

**Roseville Parks and Recreation
Commission Meeting
Tuesday, December 4, 2012
6:30 P.M.
Roseville City Hall
2660 Civic Center Drive**

AGENDA

- 1. Introductions/Roll Call/Public Comment Invited**
- 2. Approval of Minutes of November 1, 2012**
- 3. Public Tree Master Plan Presentation**
- 4. Park and Recreation Renewal Program**
- 5. Meeting Calendar for 2013**
- 6. Staff Report**
- 7. Election of Chair and Vice Chair**
- 8. Other**
- 9. Adjournment**

**Roseville Parks and Recreation
"Building Community through People, Parks and Programs"
www.ci.roseville.mn.us**

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For more information, call Roseville Parks and Recreation at 651-792-7006
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MEMORANDUM

To: Parks and Recreation Commission
From: Lonnie Brokke
Date: November 25, 2012
Re: Notes for Commission Meeting on **Tuesday December 4, 2012**

1. **Introductions/Public Comment Invited**

Commissioners and staff will be introduced. Public participation and public comment is encouraged.

2. **Approval of Minutes of the November 1, 2012 Meeting**

Enclosed is a copy of the minutes of November 1, 2012. Please be prepared to approve or amend.

Requested Action: Approve/amend minutes of the meeting of November 1, 2012.

3. **Public Tree Master Plan Presentation**

Included in your packet is a draft of the Public Tree Inventory and Master Plan that staff has been working towards as a part of the Department of Agriculture grant in 2010. You have seen bits and pieces along the way and this will be your first look at a full draft for you to provide comments and suggestions on. Staff will be prepared to provide you with a brief summary at your meeting.

Requested Commission Action: Discuss and provide input/suggestions on the draft plan working towards a final plan and recommendation to the City Council.

4. **Park and Recreation Renewal Program**

The agreement/contract with LHB has been finalized. Staff has been working together with all department divisions and with Michael Schroeder of LHB to outline a coordination schedule, project packages, public engagement strategy and conducting community design work.

The Natural Resource and Trails Subcommittee is moving forward with another meeting on Wednesday, December 5th to discuss the: Reservoir Woods Project, Langton Lake Project, B2 Project and to begin a review of the coordination of the Pathway Master Plan and the Parks and Recreation Constellation Concepts. Commissioner Doneen and Staff will be providing any additional information to you at the meeting. Comments and suggestions from the Commission are encouraged.

An important part of the renewal program will be an appropriate Public Engagement Strategy. Enclosed is a copy of an initial draft outline for your review. Please take time prior to the meeting to review and be prepared to provide your input/thoughts at the meeting.

Any new progress will be reported at the meeting.

Requested Action: Discussion and to provide input into the Draft Public Engagement Strategy.

5. **2013 Commission Meeting Calendar**

Review and discuss meeting dates for 2013. Draft calendar is attached.

Requested Commission Action: Discuss and set annual meeting calendar for 2013.

6. **Staff Report**

7. **Election of Chair and Vice Chair**

Congratulations Chair Etten on your successful election to the City Council. As a result of the election, it is the role of the Commission to confirm a Chair and Vice Chair for the coming year.

Requested Action: Confirm a Chair and Vice Chair for the Commission.

8. **Other**

9. **Adjournment**

**ROSEVILLE PARKS AND RECREATION COMMISSION
MEETING MINUTES FOR NOVEMBER 1, 2012
ROSEVILLE CITY HALL ~ 6:30PM**

PRESENT: Azer, Boehm, Diedrick, Doneen, Etten, D. Holt, M. Holt, Ristow, Simbeck, Wall

ABSENT:

STAFF: Anfang, Brokke

1. INTRODUCTIONS/ROLL CALL/PUBLIC COMMENT

None. Note: Meeting not televised due to unexpected absence of media technician

2. APPROVAL OF MINUTES – OCTOBER 2, 2012 MEETING

Commission Recommendation:

Minutes for the October 2, 2012 meeting were approved unanimously.

3. COMMUNITY ENGAGEMENT TASK FORCE REPORT

Doneen & Simbeck updated the commission on the status of the Community Engagement Task Force Report. Both mentioned the support of the task force for a new staff position that acts as a volunteer coordinator and organizer/support staff for citizen engagement efforts. Simbeck spoke positively on the process and the final report. Commission questions and discussion followed.

4. HIGHCREST PARK 3rd ADDITION PARK DEDICATION

Etten introduced the agenda item which was followed by a recommendation motion.

Commission Recommendation:

Motion by Doneen, second by Simbeck to recommend the Roseville City Council accept cash in-lieu of land for the Highcrest Park 3rd Addition.

Commission discussion followed. Commissioners inquired into and defined the possibility of acquiring land away from the area being developed as the park dedication. It was agreed upon that while this is a viable option it is not appropriate for this development.

Motion passed unanimously.

5. PARK DEDICATION RATE DISCUSSION

Brokke introduced background information included in the Commission packet. D. Holt brought attention to the fact that many communities surrounding Roseville have higher park dedication rates. Simbeck added that Roseville is slightly below the average of the comparative communities. M. Holt pointed out that staying competitive helps to alleviate some burden on Roseville Citizens and helps to spread costs to others using the Park System. Commission went on to discuss the current Park Dedication Rate for Commercial/Industrial development, including the pros and cons of setting a percentage vs. a straight dollar amount per acre. Brokke informed the Commission that the Commercial/Industrial rate has remained unchanged for a number of years. Many of the Commissioners voiced support of staying competitive. Commissioner Ristow suggested keeping the Commercial/Industrial rate unchanged for another year.

Commission Recommendation:

Motion by Ristow, second by Doneen, to maintain Park Dedication rates at their current level.

Commission discussion followed. Many Commissioners voiced their opposition to the motion and their support of increasing the Commercial/Industrial rate for Park Dedication fees for various reasons including an effort to help relieve costs to tax payers and spread out costs to other users to maintain and enhance the park system.

55 *Motion failed 3-6. Doneen, Ristow and Wall voted in favor of the motion.*

56 *Azer, Diedrick, Etten, D. Holt, M. Holt and Simbeck voted against the motion.*

57 *Motion by Diedrick, second by Simbeck, to recommend to the City Council an increase in the*
58 *Commercial/Industrial Park Dedication rate from 5% to 7% of the FMV.*

59
60 Diedrick and others suggested the following reasons for proposing an increase from 5% to 7%:

- 61 • Commission is fulfilling their responsibility to regularly review rates and look for ways to
- 62 reasonably raise revenues
- 63 • Maintains a competitive rate with surrounding and like communities
- 64 • Increased revenues will help alleviate some of the potential tax burden to citizens and spread
- 65 costs to other users of the Parks and Recreation System
- 66 • The Commercial/Industrial Park Dedication rate has remained at 5% since the late 1980's
- 67 • The increased use of the Park and Recreation System that is created with new development
- 68 • The quality and extent of the existing Capital Improvement Program (CIP) and the current
- 69 investment in the Parks and Recreation System with the need to replace/preserve/enhance
- 70 that investment
- 71 • The existing land values
- 72 • The Adopted Master Plan and authorized Implementation

73 With the increase to 7%, the Parks and Recreation Commission feel that this will better reflect the
74 average and bring Roseville more reasonably in line with neighboring and like communities.

75
76 Ristow continued to voice his opinion that now is not the time to increase Park Dedication fees.

77
78 Commission discussed the pros and cons of setting a specific flat per acre fee for the
79 Commercial/Industrial rate and decided the percentage of the Fair Market Value was most
80 appropriate.

81
82 *Motion passed 6-3. Azer, Diedrick, Etten, D. Holt, M. Holt and Simbeck voted in favor of the*
83 *motion.*

84 *Doneen, Ristow and Wall voted against the motion.*
85

86 **6. PARK & RECREATION RENEWAL PROGRAM**

87 Brokke updated Commission on Renewal Program status.

- 88 • LHB has been approved by the City Council to serve as the Lead Consultant to provide
- 89 direction and support in the development of Concept Plan, Construction & Design Standards,
- 90 project scheduling and RFP process
- 91 • Council has awarded the final Bond sale

92 Brokke reviewed the Milestone Schedule for the coming 9-10 months that will direct the tasks for
93 LHB and initial project needs. Brokke also reviewed the portion of the bonding program that
94 provides for the needed consultants and industry experts to carry out the extensive system-wide
95 Renewal Program.

96
97 Anfang updated the Commission on Recreation needs and impacts as they relate to the Renewal
98 Program. Anfang pointed out that Recreation programs and events cannot be cancelled or postponed
99 during the Renewal Program. Recreation may use alternate locations for a year or temporarily. These
100 changes will be planned for ahead of time and communicated to the community.

101
102 Doneen updated the Commission on the work of the Pathways, Trails and Natural Resources
103 Subcommittee. The subcommittee is a combined group of Parks & Recreation Commissioners and

Public Works, Environment and Trails Commissioners working with staff to review projects, recommend opportunities and represent mutual commissions.

- The first subcommittee meeting took place recently with Jeff Evenson and Deb Bloom present. The meeting was organizational and updated those attending on recent work and upcoming projects.
- Evenson presented a Natural Resource project scheduled for Reservoir Woods that will combine volunteer workers and a citizen donation to remove Buckthorn in a single identified area in Reservoir Woods.
- Doneen hopes that this subcommittee will be able to create a team of volunteers that will continue to work on community Natural Resource projects throughout the Renewal Program and beyond.
- Initial efforts are focusing on Buckthorn Removal as this issue has been identified in the Natural Resource Master Plan, is a good area to get volunteers involved and trained and is really needed throughout our park-system.
- Doneen reported the subcommittee suggested efforts be made to find additional funding for the B2 pathway project; this is a large project what could become a large financial burden for the Renewal Program pathway initiatives.
- The subcommittee will be helping to develop and implement a communication plan for B2 and other trail projects as well as reviewing past planning efforts.

7. STAFF REPORT

- Villa Park Project is moving forward. A community information meeting is scheduled for November 5th.
- Community Recreation Event Updates;
 - o The October 27 Halloween Spooktacular was once again a fun and successful youth activity.
 - o Peggy's Holiday Boutique begins November 3 at the Skating Center and continues through Nov. 11
 - o The FOR Parks Holiday Rose Home Tour is November 9 & 10 with the pre tour Gala taking place in November 8.
 - o OVAL Opens November 9!
 - Skating Center staff will begin making ice Monday, November 5.
 - o District 623 fundraising Walk/Run is November 10
 - o Friends of the OVAL Gala is November 17
 - o HANC Holiday Craft Fair is December 1 & 2
- FORParks has recently replaced the fountain in Lake Bennett and purchased a number of benches for placement in the Arboretum and other Roseville Parks
- The Central Park Foundation has begun to install way-finding signs in Central Park

8. OTHER

- Ristow asked residents to continue to water trees, consider supporting organizations that are helping those affected by the East Coast super-storm and VOTE.
- D. Holt informed the Commission of a School District committee that is reviewing the Owasso School Property and will be making recommendations to the School Board on future use(s) of the property. Holt encouraged the community to share ideas on how they feel the property should be used. Recommendation to School Board is due in two months.

Meeting adjourned at 8:15pm

Respectfully Submitted,
Jill Anfang, Assistant Director



City of Roseville Public Tree Master Plan

November 2012 Draft

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INTRODUCTION

The urban forest of the City of Roseville represents an economic and environmental asset to the community. The development of a progressive, long range urban forestry program based on current research and city-wide inventory will provide the foundation for an ongoing forestry program that will result in a healthier and safer urban forest within the City of Roseville.

Tree lined streets and canopied parks are not only inviting, but are natural providers of important aspects of the quality of life. As their beneficiaries, we rely on them to clean our air, provide dynamic buffers, reduce noise, conserve our soil, reduce storm water runoff, and add to the visual quality of our community. Acknowledging their major contribution to Roseville, the goal of this forestry plan is to provide a strategic approach to sustaining the urban trees on a short and long-term basis.

The City of Roseville has prepared this Public Tree Master Plan for the purpose of formalizing the organization of past, current, and future programs related to the City's street trees. Through the process of preparing this plan, the City was able to collect city-wide tree inventory, assess city tree value and benefits, re-evaluate the urban forestry ordinance, and devise a clear, concise set of goals and objectives to effectively and equitably manage trees on municipal property.

The intention of the Roseville Urban Forest Management Ordinance and Public Tree Master Plan is to promote the establishment of Roseville's urban forest and provide protection to this valuable resource once it is established. The Ordinance states that street tree planting on City property must conform to the Roseville Public Tree Master Plan. The Master Plan provides an analysis of tree inventory and value, and provides specific guidance on the appropriate selection, planting techniques, and maintenance of public trees.

GOALS AND OBJECTIVES

The purpose of the Roseville Public Tree Master Plan is to provide a valuable tool for the improvement of the City's reforestation and for enhancing the general health and welfare of Roseville citizens. Specifically, the goals and objectives of the plan are:

Short-Term Goals:

- Monitor trees for structural, disease, or cultural problems
- Remove hazardous trees on public boulevard or right of ways
- Establish a routine trimming schedule for all trees within the City's boulevard, right of way and facilities
- Plant new street trees to replace those eliminated by disease, structural, natural, or cultural problems
- Improve species diversity in new plantings
- Provide specific guidance on the appropriate selection and planting of street trees to ensure tree care and replacement costs are minimized by avoiding inappropriate or invasive species for the area
- Inform the public of ongoing efforts and long-term strategies for reforestation and maintenance
- Track all activities that impact the urban forest resource

Long-Term Goals:

- Update and manage inventory of all street trees by using state-of-the-art technology and mapping methods
- Increase public education and involvement in the planning, care, and maintenance of urban trees
- Align city budget for appropriate levels to maintain urban forestry operations to a high level

- Develop working partnerships with local and regional utilities, agencies, and organizations to improve effectiveness and efficiency of urban forestry operations
- Align the number of trees planted on along city streets with Public Tree Master Plan proposal
- Achieve species diversity whereby no single species represents more than 10% of the urban street tree population
- Formulate, implement, and continually evaluate both a general city-wide approved species list as well as an approved species list on a block by block basis
- Provide appropriate level of training to in-house personnel on all phases of urban tree care

Objectives:

- Document the location, species, and condition of Roseville's urban forest with guidance from the current city-wide tree inventory
- Identify the City's tree canopy needs and target areas that require the most attention for reforestation
- Identify and track all tree plantings within the City of Roseville to quantify contributions to the City's tree canopy
- Establish professional development standards that will ensure proper installation and maintenance of trees in the City of Roseville
- Revise the City's 1995 Street Tree Master Plan to improve management plan, species diversity, long-term aesthetics, and reduced risks for exotic pests and disease
- Develop a public education and awareness campaign to inform and support citizens and local businesses regarding the City's tree canopy needs

INVENTORY & ANALYSIS

Urban Forestry Data Collection

The City of Roseville began collecting and updating its city-wide street tree inventory during the Summer of 2009. The City received the Forest and Protection Reserve Planning and Preparedness Grant from the Minnesota Department of Agriculture in 2010, which allowed for the completion of city-wide street tree inventory, an upgrade of urban forestry analysis and management software, as well as revisions to the forestry ordinance and street tree master plan.

The City's Forestry Management software system is being used to conduct inventory data collection and statistical analysis, create integrated maps and reports and track on-going maintenance of our forest resource. The software also has the ability to calculate benefits and values of Roseville's trees, and manage not only the city-wide street tree inventory but also resident calls and work orders.

The inventory data that has been collected identifies existing street trees and opportunities for tree plantings within the city boulevard. The city boulevard is defined as the property between the edge of the street and the property line or right of way line. The current standard width of Roseville's boulevards is 14 feet but varies according to the individual street. Existing trees within the boulevard were identified and recorded by the following characteristics:

- Address of Site, Tree Identification Number, and Blockside Information
- Species
- DBH
- Condition
- Maintenance

The determination of a tree planting location within the boulevard was based on a 35 – 40 foot on center minimum spacing requirement for planting. If a site was identified as having sufficient open space within the boulevard, it will be further inspected to ensure there were no other reasons it would be considered an unsuitable planting site. Some, but not all, of the limiting factors include:

- The location of underground utilities such as gas, water, and sewer
- Unsuitable boulevard or easement width
- Incompatible with other location or spacing requirements documented in the Appendix
- The presence of overhang wires

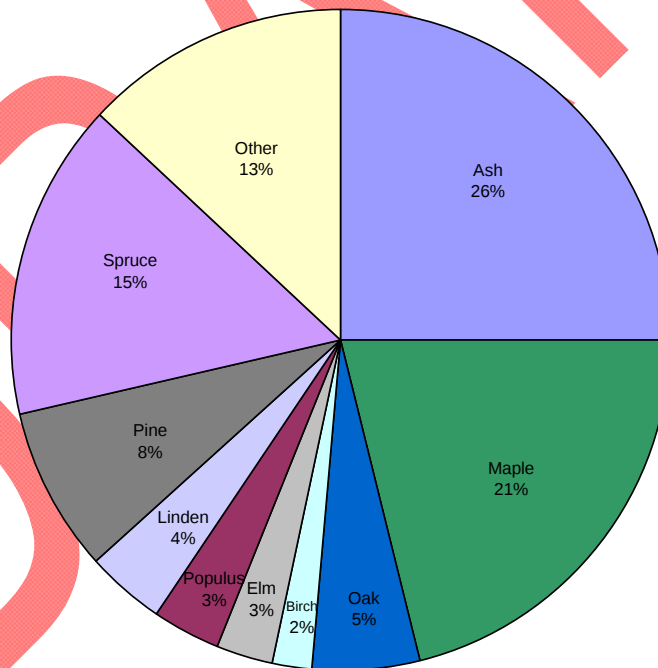
- Possibility of competition with other public or private tree(s)
- A recent tree removal

In addition, all tree plantings are to conform to applicable roadway design standards, such as horizontal clearance, sight distance, and avoidance of utility conflicts, as well as follow the City of Roseville Public Tree Master Plan design criteria for standards and planting selection. In order to ensure all new tree plantings are accounted for and properly managed, the City Forester will enter each tree planting into the software management system. Information entered into this system will include location, date of the planting, species, city dollars spent, in-kind dollars, and list contractors or other partners involved. Reports may be formatted by any of the above categories for tracking purposes.

2009 – 2010 Inventory & Findings

The current street tree inventory included a total of 6,888 trees located within the boulevard, and 1,313 opportunities for planting spaces. The following chart indicates the street tree inventory based on species.

Street Tree Species Distribution By Percentage

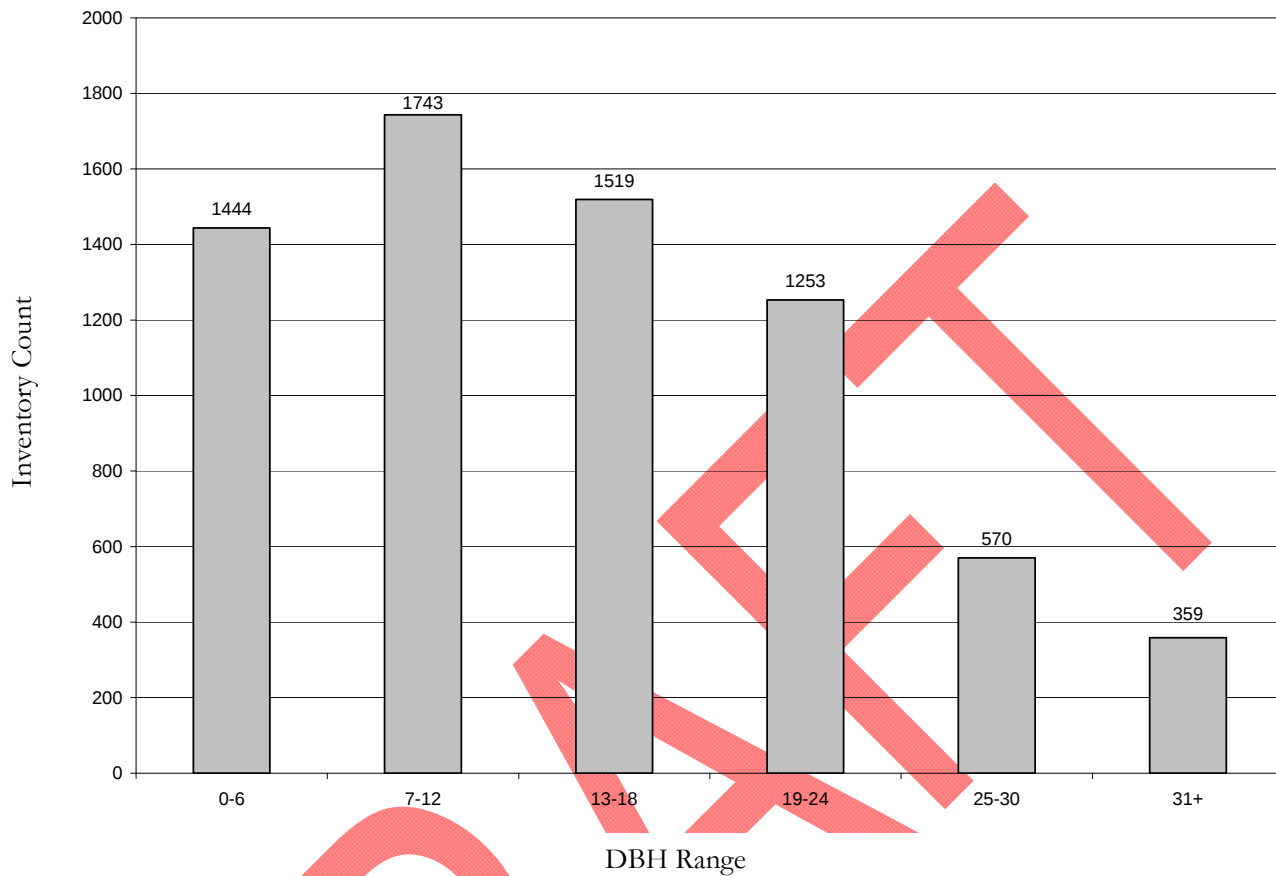


It is also important to remember that the sustainability of an urban forest is also dependent on active management of the age of the urban forest stands. Size frequency was based on the measured DBH of the tree. DBH is defined diameter at breast height, and is a standard method of expressing the diameter of the trunk of a standing tree. The range of DBH demonstrated

below is compatible with the DBH range discussed with the City of Roseville's outside contractors and will aid in projections of management costs and budget.

