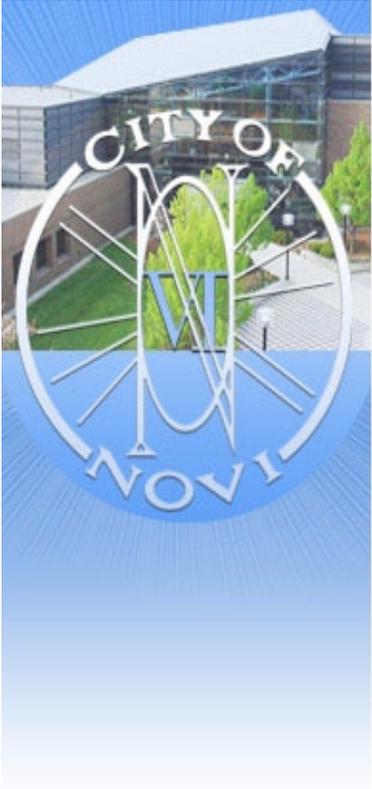


City of Novi's Street Tree Management Project

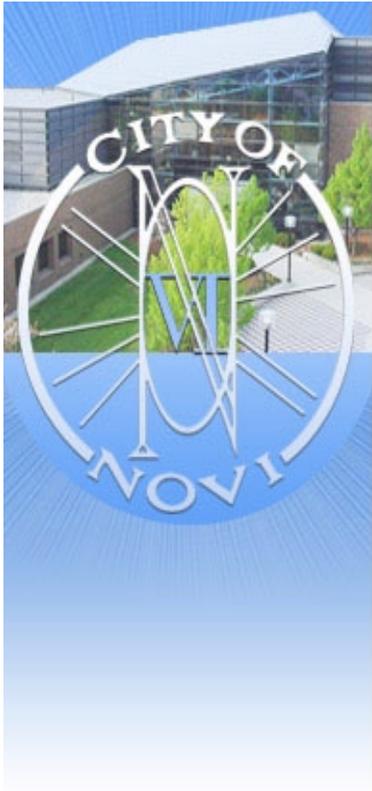




Why Perform a Tree Inventory?

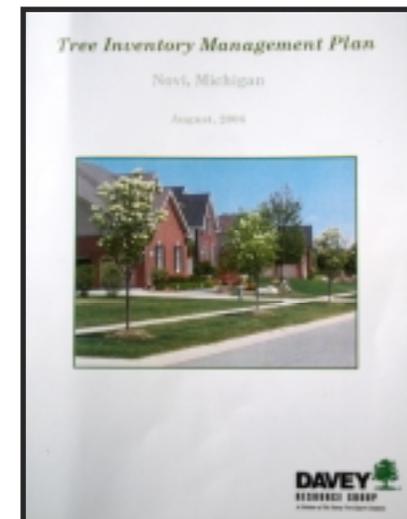
- Investment in community's future
- Public safety and municipal liability
- Tree stocking levels
- Improve the environment





What were the Objectives of the Tree Inventory?

