

when it comes to achieving
the benefits of our urban forests



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- Quotations from expert sources -

For more information see: [S.O.S. Trees](#) and <http://tinyurl.com/bigtreeworry>

The Benefits of Urban Trees: SIZE MATTERS

Arborist. Gordon Mann of Auburn, California, states in his monograph “Sidewalk and Roots: Mitigating the Conflict—An Overview”:

“Trees are valuable urban infrastructure that provides many benefits to people. Larger trees provide greater benefits than small trees. Removing and replacing a large tree with a small tree will maintain tree counts, but not maintain the same level of benefits. Therefore, whenever possible, we try to retain the existing larger trees while making a repair or create better space for larger trees in the future.”

Posted at MRSC website, <http://tinyurl.com/MannRoots>

The Benefits of Urban Trees: SIZE MATTERS

The International Society of Arboriculture explains, in its [Guidelines for Developing and Evaluating Tree Ordinances](#):

“The benefits derived from the urban forest generally increase as tree size and canopy cover increase. Therefore, it is in the best interest of the community to protect its existing tree resources from loss or depletion. It is not possible to indefinitely preserve individual trees, since each tree will eventually die. However, it is possible to preserve both the urban forest and natural woodlands by restricting the indiscriminate removal of trees in all age classes, and by making provisions for natural or human-assisted regeneration. This embodies the concept of conservation.

. . . “In areas with native tree resources, ordinance provisions that address this goal should conserve stands of trees rather than only individual tree specimens. They should prevent depletion of the tree canopy over both short- term and long-term time horizons.”

The Benefits of Urban Trees: SIZE MATTERS

The City of Saratoga Springs [NY] [Urban and Community Forest Master Plan](#) states:

“Since the benefits derived from the urban forest generally increase as tree size and canopy cover increase, it is in the best interest of our community to protect its existing tree assets and limit the removal of existing trees.

“Increasing the number of trees in our city (and the number of large-canopy trees in particular) will lower municipal and citizen costs in many areas, benefit the commercial viability of the city, and enhance the health, safety and general welfare of our citizens and visitors which municipalities are authorized to protect.”

The Benefits of Urban Trees: SIZE MATTERS

The web presentation “[Benefits of Trees in Urban Areas](#)” (posted with graphics by Grants Pass, Oregon, with text from [ColoradoTrees.org](#).) explains:

“Trees are major capital assets in cities across the United States. Just as streets, sidewalks, public buildings and recreational facilities are a part of a community’s infrastructure, so are publicly owned trees. Trees — and, collectively, the urban forest — are important assets that require care and maintenance the same as other public property. Trees are on the job 24 hours every day working for all of us to improve our environment and quality of life.”

The Benefits of Urban Trees: SIZE MATTERS

- a tree in front of 36 N. Ferry St., at Green St and Lawrence Circle, in the Schenectady Stockade Historic District



[R] August 2007. before “streetscape improvement”
[L] August 2011, three years after new sidewalk installed and tree replaced

- images from Google Map Street Views

For more information see: <http://tinyurl.com/bigtreeworry>

Compiled by David Giacalone for Save Our Schenectady Trees [S.O.S.Trees]

tinyurl.com/SOStrees