Mayor:
Dan Roe

Councilmembers:
Jason Etten
Lisa Laliberte
Tammy McGehee
Robert Willmus

City of ROSEVILLE Minnesota, USA

City Council Agenda
Monday, May 21, 2018
City Council Chambers

Address:
2660 Civic Center Dr.
Roseville, MN 55113

Phone:
651-792-7000

Website:
www.cityofroseville.com

1. 6:00 P.M. Roll Call
   Voting & Seating Order: McGehee, Willmus, Laliberte, Etten and Roe
2. 6:01 P.M. Pledge of Allegiance
3. 6:02 P.M. Approve Agenda
4. 6:05 P.M. Public Comment
5. Recognition, Donations and Communications
6. 6:10 P.M. Items Removed from Consent Agenda
7. Business Items

7.A. 6:15 P.M. Public Hearing for Transfer of Off-Sale Liquor License

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENT.PDF

7.B. 6:20 P.M. Consider a Minor Plat for Roseville Center for the consolidation of two lots into one lot at 1121-1169 Larpenteur Avenue (PF18-005).

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENTS.PDF

7.C. 6:30 P.M. Authorize distribution of the draft 2040 Comprehensive Plan update to neighboring communities for 6-month review

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENTS.PDF

7.D. 7:10 P.M. Approve Grading Ordinance Amendment and Establish and Ordinance Regulating Storm Water Best Management Practices

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENTS.PDF

7.E. 7:25 P.M. Approve Fats, Oils, Grease (FOG) Ordinance

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENTS.PDF

8. 7:40 P.M. Approve Minutes
Approve City Council/REDA Minutes - May 7

9. 7:45 P.M. Approve Consent Agenda

9.A. AP-Approval of Payments

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENT.PDF

9.B. Consent Agenda - Temporary On-Sale Liquor License

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENT.PDF

9.C. Approve General Purchases or Sale of Surplus Items Exceeding $5,000

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENTS.PDF

9.D. Approve a Resolution to Accept the Work Completed, Authorize Final Payment, and Commence the One-Year Warranty Period on the 2017 Roseville Utility Improvements

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENTS.PDF

9.E. Approve 2018 City Manager Goals

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENT.PDF

9.F. Approve Contract for a Human Resources Information System Upgrade

Documents:

REQUEST FOR CITY COUNCIL ACTION AND ATTACHMENT.PDF

10. 7:50 P.M. Council and City Manager Communications, Reports and Announcements

11. 7:55 P.M. Councilmember Initiated Future Agenda Items and Future Agenda Review

12. 8:00 P.M. Adjourn

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **7.a**

Department Approval

City Manager Approval

Item Description: Public Hearing to Consider the Approval to transfer an Off Sale Liquor License and issue a Cigarette/Tobacco Products License to Five Stars Power Inc, dba Chuchao Liquor located at 700 County Rd B West.

BACKGROUND

Roseville Liquors, dba Chuchao Liquor, located at 700 County Rd B West, is in the process of transferring ownership of the store to Five Stars Power Inc. Five Stars Power Inc. will be keeping the same establishment name, Chuchao Liquor, after the transfer.

City Code permits a maximum of 10 Off-Sale Liquor Licenses within the city and no limit to the number of Cigarette/Tobacco Products License. The City currently has 10 issued licenses and upon the approval of transfer, Roseville Liquors, dba Chuchao Liquor will be forfeiting their rights to their off-sale liquor license for the remainder of 2018.

Under State Statute 340A.412 and City Code Chapter 302.07B, the acquisition of an existing off-sale retail location is effectively categorized as a transfer of an existing license; for which City Council consent is required. The City Code reads as follows:

> ***Person and Premises Licensed; Transfer****: Each license shall be issued only to the applicant and for the premises described in the application. No license may be transferred to another person or place without City Council approval. Before a transfer is approved, the transferee shall comply with the requirements for a new application. Any transfer of the controlling interest of a licensee is deemed a transfer of the license. Transfer of a license without prior City Council approval is a ground for revocation of the license. (Ord. 972, 5-13-1985) (Ord. 1390, 3-29-2010)*

Specific to City Code, Five Stars Power Inc.'s application materials are considered complete and in full compliance with City documentation requirements.

POLICY OBJECTIVE

Required by City Code.

FINANCIAL IMPACTS

Not applicable.

STAFF RECOMMENDATION

City Staff recommends that the City Council approve the transfer of the Off-Sale Liquor License and issuance of the Cigartette/Tobacco Products License.

REQUESTED COUNCIL ACTION

Motion to approve the transfer of the Off-Sale Liquor License and the issuance of a Cigarette/Tobacco License to Five Stars Power Inc.

Prepared by: Chris Miller, Finance Director
Attachments: A: Application from Five Stars Power Inc.

Minnesota Department of Public Safety
ALCOHOL AND GAMBLING ENFORCEMENT
445 Minnesota Street, Suite 222, St. Paul, MN 55101
OFFICE (651) 201-7507 FAX (651) 297-5259 TTY (651) 282-6555
DPS.MN.GOV

APPLICATION FOR OFF SALE INTOXICATING LIQUOR LICENSE

No license will be approved or released until the $20 Retailer ID Card fee is received

PLEASE COMPLETE THIS APPLICATION IN ITS ENTIRETY.
INCOMPLETE APPLICATIONS WILL BE RETURNED WITHOUT ACTION.