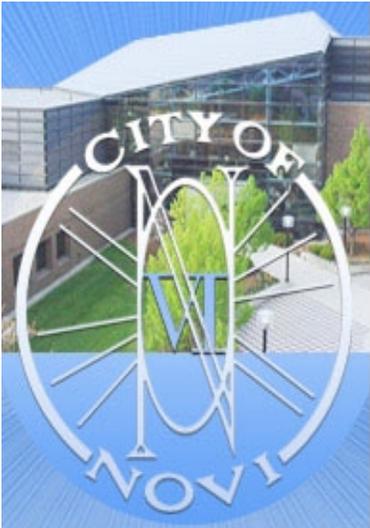
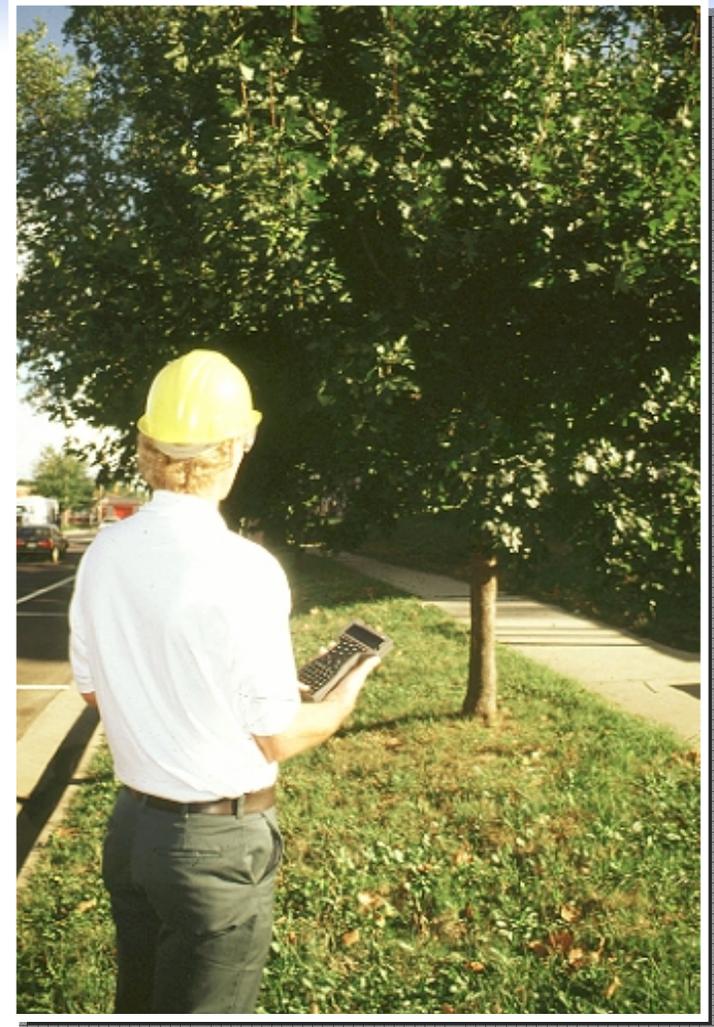
- **Prioritize maintenance**
- **Identifying trends**
- **Identify planting sites**
- **Establish benchmark**
- **Develop a management plan**

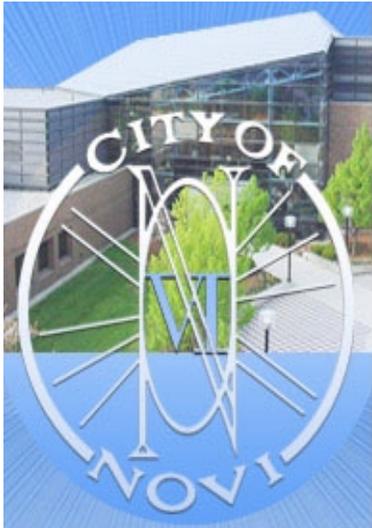




What Was Recorded?

- **Location**
- **Species**
- **Size (DBH)**
- **Condition**
- **Maintenance need and priority**
- **Observations**
- **Hardscape damage**
- **Growing space type/size**
- **Clearance needs**
- **Potential planting sites**





Results

Totals

- 17,892 municipal trees
- 1,896 potential planting sites

Age of the tree population

- Most of the trees are in the Small size class

Health and Condition

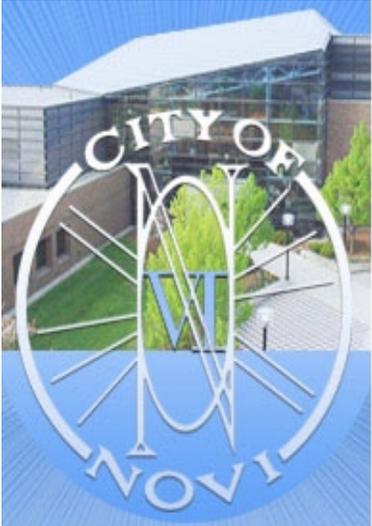
- Most rated between Good and Fair condition

