

# 2014 City of Warrensburg Street & Park Tree Inventory Summary

Through multiple grants from the Missouri Department of Conservation, the City was able to hire Davey Resource Group to complete the Tree Inventory of the City of Warrensburg street and park trees. The purpose of the inventory was to study and evaluate the structure of a tree population, ultimately establishing an effective planning and management program for this valuable resource.

Phase One of the inventory was completed between March 16-29, 2012. Phase Two was completed between February 20 and March 14, 2013. Phase Three was completed between February 18 –21, 2014. Some of the information collected for each tree was as follows:

- location
- species
- size
- condition
- maintenance needs

Major findings from all three phases of the inventory include the following:

- The combined appraised value of inventories trees is \$5.46 million.
- 5,592 sites were inventoried including 4,068 trees, 121 stumps, and 1,403 planting sites.
- The inventory is comprised of 107 species representing 47 genera.
- The inventoried trees account for approx. \$23,000 in annual energy consumption savings and \$77,400 in storm water retention savings for the City of Warrensburg.

The following percentages of certain kinds of trees were present in Phase 3:

- Oak 21%
- Elm 11%
- Juniper 10%
- Maple 8%
- Poplar 4%

For all 3 Phases Combined:

- Oak 18%
- Elm 11%
- Maple 10%
- Walnut 8%
- Redbud 7%



Warrensburg's Trees  
(*phases 1-3*)  
come in all sizes!

- Small-sized trees 39%  
*8 in. in diameter or less*
- Medium-sized trees 44%  
*9-24 in. in diameter*
- Large-sized trees 12%  
*25 in. in diameter or greater*

A portion of the funding for this project was made available through the Missouri Department of Conservation's Tree Resource Improvement and Maintenance (T.R.I.M.) program.  
For more information about the Missouri Department of Conservation, please visit their website at [www.mdc.mo.gov](http://www.mdc.mo.gov)