

Davey Tree Management Plan Quick Summary (See full report for additional details)

This is Davey's proposed Tree Management Plan that was presented to the board. The board is currently in the process of determining the best way to implement the plan.

Oct 2017 Inventory 717 sites (683 individual trees and 34 stumps) of which VBP Association managed 374 trees and 31 stumps.

Overall condition rated GOOD

- Two species Maple and Ash each represent 30% of the population. Not the ideal mix.
 - Species diversity: Ideal 10-20-30 Rule. A single species no more than 10%, Single genus no more than 20%, single family no more than 30%.
- Overall diameter size class distribution is not trending toward ideal. Greater number of established trees vs. young, mature, and maturing trees.

Tree Maintenance & Planting Plan - 5-year program (See Davey's Management plan page 28 for year by year break out of estimated costs and page 29 for cost by activity).

- Cost Year 1 = 20K; Years 2-5 = 13K
- Tree removal - 8 trees
- Pruning - 289 trees. Improves tree health, identify and addresses problems, prolongs life of tree
- Tree planting - seven trees per year. Helps with size and class distribution and promotes a variety of species (Refrain from planting maple and ash until we have a better mix of trees)
- Cycle yearly pruning (57) and young tree training (13)
- Stump removal 31 (may have more after Nat Grid completes work around power lines)

Best approach is to have an organized proactive program utilizing tools (such as tree inventory and a tree management plan) to set goals and measure progress.

Tree Benefits

- Shade to cool building and parks
- Storm water management (Association trees alone soak up almost 500K gallons of rainfall annually)
- Clean air and a reduction in CO2
- Increase property value
- Overall aesthetics - Flowers in the spring, green in the summer and colorful leaves in the fall

Full report includes

- Five year plan page 28
- Cost breakdown by activity/ year page 29
- Appendix A - Data location and site collection methods
- Appendix B - Very large list of suggested trees we can plant
- Appendix E - Review of invasive pest and diseases