

Forest Management Plan

With 82% of the assessed trees being either in fair condition, poor condition or dead, a tree management strategy will need to be established that prioritizes tree maintenance in terms of work that needs to be performed as soon as possible to no tree maintenance required at this time.

Arborguard has assigned all assessed trees with a maintenance priority number. This number indicates the level of immediacy with which trees having particular defects or hazards or other maintenance needs should be addressed. This is a qualitative assessment made by the technician and represents the best judgment of the technician based on his accumulated tree care experiences.

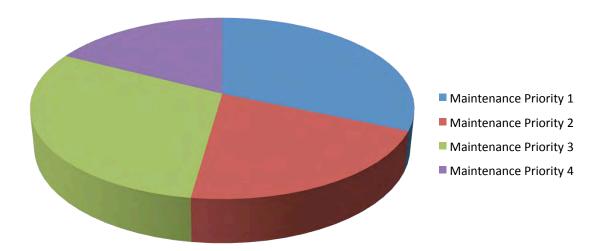
- Maintenance Priority 1 trees are trees that are dead, present a high risk of failure in the immediate future or are in such poor condition that they present hazardous conditions to the community.
- Maintenance Priority 2 trees are trees that have major dead limbs over roadways or sidewalks that will not likely fail in the near future but should be removed to insure public safety.
- Both Maintenance Priority 1 and Maintenance Priority 2 trees should be addressed in a timely manner.
- Maintenance priority 3 trees are trees that may require structural supports added to stabilize trees with weak stem unions or trees that would benefit from soil fracturing or supplemental organic nutrients.
- Maintenance Priority 4 trees are trees that currently exhibit good health and that are structurally sound. These trees do not require any immediate attention.







Maintenance Priorities



- Maintenance Priority 1: Action is required as soon as possible, these trees may be dead or hazardous
 - o 311 trees are classified as maintenance priority 1
 - 280 trees in parks, 31 trees in road right of ways
- Maintenance Priority 2: These trees require action in the near future, these trees may need to be pruned for hazardous dead limbs
 - o 205 trees are classified as maintenance priority 2
 - 153 trees in parks, 52 trees in road right of ways
- Maintenance Priority 3: Maintenance priorities 1-2 should be addressed before maintenance priority 3
 - o 300 trees are classified as maintenance priority 3
 - 87 trees in parks, 213 in road right of ways
- Maintenance Priority 4: Tree maintenance is not required at this time
 - o 172 trees are classified as maintenance priority 4
 - 142 trees in parks, 30 in road right of ways









To aid in managing these Maintenance Priority issues within the road right of ways, Arborguard has chosen to divide the City of Dunwoody into 17 Tree Maintenance Zones. These zones can be viewed on the City of Dunwoody Master Maintenance Priority Level Map which is included in an electronic format and can be plotted as a 34"x44" map. Each tree assessed is shown on the map as a color coded symbol with its associated identification number. The included table shows the street address and other pertinent information for each tree. Also included in an electronic format is a computer based version of these maps with an interactive feature that allows an individual to click on a specific tree symbol, whereupon information pertinent to that tree will be displayed on the computer output device.

Each parkland/green space is individually represented in a similar fashion as the road right of ways, that is, with plottable maps and a computer based version of each map with interactive features. However, given that there are no specific addresses for each tree in the parks, a satellite image of each park is shown with the locations of each color coded displayed. These maps are included in the provided binder with each park report.

There are 423 trees that fall into either the Priority 1 or Priority 2 category. It is estimated that it will take 15 weeks to remove and prune the trees that require the most immediate attention. The initial work will need to be conducted concurrently in the parks and the road right of ways. This work is to be prioritized by most frequently used area, the first area of greatest concern is the playground and dog park at Brook Run Park. This work should be completed with the highest level of priority. The next area of great concern is the walking trail in the Dunwoody Nature Center. The large tree removals on the road right of ways should be reviewed and the most hazardous of these trees should be removed as soon as possible.

Within the body of each of the following reports is a Maintenance Schedule. The intent of this schedule is to provide a generalized idea of the time it will take to complete work on the Priority 1 & 2 trees with an estimated budget.







For budgeting purposes, the following are estimates for completing the required priority 1 & 2 work in a timely manner by a qualified tree care service provider:

Tree removal budget for all parks: \$68700

Tree removal budget for rights of ways: \$33500

Tree pruning budget for all parks: \$49850

Tree pruning budget for rights of ways: \$19000

Plant health care budget for all parks: \$40245

Plant health care budget for rights of ways: \$7600

There are 272 Maintenance Priority 3 trees shown, the majority of these trees being found in the road rights of ways. Of the trees shown, approximately 100 of these trees are dogwoods and would require very little pruning. Approximately 65 trees will require light pruning in a second or third year program to remove dead branches over roadways or sidewalks. The remaining trees in Maintenance Priority 3 require some type of soil treatments to improve the overall vigor of the tree. It is uncertain at this point how the City of Dunwoody would like to proceed with the management of these trees and this budget will be addressed at a later date.

Maintenance Priority 4 has 66 trees in this classification. At this time, no maintenance is required on these trees.





