

5.G. On-Site Landscaping (Also see Section 5.B.3.)

Note: Trees planted in public right of way must follow City Forester's *Guidelines for Landscaping in Parkways*. These standards specify planting requirements and contextual standards. For example, for large project involving 5+ proposed trees in the parkway must have no more than 50% of the trees in the same subgenus (e.g., red oaks or white oaks). The *Guidelines for Landscaping in Parkways* can be found in the application for Tree Planting Permit on City of Fort Worth property including parkways and medians.

1. Tree Preservation and Canopy Requirements – The following provisions of the Tree Ordinance apply:

a. Preservation Of Significant Trees – Significant trees at least 30 inches in diameter (94.25 inches in circumference) can only be removed by permit of the City Forester. Criteria for the permit will be one of the following conditions:

- 1) Retention of other existing trees on the same site with a canopy area 1 ½ times the area of the specific tree's canopy, or
- 2) Removal will be granted if planting of new trees at five (5) times greater in canopy area than the removed specific tree canopy (refer to list of canopy trees on the following page), or
- 3) Payment into the tree fund based upon the total diameter of the specific tree times \$200 per diameter inch, or
- 4) Urban Forestry Board approved plan that mitigates the removal of the large tree. Replacement of any tree preserved and that dies within five years due to construction or development activities will be the responsibility of the original applicant. Replacement will be new trees with a minimum of 3 inches each in diameter and equal to five times the lost canopy. Tree replacement will be guaranteed for a period of two years.

b. Trees In Surface Parking Lots – All new construction projects that include long-term surface parking shall provide at least 40% tree canopy coverage of surface parking lots (refer to the categorized list of canopy trees on the following page).

c. Tree Protections and Warranty/Replacement – The provisions of Zoning Ordinance Chapter 6, Article 3, Section 6.301.K.6. apply. These provisions ensure that sufficient care is taken during construction to protect existing trees, and that any preserved or newly planted tree required by the provisions of Sections 5.G.1. and 5.B.3. In this document shall be replaced if it dies within 5 years.

2. Front Yard Landscaping Guideline – Where there is a setback, front yard landscaping in addition to required trees should be provided and maintained in areas outside of ground level elements such as patios or porches. Native and drought tolerant species should be used, and irrigation systems should be designed to minimize water demand.

3. City Approved Canopy Tree List

(Other species considered on case-by-case basis.)

Large Canopy Trees (2,000 square feet)

Pecan # *Carya illinoensis*
Deodar Cedar *Cedrus deodara*
Green Ash *Fraxinus pennsylvanica*
Southern Magnolia# *Magnolia grandiflora*
Bur Oak* *Quercus macrocarpa*
Chinquapin Oak *Quercus muhlenbergii*
Shumard Oak # *Quercus shumardii*
Texas Red Oak *Quercus buckleyi*
Live Oak * *Quercus virginiana*
American Elm *Ulmus Americana*
Cedar Elm * *Ulmus crassifolia*
Lacebark Elm *Ulmus parvifolia*

Medium Canopy Trees (700 square feet)

Caddo Maple * *Acer barbatum* var. Caddo
Bigtooth Maple * *Acer grandidentatum*
Common Persimmon *Diospyros virginiana*
Texas Ash *Fraxinus texensis*
Ginkgo *Ginkgo biloba*
Kentucky Coffeetree *Gymnocladus dioicus*
Eastern Red-Cedar * *Juniperus virginiana*
Eldarica (Afghan) Pine * *Pinus eldarica*
Italian Stone Pine *Pinus pinea*
Honey Mesquite * *Prosopis glandulosa*
Blackjack Oak * *Quercus marilandica*
Monterrey (Mex white) Oak * *Quercus polymorpha*
Pond Cypress *Taxodium ascendens*
Bald Cypress * *Taxodium distichum*

Small Canopy Trees (100 square feet)

Japanese Maple # *Acer palmatum*
Common button-bush *Cephalanthus occidentalis*
Redbud * *Cercis Canadensis*
Desert Willow * *Chilopsis linearis*
Rough-leaf Dogwood # *Cornus drummondii*
Texas Persimmon * *Diospyros texana*
Carolina buckthorn # *Frangula caroliniana*
Yaupon Holly * *Ilex vomitoria*
Deciduous Holly *Ilex decidua*
Crepe Myrtle * *Lagerstroemia incica*
Mexican Plum * *Prunus mexicana*
White Sin Oak * *Quercus sinuate* var. *breviloba*
Flameleaf Sumac * *Rhus lanceolata*
Eve's Necklace * *Sophora affinis*
Mexican buckeye * *Ugnadia speciosa*
Rusty Blackhaw *Viburnum rufidulum*

* Drought tolerant species

Not recommended for parking lots or high heat areas



Tree preservation standards promote the retention of significant trees like these along Magnolia Avenue.



Trees planted in parking lots, together with pervious surfaces such as permeable concrete, improve environmental quality and help reduce stormwater runoff.