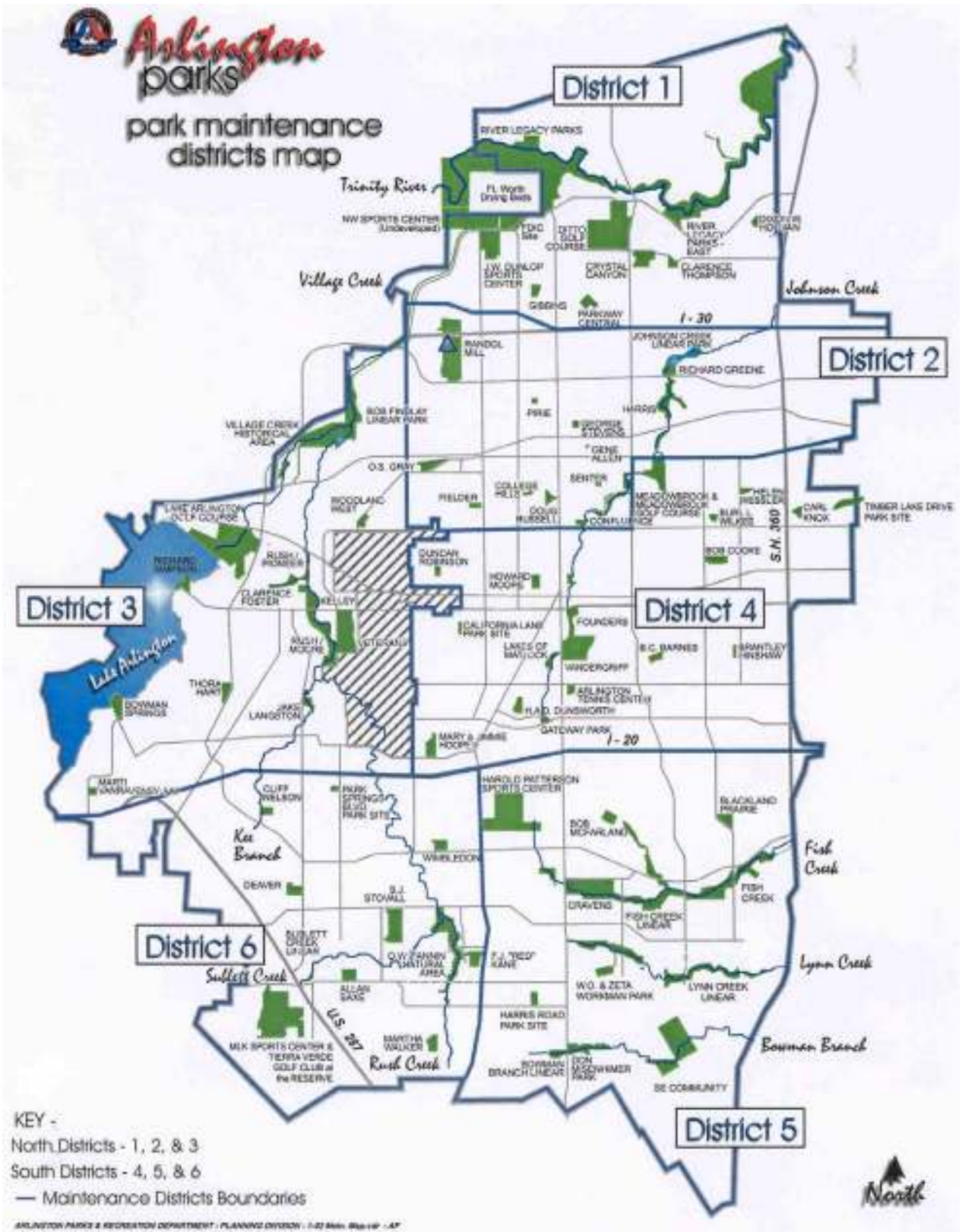
A. Tree Types

The goal of the median and right-of-way landscaping policy is to have stately native trees that line the thoroughfares throughout the City. Trees that provide canopy cover, seasonal color, and food for wildlife were selected based on the species natural range and drought tolerance. To ensure an aesthetically pleasing mix, canopy trees were paired with ornamental trees. Most medians in Arlington range in length from 450 – 600 feet. Due to this fact, combinations of canopy and ornamental species have been selected to insure one combination of trees per median. The following table displays the list of the species combinations.