Licensee's MN Sales and Use Tax ID # 5605796 To apply for a MN sales and use tax ID #, call (651) 296-6181

Licensee's Federal Tax ID # 82-5384597 Licensees must register with the Federal Tax and Trade Bureau (TTB), for information call (513) 684-2979 or 1-800-937-8864

Applicant:

Licensee Name (Applicant)	Business Name (DBA)		Social Security #
Five Stars Power Inc.	Chuchao Liquor		
Licensee Location (Physical Address)	License Period		DOB (Individual Applicant)
700 County Rd B West	From 05/21 To 12/31		
City	County	State	Zip Code
Roseville	Ramsey	MN	55113
E-mail Address	Business Phone Number		Applicant's Home Phone #
	488-1070		

If a Corporation, LLC, or Partnership - state name, date of birth, Social Security # address, title, and Percent Owned by each officer.

Partner Officer (First, middle, last)	DOB	SS#	Title	Percent	Address, City, State, Zip Code
Kou Xiong			Owner	99.0%	
Partner Officer (First, middle, last)	DOB	SS#	Title	Percent	Address, City, State, Zip Code
Lee Thao				1.0%	
Partner Officer (First, middle, last)	DOB	SS#	Title	Percent	Address, City, State, Zip Code
				0.0%	
Partner Officer (First, middle, last)	DOB	SS#	Title	Percent	Address, City, State, Zip Code
				0.0%	

1. If a corporation, date of incorporation May 1, 2018, state incorporated in Minnesota If a subsidiary of any other corporation, so state _____.
   If incorporated under the laws of another state, is corporation authorized to do business in the state of Minnesota?
   ☐ Yes ☐ No
2. Describe premises to which license applies; such as (first floor, second floor, basement, etc.) or if entire building, so state. First Floor
3. Is establishment located near any state university, state hospital, training school, reformatory or prison?
   ☐ Yes ☑ No. If yes, state approximate distance. _____
4. Name and address of building owner Chou C Vang, 6518 Ware Rd, Lino Lakes, MN 55130
   Has owner of building any connection, directly or indirectly, with applicant? ☐ Yes ☑ No

5. Is/are applicant(s), a member of the governing body of the municipality in which this license is to be issued? ☐ Yes ☑ No If Yes, in what capacity? _____

6. Have applicants any interest whatsoever, directly or indirectly, in any other liquor establishment in the state of Minnesota? ☐ Yes ☑ No If yes, give name and address of establishment. _____

7. Are the premises now occupied or to be occupied by the applicant entirely separate and exclusive from any other business establishment? ☑ Yes ☐ No

8. State whether applicant has or will be granted, an On Sale Liquor License in conjunction with this Off Sale Liquor License and for the same premises. ☐ Yes ☑ No ☐ Will be granted

9. State whether applicant has or will be granted a Sunday On Sale Liquor License in conjunction with the regular On Sale Liquor License. ☐ Yes ☑ No ☐ Will be granted

10. If this application is for a County Board Off Sale License, state the distance in miles to the nearest municipality. _____

11. If this license is being issued by a County Board, has a public hearing been held as per MN Statute 340A.405 sub2(d)? _____

12. If this license is being issued by a County Board, is it located in an organized township? **If so, attach township approval.**

Violations

1. Has applicant(s) had a liquor license revoked in the last 5 years; ☐ Yes ☑ No If so, give dates and details. _____

2. Has applicant, partners, officers, or employees ever had any liquor law violations or felony convictions in Minnesota or elsewhere? ☐ Yes ☑ No
If yes, give dates, charges and final outcome _____
_____
_____

3. During the past license year, has a summons been issued under the Liquor Civil Liability Law (Dram Shop) M.S. 340A.802. ☐ Yes ☐ No If yes, attach a copy of the summons.

REPORT BY POLICE\SHERIFF'S DEPARTMENT

This is to certify that the applicant and the associates named herein have not been convicted within the past five years for any felonies or municipal ordinances relating to intoxicating liquor except as follows:

_____
_____

_____ _____ _____
Police/Sheriff's Department Title Signature

_____
County Attorney's Signature

ROSEVILLE

Finance Department, License Division
2660 Civic Center Drive, Roseville, MN 55113
(651) 792-7036

Cigarette/Tobacco Products License Application

Note: All applicants are subject to a background check as a part of the license approval process. Background check procedures may take up to 30 days to complete.

Business Name Five Stars Power Inc DBA-Chuchao Liquor

Business Address 700 County Road BW Roseville, MN 55113

Business Phone 651-488-1070

Email Address

Person to Contact in Regard to Business License:

Name Kou Xiong

Address

Phone

I hereby apply for the following license(s) for the term of one year, beginning July 1, 2018, and ending June 30, 2019, in the City of Roseville, County of Ramsey, State of Minnesota.