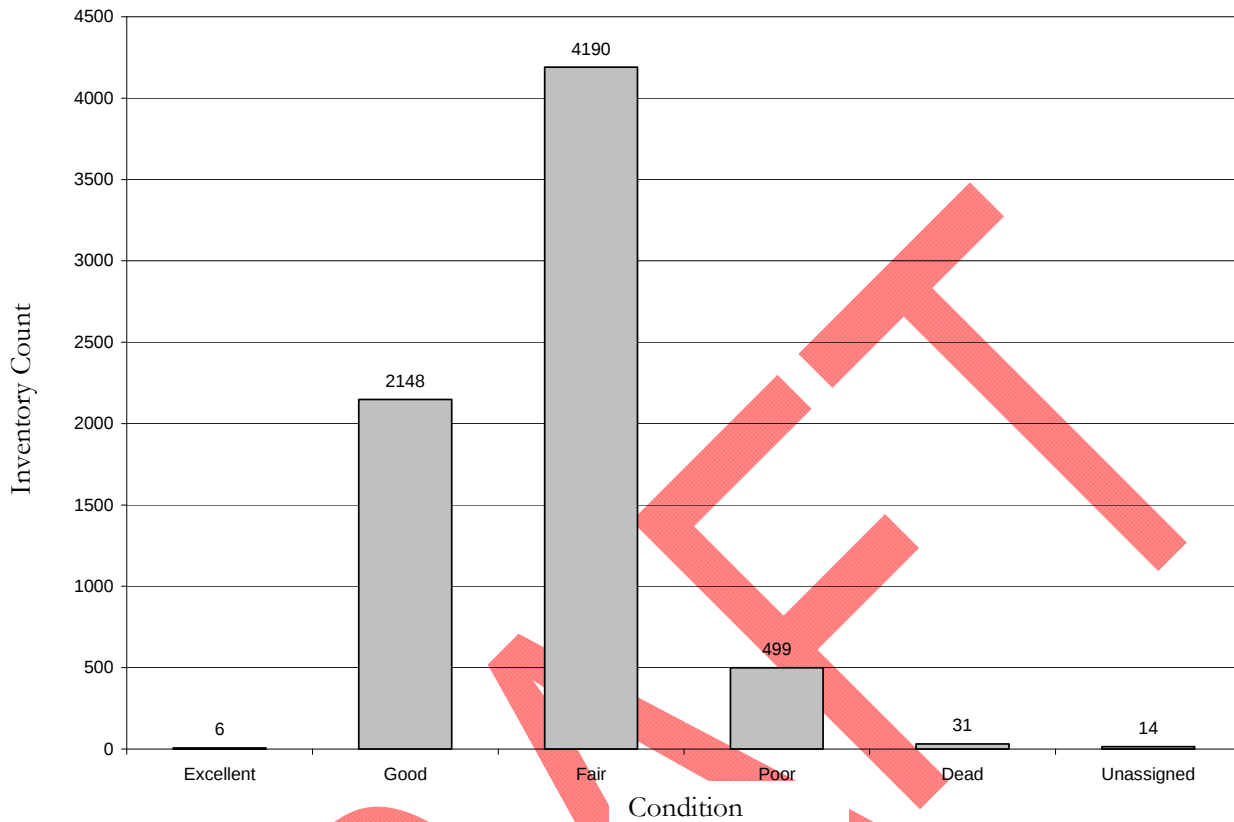
DRAFT

Public Tree Distribution by DBH Range



In addition to size, condition of the tree was inspected. The categories for condition included: excellent, good, fair, poor, and dead. An excellent tree was defined as a specimen tree, while good was defined as healthy and vigorous. Qualities of a tree in good condition include tight crown, good form, strong union, and no evidence of disease or pest problems. Fair condition was defined as generally healthy, and characteristics could include open crown and fair form. Poor condition was defined as at least 30% of tree was declining, and other signs could include girdling roots or structural damage. Lastly, dead condition was when the tree was identified as dead or nearly dead. All dead trees were reported to City staff for further inspection and maintenance.

Public Tree Distribution Based on Condition of Tree



Any tree that was identified as hazardous to any person or property was immediately reported to City staff. In general, maintenance categories included: no action necessary, routine trim/maintenance, emergency trim/maintenance, special trim/maintenance, and contact utility company for clearance. The below chart demonstrates the street tree distribution by recommended maintenance strategies.

Public Tree Distribution By Recommended Maintenance	
No Action Necessary	3201
Routine Trim/Maintenance	3519
Emergency Trim/Maintenance	19
Special Trim/Maintenance	142
Contact Utility Company for Clearance	4
Unassigned	3

Each tree was looked at in terms of their location, size, condition, and maintenance in order to recommend management strategies, and furthermore, calculate the tree's benefit and value.

Calculating Benefits & Value

Background

Inventory data collection is an ongoing process and as a result provides only a “snap shot” in time of the status of a community's urban forest. Inventory data was collected on all city streets, most of the park trees within maintained areas as well as focusing on the ash population throughout the city. Data collected did not include private trees, municipal or private wooded areas, or county roads. In addition, data for trees in wooded areas (city easements, Reservoir Woods Park, entire golf course) was not collected.

The data included in the benefits analysis were the public boulevard/street trees on city streets, as well as the ash trees in maintained areas of all the parks and municipal properties, and some additional park trees. Tree benefit analysis was run, using i-Tree software, on the data that was collected up to the analysis date of November 2011. The benefit analysis results are approximate values based on a minimum number of trees within the city.

Overview of analysis software used by Davey Tree Company

(The following italicized explanation of the benefit analysis software is from Davey Tree Company manual.)

Within i-Tree, street tree populations are assessed using Streets (formerly STRATUM). Streets is a street tree management and analysis tool for urban forest managers that uses tree inventory data to quantify the dollar value of annual environmental and aesthetic benefits: energy conservation, air quality improvement, CO2 reduction, stormwater control, and property value increase.

It's an easy-to-use, computer-based program that allows any community to conduct and analyze a street tree inventory. Baseline data can be used to effectively manage the resource, develop policy and set priorities. Using a sample or an existing inventory of street trees, this software allows managers to evaluate current benefits, costs, and management needs.

i-Tree Streets focuses on the benefits provided by a municipality's street trees. It makes use of a sample or complete inventory to quantify and put a dollar value on the street trees' annual environmental and aesthetic benefits. Streets also describe urban forest structure and management needs to help managers plan for the future.

Benefit-Cost Analysis Reports

i-Tree calculates the environmental and other benefits provided by the urban Forest. It is not intended to account to the penny for every benefit that trees produce. Reported benefits and costs are initial approximations as some benefits and costs are intangible or difficult to quantify (e.g., impacts on psychological health, crime, and violence). Also, limited knowledge about the physical processes at work and their interactions makes estimates imprecise (e.g., fate of air pollutants trapped by trees and then washed to the ground by rainfall). Tree growth and mortality rates are highly variable, and benefits and costs depend on the specific conditions at the site (e.g., tree species, growing conditions, maintenance practices). Therefore, Streets provides a general accounting of the benefits street trees provide given limited knowledge of site-specific conditions-an accounting with an accepted degree of uncertainty that can nonetheless provide a foundation on which decisions can be made. Methods used to quantify and price these benefits are described in the published series Tree Guide which correspond to the Streets climate region. There are three kinds of Benefit-Costs Reports: Annual Benefits, Management Costs, and Net Annual Benefits.

Annual Benefits: *Seven reports are available. Benefits are quantified on an annual basis and presented in terms of resource units and dollars. For sample inventories, reports show a standard error function that describes the uncertainty. Completed inventories all show NA under standard error. The public/street trees that were inventoried as of November 2011 provided an annual overall benefit of approximately **\$1,541,273** or **\$145.96** per public/street tree to the property owners in the city of Roseville.*

Energy: *The Energy report presents the contribution of the urban forest toward conserving energy in terms of reduced natural gas use in winter (measured in therms or gigajoules) and reduced electricity use for air conditioning in summer (measured in kilowatt-hours or gigajoules). The public/street trees reduced energy costs citywide by approximately \$334,611 or \$31.69 per public/street tree.*

Stormwater: *The Stormwater report presents the reductions in annual stormwater runoff due to rainfall interception by trees (measured in gallons or cubic meters). Total rainfall intercepted by the public/street trees was 60,434 cu.m. providing an annual benefit of approximately \$432,652 or \$40.97 per public/street tree.*

Air Quality: *The Air Quality report quantifies the air pollutants (O_3 , NO_2 , SO_2 , PM_{10}) deposited on tree surfaces and reduced emissions from power plants (NO_2 , PM_{10} , VOCs, SO_2) due to reduced electricity use (measured in pounds or kilograms). Also reported are the potential negative effects of trees on air quality due to BVOC emissions. Overall air quality benefit provided by the public/street trees is \$53,477 or \$5.06 per public/street tree.*

Carbon Dioxide: The Carbon Dioxide report presents annual reductions in atmospheric CO₂ due to sequestration (absorption of CO₂) by trees and reduced emissions from power plants due to reduced energy use (in pounds or kilograms). The model accounts for CO₂ released as trees die and decompose and CO₂ released during the care and maintenance of trees.

Carbon Stored: Whereas, the above report quantifies annual CO₂ reductions, the Carbon Stored report tallies all of the carbon dioxide stored in the urban forest over the life of the trees as a result of sequestration (absorption of CO₂) (in pounds or kilograms). It should not be added to the Carbon Dioxide value or double-counting will occur. The public/street trees inventoried at the time of the analysis absorbed approximately 21,675,204 kg of CO₂ providing a benefit of approximately \$358,392 citywide or \$33.92 per public/street tree.

Aesthetic/Other: The Aesthetic/Other report presents the tangible and intangible benefits of trees reflected in increases in property values (in dollars). Citywide the inventoried public/street trees increase property value by approximately \$362,141 or \$34.30 per tree.

Summary: the Summary report presents the annual total of energy, stormwater, air quality, carbon dioxide, and aesthetic/other benefits. Values are dollars per tree or total dollars.

Table 01: Total Annual Benefits for City of Roseville Public/Street Trees (using data from completed inventory Nov 2011).

Benefits	Total (\$)	\$/Tree
Energy	334,611	31.69
Stored CO ₂	358,392	33.94
Air Quality	53,477	5.06
Stormwater	432,652	40.97
	362,141	34.30
Aesthetic/Other		
Total Benefits	1,541,273	145.96

Replacement Values

Replacement Values are estimates of the full cost of replacing trees in their current condition, should they be removed for some reason. Replacement values are based on the Council of Tree and Landscape Appraisers (CTLA) Guide for Plant Appraisal, which uses trunk formula methodology. The CTLA is a widely accepted methodology used by arborists for determining landscape tree replacement value based on regional species ratings, condition, location in the landscape, cross-sectional area of the trunk and regional replacement costs. Species ratings, replacement costs, and basic prices were obtained for each species in each reference city from regional appraisal guides. Because of the approximations used in these calculations, replacement values are first-order estimates for the population and are not intended to be definitive on a tree-by-tree basis.

The Replacement Value of the public/street trees in the City of Roseville used in the November 2011 analysis is approximately \$10,151,136.

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DESIGN CRITERIA

Design Criteria Guiding Principles for Planting on Community Streets

The first challenge for a community is to understand the many benefits that trees provide. The second challenge is to understand the many factors that need to be considered when a community plants trees. Tree species diversity, composition and the design implications are all components of community design criteria. It is a well known fact that if a community has a diverse tree population it will be better able to tolerate environmental impacts from tree pests. Tree canopy loss will be minimized. The tree planting model 30-20-10 (Santamour) is often discussed as the approach a community should strive to achieve to ensure species diversity. This approach recommends that no more than 30% of any one family, 20% of any one genus, and 10% of any one species should be planted.

Tree Palette

We have identified 24 different genera of trees for planting on the boulevard and in public spaces throughout the community, thus ensuring an even greater increase in species diversity (see Appendices for full list). Specific species within some of the genera were not identified on purpose, in part to allow for even greater diversity. This also allows for some additional flexibility in species selection to address possible planting site issues.

Table 02: Recommended tree genera:

Recommended Public Trees

1. Basswood/Linden
2. Birch
3. Catalpa
4. Elm
5. Hackberry
6. Hickory
7. Honeylocust
8. Kentucky Coffeetree
9. Maple (not boxelder or silver)
10. Oak
11. Aspen
12. Corktree
13. Buckeye
14. Ornamentals trees used in a variety of special circumstances such as under overhead wires. Several species would be considered: Serviceberry, Japanese Lilac, Magnolia (in a

protected area), Redbud, Pagoda dogwood (although disease prone), Black Alder, Blue Beech, Ohio Buckeye, Mountain Ash, Thornless Hawthorn, Ironwood.

When a tree pest causes devastating tree mortality it is usually because the pest is non-native and does not have a natural predator. As a result communities will no longer plant that species nor will tree nurseries sell that tree. Years later a new cultivar emerges that is resistant to the pest. For example: elm trees and Dutch elm disease. Therefore the above list is recommended at this time. As science evolves we may have an Emerald ash borer resistant variety of ash.

As part of the tree distribution, each genus was given a color code. It was determined that the maximum linear distance of a single genera to be planted on a boulevard would be approximately 500 feet. Computer software with color coding and a defined length was allowed to randomly distribute and then map the tree varieties throughout the entire community. A review of the map was done to try to eliminate some clumping of genera. The maps are found in the “PROPOSED TREE DISTRIBUTION MAPS” section of this document. The areas used in mapping the City align with the Constellation Areas as approved in the Parks and Recreation Master Plan.

Note: Exceptions or modification to the Distribution Maps will be addressed on an as needed basis.

Planting of park trees are not included in this formula, but rather are selected by other factors, including but not limited to surrounding vegetation, function, site conditions, etc.

Tree Characteristics

The following pages are plant information sheets for each genera identified in the Tree Palette section.

Little-leaf Linden

Code: TICO

Family: Tiliaceae

Tilia cordata

Non-native



Photos: Dave Hanson

Leaves: alternate, simple, 1½-3" long, ovate to heart shaped, sharp fine serrate edges.

Twigs: slender, green-brown or red-tinged, buds brownish.

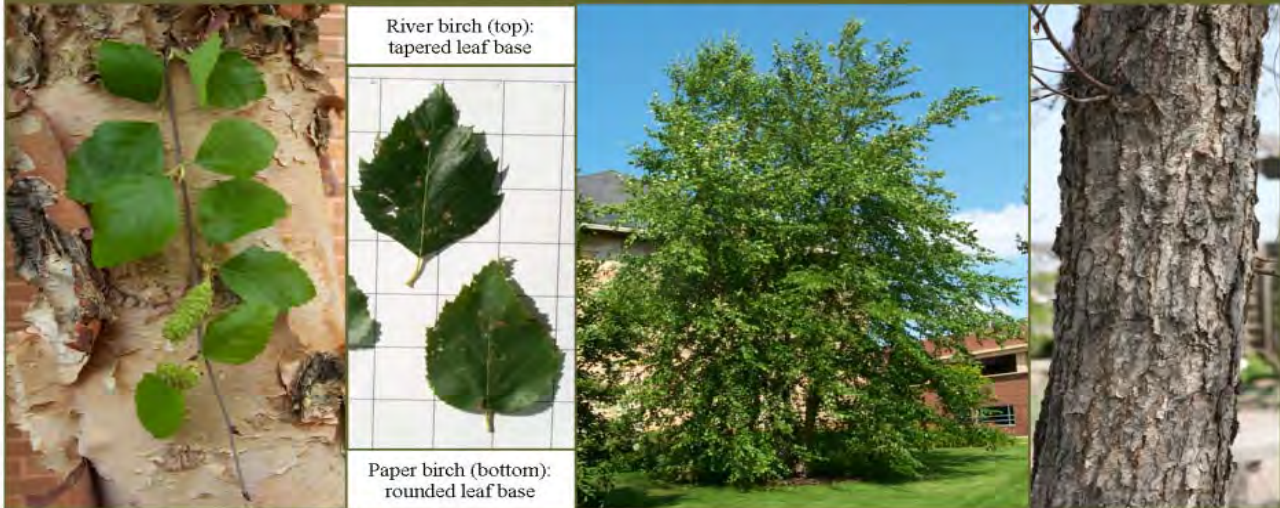
Bark: gray - brown, ridged, shallow furrows. **Fruit:** round nutlets under a bract, slightly ridged.

River Birch

Code: BENI

Family:
Betulaceae

Betula nigra
a.k.a. Red Birch



Photos: Dave Hanson

Leaves: alternate, simple, doubly toothed margins, triangular or wedge leaf base.

Twigs: reddish-brown twigs, prominent lenticels. Shiny male catkins are present at twig ends.

Bark: coppery to pinkish peeling bark in youth, matures to be dark gray and coarse.

OK

American Elm

Code: ULAM

Family:
Ulmaceae

Ulmus americana
a.k.a. white elm



Photos: Dave Hanson

Leaves: alternate, simple, 3-6" long, doubly serrate edges, strongly uneven base, pointed tip.

Fruit: $\frac{3}{8}$ " - $\frac{1}{2}$ ", papery samara, oval wing, deeply notched tip, hairy; **Buds:** pointed, not hairy.

Bark: grayish, with deep furrowed ridges - in cross-section alternating layers of red and white.

OK

Hackberry

Code: CEOC

Family:
Ulmaceae

Celtis occidentalis



Photos: Dave Hanson

Leaves: alternate, simple, singly toothed, uneven base; ovate in shape, nipple gall is common.

Twigs: twigs slender, zigzagged. **Pith:** chambered. **Fruit:** $\frac{1}{4}$ - $\frac{3}{8}$ " single, purple berry-like drupe.

Bark: grayish, with distinct corky ridges. **Form:** medium to large tree at 40-70', rounded crown.

OK

Shagbark Hickory

Code: CAO V

Family:
Juglandaceae

Carya ovata



Photos: Dave Hanson

Leaves: alternate, pinnately compound, 5-7 lance-shaped leaflets, finely toothed, ciliated margins.

Twigs: gray, red-brown, lenticels, stout, large terminal buds. **Fruit:** 1¼-2½" green 4-parted husk.

Bark: smooth and gray in youth, with age bark plates lift to become very shaggy (shagbark).

OK

Honeylocust

Code: GLTR

Family:
Caesalpiniaceae

Gleditsia triacanthos

Typically sold as variety 'Inermis' (without thorns).



Photos: Dave Hanson

Leaves: alternate, compound pinnately and bipinnately, 15-30 small leaflets.

Twigs: reddish/brown and may have thorns. **Fruit:** 6-18" long, 1" wide, brown twisted pods.

Bark: reddish/brown scaly ridges, a "cracking" appearance - may have sharp, 3-branched thorns.

OK

Kentucky Coffeetree

Code: GYDI

Family:
Caesalpiniaceae

Gymnocladus dioica



Photos: Dave Hanson

Leaves: alternate, bipinnately (doubly) compound, 12-36" long with 6-15 leaflets.

Twigs: stout, inconspicuous buds. **Fruit:** 4-10" long, 1½-2" wide, dark red-brown seed pod.

Bark: Gray/brown rough fissured, edges lifting/curling. **Pith:** large, soft, salmon colored.

OK

Sugar Maple

Code: ACSA2

Family:
Aceraceae

Acer saccharum



Photos: Dave Hanson

Leaves: opposite, simple, 3-6" long, 3-5 pointed lobes; "U" sinuses, coarsely toothed margins.

Twigs: brown, pointed buds. **Fruit:** 1-1 1/4" long, paired; horseshoe shape, green turning brown.

Bark: Young gray/brown and smooth; Becomes dark and deeply furrowed when older.

