

Section 5

District Master Plan Maps

Street and Park Tree Master Plan Maps

The district master plan maps have been created to serve as a guide for future street tree planting and planning for the City of Saint Paul (park tree plantings are planned by the Design Section of Parks and Recreation). These maps identify overall planting patterns and coordinate tree species diversity across district boundaries.

Included with the maps are short descriptions of each district that provide context and identify a number of the challenges and opportunities associated with street tree management. There are also a number of city-wide urban forestry management issues that will affect the long term development of the streetscape and should be considered in each district. These include:

- **Structural Pruning**
Forestry actively trims trees to establish good form and tree health so that structural issues do not arise which could reduce the long term survival and success of street trees.
- **Stem Girdling Roots**
Many of the maple and linden trees planted in the 1970's have developed stem girdling roots that block the movement of water and nutrients between the roots and canopy effectively choking the tree. These trees are more susceptible to storm damage and early senescence.
- **Dutch Elm Disease**
This fungal disease continues to infect the remaining American elm trees found in Saint Paul and will require on going monitoring and removal of affected trees. New varieties of DED resistant elm trees have been introduced and are being planted where site appropriate.
- **Emerald Ash Borer**
Identified in Saint Paul in 2009, this insect has the potential to dramatically restructure the urban forest by eliminating large numbers of ash trees within the city.
- **Aphids**
Aphids are commonly found on linden trees and exude a sticky substance that many consider a nuisance.

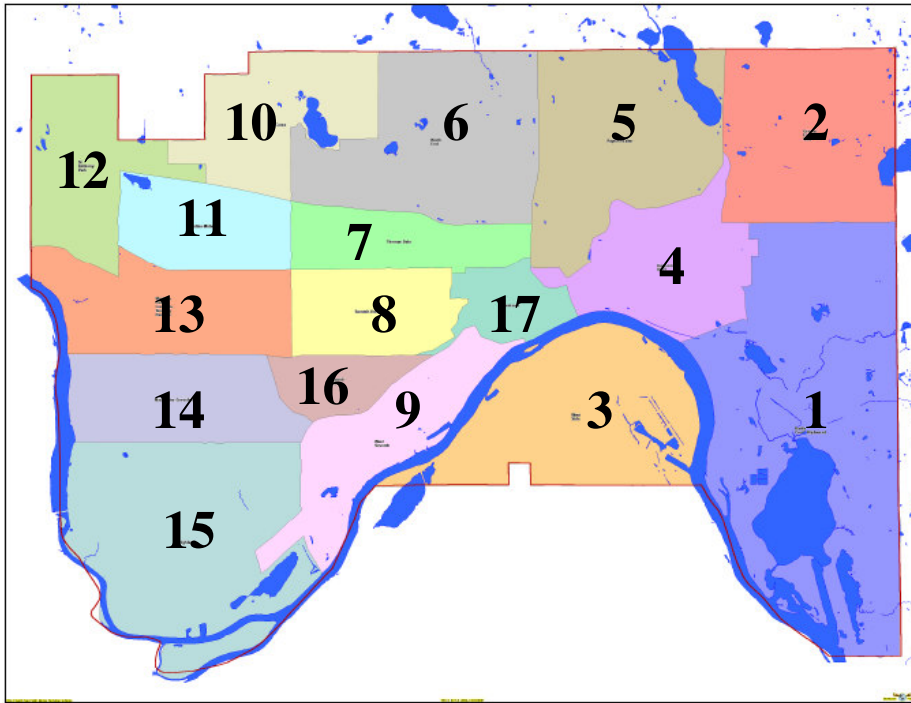


Figure 5.1

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