

Rockridge Station Tree Replacement

Alternative 1: Mixed Color Planting

Nyssa sylvatica (Tupelo Blackgum, Sourgum)

Tupelo is an excellent choice for an urban environment because it does well in a variety of soils, is drought tolerant, and is rarely attracted to pests. Tupelo is a deciduous hardwood tree with a pyramidal shape and a symmetrical crown with horizontal branches growing from a typically straight trunk. Tupelo provides a brilliant display of red to deep purple foliage in the fall, and has a white inconspicuous flower in the spring. Tupelo trees have a strong branching strength and need minimal pruning.

- Deciduous
- Height: 30 to 50 feet
- Spread: 20 to 30 feet
- Longevity: 150+ years
- Growth Rate: Medium (12-24 inches per year)
- Planting Height (24" box) - approximately 9 to 10 feet



Tupelo - 24" box



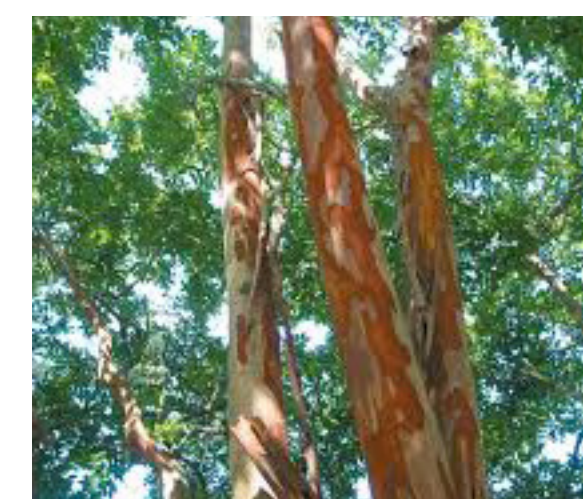
Lagerstroemia 'Natchez' (Natchez Hybrid Crape Myrtle)

A long period of striking summer flower color, attractive fall foliage, and striking mottled brown bark all combine to make Crape Myrtle a landscape favorite. The individual flowers are ruffled and crinkly as to appear made of crepe paper. *Lagerstroemia 'Natchez'* is a hybrid that was developed to have white flowers and be resistant to drought and powdery mildew; and is highly recommended for planting in urban and urban areas.

- Deciduous
- Height: 20 to 25 feet
- Spread: 15 to 25 feet
- Longevity: 50 - 150 years
- Growth Rate: Medium (12-24 inches per year)
- Planting Height (24" box) - approximately 6 to 7 feet tall



Crape Myrtle 24" box



Alternative 2: Allée

Ulmus carpinifolia x parvifolia (Frontier Hybrid Elm)

The Frontier Hybrid Elm is an Elm cultivar developed to be resistant to Dutch elm disease. It has a pyramidal upright form. The tree has an attractive gray and orange bark and in the fall has an interesting red-purple fall color. The Frontier elm is drought tolerant and tolerates poor and compacted soil, making it a good choice for urban street environment.

- Deciduous
- Height: 30 to 40 feet
- Spread: 20 to 30 feet
- Longevity: 50 - 100 years
- Growth Rate: Medium - Fast (up to 36 inches per year)
- Planting Height (24" box) - approximately 11 to 12 feet tall



Chinese Elm 24" box



References:

Urban Forest Ecosystems Institute - Cal Poly San Luis Obispo <http://Selectree.calpoly.edu>

The United States national Arboretum - www.usna.usda.gov

The Morton Arboretum - www.mortonarb.org

University of Florida - Environmental Horticulture: Tree Fact Sheets - http://hort.ifas.ufl.edu/database/trees/trees_scientific.shtml