OK

Red Maple

Code: ACRU

Family:
Aceraceae

Acer rubrum



Spring
maturing
double
samara



Photos: Dave Hanson

Leaves: opposite, simple, 2-4" long, 3 up to 5 pointed lobes; "V" sinuses and toothy margins.

Twigs: reddish with red buds. **Fruit:** ¾-1" long paired (two winged) seeds; red turning to brown.

Bark: Young trees have smooth gray bark, becoming dark gray and rough when older.

OK

Northern Red Oak

Code: QURU

Family:
Fagaceae

Quercus rubra



Photos: Dave Hanson

Leaves: alternate, simple, 4-9" long, 7-11 bristle-tipped lobes, sinuses cut ½ way to midrib.

Fruit: ⅝" to 1⅛" acorn, shallow cap, scales pubescent, acorns mature autumn of second season.

Bark: gray to red-brown, smooth, shiny, becoming grayish flat-topped ridges, deeply furrowed.

DRY

White Oak

Code: QUAL

Family:
Fagaceae

Quercus alba



Photos: Dave Hanson

Leaves: alternate, simple, 4-9" long, 5-9 rounded lobes, sinuses nearly uniform in depth.

Fruit: acorn, $\frac{3}{8}$ " to $1\frac{1}{4}$ " acorns, cap covers top $\frac{1}{4}$ - $\frac{1}{3}$, acorn is attached via a $\frac{1}{4}$ " stalk.

Bark: Light ashy-gray, narrow vertical ridges, with age breaks into blocky, irregular shapes.

OK

Ohio buckeye [Hippocastanaceae](#) [Aesculus](#) *glabra* Willd. symbol: AEGL



Leaf: Opposite, palmately compound with 5 leaflets, oval to obovate leaflets are 3 to 6 inches long with a serrated margin, rachis about as long as leaflets, dark green above and paler below. Strong fetid odor when crushed.

Flower: Light yellow, in large, 4 to 7 inch, showy, upright clusters, stamens longer than petals, appear in spring.

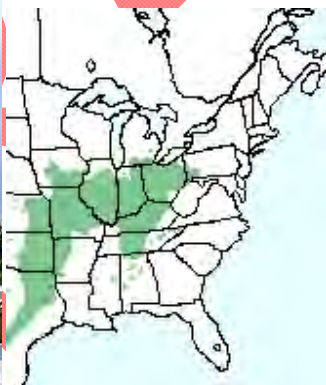
Fruit: Prickly, leathery husk enclosing usually 1 smooth chestnut brown seed (1 to 1 1/2 inches in diameter). Borne on a stout stalk and mature in fall.

Twig: Stout, with a large shield-shaped leaf scar; fetid odor when broken; terminal buds are large, orangish brown with keeled scales; opposite lateral buds are much smaller.

Bark: Initially smooth, ashy gray but later developing corky, scaly patches, becoming quite rough and darker gray.

Form: Upright, medium sized tree, 60 to 80 feet tall, 2 feet in diameter. Oblong crown with pendulous up turning branches.

Looks like: [yellow buckeye](#) - [horsechestnut](#) - [red buckeye](#)



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and Environmental Conservation,
all rights reserved.

Photos and Text by: John Seiler,
Edward Jensen, Alex Niemiera,
and John Peterson.

External Links: [USDAFS Silvics of North America](#) [USDA Plants Database](#) [Horticulture](#)

Additional Range Information: *Aesculus glabra* is native to North America. Range may be expanded by planting.

PROPOSED TREE DISTRIBUTION MAPS

DRAFT
MAPS



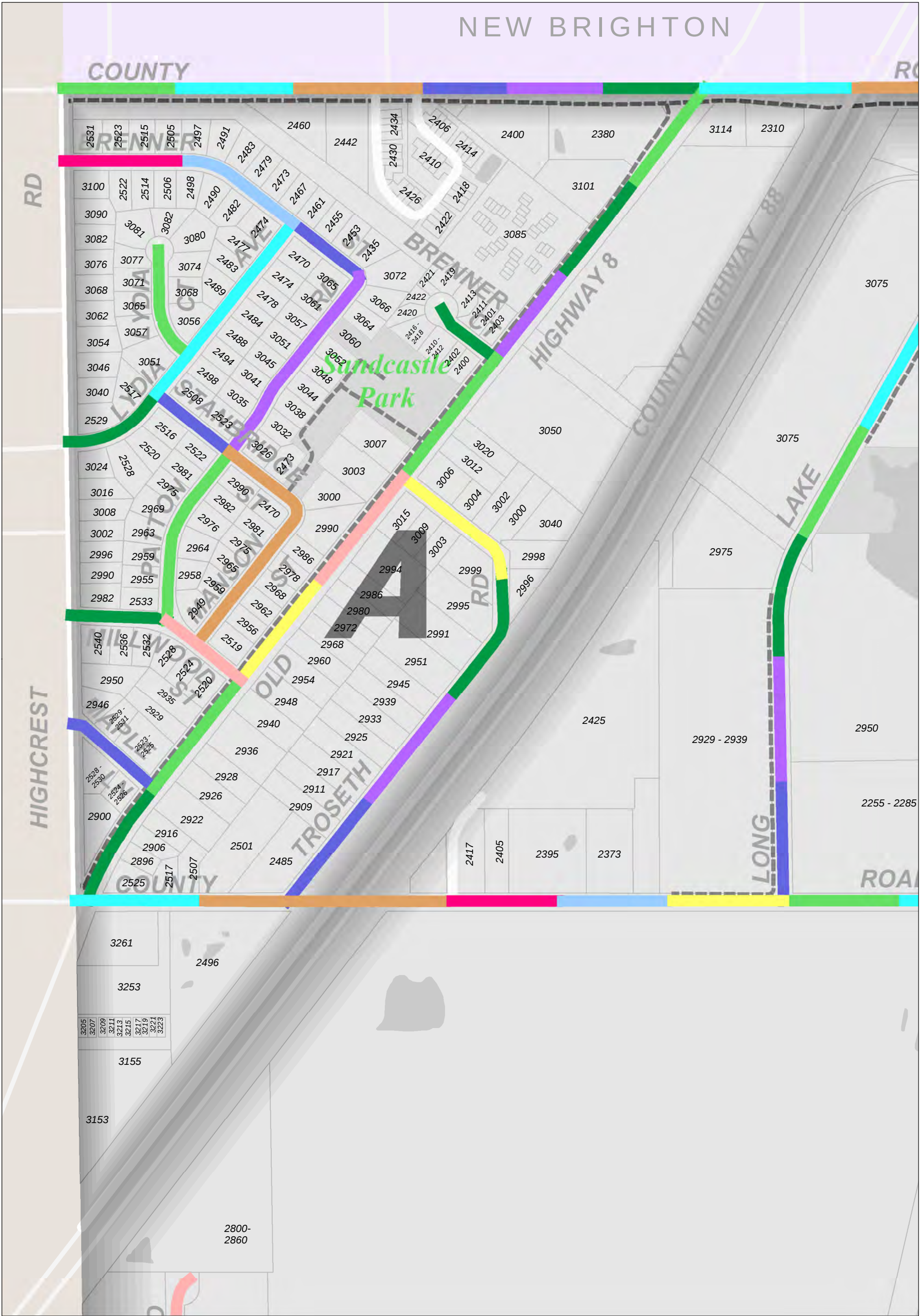
Proposed Tree Distribution Map

- Basswood/Linden
- Birch
- Elm
- Hackberry
- Hickory
- Honeylocust
- Kentucky Coffeetree
- Maple (Red and Sugar)
- Oak
- Buckeye
- Other
- Constellations
- Pathways/Trails

Data Sources and Contacts:
 * Ramsey County GIS Base Map (7/2/12)
 * City of Roseville Engineering Department
 For further information regarding the contents of this map contact:
 City of Roseville, Engineering Department,
 2600 Civic Center Drive, Roseville MN

Prepared by:
 Parks & Recreation Department
 September 12, 2012

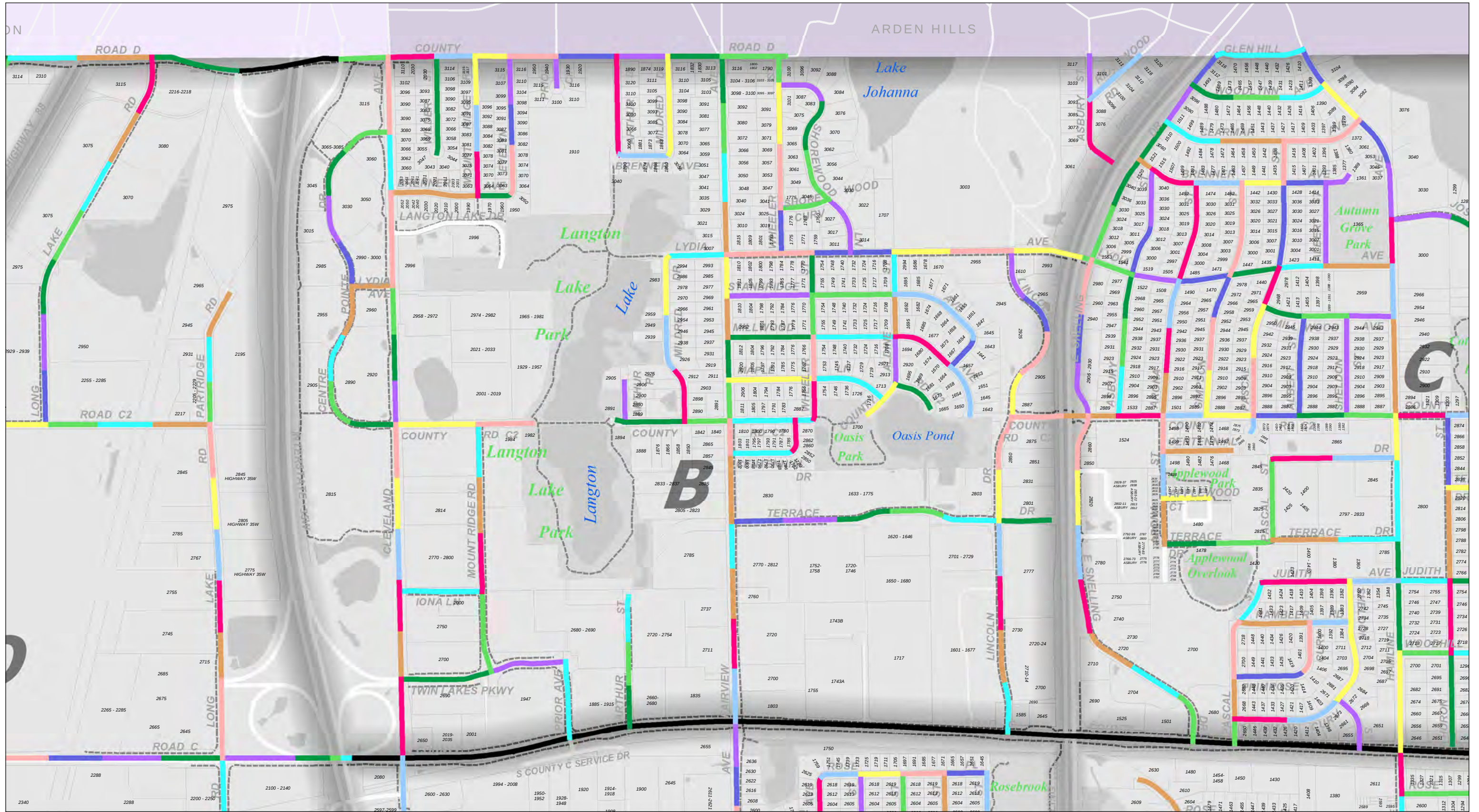




Proposed Tree Distribution Map

- | | | |
|-----------------|-----------------------|-----------------|
| Basswood/Linden | Keytucky Coffeetree | Constellations |
| Birch | Maple (Red and Sugar) | Pathways/Trails |
| Elm | Oak | |
| Hackberry | Buckeye | |
| Hickory | Other | |
| Honeylocust | | |

Constellation A



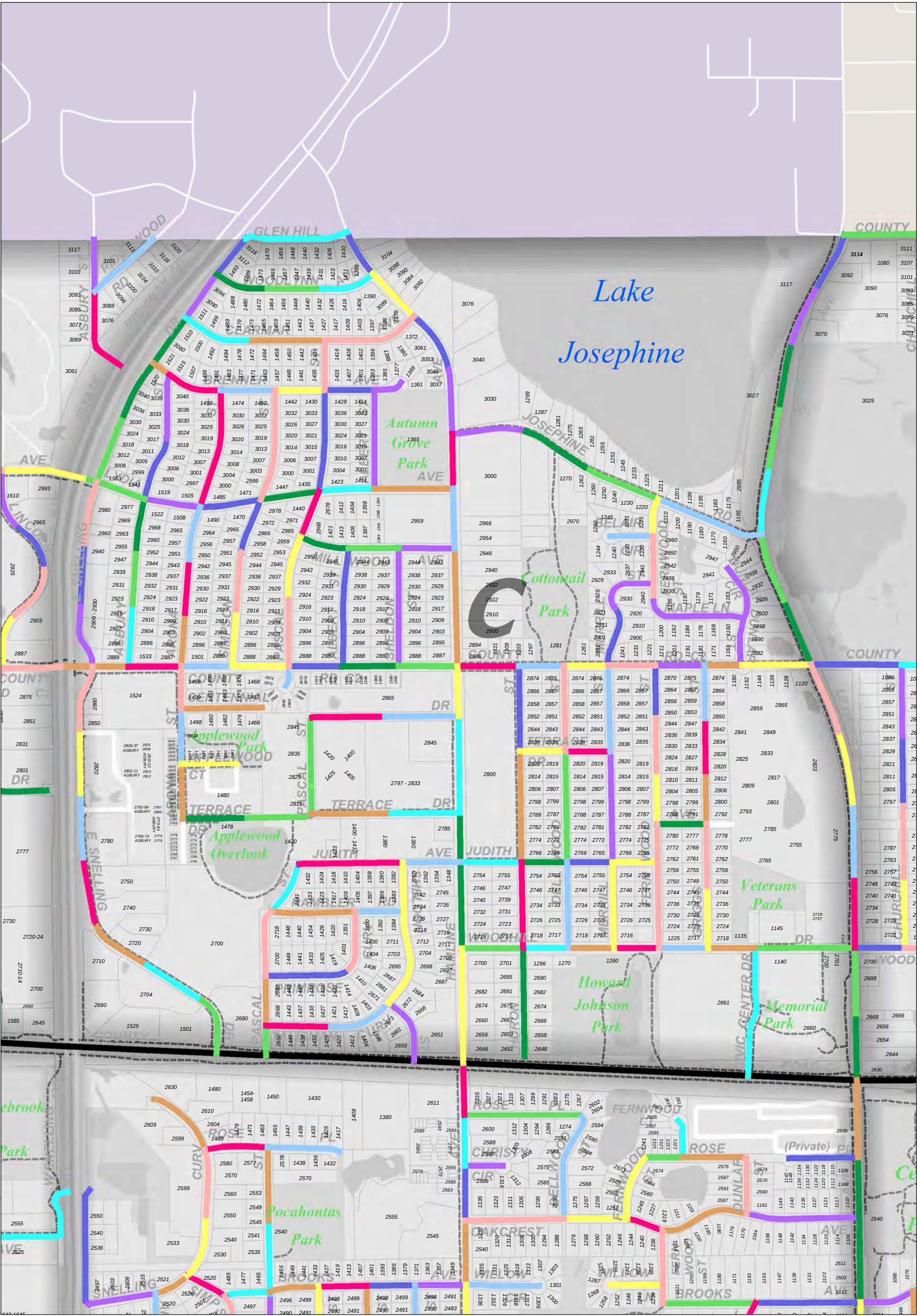
Proposed Tree Distribution Map

- | | | | |
|-----------------|-----------------------|---------|-----------------|
| Basswood/Linden | Hickory | Oak | Constellations |
| Birch | Honeylocust | Buckeye | Pathways/Trails |
| Elm | Kentucky Coffeetree | Other | |
| Hackberry | Maple (Red and Sugar) | | |

Constellation B

Prepared by:
Parks & Recreation Department
September 12, 2012





Proposed Tree Distribution Map

Basswood/Linden

Birch

Elm

Hackberry

Hickory

Honeylocust

Keytucky Coffeetree

Maple (Red and Sugar)

Oak

Buckeye

Other

Constellations

Pathways/Trails

Constellation C

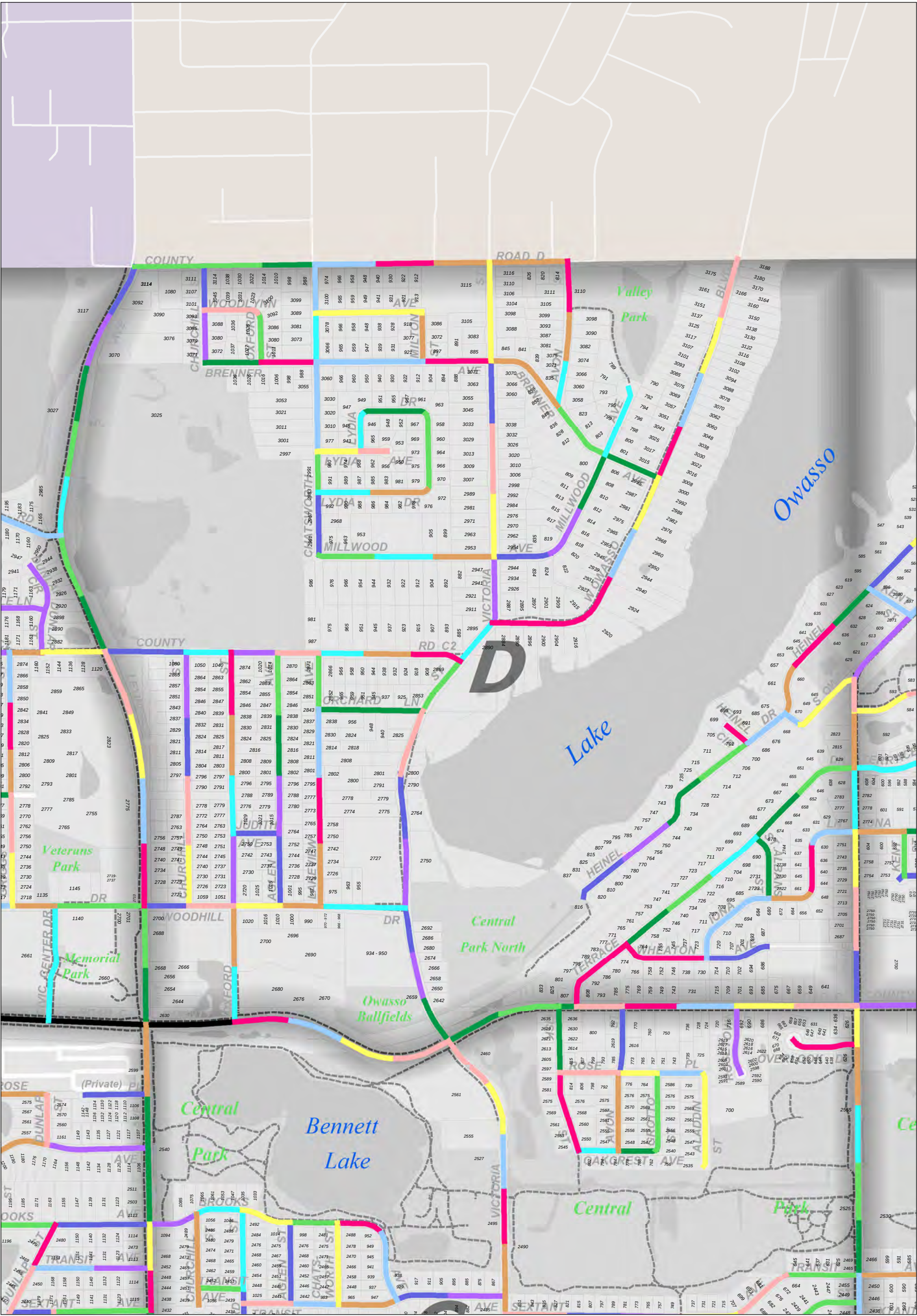
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N



Roseville
Parks & Recreation Department

Prepared by:
Parks & Recreation Department
November 27, 2012



Proposed Tree Distribution Map

Basswood/Linden

Birch

Elm

Hackberry

Hickory

Honeylocust

Keyctucky Coffeetree

Maple (Red and Sugar)