License Required	Fee
Cigarette/Tobacco Products	$200.00

The information that you are asked to provide on the application is classified by State law as either public, private or confidential. All data will constitute public record if and when the license is granted. Our intended use of the information is to perform the background check procedures required prior to license issuance. If you refuse to supply the information, the license application may not be processed.

The undersigned applicant makes this application pursuant to all the laws of the State of Minnesota and regulation as the Council of the City of Roseville may from time to time prescribe, including Minnesota Statue #176.182.

Signature

Date 5-4-18

If completed license should be mailed somewhere other than the business address, please advise.

ROSEVILLE

REQUEST FOR CITY COUNCIL ACTION

Agenda Date: **5/21/18**
Agenda Item: **7.b**

Department Approval

City Manager Approval

Item Description: Consider a Minor Plat for Roseville Center for the consolidation of two lots into one lot at 1121-1169 Larpenteur Avenue (**PF18-005**).

APPLICATION INFORMATION

Applicant:	Brixmor SPE5 LLC
Location:	1121-1169 Larpenteur Avenue
Application Submission:	04/12/18; deemed complete 04/19/18
City Action Deadline:	08/10/18 – 120 days
Planning File History:	None

LEVEL OF DISCRETION IN DECISION MAKING: Actions taken on a Minor Plat request are **quasi-judicial**; the City's role is to determine the facts associated with the request, and weigh those facts against the legal standards contained in State Statute and City Code.

BACKGROUND

Brixmor SPE5, LLC, seeks consideration of a Minor Plat to consolidate two lots into one lot on the property commonly known as Roseville Center (1121-1169 Larpenteur Avenue). To be processed as a Minor Plat, the proposal needs to meet the following criteria:

A. Minor Plat

1. Purpose: The Minor Plat process may be used when all of the following criteria are present. All other subdivision proposals that do not fall within the regulations listed herein shall be submitted for the review by the Planning Commission and the approval of the City Council in accordance with the Major Plat process established in this Chapter.

    a. The proposal subdivides or consolidates existing lots of record resulting in three or fewer lots.

    b. The subject property is adequately served by public utilities and right-of-way, and no further utility or right-of-way is necessary.

    c. The anticipated development on the lot or lots resulting from the proposed subdivision or consolidation is supported by the Comprehensive Plan land use designation applicable to the subject property.

    d. The existing or anticipated development on the lot or lots resulting from the proposed subdivision or consolidation conforms, or is made to conform, to the zoning regulations applicable to the subject property.

e. The proposed subdivision does not qualify for park dedication under the requirements established in Section 1103.06 of this Title.

STAFF REVIEW OF PRELIMINARY PLAT

The Planning Division has determined that the proposed consolidation complies with all of the necessary criteria; therefore it can be processed as a Minor Plat.

The proposed plat consolidates the two existing lots that encompass the property (Lot 2 and Lot 3, Block 1, Roseville Center) into a single lot.

Plat proposals are reviewed primarily for the purpose of ensuring that all proposed lots meet the minimum size requirements of the zoning code, adequate streets and other public infrastructure are in place or identified/constructed, and that storm water is addressed to prevent problems either on nearby property or within the storm water system. As a Minor Plat of a community business-zoned property, neither the zoning nor subdivision codes establish minimum requirements for area or width of lots, but the proposal is subject to other requirements established in Title 11, Subdivision, of the City Code. Similarly, as a developed property, the City would not require any specific storm water management. Such requirements would be applicable, as well as many other Zoning requirements/standards, if or when the site is redeveloped in partial or total. The City Engineer will require a five foot wide utility and drainage easement along the north portion of the plat adjacent to Dionne Street.

SUGGESTED CITY COUNCIL ACTION

Based on the information provided in the report, the Planning Division recommends the City Council adopt a Resolution approving the Minor Plat, consolidating Lots 2 and 3, Block 1, Roseville Center into Lot 1, Block 1, Roseville Center Second Addition, subject to the following condition:

a. A five foot wide utility and drainage easement along the north portion of the plat adjacent to Dionne Street