Value

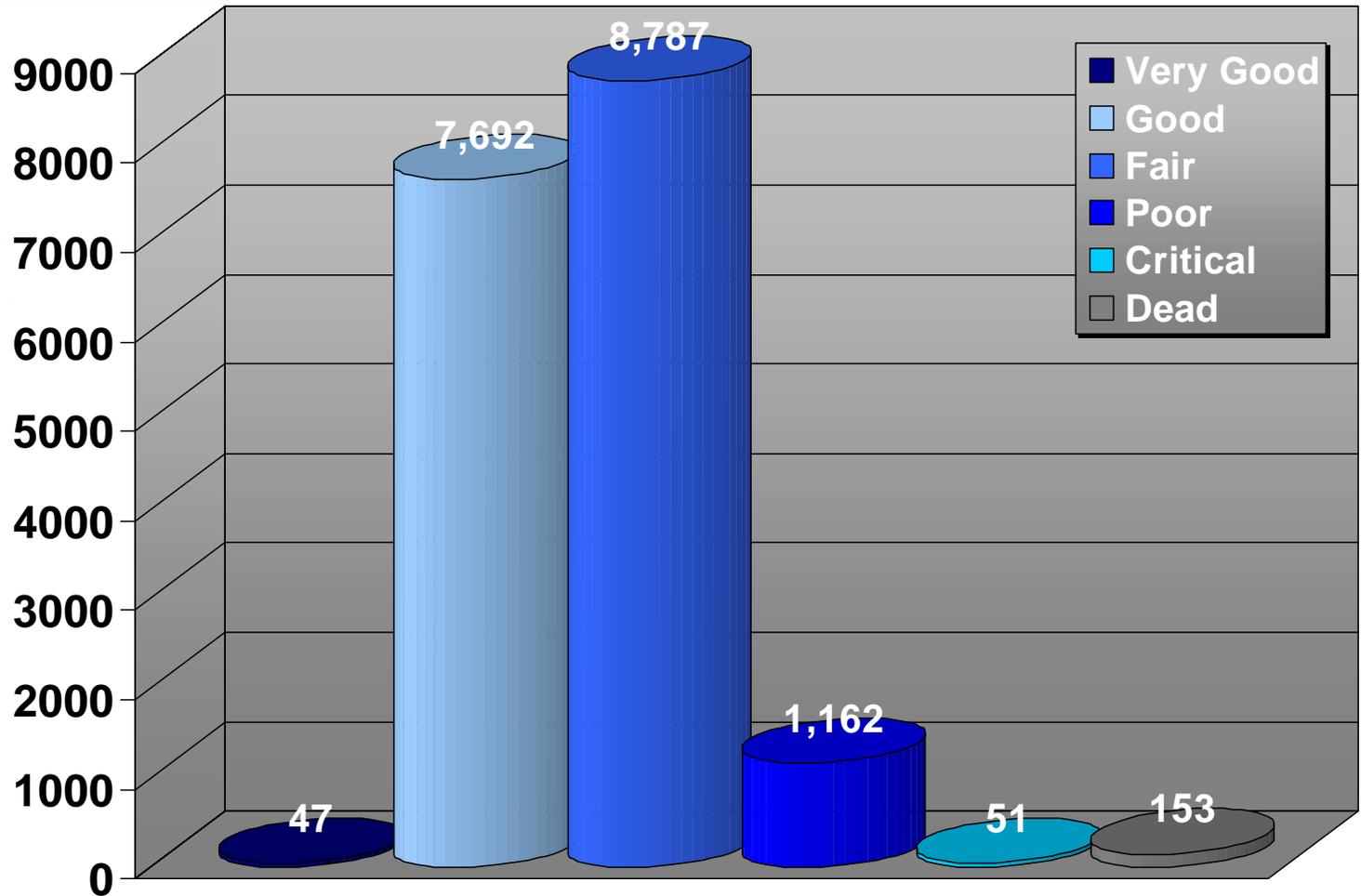
- \$9,721,727
 - According to Guide for Plant Appraisal (9th Edition)

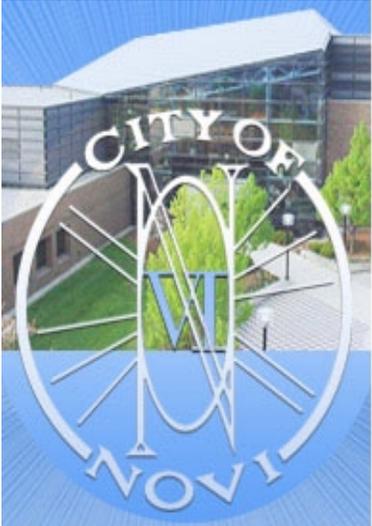
Diversity

- 51 genera and 104 species



General Health & Condition





Tree Species Breakdown

Totals

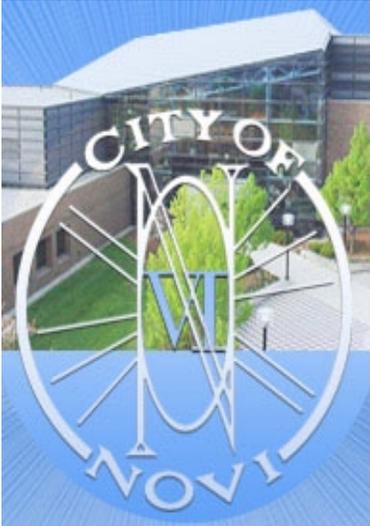
- 104 different species in 51 genera

Diversity

- 31% of population are maples (*Acer*)

Significant species

- | | |
|---------------|-----|
| ■ Maple | 31% |
| ■ Linden | 8% |
| ■ Honeylocust | 7% |
| ■ Oak | 6% |



