

ENGAD 800-63
Exh #1

Utility Arboretum

Established in 2009, The Utility Arboretum provides a living example of "The Right Tree in the Right Place."

Trees are a leading cause of power outages and to help reduce the need for pruning, the Utility Arboretum showcases several varieties of trees and the correct spacing for planting with regard to the power lines.

Trees come in many shapes and sizes. Before planting new trees, consider the space available and choose an appropriate tree for that location.

On a yearly basis, the trees in the arboretum will absorb 90,000 gallons of storm water runoff, reduce approximately 5 tons of Carbon Dioxide from the atmosphere and provide \$1700.00 in annual benefits for the park.

Directional Pruning

Directional pruning is used on trees that are planted too close to the power lines. An example is shown with the American Elm by the walking trail

On the west Side of the Utility Arboretum. Following proper pruning methods allows the trees to heal faster and reduces re-sprouting.

Directional pruning also trains the tree to grow away from the power lines and reduces the need for repeated trimming.

Special Thanks

For all the hard work, knowledge and dedication in creating the Utility Arboretum:

Mid-Central Contractors

The Botany Shop
710 Minnesota Ave,
Joplin Mo.
www.botanyshop.com

Pinewood Nursery
472 Highway 96
La Russell, Mo.

City of Joplin Tree Board
Charles Keeter, Vicki Christensen, Don Buck,
Jason Grossman, Mike Shade and Doug Joyce

City Of Joplin
Missouri Department of Conservation
Empire District Electric Co.