Oak

Buckeye

Other

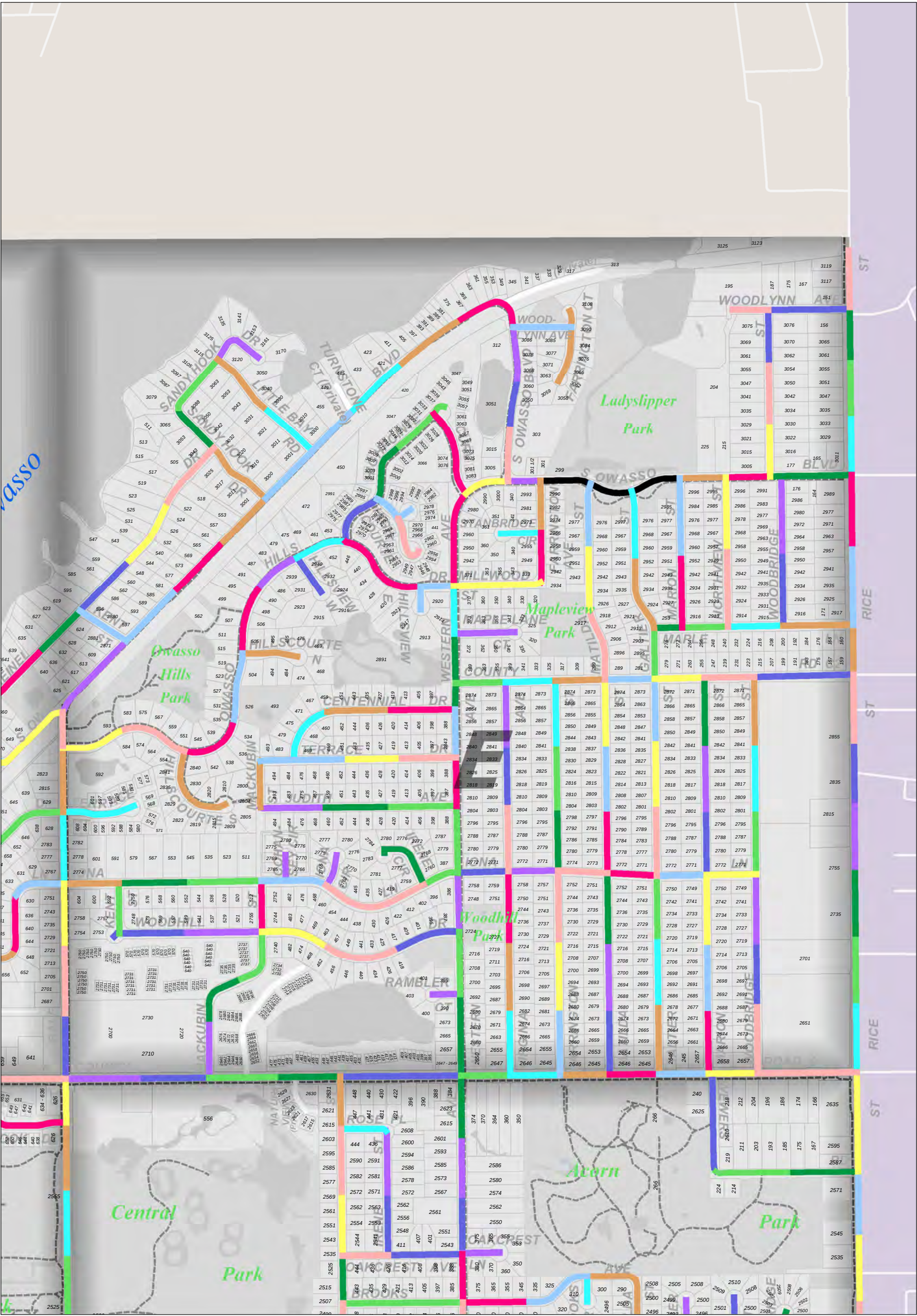
Constellations

Pathways/Trails

Constellation D

Prepared by:
Parks & Recreation Department
November 27, 2012





Proposed Tree Distribution Map

- Basswood/Linden

Birch

Elm

Hackberry

Hickory

Honeylocust

Keytucky Coffeetree

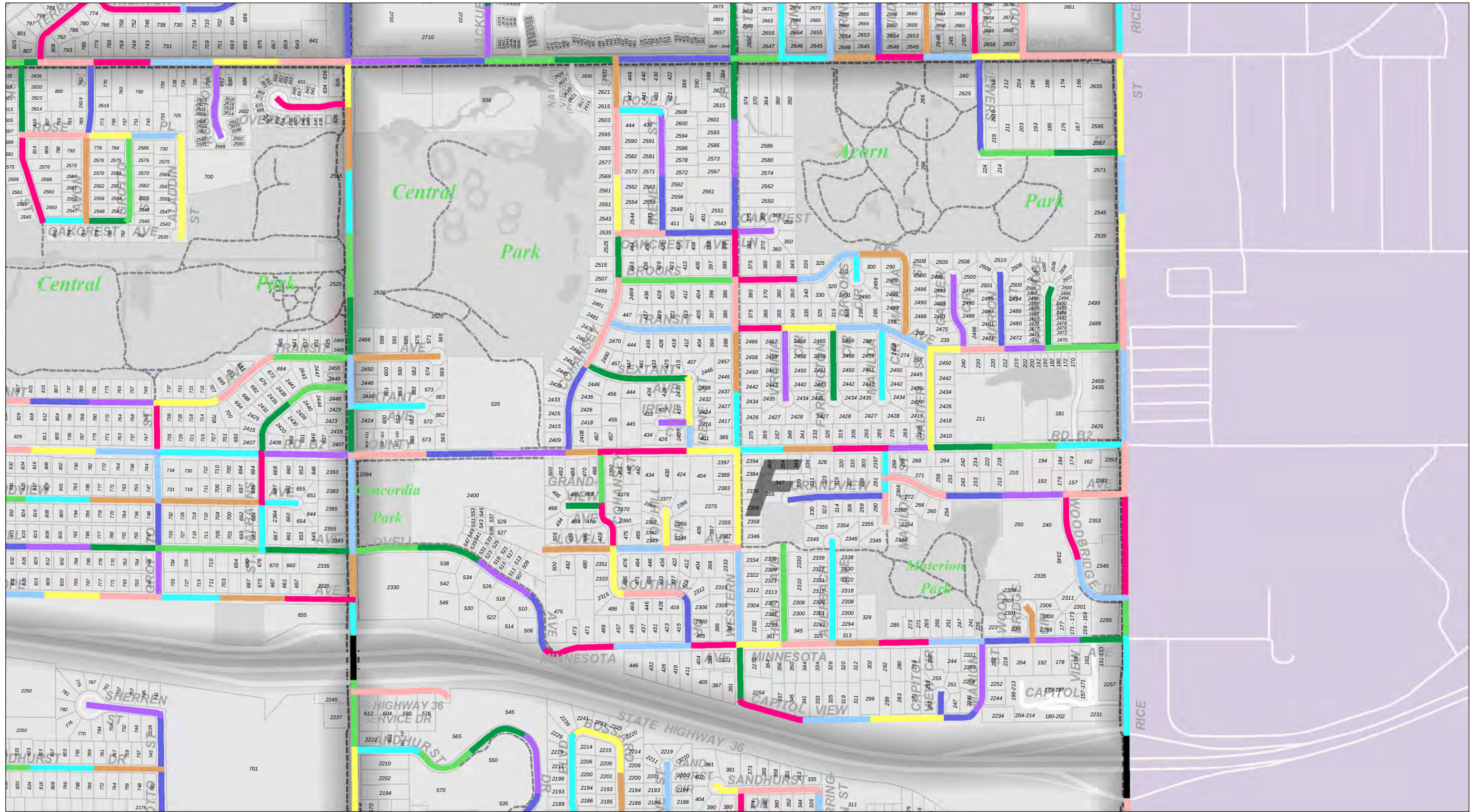
Maple (Red and Sugar)

Oak

Buckeye

Other
- Constellations

Pathways/Trails
- Constellation E



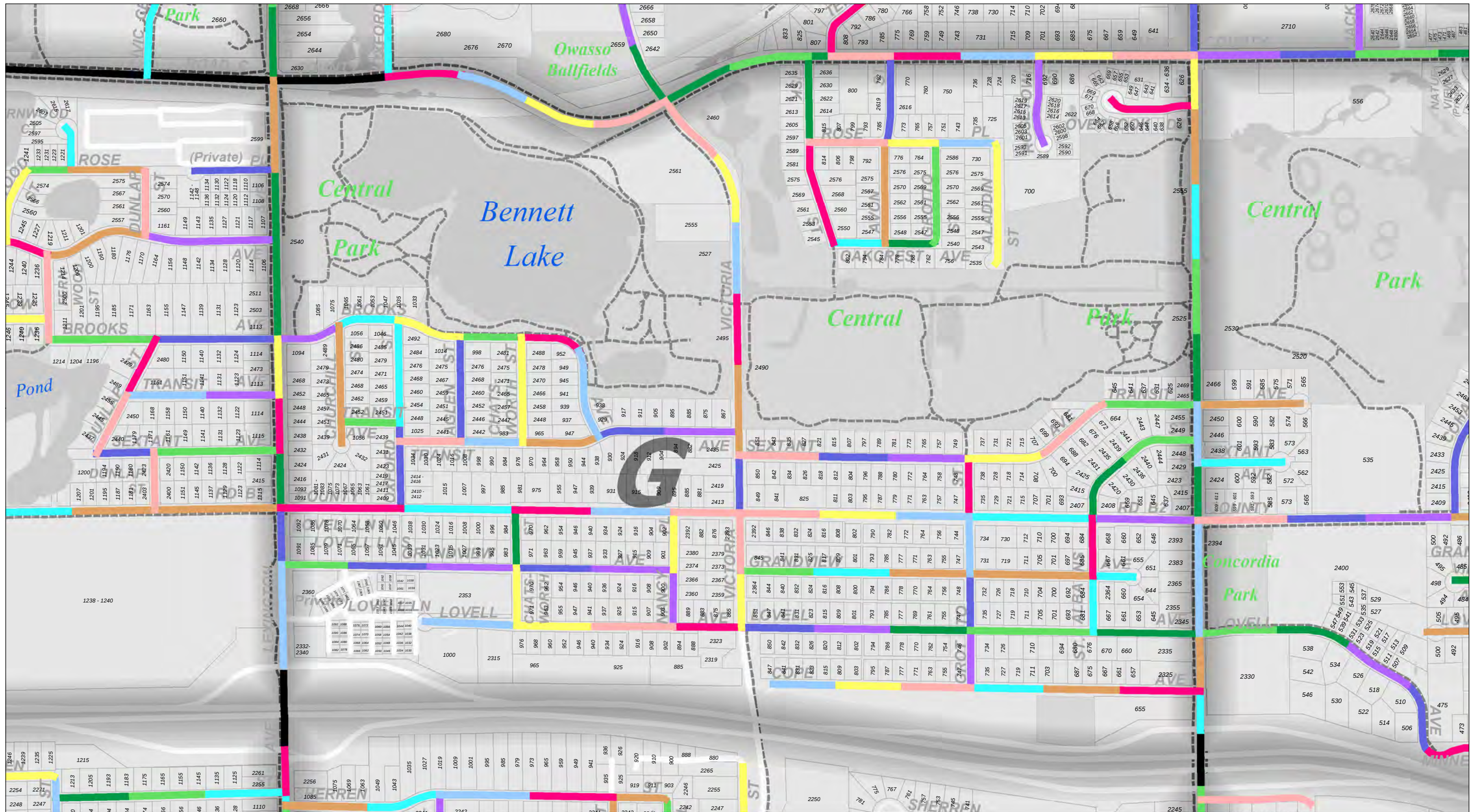
Proposed Tree Distribution Map

- | | | | |
|-----------------|-----------------------|---------|-----------------|
| Basswood/Linden | Hickory | Oak | Constellations |
| Birch | Honeylocust | Buckeye | Pathways/Trails |
| Elm | Kentucky Coffeetree | Other | |
| Hackberry | Maple (Red and Sugar) | | |

Constellation F

Prepared by:
Parks & Recreation Department
September 12, 2012





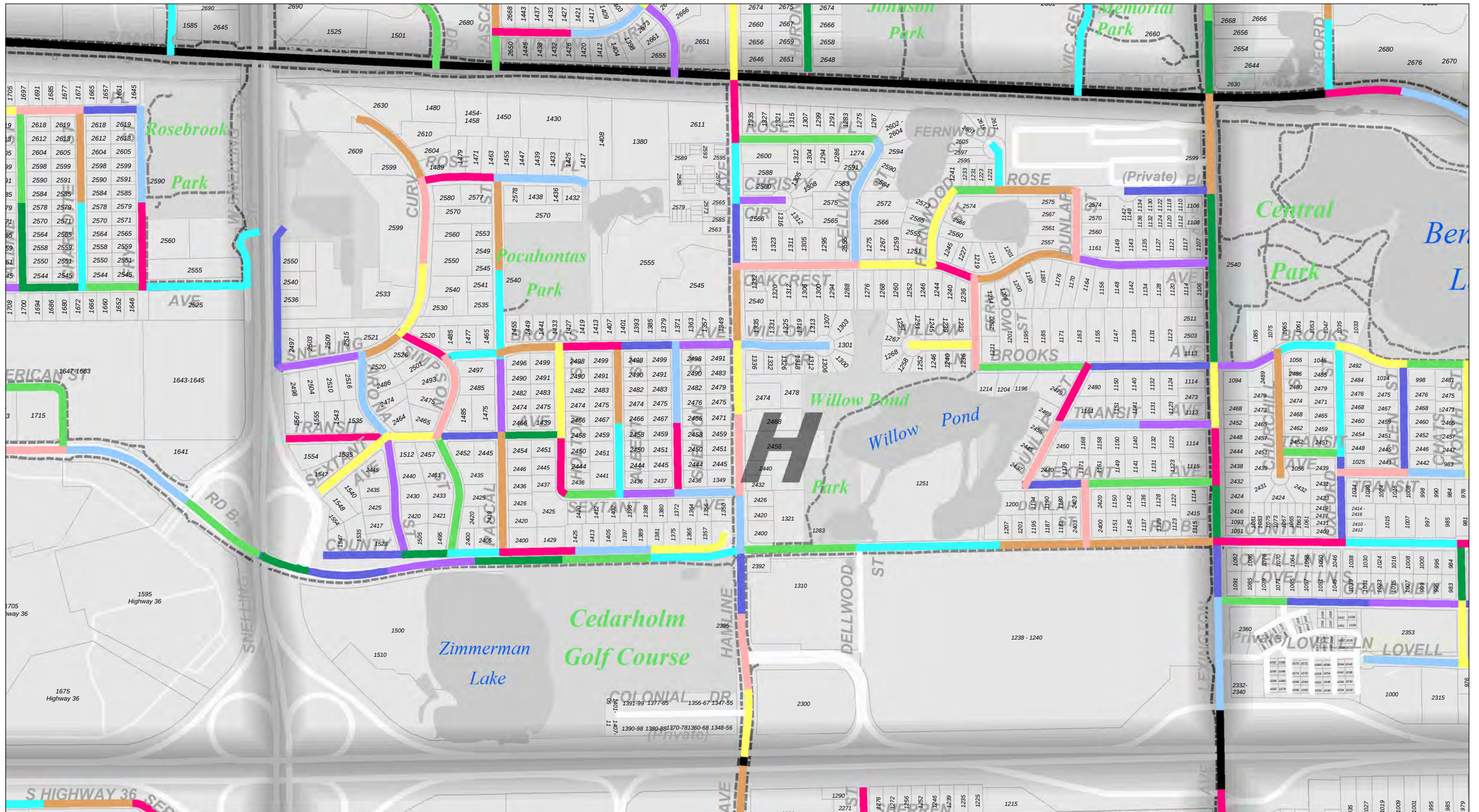
Proposed Tree Distribution Map

- | | | | |
|-----------------|-----------------------|---------|-----------------|
| Basswood/Linden | Hickory | Oak | Constellations |
| Birch | Honeylocust | Buckeye | Pathways/Trails |
| Elm | Kentucky Coffeetree | Other | |
| Hackberry | Maple (Red and Sugar) | | |

Constellation G

Prepared by:
Parks & Recreation Department
September 12, 2012





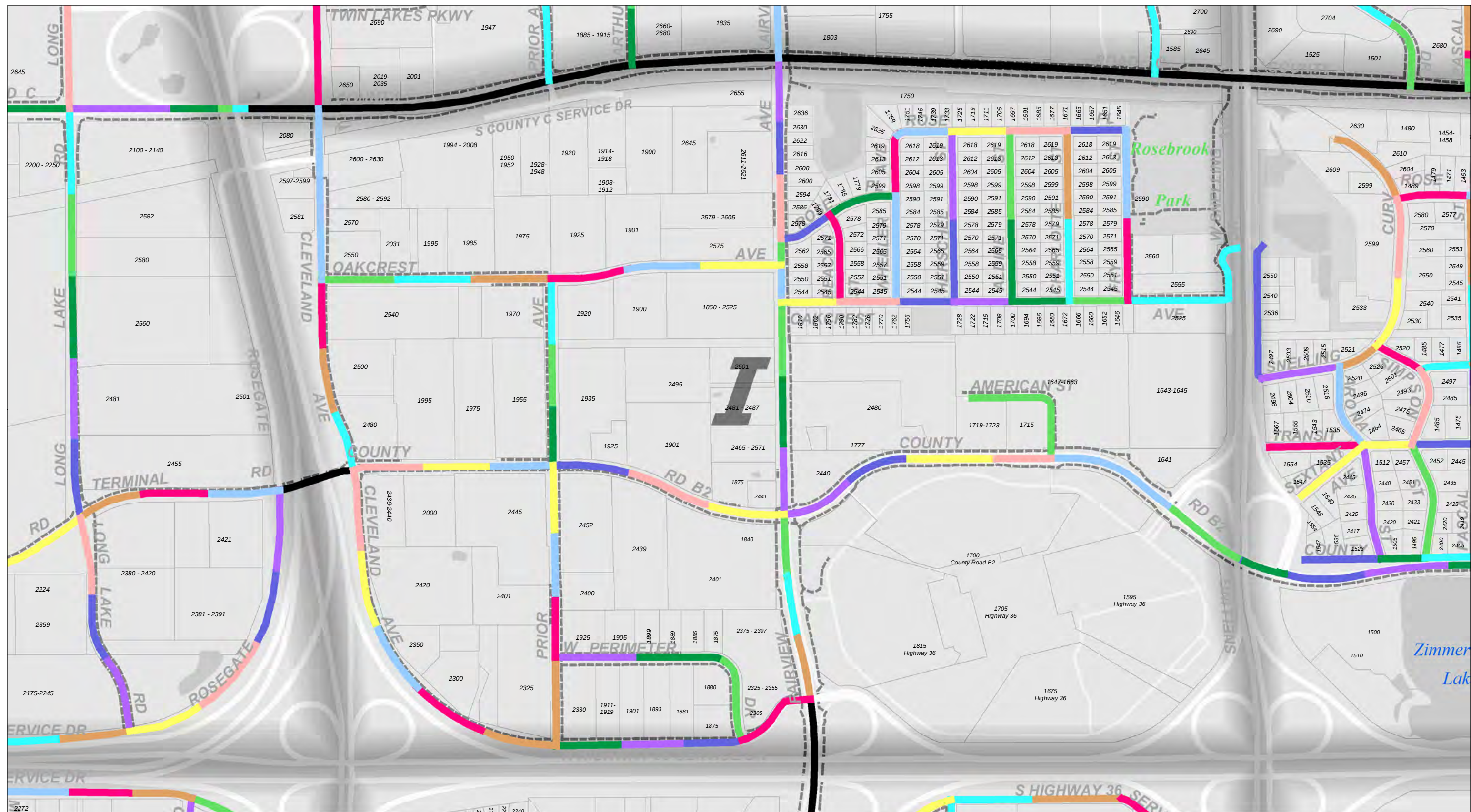
Proposed Tree Distribution Map

- Basswood/Linden
- Birch
- Elm
- Hackberry
- Hickory
- Honeylocust
- Kentucky Coffeetree
- Maple (Red and Sugar)
- Oak
- Buckeye
- Other
- Constellations
- Pathways/Trails

Constellation H

Prepared by:
Parks & Recreation Department
September 12, 2012





Proposed Tree Distribution Map

- | | | |
|---|--|---|
| — Basswood/Linden | — Hickory | — Oak |
| — Birch | — Honeylocust | — Buckeye |
| — Elm | — Kentucky Coffeetree | — Other |
| — Hackberry | — Maple (Red and Sugar) | |