Combination Number	Canopy Tree	Scientific Name		Ornamental Tree	Scientific Name
1.	Bur Oak	<i>Quercus macrocarpa</i>	and	Flameleaf Sumac	<i>Rhus lanceolata</i>
2.	Shumard Oak	<i>Quercus shumardii</i>	and	Red Bud	<i>Cercis canadensis</i>
3.	Texas Red Oak	<i>Quercus texana</i>	and	Red Bud	<i>Cercis canadensis</i>
4.	Eastern Cedar	Red <i>Juniperus virginiana</i>	and	Texas Smoketree	<i>Cotinus obovatus</i>
5.	Chinquapin Oak	<i>Quercus muehlenbergii</i>	and	Flameleaf Sumac	<i>Rhus lanceolata</i>
6.	Cedar Elm	<i>Ulmus crassifolia</i>	and	Eve's Necklace	<i>Sophora affinis</i>
7.	Chinese Pistache	<i>Pistacia chinensis</i>	and	Possumhaw	<i>Ilex decidua</i>
8.	Western Soap Berry	<i>Sapindus drummondii</i>	and	Yaupon Holly	<i>Ilex vomitoria</i>

Tree combinations were analyzed to determine suitability for different areas of the City. Soil characteristics and existing vegetation were identified throughout the City. Combinations were established for each of the Parks and Recreation Department’s six maintenance districts.

MAINTENANCE DISTRICT	COMBINATION NUMBER
District 1	1 and 8 (Bur Oak/Flameleaf Sumac and Western Soap Berry/Yaupon Holly)
District 2	2 and 3 (Shumard Oak/Red Bud and Texas Red Oak/Red Bud)
District 3	5 (Chinquapin Oak/Flameleaf Sumac)
District 4	6 (Cedar Elm/Eve’s Necklace)
District 5	4 (Eastern Red Cedar/Texas Smoketree)
District 6	7 (Chinese Pistache/Possomhaw)



CHAPTER 6
CAPITAL IMPROVEMENTS

B. Tree Spacing and Distribution

All tree combinations, with the exception of Bur Oak and Shumard Oak, should be distributed with canopy trees 40 feet on center and ornamental trees 20 feet on center from a canopy tree. Due to the size of the Bur and Shumard Oak, spacing should be 60 feet on center for the canopy trees with the ornamental trees spacing 30 feet on center from a canopy tree.

Trunk of tree shall be placed three to four feet from street light conduit, and tree shall be placed 50' from street lights. There must be at least five feet from trunk of tree to back of curb for the median to sustain tree planting.

All trees near intersections must be at least 40 feet from the median nose cone. In cases where speed limits are 40 MPH or more, trees shall be 75 feet from median nose cones due to visibility concerns.

For medians that will be widened in future, trees shall be placed such that they will not be disturbed during construction (where practicable).

1. Tree Height and Size

Balled and burlap trees of 3 inch caliper and a minimum root ball size of 36 inches are preferred. The second choice is container-grown trees, with a minimum size of 65 gallons. No additional soil shall be placed over the root ball, and the first root shall be visible after planting. All trees to be planted on medians shall be a minimum of 10 feet tall.

Additional plants, other than trees, shall be in nursery plant containers with the minimum size noted on the plans. The container dimensions shall be as recommended by the American Standard for Nursery Stock (current edition) published by the American Association of Nurserymen.

2. Irrigation

An underground automatic irrigation system approved by the City shall be provided to maintain all landscaped areas. All trees shall be zoned independently of other plantings and shall have two bubblers per tree.