Priority Maintenance Work

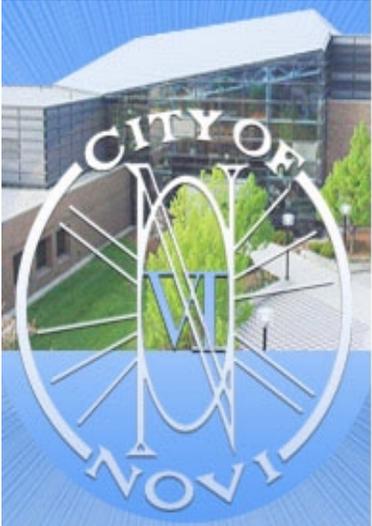
Objective

- Reduce potential hazards to people and property

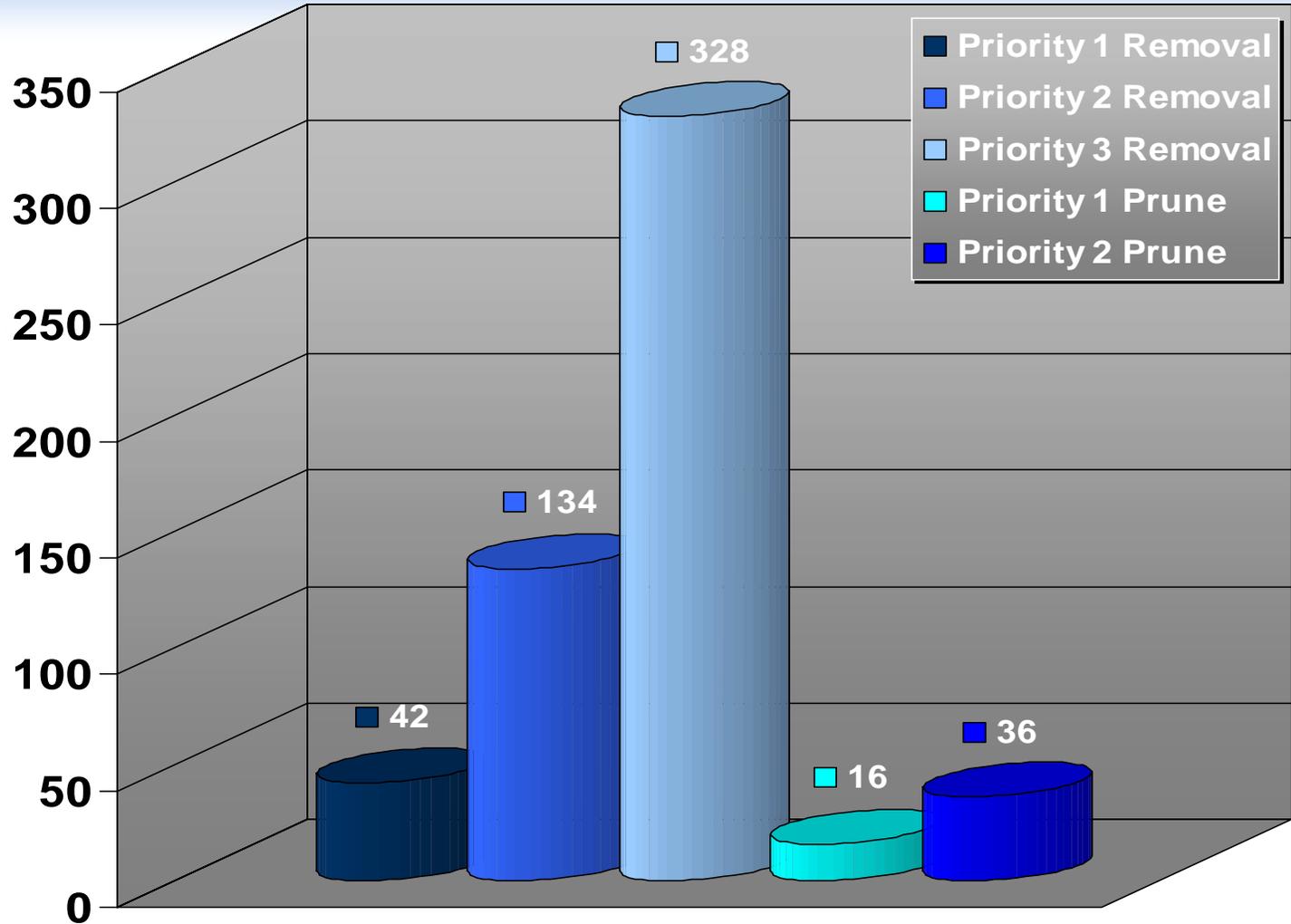
Recommended Work Completed Within 1st Year