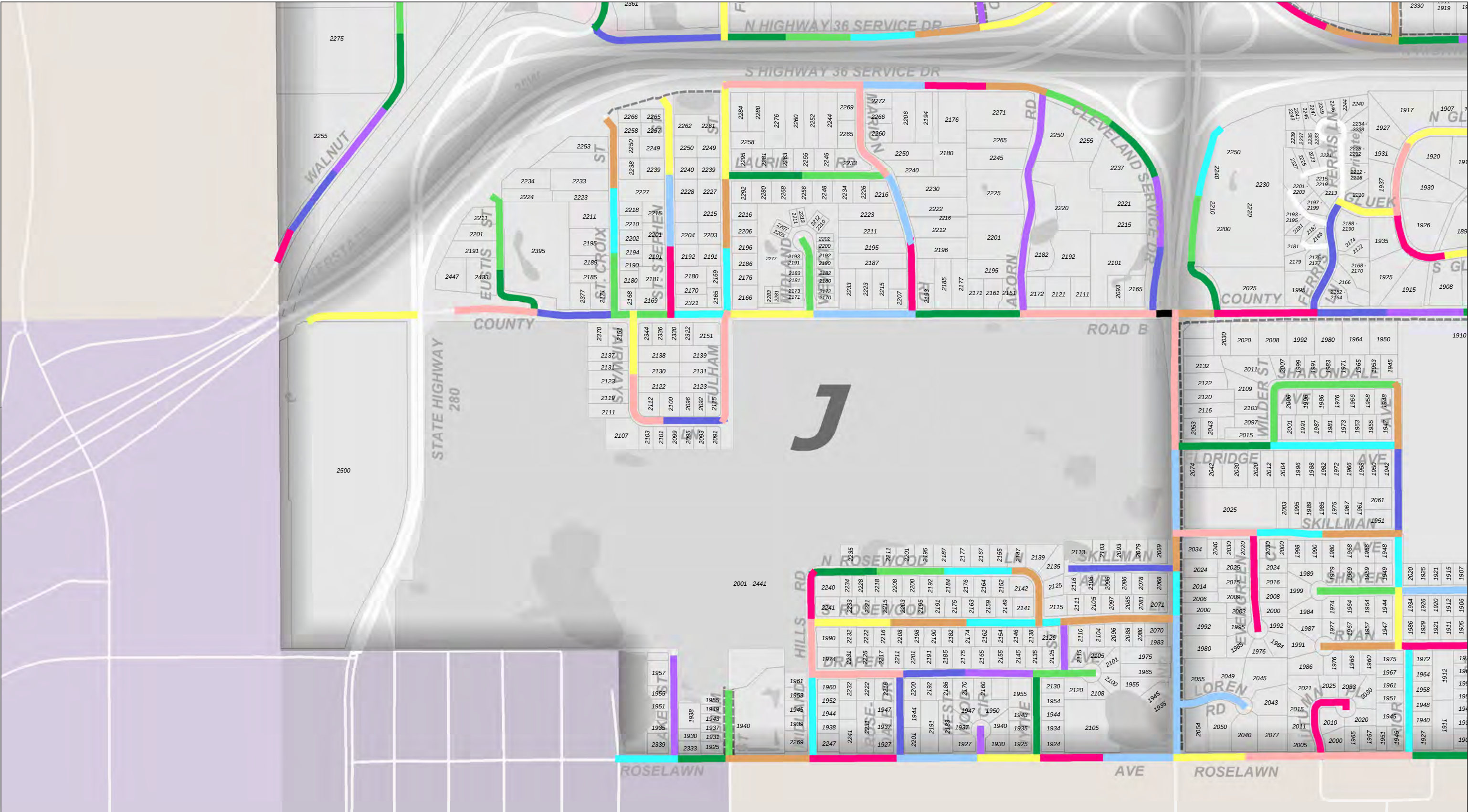
- | |
|---|
| Constellations |
| Pathways/Trails |

Constellation I



Prepared by:
Parks & Recreation Department
September 12, 2012





Proposed Tree Distribution Map

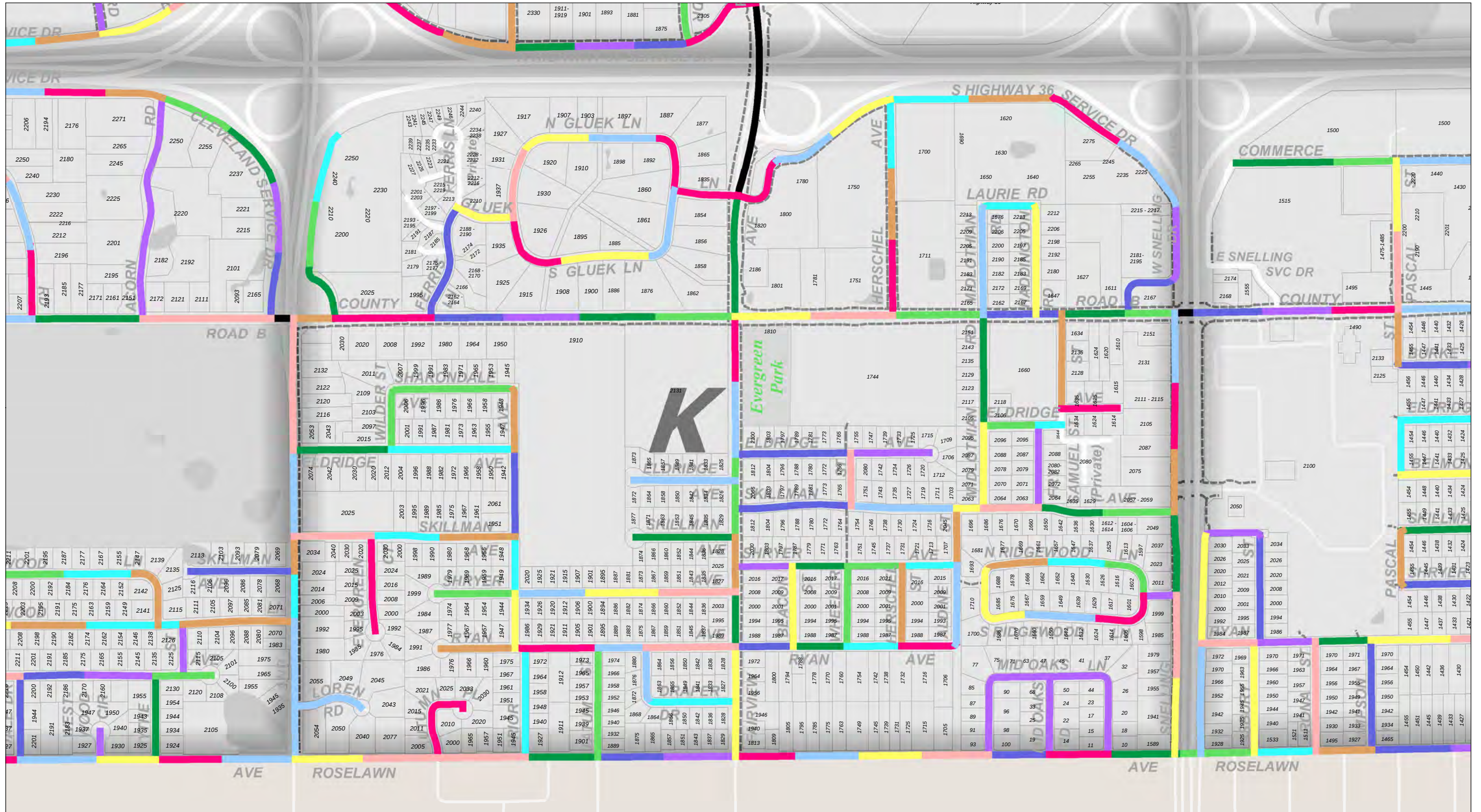
- | | | | |
|-----------------|-----------------------|---------|-----------------|
| Basswood/Linden | Hickory | Oak | Constellations |
| Birch | Honeylocust | Buckeye | Pathways/Trails |
| Elm | Kentucky Coffeetree | Other | |
| Hackberry | Maple (Red and Sugar) | | |

Constellation J



Prepared by:
Parks & Recreation Department
September 12, 2012





Proposed Tree Distribution Map

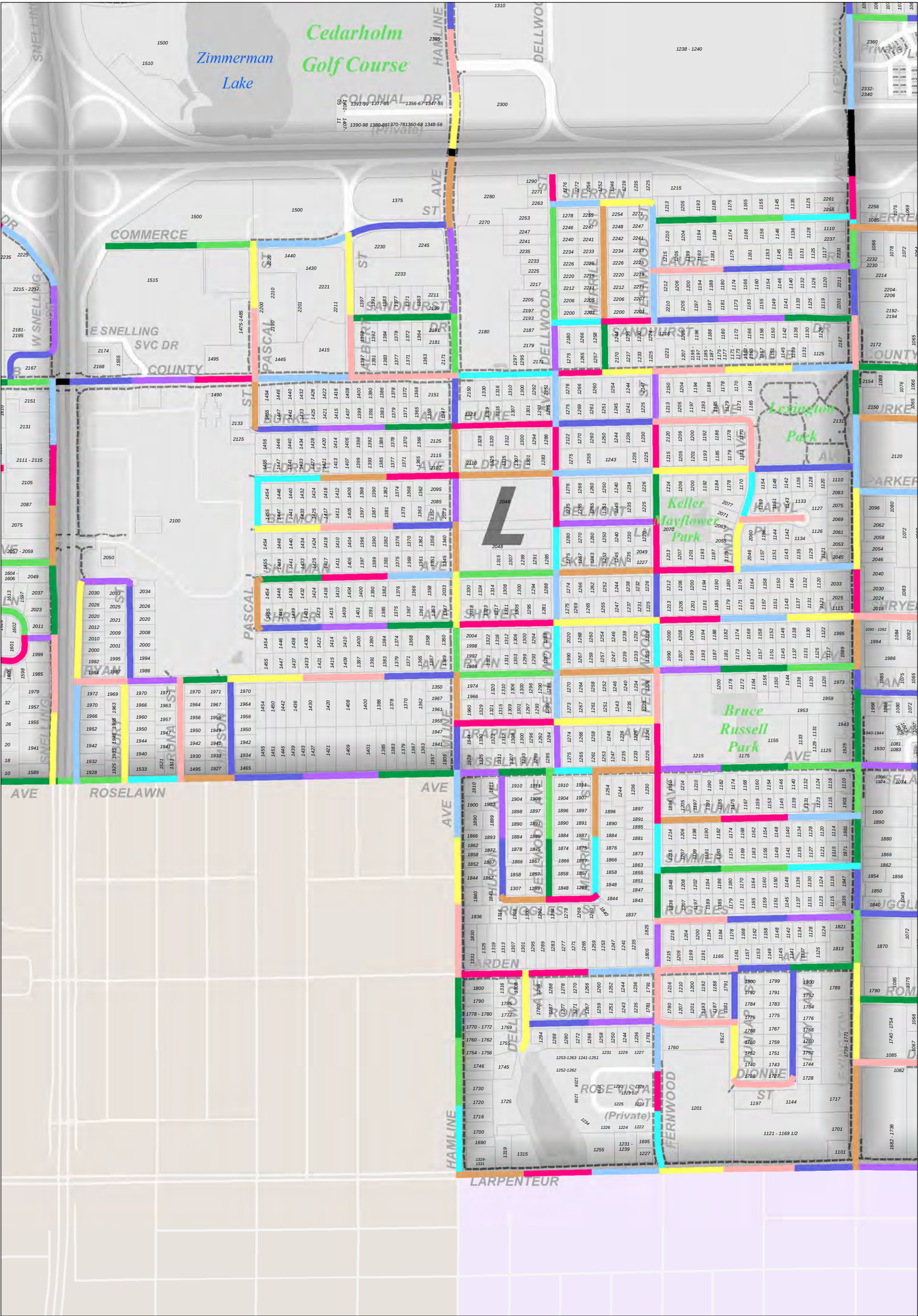
- | | | |
|-----------------|-----------------------|---------|
| Basswood/Linden | Hickory | Oak |
| Birch | Honeylocust | Buckeye |
| Elm | Kentucky Coffeetree | Other |
| Hackberry | Maple (Red and Sugar) | |

- | | |
|--|-----------------|
| | Constellations |
| | Pathways/Trails |

Constellation K

Prepared by:
Parks & Recreation Department
September 12, 2012





Proposed Tree Distribution Map

Basswood/Linden

Birch

Elm

Hackberry

Hickory

Honeylocust

Keytucky Coffeetree

Maple (Red and Sugar)

Oak

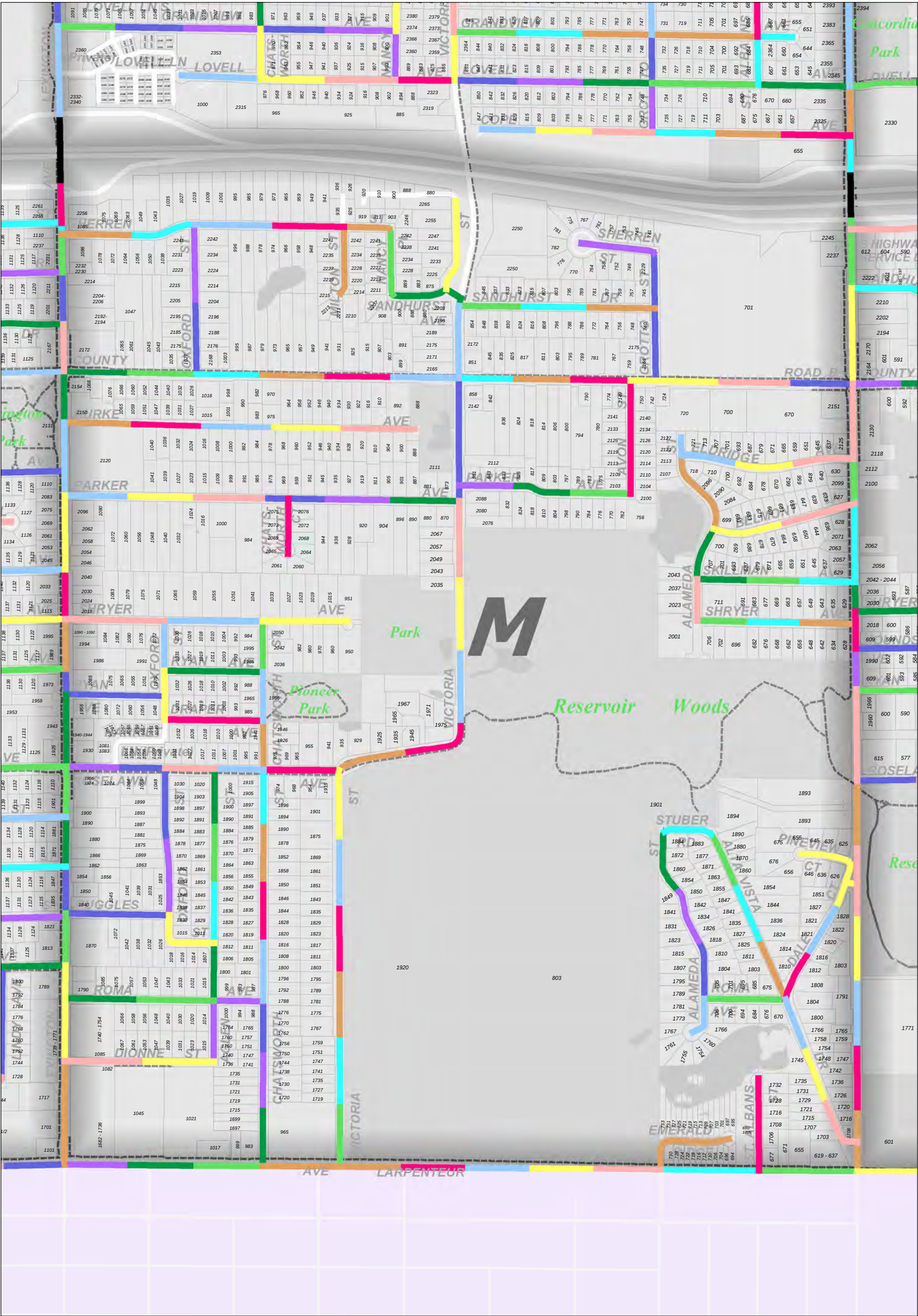
Buckeye

Other

Constellations

Pathways/Trails

Constellation L



Proposed Tree Distribution Map

Basswood/Linden

Birch

Elm

Hackberry

Hickory

Honeylocust

Keytucky Coffeetree

Maple (Red and Sugar)

Oak

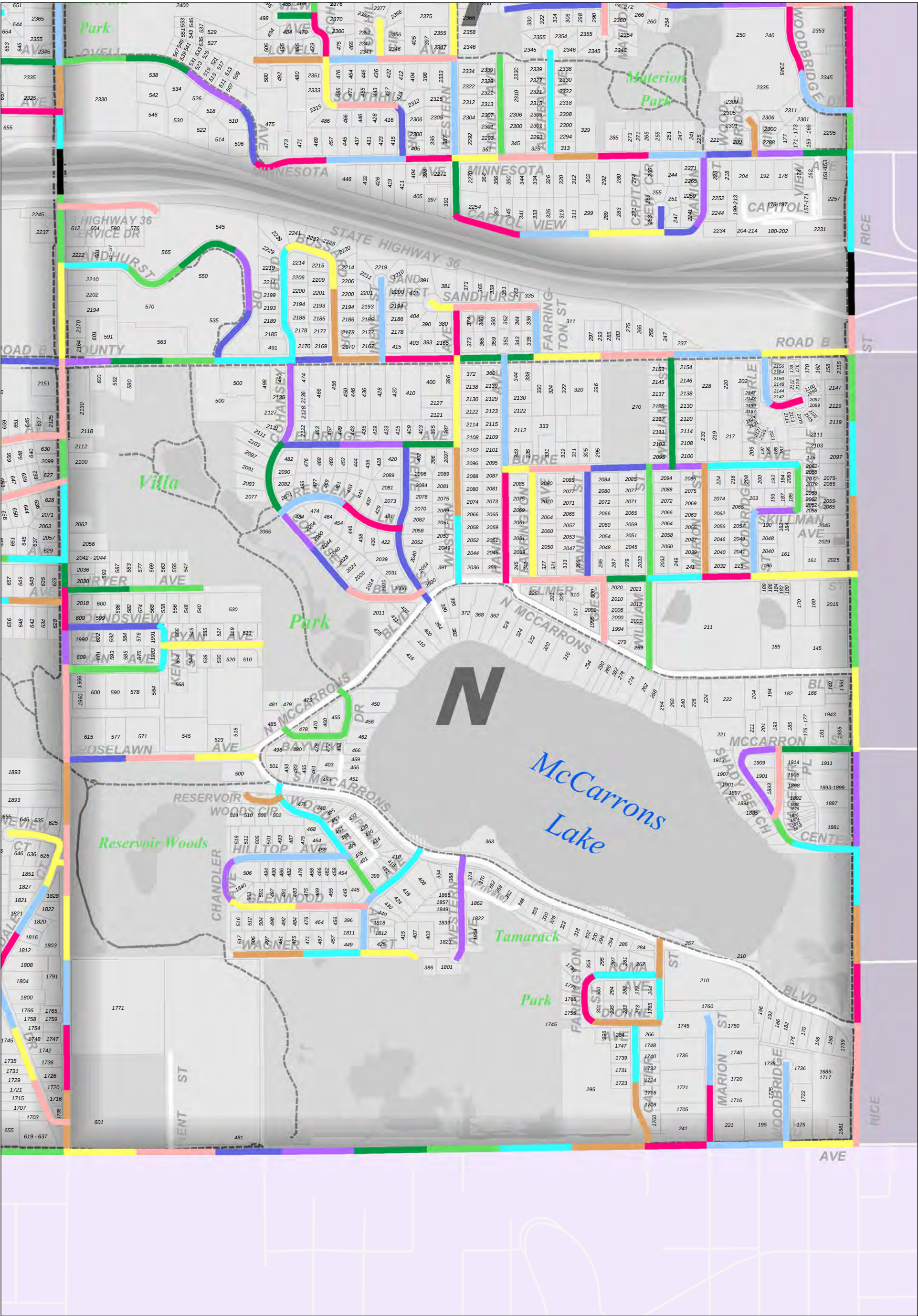
Buckeye

Other

Constellations

Pathways/Trails

Constellation M



Proposed Tree Distribution Map

- Basswood/Linden

Birch

Elm

Hackberry

Hickory

Honeylocust

Keytucky Coffeetree

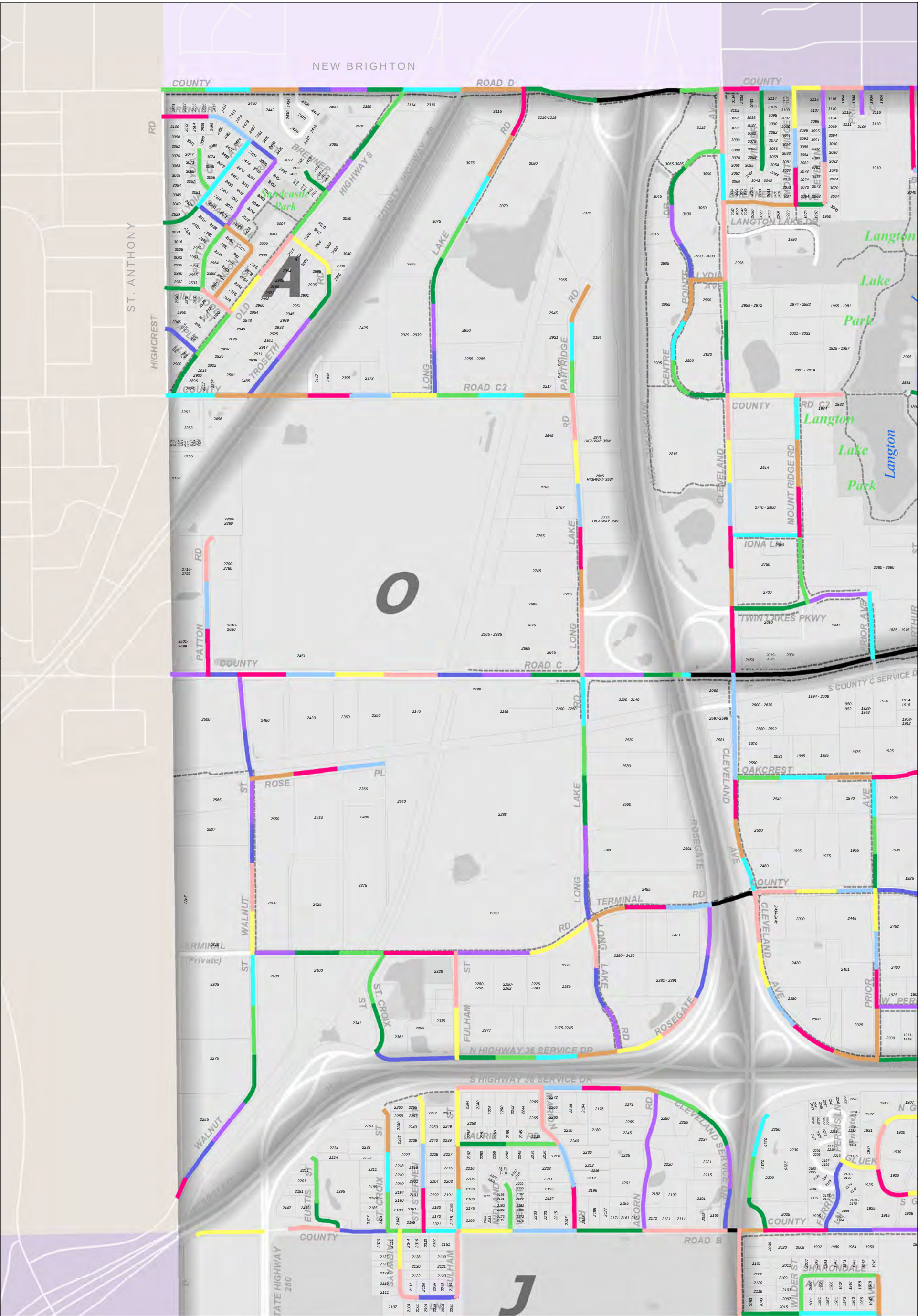
Maple (Red and Sugar)

Oak

Buckeye

Other
- Constellations

Pathways/Trails
- Constellation N



Proposed Tree Distribution Map

- Basswood/Linden

Birch

Elm

Hackberry

Hickory

Honeylocust

Keytucky Coffeetree

Maple (Red and Sugar)

Oak

Buckeye

Other
- Constellations

Pathways/Trails
- Constellation O

APPENDICES

- City of Roseville Tree Ordinance
- City of Roseville Tree Permit
- Tree, shrub and perennial planting guidelines
- Tree Disease Information
- Tree Contractor License Application
- Information Links
- List of acceptable varieties of plant material
- Prohibited plantings of specific trees, shrubs and herbaceous plants
- Minimum size of plant material
- Grade and quality of plant material
- Method/technique of planting and support
- Maintenance
- Recommended trimming and pruning techniques
- Recommended acceptable treatments

City of Roseville
ORDINANCE NO.