ALTERNATIVE ACTIONS

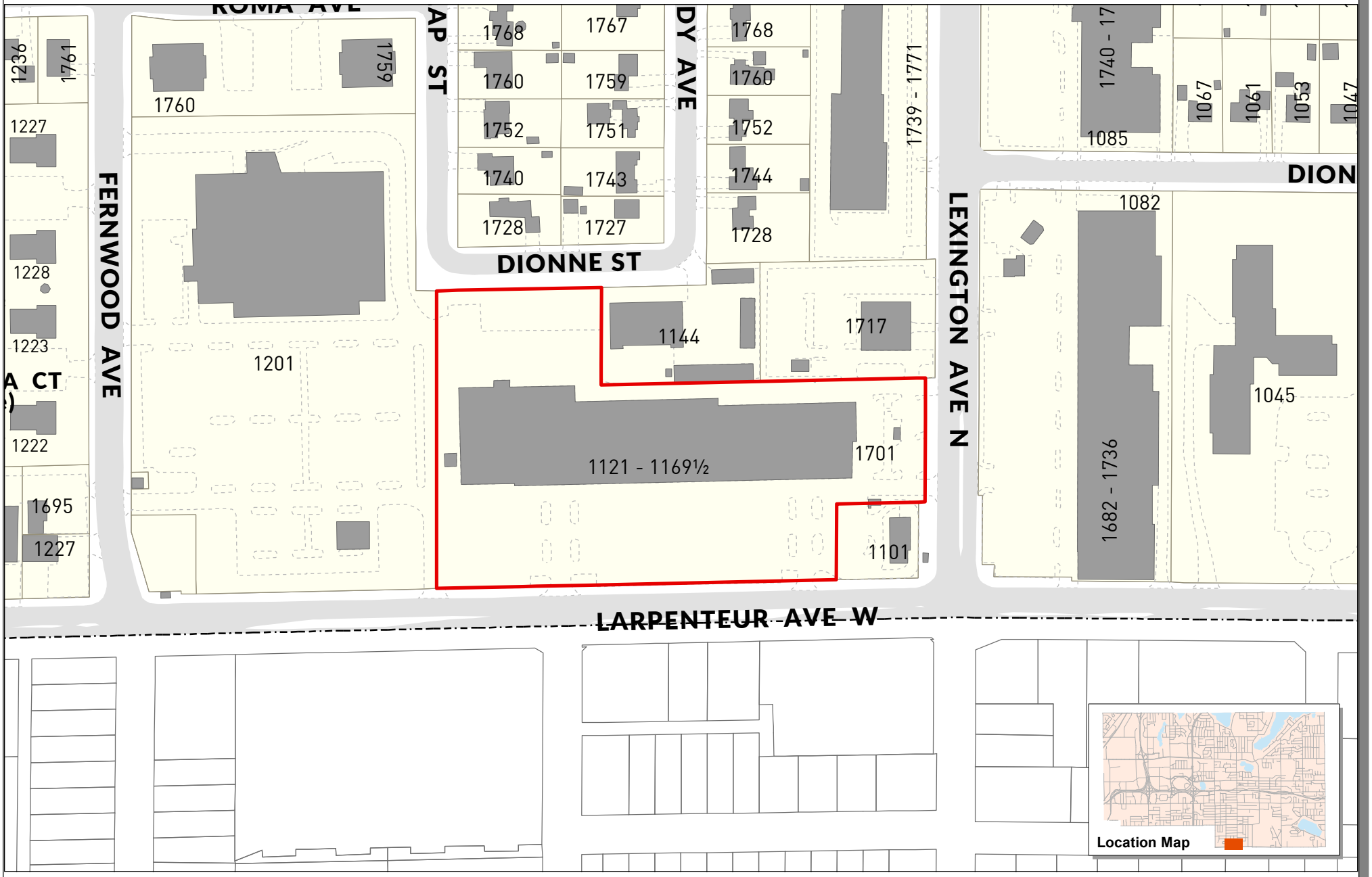
a. Pass a motion to table the item for future action. An action to table must be tied to the need for clarity, analysis, and/or information necessary to make a recommendation on the request.

b. Pass a motion recommending denial of the proposal. A motion to deny must include findings of fact germane to the request.

Report prepared by: **Thomas Paschke, City Planner**
651-792-7074
thomas.paschke@cityofroseville.com

Attachments:
A. Base map
B. Aerial photo
C. Proposed Minor Plat
D. Draft resolution

Attachment A for Planning File 18-005



ROSEVILLE

Prepared by:
Community Development Department
Printed: May 16, 2018

Site Location

Data Sources

* Ramsey County GIS Base Map (5/5/2018)

For further information regarding the contents of this map contact:
City of Roseville, Community Development Department,
2660 Civic Center Drive, Roseville MN