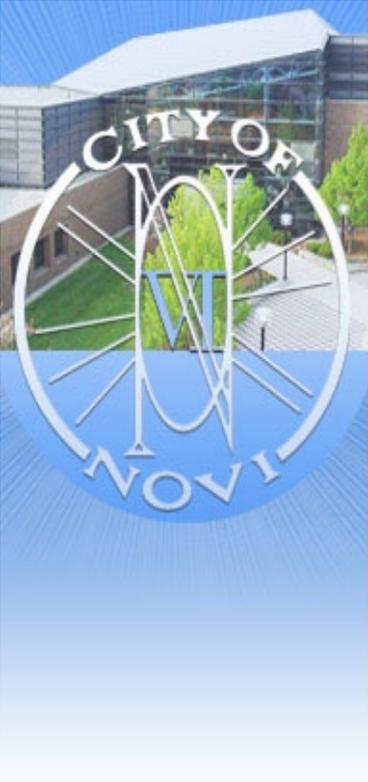
- Priority One Removals (42)
- Priority Two Removals (134)
- Priority One Pruning (16)
- Priority Two Pruning (36)





Safety Related Maintenance Needs

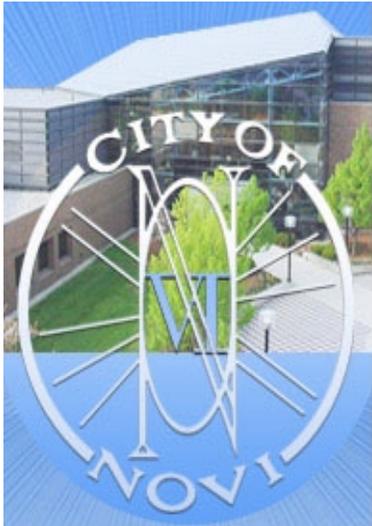




Other Identified Maintenance Work

Objective:

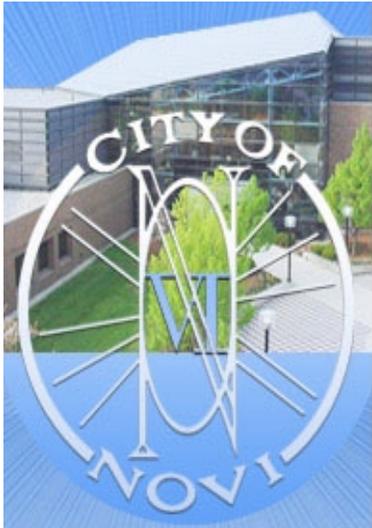
- **Routine prunes**
 - To improve health and appearance of trees
- **Training pruning**
 - To reduce future problems
- **Clearance pruning**
 - Sidewalk, Sign, and Road
- **Stump removal**
- **Other maintenance needs**
 - Mechanical wounding, soil compaction, improper mulching



Other Recommendations

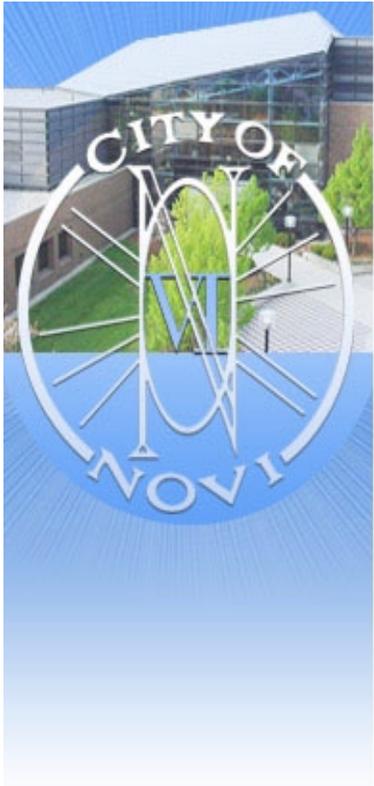
- **Encourage species diversity**
- **Enhance public relations**
- **Develop a street tree preservation ordinance**
- **Inventory park and major road trees**
- **Address improper mulching and over watering**





Davey Tree's Comments on Novi

- **“Novi has an effective and progressive urban forestry program.”**
- **DRG specifically commended our tree planting efforts (identifying our species diversity, proper site selections, and two-year warranty requirement for trees planted by developers)**
- **“City has made sound management decisions as compared to other communities across the country.”**



In Summary

Trees - Generally Good/Fair condition

- **Reduce potential safety hazards**
- **Develop annual pruning programs**
 - **Reduce future work and costs**
- **Continue to increase species diversity**



Thank You