**AN ORDINANCE AMENDING TITLE 7 CHAPTER 706, FORESTATION CONTROL (NOW
URBAN FOREST MANAGEMENT) AND TITLE 2 SECTION 203.04 DUTIES AND FUNCTIONS
OF THE PARKS AND RECREATION COMMISSION**

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1: Title 7, Section 706 of the Roseville City Code is amended to read as follows:

**CHAPTER 706
URBAN FOREST MANAGEMENT**

SECTION:

- 706.01: Declaration of Policy
- 706.02: Purpose
- 706.03: Definitions
- 706.04: Tree Board
- 706.05: Jurisdiction
- 706.06: Designation and Duties of City Forester
- 706.07: Public Tree Master Plan
- 706.08: Regulations for Planting or Removing Trees, Shrubs, and Herbaceous Plants on
Public and Private Property
- 706.09: Duties of Private Landowners
- 706.10: Reporting Discovery of Shade Tree Pests
- 706.11: Registration of Tree Care Firms
- 706.12: Standard Abatement Order Procedure
- 706.13: Development or Redevelopment Tree Planting
- 706.14: Declaration of A Shade Tree Pest
- 706.15: Nuisances are Unlawful
- 706.16: Declared Shade Tree Pests, Control Measures and Control Areas
- 706.17: Urban Forest Management Fees
- 706.18: Emergencies
- 706.19: Interference

706.01: DECLARATION OF POLICY:

The health of trees in the City of Roseville (City) is threatened by shade tree pests.
The loss or ill health of trees growing upon public and private property

substantially depreciates the value of property within the city and impairs the safety, environmental benefits, general welfare and convenience of the public. The provisions of this section are adopted as an effort to control and prevent the spread of shade tree pests and to maintain a healthy urban forest, in addition to and in accordance with Minn. Stat. §§ 89.001, 89.01 and 89.51-.64.

706.02: PURPOSE:

It is the purpose of this Chapter to protect and promote the public health, safety and general welfare of the people of the City by:

- A. Regulating the planting, maintenance and removal of trees, shrubs and herbaceous plants on all public spaces and rights of way.
- B. Allowing the planting, maintenance, removal and trimming of trees, shrubs and herbaceous plants on public lands by written permission of the city.
- C. Inspecting trees on public and private lands.
- D. Controlling shade tree pests to protect the trees and to prevent and abate hazardous tree conditions and nuisances within the City on public and private lands.
- E. Protecting and preserving existing healthy trees.
- F. Encouraging the planting of trees for the protection and enhancement of the environment. (Ord. 1107, 12-9-91)

706.03: DEFINITIONS:

As used in this Chapter, the following words and terms shall have the meanings ascribed to them in this Section:

BOULEVARD: That property between the edge of the street and the property line (right-of-way line).

EASEMENT: The right to use a defined part of real property held by others for a specific purpose.

HAZARDOUS TREE: Any tree, as determined by the City Forester, to cause or have the potential to cause harm to public or private property, following the guidelines set forth by the Minnesota Department of Natural Resources (MNDNR).

HERBACEOUS PLANTS: Non-woody plants.

NUISANCE: Any shade tree pest or hazardous tree in the community threatening to cause significant damage to another shade tree, or public or private property.

PROPERTY LINE: The legal boundary of a parcel of land.

PUBLIC TREE MASTER PLAN: Official comprehensive tree management plan, including, but not limited to, a planting guide with regulations outlining acceptable tree species, planting locations, planting techniques and treatments to limit the spread of shade tree pests and maintain healthy trees.

PUBLIC TREE PERMIT: Written permission given by the City allowing a person(s) to plant, trim, treat or remove a tree, shrub, or herbaceous plant on city public land.

PUBLIC UTILITIES: Water, storm sewer and sanitary lines

RIGHT OF WAY: The surface and space above and below a public roadway, highway, street, cartway, bicycle and public sidewalk in which the City has an interest, including other dedicated rights of way for travel purposes, utility easements and any other real property owned by or under the control of the City.

SHADE TREE PEST: Any vertebrate or invertebrate animal, plant pathogen, or plant in the community threatening to cause significant damage to a shade tree or community forest, as defined by Minn. Stat. § 89.001.

SHRUB: A woody plant at maturity less than 20 feet tall with multiple stems at the ground or branching within a few feet above ground.

TREE: A woody plant at maturity 20+ feet tall with a single stem and unbranched for several feet above ground.

TREE TOPPING: Topping and tipping are pruning cuts made indiscriminately on limbs with no regard for placing the cuts near protection zones.

TREE TRIMMING: Recommended trimming and pruning techniques are outlined in the Public Tree Master Plan. Tree topping is not considered an appropriate tree trimming technique and is specifically prohibited on all public lands. (Ord. 1107, 12-9-91)

706.04: TREE BOARD:

The Parks and Recreation Commission shall act in all matters relating to the advisement of issues contained in this Chapter and all others relating to urban forest management within the City, pursuant to City Code Chapter 203. (Ord. 1107, 12-9-91)

706.05: JURISDICTION:

A. The city shall have the power to plant, care for, maintain, remove, and replace all trees, shrubs, and herbaceous plantings located within any street right of way, parks and public places within the City limits.

B. The city shall have control over the planting, care, maintenance, removal and replacement of all trees, shrubs, and herbaceous plants located on private property that constitute a hazard or threat to the public as set forth in this Chapter. (Ord. 1107, 12-9-91)

706.06: DESIGNATION AND DUTIES OF CITY FORESTER:

- A. Appointment of City Forester: The Director of Parks and Recreation, or duly authorized employee, shall act as the City Forester to coordinate the activities within the city relating to urban forest management. (Ord. 1107, 12-9-91)
- B. Authority of City Forester: The City Forester shall have jurisdiction and supervision over all trees, shrubs, and herbaceous plants located within street rights of way, parks and public places of the City, and trees, shrubs and herbaceous plants located on private property that constitute a hazard or threat to the public. (Ord. 1107, 12-9-91; amd. 1995 Code)
- C. Duties of City Forester: The City Forester may direct the planting, care, maintenance, removal and replacement of any tree, shrub or herbaceous plant on public grounds and on private property where necessary to preserve or restore the healthy and safe condition of such tree, shrub or herbaceous plant or to protect the public from damage or injury. The cost of any such work may be assessed against the property on which the tree, shrub or herbaceous plant is located, pursuant to Section 706.12.
- D. Public Tree Master Plan: In addition to the other responsibilities under this Chapter, the City Forester shall review the Public Tree Master Plan regarding all aspects of trees, shrubs and herbaceous plants on public property within the City and on private property where a tree(s), shrub(s) and/or herbaceous plant(s) may present a health or safety hazard. (Ord. 1107, 12-9-91)

706.07: PUBLIC TREE MASTER PLAN:

The Public Tree Master Plan shall address the following matters:

1. List of acceptable varieties of plant material

2. Prohibited plantings of specific trees, shrubs and herbaceous plants
3. Minimum size of plant material
4. Grade and quality of plant material
5. Method/technique of planting and support
6. Maintenance
7. Recommended rimming and pruning techniques
8. Recommended acceptable treatments

When approved by resolution of the City Council following a review by the City Tree Board, the Public Works Director and Community Development Director, the Public Tree Master Plan and any modifications will be the Official Plan of the City. After the adoption of the official plan, no tree planting permit will be issued which does not conform to the Public Tree Master Plan.

706.08: REGULATIONS FOR PLANTING OR REMOVING TREES, SHRUBS OR HERBACEOUS PLANTS ON PUBLIC PROPERTY:

- A. Hazard Placement Prohibited: No tree, shrub or herbaceous plant shall be planted, placed or allowed to remain in a place which the City Engineer determines could cause a traffic hazard. Enforcement shall be conducted by the City Forester and the City Engineer.
- B. Boulevard Planting: Trees, shrubs, or herbaceous plants must be located within the first three (3) feet of the boulevard, measured from the property line. Plant material shall be consistent with the Public Tree Master Plan and not in conflict with public plantings based on the judgment of the City Forester. Planting will be by permit only.
- C. Spacing/Placement: Placement of trees, shrubs or herbaceous plants must be consistent with Sections 706.07 through 706.08 and the guidelines listed in the Public Tree Master Plan.
- D. Abuse or Mutilation: No person shall on public property and right of way:
 1. Damage, cut, remove, carve, kill or injure trees, shrubs or herbaceous plants.
 2. Trim, prune, remove, spray or otherwise treat trees, shrubs or herbaceous plants without first obtaining a public tree permit.
 3. Attach any rope, wire or other contrivance to any tree, shrub or herbaceous plant.
 4. Cause or permit any wire charged with electricity or any gaseous liquid or solid substance to come in contact with trees, shrubs or herbaceous plants which are located on, or extend over, any public street, boulevard, park or other public place without a permit.
- E. Public Tree Permits:
 1. No person shall plant, remove or treat trees, shrubs or herbaceous plants on a public boulevard without first obtaining a public tree permit from the City Forester.
 2. The following provisions apply to the issuance of public tree permits for planting, treating or removing trees, shrubs and/or herbaceous plants on public property, especially the boulevard:
 - a. Application Data: The application required under this Section shall state the number of trees, shrubs and/or herbaceous plants to be planted, the location, size and specific species of each tree or plant.
 - b. Standards for Issuance: A permit shall be issued after the application has been determined to be in compliance with the Public Tree Master Plan and the requirements of this Section and related sections by the City Forester.
 - c. Replacement: As a condition to the granting of a tree removal permit, the City Forester may require the applicant to relocate or replace trees, shrubs and/or herbaceous plants to be consistent with the Public Tree Master Plan.

d. Bond Requirements: A posted bond or cash escrow may be required in an amount to be determined by the City Forester conditioned upon satisfactory compliance with the terms of the permit.

e. Permit Denial: If a planting or removal permit is denied, the reason(s) for denial shall be set forth in writing and given to the applicant, within 20 days of receipt of application.

f. Denial Appeal: Any applicant adversely affected by the decision may appeal to the City Tree Board and, finally, to the City Council.

F. Areas Not Applicable: The provisions of subsection D above shall not apply to:

1. The removal of trees on public easements/rights of way, conducted by, or on behalf of, a Federal, State, County, Municipal or other governmental agency in pursuance of its lawful activities or functions in construction or improvements.

2. The removal of any tree by a public utility when such tree has the reasonable potential of endangering the facility's operation by the utility. (Ord. 1107, 12-9-91)

706.09: DUTIES OF PRIVATE LANDOWNERS:

It shall be the duty of any person owning private property to comply with the following:

A. Planting on Private Property: No person shall plant or allow to be planted on any privately owned property any tree, shrub or herbaceous plant listed in the Public Tree Master Plan as prohibited.

B. Acceptable Plant Materials: Acceptable plant materials shall not have characteristics detrimental to the public welfare such as:

1. susceptibility to pests, as determined by the MNDNR, Minnesota Department of Agriculture (MDA) and the City Forester

2. susceptibility to wind damage

3. a tendency to interfere with utilities

4. or a tendency to interfere with public easements or rights of way.

C. Prohibited Obstructions:

1. Obstructing View: No trees, shrubs or herbaceous plants shall be planted or allowed to grow so as to obstruct the view of any vehicular traffic on public streets or pathways, or pedestrians on public pathways.

2. Utilities: No trees may be planted under or within ten (10) level feet of any overhead utility wire, or over or within ten (10) lateral feet of any underground public utilities.

D. Trimming of Trees:

1. Private property trees and shrubs must be trimmed so as not to cause a hazard to persons or property on abutting property.

2. All trees and shrubs shall be pruned to sufficient height to allow free passage of pedestrians and vehicular traffic: nine (9) feet over sidewalks and 16 feet over streets and two (2) feet horizontal distance.

E. Removal of Pest-Infested or Hazardous Trees: Pest-infested or hazardous trees, and plants deemed to be a health or safety hazard by the City Forester, must be treated or removed so as not to constitute a health or safety hazard to the public or to other trees or plants in the City.

F. Stockpiling and Storage of Firewood Logs: No person shall stockpile or store wood from a pest-infested tree with the bark intact without first having obtained a permit to do so. The City Forester may issue permits, upon proper application, for the stockpiling or storage of such wood only between September 15 and April 1 of the following year and only at locations which are specified in the permit.

706.10: REPORTING DISCOVERY OF SHADE TREE PESTS: Any owner or occupier of land or any person engaged in tree trimming or removal who becomes aware of the existence of a nuisance as

defined under Section 706.03 shall report the same to the city.

706.11: REGISTRATION OF TREE CARE FIRMS: Any person, corporation or other entity that operates a business which provides tree care, tree trimming, or removal of trees, limbs, branches, brush, or shrubs for hire must be licensed to work in the City by the Community Development Department.

706. 12: STANDARD ABATEMENT ORDER PROCEDURE: When the City Forester determines with reasonable certainty that it is necessary to order the trimming, treatment or removal of trees, shrubs or herbaceous plants as authorized in subsection 706.09, a written order to correct the condition shall be served.

- A. The City Forester will notify in writing the owner of record or occupant of the premises that a nuisance exists and order that the nuisance be terminated or abated. The notice may be given in person or by mail. Failure of any party to receive the mail does not invalidate the service of the notice. A copy of the notice shall be filed with the City Forester.
- B. Removal Date: The date inserted in the notice in subsection 706.12A shall be 20 days after the notice is mailed.
- C. Appeal: A person receiving said notice may, within five (5) working days of the postmark date of said notice, file an appeal with the City. The appeal will be heard by the City Tree Board and forwarded to the City Council for action within 21 calendar days following the appeal of said notice.
- D. Summary Removal of Pest-Infested Trees: In the event the trees covered in said notice are not removed, destroyed and/or treated, as provided in subsections 706.12A through C, within ten (10) calendar days following the denial on an appeal as set forth in subsection 706.12C, the City Forester shall cause said trees to be summarily removed, destroyed and/or treated and shall take any other action necessary to prevent the spread of the pest or danger to the public.
- E. Cost Responsibility: Any costs of inspecting, removing or treating trees, including any legal expense, shall be itemized and mailed to the owner at the address shown in the records of the County Auditor. In the event said itemized bill is not paid within 30 days, the amount of said costs, plus interest, shall be certified to the proper County officials and collected with the next succeeding five (5) years real estate taxes as provided for in Minnesota Statute Section 429.101. (Ord. 1107, 12-9-91; amd. 1995 Code)

706. 13: DEVELOPMENT OR REDEVELOPMENT TREE PLANTING:

All development and redevelopment activities within the City of Roseville shall be subject to City Code Chapter 1011.03 regarding minimum landscaping standards.

706.14: DECLARATION OF A SHADE TREE PEST: The City Forester may declare any vertebrate or invertebrate animal, plant pathogen, or plant in the community threatening to cause significant damage to a shade tree or community forest, as defined by Minn. Stat. § 89.001, to be a shade tree pest.

706.15: NUISANCES ARE UNLAWFUL: It is unlawful for any person to permit any nuisance as defined in Section 706.03 to remain on any premises the person owns or controls within the city. The nuisance may be abated as provided in this ordinance.

706.16: DECLARED SHADE TREE PESTS, CONTROL MEASURES, AND CONTROL AREAS: The City Forester may prescribe control measures to effectively eradicate, control, or manage the shade tree pest, including necessary timelines for action. Shade Tree Pests are to be eradicated,

controlled or managed according to best management practices prescribed by the MDA and the MNDNR. The control area of a shade tree pest is defined as all lands within the boundaries of the city.

706.17: URBAN FOREST MANAGEMENT FEES: Fees for all permits and other applicable required City services shall be as established by the City Fee Schedule in Section 314.05. (Ord. 1107, 12-9-91)

706.18: EMERGENCIES: In case of emergencies involving, but not limited to, tornadoes, windstorms, floods, freezes or other natural disasters, the requirements of this Chapter may be waived by the Mayor or, in the absence of the Mayor, the Acting Mayor. (Ord. 1107, 12-9-91)

706.19: INTERFERENCE: It is unlawful for any person to prevent, delay or interfere with the enforcement of this Chapter by any City official. (Ord. 1107, 12-9-91)

SECTION 2: Title 2, Section 203.04 O is amended to read as follows:

O. Shall act in all matters relating to the Urban Forest Management Ordinance contained in chapter 706 of this code, and shall act as the Tree Board as set forth in section 706.03 of this code.

SECTION 3: Effective date. This ordinance shall take effect upon its passage and publication.

Passed by the City Council of the City of Roseville this ____ day of ____ 20__.

Ordinance –Forestation Control/Urban Forest Management

(SEAL)

CITY OF ROSEVILLE

BY: _____
Daniel J. Roe, Mayor

ATTEST:

William J. Malinen, City Manager

BIBLIOGRAPHY

Davey Group Manual

Santamour

go to: http://www.mntca.org/Reference_manual/Tree_info/Minnesota_Tree_Index.htm

<http://dendro.cnre.vt.edu/photouse.htm> Virginia Tech



Your Neighborhood. Our Community.

2012-2015 Parks & Recreation Renewal Program

Public engagement strategy

draft 14 November 2012

Overview

This document outlines the core strategies to be pursued as Roseville moves through the process of engaging residents and stakeholders in meetings dedicated to further understanding their desires and concerns for park improvements in the community. While the specifics of each meeting may vary depending on park conditions and a neighborhood's interests, this strategy suggests direction for general outreach and defines a prototypical meeting agenda that might be used for each park's concept/master planning.

The renewal program relies on the directions of the Master Plan as the guiding document for parks and recreation improvements to the system. Continuity with the Master Plan is critical, but the intent of the public engagement process is to better define those parks and recreation improvements that are framed in the Master Plan—not to ignore or change the core values and key directions of the plan, but to provide more clarity so that the city's parks and recreation programs can best serve the community.

As occurred during the Master Plan, the key strategy in the public engagement process is to allow the residents and park stakeholders the opportunity to contribute their local knowledge and insights to the renewal program. Meetings will be orchestrated to present information, but will allow significant time for residents and stakeholders to share their thoughts, concerns, and opinions. Interactions among residents and stakeholders will occur in both small and large group formats.