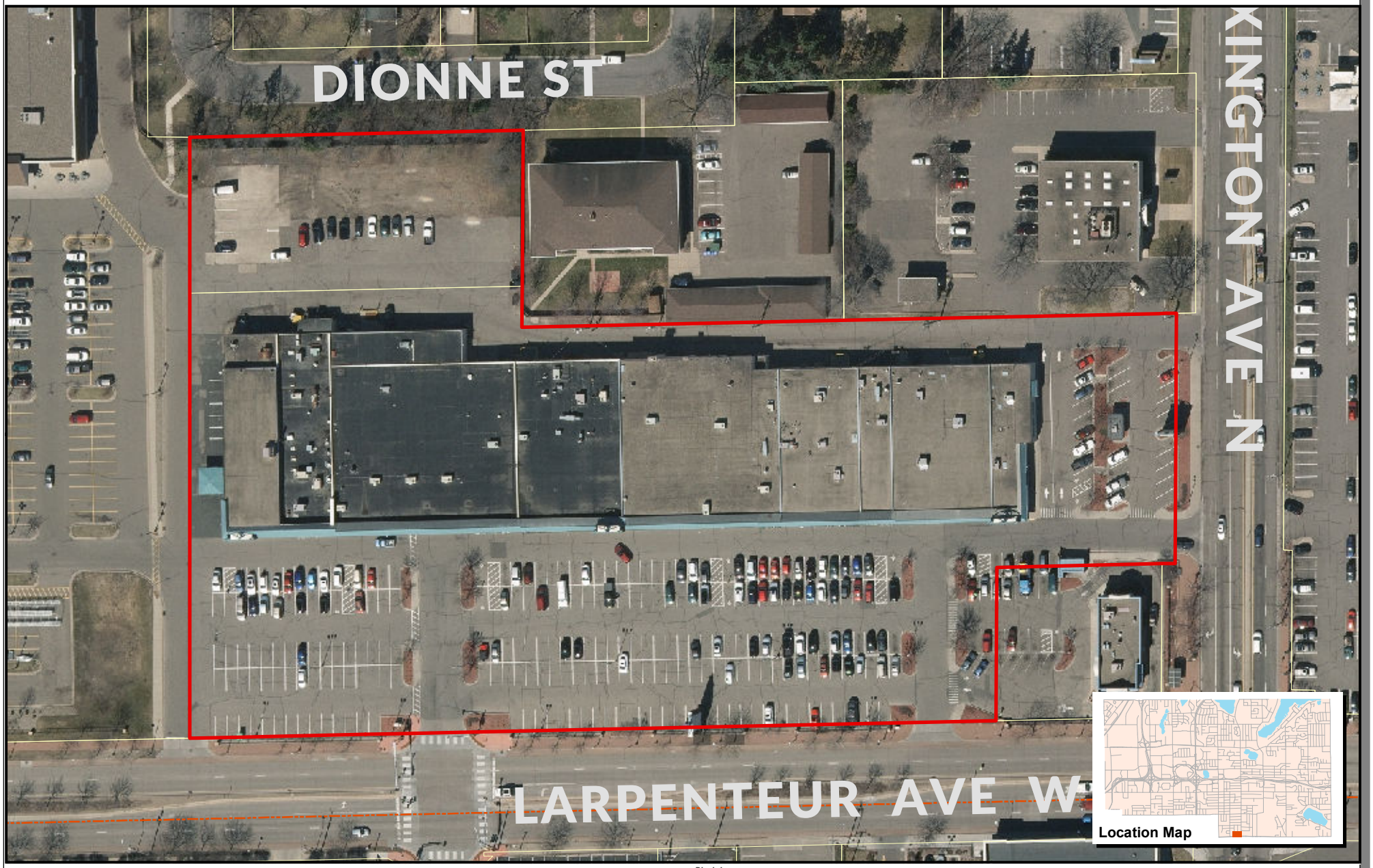
Disclaimer

This map is neither a legally recorded map nor a survey and is not intended to be used as one. This map is a compilation of records, information and data located in various city, county, state and federal offices and other sources regarding the area shown, and is to be used for reference purposes only. The City does not warrant that the Geographic Information System (GIS) Data used to prepare this map are error free, and the City does not represent that the GIS Data can be used for navigational, tracking or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. If errors or discrepancies are found please contact 651-792-7085. The preceding disclaimer is provided pursuant to Minnesota Statutes §466.03, Subd. 21 (2000), and the user of this map acknowledges that the City shall not be liable for any damages, and expressly waives all claims, and agrees to defend, indemnify, and hold harmless the City from any and all claims brought by User, its employees or agents, or third parties which arise out of the user's access or use of data provided.

0 100 200 Feet

N

Attachment B for Planning File 18-005



ROSEVILLE

Prepared by:
Community Development Department
Printed: May 16, 2018

Site Location

Data Sources
* Ramsey County GIS Base Map (5/5/2018)
* Aerial Data: Sanborn (4/2017)

For further information regarding the contents of this map contact:
City of Roseville, Community Development Department,
2660 Civic Center Drive, Roseville MN