While the focus on public engagement is residents and stakeholders, others with an interest in the city's parks might also be engaged, including watershed districts, the school district, Ramsey County (particularly for trails projects), and perhaps even neighboring communities. In addition, the engagement process should be extended to allow park advocacy groups and potential park benefactors the opportunity access to the process. For most of these groups, face-to-face meetings will be the best avenue for interactions. Where agendas are provided in this document for public meetings, more focused agendas should be created for these face-to-face meetings.



Notification of meetings and other outreach methods

The city's ordinances relating to public notice of meetings should be followed, even though this is not a formal meeting of any board or commission. Notices should be sent to properties within **xxx** feet of a park specifically inviting residents to participate in concept/master plan meetings. The nature of some park improvements and direction offered in the Master Plan suggest that those parks may have a broader audience (that is, the park's constituency is not neighborhood-based), in which case the notification area may be larger.

In addition to residents, some parks may have unique interest groups that will want to participate. Parks stakeholder or special interest groups, if known by city staff and if organized sufficiently to understand the group's composition, should also be invited to the concept/master plan meetings for specific parks.

The schedule for park concept planning meetings will be sufficiently established by 1 December 2012 so that advertising can assist in outreach efforts. The city's typical methods of advertising to parks and recreation constituents (notices in Parks and Recreation catalog) might be sufficient for those already attached to the city's parks. Notices on the city's website, cable television crawlers, inserts in utility bills, and other standard methods of "advertising" might also be pursued.

Local media also play a role in building awareness of the projects and inviting people to participate. It seems that regular updates (every three months, perhaps) in the local paper might offer the chance to provide broad information about progress (impacts on the public use of parks resulting from construction and, eventually, completion of improvements at parks) and specific information related to meetings for each park.

As improvements are contemplated, it might be useful to have a banner or a series of lawn signs (like campaign signs) placed at a park prior to the start of meetings and maybe during the entire period of construction. The city's planning staff should be contacted to make certain the banners or signs would not violate an ordinance (the ordinance controls sign materials, precludes the use of banners and mobile signs, and limits placement of temporary signs to 60 days). A variance to the ordinance could be pursued to allow signs of the types described to be used and placed at a park for more than 60 days.

With the start of construction, construction signs could be fabricated as part of the contract for construction with notices of the renewal program and anticipated completion date for the improvements at that park. Construction signs are commonly used, especially for public improvement projects.

Notification schedule

<i>Notification type</i>	<i>Distribution</i>	<i>Schedule</i>	<i>Responsibility</i>
Resident and property owner notice letter	USPS	Sent one month prior to meeting; follow up	Staff



		postcard two weeks prior to meeting	
Inserts in utility bills and other city mailings	USPS	Aligned with utility bill schedule and other city mailings	Staff
City newsletter	City	Aligned with newsletter schedule	Staff
Parks and recreation catalog	City	Aligned with catalog schedule	Staff
Web notices	City website	Ongoing	Staff
Cable television crawler	Local access television	Ongoing	Staff
Local media articles		Ongoing	Staff
Banners and/or signs		Placed one month prior to meeting and remaining until start of construction	Staff
Construction sign		Placed by the contractor two weeks prior to start of construction	LHB to define parameters as a part of the contract for construction

Meetings with residents and stakeholders

The renewal program anticipates meetings with neighborhoods and stakeholder/interest groups for each park as improvements are planned. For each park, two meetings will occur during the concept/master planning stage to focus on gaining input and reaction to proposed improvements, while one meeting would occur prior to the start of construction to provide information on the schedule and impacts on park use. The general outline for meetings relating to each park would be as follows:

Meetings			
<i>Meeting</i>	<i>Focus</i>	<i>Presentation type</i>	<i>Facilitation</i>
1	Initial concept planning and input	Interactive workshop	Parks and Recreation Department staff and consultant
2	Review of proposed concept/master plan	Interactive workshop	Parks and Recreation Department staff and consultant
3	Construction schedule and impacts on park use	Open house	Parks and Recreation Department staff and consultant



Even though no park in the community is the same, meetings should generally follow a similar format and agenda to ensure consistency in planning and implementation. Some parks might necessarily have a unique agenda due to circumstances related to that park; defining a park serving Southwest Roseville will require a different approach because a new park is being created and because the creation of that park not only aligns with the direction of the Parks and Recreation Master Plan it satisfies a goal of the city's comprehensive plan.

Materials might be presented in PowerPoint to aid in projecting a large enough image of the plan and as a way of demonstrating process and schedule discussion items. Having display boards will allow meeting participants to more closely review drawings and other presentation materials at their own pace. As a strategy that anticipates meeting participants' needs, having a PowerPoint and hard copies should be pursued. The PowerPoint can be translated to a PDF file for posting on the city's website.

Similar to meetings conducted during the Master Plan, significant time will be directed to resident and stakeholder interactions. Meeting participants will be assembled in small groups (if enough people are present to allow reasonably sized groups). The following agenda might be used as the general prototype for most initial meetings during the concept/master planning stage of the renewal program:

Initial Concept/Master Plan Meeting Agenda (Meeting 1)			
Item	Topic	Description	Time allowed
1	Introduction	Introductions of parks and recreation staff, commission members present, consultants	2 minutes
2	Parks and Recreation Master Plan as guidance	Overview of core values and key directions articulated in the Master Plan	5 minutes
3	Park renewal program	Overview of the renewal program and improvement funding	5 minutes
4	Concept planning process	Description of the planning process, meetings during the planning process, other opportunities for input	5 minutes
5	Schedule	Schedule for planning and design; anticipated construction schedule; impacts to park use and programs	5 minutes
6	Park conditions	(small group discussion) Resident and stakeholder assessment of existing park conditions (comments on an aerial photograph of the park)	15 minutes
7	Existing concept plan review	(small group discussion) Review of alternative concept plans created during the Master Plan; resident and stakeholder comments provided on alternatives (notes directly on the plans) as a way of gauging reaction and receiving guidance in alignment with the Master Plan	30 minutes



8	Open discussion	(large group discussion) Reporting from groups on key messages	15 minutes
9	Questions	Questions from meeting participants	10 minutes
10	Next steps	Update on upcoming actions and meetings	
11	Announcements	Provision of any other information related to other parks or the parks and recreation renewal program	3 minutes
12	Adjourn		0 minutes
			95 minutes

The concept/master planning meeting process will include a second meeting to allow residents and stakeholders the opportunity to react and further shape the concept prior to advancing the plan to the final design stage. The following agenda might be used for the second concept/master plan meeting:

Follow-up Concept/Master Plan Meeting Agenda (Meeting 2)

Item	Topic	Description	Time allowed
1	Introduction	Introductions of parks and recreation staff, commission members present, consultants	2 minutes
2	Meeting 1 summary	Presentation of findings from the initial meeting	10 minutes
3	Concept plan	Presentation of the concept plan proposed for the park, including identifying elements that will be defined during final design, staging of improvements and use of the park during construction, public safety measures to be employed	15 minutes
4	Concept plan assessment	(small group discussion) Review of proposed concept plan	20 minutes
5	Open discussion	(large group discussion) Reporting from groups on key messages	20 minutes
6	Questions	Questions from meeting participants	10 minutes
7	Next steps	Update on upcoming actions and meetings	
8	Announcements	Provision of any other information related to other parks or the parks and recreation renewal program	3 minutes
9	Adjourn		0 minutes
			95 minutes

While not a part of the concept/master planning process or the Lead Consultant responsibilities, the following agenda might be used during the final design stage during a meeting framed as an open house:

Final Design Presentation Meeting Agenda (Meeting 3)



<i>Item</i>	<i>Topic</i>	<i>Description</i>	<i>Time allowed</i>
1	Open house	Residents and stakeholders are allowed to view the plan and ask questions directly of parks and recreation staff and consultants; materials are set up in stations (existing conditions, proposed final plan, anticipated schedule, impacts on park use during construction)	20 minutes
2	Introduction	Introductions of parks and recreation staff, commission members present, consultants	4 minutes
3	Master plan, renewal program, and concept plan process	Review of information leading to the final plan	5 minutes
4	Final design plan	Presentation of the final design	15 minutes
5	Anticipated schedule	Discussion of anticipated schedule for construction and impacts on public use of the park	5 minutes
6	Questions	Questions from meeting participants	10 minutes
7	Next steps	Update on upcoming actions and meetings	3 minutes
8	Announcements	Provision of any other information related to other parks or the parks and recreation renewal program	3 minutes
9	Open house	Residents and stakeholders are allowed to view the plan following the presentation and ask questions directly of parks and recreation staff and consultants	25 minutes
10	Adjourn		0 minutes
			90 minutes

Invitation prototype

While staff may desire to personalize an invitation or be more deliberate about how the renewal program's "tag line" is used, the following is offered as a prototype for an invitation to a resident or park stakeholder for the park improvement meetings:

<<<insert date>>>

Dear <<<name>>>,

During 2012, the Roseville City Council approved a plan that would renew the city's parks and recreation system with more than \$19 million of improvements distributed across all of the city's parks. This is the first major infusion of dollars into our parks and it builds from a successful master planning process that took place in 2010. It also aligns with



Imaging Roseville 2025, a well-supported and far-reaching view of what the Roseville community will be as we move into the future.

With dollars in place and a master plan to guide us, the Parks and Recreation Department is looking for guidance from residents and parks stakeholders as improvements are framed for the community's parks. We have scheduled meetings to consider improvements at <<<insert park name>>> for:

- <<<insert time, date, and place for meeting 1>>>
- <<<insert time, date, and place for meeting 2>>>

At the first meeting, Parks and Recreation staff and their consultants will present initial ideas for improvements in the park. You will be asked to help staff better understand any issues present at the park and to assess the viability of initial ideas. Using input from this meeting, our consultants will develop a concept plan that will be shared at the second meeting.

<<<insert park name>>> is a part of your neighborhood. We hope that you can find the time to share your thoughts and ideas during both of these meetings. Through this process, we believe our community will become a more vibrant and attractive place to live and play.

You can find more information about the Parks and Recreation Renewal Program on the city's website at <http://www.ci.roseville.mn.us/index.aspx?NID=2243>. On the city's home page, just click on the "Parks & Recreation Renewal Program" tab on the left side of the screen.

We look forward to seeing you at these meetings.

Sincerely,

<<<invitation from staff, Parks and Recreation Commission, mayor??>>>



A follow-up postcard might be sent two weeks in advance of the meeting as a reminder.

We need your input!

The City of Roseville will be making significant improvements to its parks and recreation system over the next three years. <<<insert park name>>> is scheduled for improvements soon and the first step is sharing ideas for improvements. Please plan to attend meetings to discuss <<<insert park name>>> scheduled for:

- <<<insert time, date, and place for meeting 1>>>
- <<<insert time, date, and place for meeting 2>>>

You can find more information about our parks improvements by checking the city's website. On the home page, click on the "Parks & Recreation Program tab on the left side of the screen.

Your voice is important! We hope you can attend!

Essentially the same information could be included:

The letter and the postcard are provided for general content direction only. The letter may be on city letterhead or a more customized sheet used for the renewal program. Staff may desire to add graphics or photographs to enliven the postcard.

Meetings with local boards and commissions

Through the process of implementing improvements, it will be useful to provide updates to the City Council, the Parks and Recreation Commission, and other local boards and commissions. In each case, updates would likely occur as a part of their own meeting agenda; it's equally likely that an update on the renewal program will be limited in time. Updates could be best timed to coincide with presentations of concept plans as indicated in the Project Schedule (generally scheduled for mid-March, late April, and mid-June).

Tasks

While not definitive or comprehensive, the following list of tasks might assist in the process of ensuring engagement activities are well-planned and coordinated to allow the best possible involvement of residents and stakeholders.

Tasks



<i>Task</i>	<i>Responsibility</i>	<i>Schedule</i>
Prepare list of stakeholder or interest groups for each park	City	
Parks concept plan list and schedule of meetings	LHB	
Contact local media		
Create and place banner		
Tag line		
Verify sign ordinances and limits on banners and signs in parks		

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ROSEVILLE PARKS AND RECREATION COMMISSION

2013 **DRAFT** ANNUAL CALENDAR

<u>Day/Month</u>	<u>Time</u>	<u>Location</u>
* January date TBD due to Tuesday, January 1 st is New Years Day		
Tuesday, February 5	6:30 p.m.	Regular Meeting -City Hall
Tuesday, March 5	6:30 p.m.	Regular Meeting -City Hall
Tuesday, April 2	6:30 p.m.	Regular Meeting -City Hall
Tuesday, May 7	6:30 p.m.	Regular Meeting -City Hall
* June 10 th or June 17 th date to TBD for Joint Commission/City Council Meeting		
JULY		NO MEETING
* August date and/or later time to TBD due to Tuesday, August 6 th is Night To Unite		
Tuesday, September 3	6:30 p.m.	Regular Meeting – City Hall
Tuesday, October 1	6:30 p.m.	Regular Meeting -City Hall
* November date TBD due to Tuesday, November 5 th is Election Day		
Tuesday, December 3	6:30 p.m.	Regular Meeting -City Hall

DECEMBER 2012

ROSEVILLE SKATING CENTER – INDOOR ARENA

Schedule is subject to change WITHOUT NOTICE

For schedule updates call 651.792.7191 or visit www.cityofroseville.com/skatingcenter

Updated 11/19/2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
ADMISSION PRICES Public Skating /Open Hockey \$ 5.50 Skate Rentals \$ 4.00 Senior Skate Session \$ 4.00 Sharpening \$ 5.00 Skatercise Admission \$ 8.00 Open Figure Skating \$ 5.50 10-Session Punch Card \$49.00						1 No Public Sessions
2 No Public Sessions	3 Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Public Skating 1:00pm - 2:30pm	4 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Open Figure Skating 11:45am - 1:00pm Ladies Open Hockey 1:00pm - 2:30pm	5 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Senior Skating 1:15pm - 2:45pm	6 Adult Open Hockey 8:30am - 9:45am Open Figure Skating 10:00am - 11:30pm Public Skating 11:30am - 1:00pm	7 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Skatercise 1:15pm - 2:30pm	8 No Public Sessions
9 RFSC Christmas Wishes Ice Show 1:30pm  No Public Sessions	10 Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Public Skating 1:00pm - 2:30pm	11 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Open Figure Skating 11:45am - 1:00pm Ladies Open Hockey 1:00pm - 2:30pm	12 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Senior Skating 1:15pm - 2:45pm Public Skating 7:00pm - 8:30pm	13 Adult Open Hockey 8:30am - 9:45am Open Figure Skating 10:00am - 11:30pm Public Skating 11:30am - 1:00pm	14 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Skatercise 1:15pm - 2:30pm	15 No Public Sessions
16 Public Skating 12:30pm - 2:00pm	17 Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Public Skating 1:00pm - 2:30pm	18 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Open Figure Skating 11:45am - 1:00pm Ladies Open Hockey 1:00pm - 2:30pm	19 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Senior Skating 1:15pm - 2:45pm Public Skating 7:00pm - 8:30pm	20 Adult Open Hockey 8:30am - 9:45am Open Figure Skating 10:00am - 11:30pm Public Skating 11:30am - 1:00pm	21 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Skatercise 1:15pm - 2:30pm	22 No Public Sessions
23 Public Skating 12:30pm - 2:00pm	24 Christmas Eve No Public Sessions	25 MERRY CHRISTMAS  SKATING CENTER CLOSED	26 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Senior Skating 1:15pm - 2:45pm Public Skating 7:00pm - 8:30pm	27 Adult Open Hockey 8:30am - 9:45am Open Figure Skating 10:00am - 11:30pm Public Skating 11:30am - 1:00pm	28 Adult Open Hockey 8:30am - 9:45am Public Skating 10:00am - 11:30am Adult Open Hockey 11:30am - 12:45pm Skatercise 1:15pm - 2:30pm	29 No Public Sessions
30 Public Skating 12:30pm - 2:00pm	31 Adult Open Hockey 11:30am - 12:45pm NEW YEARS EVE ON ICE 2:30PM-10:00PM Presented by: GOODMANSON CONSTRUCTION					

DECEMBER 2012

ROSEVILLE SKATING CENTER - OVAL

Schedule is subject to change WITHOUT NOTICE

For schedule updates call 651.792.7191 or visit www.cityofroseville.com/skatingcenter

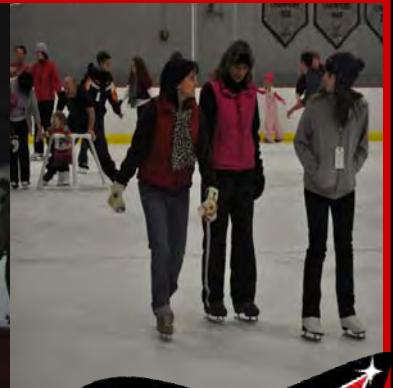
Updated 11/20/2012

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	ADMISSION PRICES Public Skating /Open Hockey \$ 5.50 Skate Rentals \$ 4.00 Senior Skate Session \$ 4.00 Sharpening \$ 5.00 Skatercise Admission \$ 8.00 Open Figure Skating \$ 5.50 10-Session Punch Card \$49.00					1 PUBLIC SKATING & OPEN HOCKEY 1:00PM - 3:00PM PUBLIC SKATING & OPEN HOCKEY 7:30PM - 9:30PM
2 PUBLIC SKATING & OPEN HOCKEY 12:00PM - 2:00PM PUBLIC SKATING & OPEN HOCKEY 7:00PM - 9:00PM	3 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM	4 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM OPEN SPEED SKATING 9:00PM - 10:15PM	5 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM PUBLIC SKATING (TRACK ONLY) 5:00PM - 6:30PM	6 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM	7 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM PUBLIC SKATING & OPEN HOCKEY 8:00PM - 10:00PM	8 John Rose Open Speedskating Competition 9:00am-3:00pm PUBLIC SKATING & OPEN HOCKEY 7:30PM - 9:30PM
9 John Rose Open Speedskating Competition 9:00am-2:00pm PUBLIC SKATING & OPEN HOCKEY 7:00PM - 9:00PM	10 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM PUBLIC SKATING (TRACK ONLY) 5:00PM - 6:30PM	11 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM OPEN SPEED SKATING 9:00PM - 10:15PM	12 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM PUBLIC SKATING (TRACK ONLY) 5:00PM - 6:30PM	13 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM	14 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM PUBLIC SKATING & OPEN HOCKEY 8:00PM - 10:00PM	15 PUBLIC SKATING & OPEN HOCKEY 1:00PM - 3:00PM PUBLIC SKATING & OPEN HOCKEY 7:30PM - 9:30PM
16 PUBLIC SKATING & OPEN HOCKEY 12:00PM - 2:00PM PUBLIC SKATING & OPEN HOCKEY 7:00PM - 9:00PM	17 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM	18 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM OPEN SPEED SKATING 9:00PM - 10:15PM	19 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM PUBLIC SKATING (TRACK ONLY) 5:00PM - 6:30PM	20 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM	21 PUBLIC SKATING & OPEN HOCKEY 11:30AM - 1:30PM OPEN SPEED SKATING 2:00PM - 3:15PM PUBLIC SKATING & OPEN HOCKEY 8:00PM - 10:00PM	22 Special Holiday Hours PUBLIC SKATING & OPEN HOCKEY 1:00PM - 3:00PM PUBLIC SKATING & OPEN HOCKEY 4:15PM - 6:15PM PUBLIC SKATING & OPEN HOCKEY 7:30PM - 9:30PM
23 Special Holiday Hours PUBLIC SKATING & OPEN HOCKEY 12:00PM - 2:00PM PUBLIC SKATING & OPEN HOCKEY 6:00PM - 8:00PM	24 Special Holiday Hours PUBLIC SKATING & OPEN HOCKEY 11:00AM - 1:00PM	25 MERRY CHRISTMAS  SKATING CENTER CLOSED	26 Special Holiday Hours PUBLIC SKATING & OPEN HOCKEY 11:00AM - 1:00PM PUBLIC SKATING & OPEN HOCKEY 2:00PM - 4:00PM PUBLIC SKATING (TRACK ONLY) 5:00PM - 6:30PM	27 Special Holiday Hours PUBLIC SKATING & OPEN HOCKEY 11:00AM - 1:00PM PUBLIC SKATING & OPEN HOCKEY 2:00PM - 4:00PM	28 Special Holiday Hours PUBLIC SKATING & OPEN HOCKEY 11:00AM - 1:00PM PUBLIC SKATING & OPEN HOCKEY 2:00PM - 4:00PM PUBLIC SKATING & OPEN HOCKEY 5:30PM - 8:30PM	29 Special Holiday Hours PUBLIC SKATING & OPEN HOCKEY 1:00PM - 3:00PM PUBLIC SKATING & OPEN HOCKEY 7:30PM - 9:30PM
December 22-30 & January 1 Public Skating & Open Hockey sponsored by:						
30 Special Holiday Hours PUBLIC SKATING & OPEN HOCKEY 12:00PM - 3:00PM PUBLIC SKATING & OPEN HOCKEY 6:00PM - 8:00PM 	31 PUBLIC SKATING & OPEN HOCKEY 11:00AM - 1:00PM NEW YEARS EVE ON ICE 2:30PM-10:00PM PRESENTED BY: GOODMANSON CONSTRUCTION					

Presented by:



New Years Eve 2012



20TH ANNUAL New Year's Eve ON ICE

2:30-10PM

MONDAY DECEMBER 31, 2012

\$5.50 EVENT ADMISSION/ \$4 LIMITED SKATE RENTAL



Ring in the New Year on Ice! Bring your family, meet your friends at the Roseville Skating Center for the largest skating party in Minnesota

ROSEVILLE
Skating Center

2661 Civic Center Drive
Roseville, MN 55113
www.skatetheOVAL.com
651-792-7007

Activities Include:

Indoor Skating in Arena

Activities and Entertainment in the upstairs banquet rooms.

Outdoor skating on Olympic size track or enjoy the 4 hockey rinks.



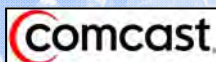
THE
GUIDANT JOHN ROSE
MN OVAL

Winter

SKATE BREAK

SPECIAL HOLIDAY HOURS FOR PUBLIC SKATING AND OPEN HOCKEY

Presented by:



Saturday December 22	1-3pm, 4:15-6:15pm, 7:30-9:30pm
Sunday December 23	12-2pm, 6-8pm
Monday December 24	11am-1pm
Wednesday December 26	11am-1pm, 2-4pm, <i>Track Only</i> 5pm-6:30pm
Thursday December 27	11am-1pm, 2-4pm, <i>Track Only</i> 5-6:30pm
Friday December 28	11am-1pm, 2-4pm, 6-9pm
Saturday December 29	1-3pm, 7:30-9:30pm
Sunday December 30	12-3pm, 6pm-8pm
Monday December 31	11am-1pm, <i>New Years Eve on Ice</i> 2:30-10pm
Tuesday January 1	1-4 pm & 5:30-8:30pm

THE ULTIMATE OUTDOOR SKATING EXPERIENCE

Save the Date

Daddy-Daughter Sweetheart Dance

Friday, February 1 6-8pm
RSC Rose Room 3-10yrs old

Dads, Grandpas, Uncles and other special persons in the lives of a little princess. Pre registration required.

Arts@theOVAL 2013

14th Annual festival of fine arts & fine crafts
March 23- 24, 2013
Roseville Skating Center Banquet Rooms

Roseville Skating Center

www.skatetheOVAL.com

2323 Hamline Ave N Roseville MN 55113

651-792-7007

ROSEVILLE GYMNASTICS CENTER

Roseville Parks & Recreation Department

WINTER SESSION 2012

January 9th – March 10th (9 weeks)

(Please refer to back for class dates)

PRESCHOOL

Boys & Girls ages 3-5

2111.132	Beginner I	Mon	5:00-5:45 pm	\$73
2111.133	Beginner I	Mon	7:00-7:45 pm	\$73
2111.134	Beginner I	Tues	6:00-6:45 pm	\$73
2111.135	Beginner I	Wed	5:00-5:45 pm	\$73
2111.136	Beginner I	Sat	9:00-9:45 am	\$73
2112.131	Beginner II	Mon	6:00-6:45 pm	\$73
2112.132	Beginner II	Tues	5:00-5:45 pm	\$73
2112.133	Beginner II	Wed	7:15-8:00 pm	\$73
2112.134	Beginner II	Sat	10:00-10:45 am	\$73
2113.129	Intermediate	Tues	7:00-8:00 pm	\$94
2113.130	Intermediate	Wed	6:00-7:00 pm	\$94
2113.131	Intermediate	Sat	11:00 am-12:00	\$94

GIRLS

ages 6-14

2121.130	Beginner I	Tues	4:45-5:45 pm	\$78
2121.131	Beginner I	Wed	4:30-5:30 pm	\$78
2121.132	Beginner I	Sat	10:45-11:45 am	\$78
2122.130	Beginner II	Mon	6:15-7:30 pm	\$92
2122.131	Beginner II	Wed	4:30-5:45 pm	\$92
2122.132	Beginner II	Sat	11:45 am-1:00	\$92
2123.127	Intermediate	Wed	6:00-7:30 pm	\$107
2123.128	Intermediate	Sat	9:00-10:30 am	\$107
2124.127	Advanced I	Mon	4:30-6:00 pm	\$107
2124.128	Advanced I	Sat	9:00-10:30 am	\$107
2125.127	Advanced II	Tues	6:00-8:00 pm	\$136
2125.128	Advanced II	Sat	10:30 am-12:30	\$136

Gently used leotards available on-site during the first week of class. Most leotards are just \$5.

All proceeds benefit Roseville Gymnastics Center.

We also accept donations of any of your
out grown gently used leotards

REGISTRATION INFORMATION

REGISTRATION BEGINS NOVEMBER 21st

ONLINE REGISTRATION: www.cityofroseville.com/parks

NON-RESIDENT FEE: \$8.00 for those participants who do not live in Roseville

Registrations can be mailed or will be taken at:

ROSEVILLE PARKS & RECREATION (651) 792-7006
2660 Civic Center Drive Roseville, MN 55113

Classes will be held at: (map on back)

ROSEVILLE GYMNASTICS CENTER (651) 792-7166
1238 W. County Road B-2 Roseville, MN 55113

Registrations will also be taken at the Gymnastics Center during class hours up to one week prior to the start date of the class. We will not take any registrations on the first day of the class.

Class sizes are limited to an 8 to 1 student-teacher ratio. Roseville Gymnastics reserves the right to cancel any class with less than 6 students enrolled. All registrations are first come – first served.

Registration Form Make Checks payable to: ROSEVILLE PARKS & RECREATION

Name _____ Birthdate _____ Phone _____

Address _____ City _____ Zip Code _____

Parent's Name _____ E-mail _____

Class Program # _____ Fees: Class Fee _____ Form of payment ☐ Check ☐ Cash

Level _____ Non Resident Fee _____ ☐ Visa ☐ Mastercard Exp Date _____

Day _____ TOTAL: _____ Credit Card # _____

Time _____ Name on card _____

Tennessee Warning: The information requested on this registration will be used to verify eligibility and determine staff, facility and equipment needs. You/your child's name, age, grade level, address, telephone number and health information will be provided to city staff, volunteers, the city attorney, insurer and auditor. Although you are not legally required to disclose this information, failure to do so will prevent you/your child from participating in the program.

Roseville Gymnastics offers classes for girls and boys ages 3-14 years old. It is our goal to teach in a positive, fun and safe environment. Through gymnastics, we strive to develop self-esteem and physical fitness. Our program is suited for recreational, developmental and competitive gymnasts.

Questions can be answered at:

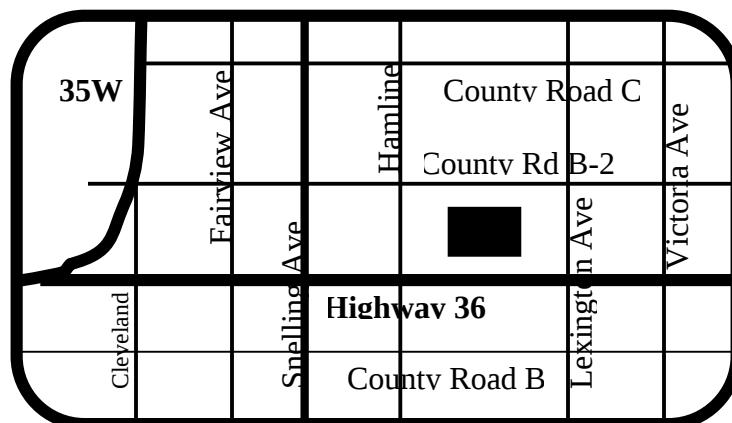
Roseville Parks & Recreation Office
Day hours : 651-792-7006

Roseville Gymnastics Center
Evening hours: 651-792-7166
rosevillegymnastics@comcast.net
website: www.rosevillegymnastics.org

All Classes will be held at:

ROSEVILLE GYMNASTICS CENTER
1238 W. County Road B-2 Roseville, MN 55113
PHONE: (651) 792-7166

Gym is attached to Roseville Area High School North side of the building



WINTER SESSION 2012 January 9th- March 10th (9 weeks)

Classes will meet on the following days:

	<u>MONDAY</u>	<u>TUESDAY</u>	<u>WEDNESDAY</u>	<u>SATURDAY</u>
Week 1	Jan 9	Jan 10	Jan 11	Jan 14
Week 2	Jan 16	Jan 17	Jan 18	Jan 21
Week 3	Jan 23	Jan 24	Jan 25	Jan 28
Week 4	Jan 30	Jan 31	Feb 1	Feb 4
Week 5	Feb 6	Feb 7	Feb 8	Feb 11
Week 6	Feb 13	Feb 14	Feb 15	Feb 18
Week 7	Feb 20	Feb 21	Feb 22	Feb 25
Week 8	Feb 27	Feb 28	Feb 29	March 3
Week 9	March 5	March 6	March 7	March 10

CLASS DESCRIPTIONS

PRESCHOOL

Girls & Boys ages 3-5

Beginner I Teaches basic movement and tumbling skills. Helps to improve body awareness, motor skills, coordination, balance and listening skills. Uses modified equipment with a fun and creative approach to learning.

Beginner II For beginner level preschoolers who have previously taken gymnastics class. Gymnast should have mastered the skills from Beginner I. Must be able to perform a forward roll and donkey kicks on the floor, and walk on a low balance beam unassisted.

Intermediate For preschool gymnasts who have mastered the Beginner II skills. Must be able to perform a bridge on the floor, and walk on the high balance beam. Will begin to transfer skills to the regulation equipment.

Advanced For preschool gymnasts who have mastered skills in the Intermediate level. Must be able to perform a handstand and a cartwheel on the floor, and a pullover on the bars (assisted). This class will prepare the gymnast for the instructional program.

Dyno's An accelerated class for high potential gymnasts ages 4-7. This class prepares the gymnast for USAG competition. Gymnasts are chosen from our preschool and instructional classes based on ability. May register with coaches permission only.

GIRLS

ages 6-14

Beginner I Emphasis is on tumbling skills with exposure to the balance beam, uneven bars, vault and dance. This class is suited for girls who have never taken a gymnastics class before.

Beginner II For beginner level gymnasts who have previously taken a gymnastics class. Gymnast should have mastered skills from Beginner I. Must be able to perform a cartwheel on floor and walk on a high balance beam unassisted. Basic skills are taught on all events.

Intermediate Should have mastered skills from Beginner II. Must be able to perform a handstand forward roll and round-off on the floor and a pullover on the bars. Gymnasts will learn to perfect their basic skills as well as learn more advanced skill on all events.

Advanced I For gymnasts who have mastered skills from the intermediate level. Must be able to perform a backbend-kickover and front limber on the floor, and a back hip circle on the bars. There is an emphasis on strength, flexibility and form.

Advanced II For gymnasts who have mastered skills from the Advanced I level. Must be able to perform a front and back handspring on the floor and a cartwheel on the high balance beam. Prepares the gymnast for high school competition.



Winter 2013 Birding

with Bob Holtz



Try birding in Roseville! Enjoy any or all of this series of birding programs designed to introduce or enhance identification and observation skills. The instructor, **Bob Holtz**, is an active and experienced Roseville birder. He will present indoor slide programs as well as outdoor field trips. Indoor sessions meet at Nature Center, outdoor and carpool sessions meet in Nature Center parking lot. Children 12+ years may attend accompanied by an adult.



Winter Visitors and Permanent Residents

January provides an opportunity to find some species which only visit our area during the winter months. We will visit Central Park and one other location in Roseville.

1255.114 Sa Jan 12 8:30- 10:30 am \$8

Early Migrants

By mid-March a few of our early spring migrants will have returned. Birding at this time provides an opportunity to find and view these early birds.

#1255.115 Sa Mar 16 8:30-10:30 am \$8

Minnesota Shorebirds

Shorebirds are not the easiest group to identify. Since they pass through our area in late April and early May, this is a good time to review their basic characteristics. We will review digital photos and discuss the uniqueness of each species.

#1255.116 Th Apr 18 7:00-8:30 pm \$6



Baird's sandpiper



Woodcock Observation

The American Woodcock is a bird not often seen because the best viewing time is at dusk. We will travel to one of the Ramsey County sites known to support a population of woodcocks. Dress for the weather and time of day.

#1255.117 Tu Apr 23 8:00-9:30 pm \$6

Finding Shorebirds

We will be looking for shorebirds and other spring migrants. Shorebirds must be viewed at a distance sometimes, so if you have a spotting scope, please bring it with you.

#1255.118 Sa Apr 27 8:00-10:00 am \$8

*To register for programs, call Roseville Parks and Recreation at 651-792-7006
or register online at www.CityofRoseville.com/parks/registration*

Harriet Alexander Nature Center

2520 North Dale Street, Roseville, Minnesota 55113

651-765-HANC (4262)

e-mail: hanc@ci.roseville.mn.us www.CityofRoseville.com/hanc





Winter 2012

Non-school Enrichment



After School Programs

EXTREME LEGO: LEVERS

For grades kindergarten through 3rd

New and returning students invited! Build a Snapping Dragon, a cow control and design your own MARSHMALLOW CATAPULT! During each class students will build a different LEGO project and use that project to investigate basic engineering concepts. For instance, the following lever components: fulcrum, load, effort and different classes of levers. Sign up today. LEVERS FOREVER! \$72



#1702.116	M	2:10-3:10pm	Jan 23, Feb 6, 13, 27, Mar 5, 19	PV
#1702.117	Tu	4:10-5:10pm	Jan 24, 31 Feb 7, 14, 28, Mar 6	EDW
#1702.118	W	4:10-5:10pm	Jan 25, Feb 1, 8, 15, 22, 29	BH
#1702.119	Th	3:30-4:30pm	Jan 26, Feb 2, 9, 16, 23, Mar 1	FH

EXTREME LEGO: WHEELS & AXLES

For grades kindergarten through third

New and returning students welcome! Learn to build the fastest racer on your block! During each class students will build different Wheel & Axle mechanisms and investigate how to make them drive faster, for a longer distance, or just plain better. Students will study elements of wheels and axles including: separate axles, single axles, large wheel base, more tread versus less and much more. We incorporate fun races with classmates and keep every student engaged. Ladies and Gentleman, start your engines! \$72



#1702.120	M	2:10-3:10pm	Mar 26, Apr 2, 9, 16, 23, May 7	PV
#1702.121	Tu	4:10-5:10pm	Mar 27, Apr 3, 10, 17, 24, May 1	EDW
#1702.122	W	4:10-5:10pm	Mar 28, Apr 4, 11, 18, 25, May 2	BH
#1702.123	Th	3:30-4:30pm	Mar 29, Apr 5, 12, 19, 26, May 3	FH

Evening & Weekend

Rock Climbing for Everyone ...

10+ years thru Adult

Work with other climbers to reach new heights! Learn the basics of climbing safety, belaying, knot tying, rope handling and movement up and across the wall at the RAMS climbing wall. Take your newly learned climbing skills to Vertical Endeavors (winter session) or Interstate State Park* (Taylor's Falls - spring session) to challenge your new skills and to experience rappelling! Regular \$40, RV Resident \$32

Winter Series: #1802.103	Th	Feb 2, 9, 16	7-8:30pm	RAMS Climbing Wall
	Sa	Feb 25	10am-1pm	Vertical Endeavors
Spring Series: #1802.104	We	Apr 4, 11, 18	7-8:30pm	RAMS Climbing Wall
	Sa	May 5	10am-1pm	Interstate State Park



To register, or for more information about these programs, call (651) 792-7110 or go online to www.CityofRoseville.com/parks



Adult Day Trips

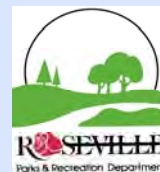
Experience the time honored tradition of an afternoon team at the Avalon Tearoom and Pastry Shoppe. The

custom of afternoon tea is centuries old, yet the finer points of this graceful tradition have been forgotten in the blur of our fast-paced lives. The Avalon Tearoom recaptures the

ambience of a quieter ear where good conversation is shared over delicate foods and a rejuvenating cup of tea. Indicate your lunch selection when registering: Chicken salad croissant, Quiche or Pasta Salad. Before tea enjoy walking around and shopping in downtown White Bear Lake.



Date: Tuesday, January 15, 2012
Cost: \$45
Depart: 9:30am – North Entrance of Roseville Skating Center
Return: 2:30pm, approximately
Program #: 7201.319
Register: By phone with a Visa, Amx, Mastercard – (651) 792-7110
 By Mail or in person at:
 Roseville Parks & Recreation



Registration Deadline:
12/28/12
 or sooner if spaces fill

Requested refunds are
 subject to a service
 fee.

NO refunds after
 deadline

Avalon Tearoom ♦ Tuesday, January 15, 2012 ♦ 7201.319

Name: _____ Phone: _____

Address: _____ City: _____ Zip _____

Seating Partner Request: _____

Special Needs, Dietary Needs, Accommodations, or Allergies: _____

Meal Choice: _____

Birthdate: _____ Fee: _____ Total amount enclosed _____

Visa/ MC/AMX Act # _____ Exp _____

Cardholder Name _____

Date: _____ Signature: _____

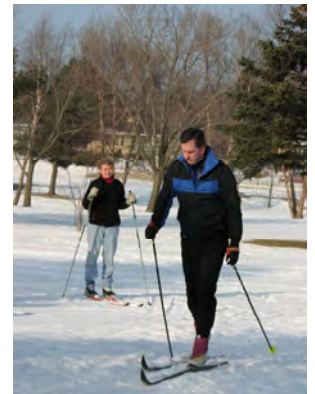


Winter Recreation

Cross Country Ski Classes

Cross Country Skiing is a great way to enjoy winter. Classes meet at Cedarholm Golf Course, 2323 Hamline Avenue North. Limited to 12 persons per class. Minimum age of eight unless accompanied by adult. Register no later than one week before class date. Beginners and advanced beginners combined in same class. Register online at www.cityofroseville.com/parks, in person, thru mail or by phone using your VISA or MasterCard. Cost is \$37 Regular, \$29 Roseville Resident. Classes subject to cancellation due to weather conditions and insufficient enrollment so be sure to register early! Wear layered clothing to class.

Day	Date	Time	Program#
Sat., Sun.	Jan. 7, 8	1-3pm	#5400.146
Sat., Sun.	Jan. 21, 22	1-3pm	#5400.147



Cross Country Ski Equipment Rentals

Rentals available at the Roseville City Hall Campus, 2660 Civic Center Drive (Lexington Ave and County Road C). Call 651-792-7006 for rental information. Skis generally fit ages 12 and older.

Fees: \$13 for 24 hour rental for skis, boots and poles (\$5 each if rented separately). Weekend rate: \$24 Friday-Sunday. Special \$8 rental fee for January class participants—call ahead to make arrangements. Note: Checks are preferred for rentals. Loss or damage of the ski equipment will be the responsibility of the renter.



Candlelight Snowshoeing

Friday, February 3

Snowshoe on candlelit trails throughout the marsh and woodlands of the Harriet Alexander Nature Center, 2520 North Dale Street. Enjoy hot chocolate afterwards in the Nature Center. Ages 12+. If you need to rent equipment call 651-765-4262. Limited snowshoes available so call early. There is an extra charge of \$5 to rent each pair. Registration deadline January 28.

#5400.149	F	Feb 3	7-9pm	\$6/person
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Snowshoe Rentals

Try this fun, traditional form of travel and get great exercise. Follow animal tracks and see the hidden wonders of nature.

Adult and child sizes available. Call ahead at 651-792-7012 to make arrangements. Driver's license or state ID needed for rental.

Single Days: \$5 per pair for 24 hours.

Weekends: \$12 per pair (Friday-Monday)



Outdoor Rinks

Skate at the OVAL or one of Roseville's neighborhood rinks. Visit **www.cityofroseville.com/parks** for more information or call the OVAL at 651-792-7191 for recorded message on open skating times.



Blizzard Ski and Snowboard Instruction

Ages 6-18

For beginners to experts, experience the ultimate in skiing, snowboarding and racing instruction! Blizzard Ski and Snowboard School knows that when you achieve, you have more fun! Top quality staff teach you to improve your skiing or boarding on groomed runs and park terrain in six different metro ski and snowboard areas. Provide your own food and gear (season long rentals available), we provide the rest. Saturday or Sunday classes available.

Weekly trip fees approximately \$58, which covers bus transportation and lift ticket. If you can't attend a week, you don't pay for it. Dates vary by age. Approximate times 8am – 5:30pm. Bus pick-up: Roseville Skating Center. Register at **www.blizzardmn.com** or 763-559-EDGE.



Holiday Gift Ideas

Make Cedarholm Golf Course your
Holiday Shopping Destination.

GIVE THE GIFT OF GOLF!

Custom Apparel, Golf Gear, Gift Certificates



Gift Certificate options are:

- Rounds of Golf
- Cart and Golf Package
- Golf & Meal Combo
- Cedarholm Bucks