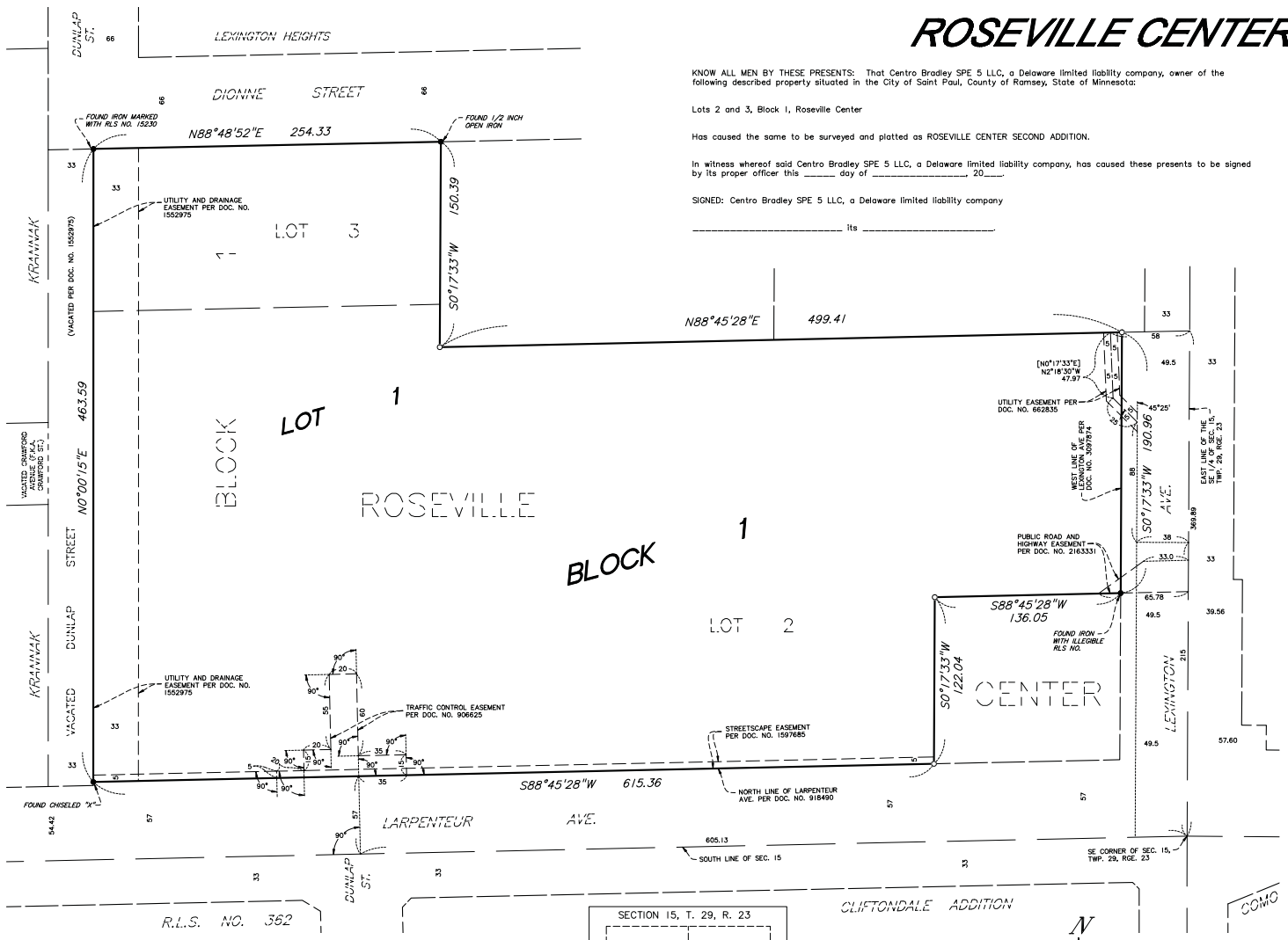
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0 50 100 Feet

N

OFFICIAL PLAT

ROSEVILLE CENTER SECOND ADDITION

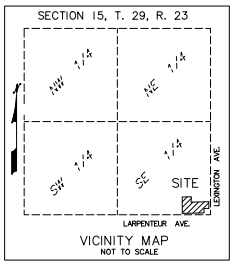


PRELIMINARY
SUBJECT TO REVISION

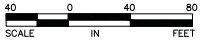
● Denotes found iron monument

o Denotes set 1.17 inch diameter copper magnetized marker with disc cap affixed stamped LS 15480

Orientation of this bearing system is based upon Ramsey County Coordinates, North American Datum of 1983, final adjustment December 17, 1991



VICINITY MAP
NOT TO SCALE





KNOW ALL MEN BY THESE PRESENTS: That Centro Bradley SPE 5 LLC, a Delaware limited liability company, owner of the following described property situated in the City of Saint Paul, County of Ramsey, State of Minnesota:

Lots 2 and 3, Block 1, Roseville Center

Has caused the same to be surveyed and platted as ROSEVILLE CENTER SECOND ADDITION.

In witness whereof said Centro Bradley SPE 5 LLC, a Delaware limited liability company, has caused these presents to be signed by its proper officer this _____ day of _____, 20____.

SIGNED: Centro Bradley SPE 5 LLC, a Delaware limited liability company

_____ its _____.

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me this _____ day of _____, 20____, by _____, _____ of said Centro Bradley SPE 5 LLC, a Delaware limited liability company, on behalf of said company.

_____

_____

Notary Public, _____
My Commission Expires _____

I, Mark S. Hanson, Professional Land Surveyor, do hereby certify that I have surveyed or directly supervised the survey of the property described on this plat; prepared this plat or directly supervised the preparation of this plat; that this plat is a correct representation of the boundary survey; that all mathematical data and labels are correctly designated on this plat; that all monuments depicted on this plat have been correctly set; that all water boundaries and wet lands, as defined in Minnesota Statutes, Section 505.01, Subd. 3, as of the date of the surveyor's certification are shown and labeled on this plat; and all public ways are shown and labeled on this plat.

Dated this _____ day of _____, 20____.

_____
Mark S. Hanson, Professional Land Surveyor
Minnesota License No. 15480

STATE OF MINNESOTA
COUNTY OF HENNEPIN

The foregoing Surveyor's Certificate was acknowledged before me on this _____ day of _____, 20____, by Mark S. Hanson, a Professional Land Surveyor.

_____

_____

Notary Public, Minnesota
My Commission Expires January 31, 20____

CITY OF ROSEVILLE, MINNESOTA

We do hereby certify that on the _____ day of _____, 20____, the City Council of the City of Roseville, Minnesota, approved this plat. Also, the conditions of Minnesota Statutes, Section 505.03, Subd. 2, have been fulfilled.

Signed: _____ Mayor

Signed: _____ Manager

DEPARTMENT OF PROPERTY RECORDS AND REVENUE

Pursuant to Minnesota Statutes, Section 505.021, Subd. 9, taxes payable in the year 20____ on the land hereinbefore described have been paid. Also, pursuant to Minnesota Statutes, Section 272.12, there are no delinquent taxes and transfer entered this _____ day of _____, 20____.

_____ By _____ Deputy
Department of Property Records and Revenue

COUNTY SURVEYOR

Pursuant to Minnesota Statutes, Section 383A.42, this plat is approved this _____ day of _____, 20____.

_____
Craig W. Hinzman, L.S.
Ramsey County Surveyor

REGISTRAR OF TITLES, COUNTY OF RAMSEY, STATE OF MINNESOTA

I hereby certify that this plat of ROSEVILLE CENTER SECOND ADDITION was filed in the office of the Registrar of Titles for public record on this _____ day of _____, 20____ at _____ o'clock ___.M. and was duly filed in Book _____ of Plats, Page _____, as Document Number _____.

_____
Deputy Registrar of Titles

SUNDE LAND SURVEYING

Attachment D

EXTRACT OF MINUTES OF MEETING OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE

Pursuant to due call and notice thereof, a regular meeting of the City Council of the City of Roseville, County of Ramsey, Minnesota, was held on the 21st day of May, 2018 at 6:00 p.m.

The following Members were present:

and _____ were absent.

Council Member _____ introduced the following resolution and moved its adoption:

RESOLUTION NO.

A RESOLUTION APPROVING THE MINOR PLAT OF

ROSEVILLE CENTER SECOND ADDITION

WHEREAS, Brixmor SPE5, LLC, has applied for approval of a Minor Plat at Roseville Center, 1121-1169 Larpenteur Avenue, which is legally described as:

Lot 1, Block 1, Roseville Center Second Addition

And WHEREAS, the Roseville Planning Division has determined that the proposed Minor Plat, a consolidation of two existing lots into a single lot, complies with all criteria to be deemed a Minor Plat and only requires a utility and drainage easement along the northern property line adjacent to Dionne Street; and; and

WHEREAS, the Roseville City Council, has determined that the proposed consolidation of two lots into one lot at Roseville Center (1121-1169 Larpenteur Avenue) can be approved as a Minor Plat; and

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville, Minnesota, approves the Minor Plat of Roseville Center Second Addition, subject to the following condition:

a. A five foot wide utility and drainage easement along the north portion of the plat adjacent to Dionne Street

The motion for the adoption of the foregoing resolution was duly seconded by Council Member _____ and upon a vote being taken thereon, the following voted in favor: _____ and _____ voted against.

WHEREUPON said resolution was declared duly passed and adopted.

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **7.c**

Department Approval

City Manager Approval

Item Description: Authorize distribution of the draft 2040 Comprehensive Plan update to neighboring communities for 6-month review

BACKGROUND

Over the last year the Roseville Planning Commission has performed a significant review of the draft 2040 Comprehensive Plan. The City Council meeting on March 19 was dedicated to a full review of the plan as a whole, and specific changes to the draft plan discussed by the City Council were incorporated into the draft subsequently reviewed by the Planning Commission during the April 4, 2018, public hearing. Feedback from the public hearing was, in turn, incorporated into the full draft reviewed by the City Council on May 7. During this meeting, it was made clear that further editing would continue occuring in the coming months to address feedback from the Metropolitan Council's preliminary review, as may be necessary, and to change the icon used to call out goals and policies that advance equity, but that the only further change to the draft comprehensive plan update before distributing it to neighboring communities would be to incorporate updated population estimates. This change is has been incorporated into Table 3-9 and Table 4-2 of the draft plan.

PUBLIC COMMENT

The City Council reviewed and received public comment on the full draft comprehensive plan update at its May 7, 2018, meeting; the draft minutes from this discussion are included with this RCA as Attachment A. No additional communications from the public have been received at the time this report was prepared.

NEXT STEPS

Once the City Council is satisfied that the draft 2040 Comprehensive Plan reflects the desired content, the draft document will be distributed to Roseville's 22 adjacent and overlapping jurisdictions for their formal review. State law requires communities to allow six months for this review, but a community does not have to wait for the full six months to elapse if comments are received from all of the reviewing communities sooner. While it is possible that all jurisdictions reviewing Roseville's plan will submit their comments before the six-month period elapses, it is critical that the timeline for submitting the final adopted comprehensive plan account for the full six months. With this in mind, the schedule of public meetings and observed holidays in November and December makes accommodating delays very difficult without scheduling special meetings.

STAFF RECOMMENDATION

By motion, authorize staff to distribute the draft 2040 Comprehensive Plan update for formal review. This City Council action does not represent final approval of the document. For this reason, a simple majority vote is sufficient to authorize the distribution of the plan, in contrast to the four-fifths supermajority vote required for formal approval of the comprehensive plan update, which will

not occur until sometime in 2019, after it has been submitted to, and fully vetted by, the Metropolitan Council.

REQUESTED COUNCIL ACTION

Pass a motion authorizing staff to distribute the draft 2040 Comprehensive Plan update for formal review.

ALTERNATIVE COUNCIL ACTION

Provide further guidance regarding the draft 2040 Comprehensive Plan update in preparation for authorizing staff to distribute the draft 2040 Comprehensive Plan update for formal review at the June 4, 2018, meeting with the understanding that delaying authorization to distribute the plan for the six-month review may necessitate the scheduling of additional City Council after December 4, 2018.

Prepared by: Bryan Lloyd, Senior Planner, City of Roseville
Attachments: A: May 7, 2018, draft City Council minutes
B: Draft 2040 Comprehensive Plan

b. Review the draft 2040 Comprehensive Plan update and authorize distribution to neighborhood communities for 6-month review

Senior Planner Lloyd briefly introduced the revised Comp Plan and invited Ms. Perdu to present the revisions.

WSB Consultant Erin Perdu noted that the document before the Council tonight is a revised plan of the complete 2040 Comp Plan. A public hearing has been held since then at the Planning Commission, and revisions have been made based upon that feedback. She provided an overview of the changes. Changes have been made to readability, the equity topic, and the What We Heard section was streamlined. She highlighted some of the readability edits, including colors, fonts, and tables. Structural changes were made, doing some scrubbing for repetitive language. A small table of contents was made at the beginning of each chapter. Goals and strategies are in the same format and area in each chapter. With regard to equity, that language has been broadened throughout the document. A new icon has been added to call out goals and strategies.

Ms. Perdu also highlighted the Land Use chapter. The PC hearing had some concern with regard to HarMar Mall. One of the concept sketches was changed from a popup cinema to a plaza. The previous area that was a plaza is now a food truck area. In the Housing section, there is more discussion of single-family housing as it contributes to existing affordability inventory in the City. She also presented the future land use map. The plan was submitted to the Met Council for preliminary review in February. This is a courtesy technical review; it is not required. They take a look through the draft plan and highlight inconsistencies that would prevent the plan being approved by the Met Council. A copy of their comments was received in April, and there are a lot of advisory comments in the letter. What the Met Council marked as inconsistencies or incomplete have already been corrected. A couple of outstanding things will continue to be worked on from now until it is submitted again in six months. The Met Council review did not find any major inconsistencies with Council policies.

Ms. Perdu continued that the Met Council is suggesting an update of their own forecast for the City of Roseville. Their original forecast was done in 2015, using 2014 population estimates. In doing so, their 2016 population estimates made it look Roseville's population was dipping, which was not accurate. Therefore, they have updated the population forecast, not the households or employment. They will update the forecast that the population will grow slightly, so there is not a negative number. They also adjusted persons per household. The table has been updated in the draft document. The changes made do not change affordable housing population or future land use or how density numbers meet their forecast. Most of this is very technical language.

City Planner Lloyd noted the timeline on page 4 of the staff report. The Council had considered reviewing the Comp Plan and authorizing distribution to surrounding communities on May 21st. As Ms. Perdu mentioned, six months' review time must be allowed for. Most of the comments will come in much sooner. Some may never come in, because they have other things to work on. If the full six-

month period needs to expire, that gets the City to November. There will be time to prepare a packet for the December Council meeting to submit the final plan to the Met Council. This gets potentially tight at the end of that timeframe. Staff recommends discussing the draft of the plan tonight and considering making the authorizing to distribute to surrounding communities.

Councilmember McGehee thanked staff for their work on this. This was not intention that so much of the work was done by the staff. It is greatly appreciated. She commented that this was supposed to be simple technical update of the other Comp Plan. Instead it turned out to be a significant rewrite. It is not possible to get people to engage if they are not willing to engage. She would like to have discussion on the City's zoning code, impervious surface, heights of buildings in high-density areas, walkability, parking lot issues, and transportation issues. She believes the City has to have an overarching vision that matches with its policies that she is not sure is in place. This does not have any financial piece associated with it. For the Council, one thing that has bothered her about the issue of sustainability is affordability. She would like to think of some strategic ideas for the City, because it is an almost ideal location in terms of the kinds of things that can be done. She wants strategic planning to be part of the process.

Councilmember Willmus commented that over the last few years, housing costs have rapidly outpaced wages. Other communities are dealing with that too. It is something to be mindful of and plan for. With regard to the Met Council, they would like a chance for six months' review with no changes.

Ms. Perdu commented that the Met Council process is different than the six-month process for adjacent communities.

Councilmember Willmus recalled that the Met Council has discussed expanding their timeline for review.

Councilmember Laliberte recalled at a Metro Cities meeting, there was a discussion on a six-month freeze on Comp Plan changes.

Community Development Director Collins provided an update on the issue: originally, the plan was to start a moratorium in June for a six-month period, to allow the Met Council to review Comp Plans. However, they received an outcry from the development community. The Met Council Board will be meeting next month to look at delaying the moratorium until December, still for a period of six months.

Mayor Roe asked what happens if an amendment is submitted during that time period.

Community Development Director Collins clarified it does not halt the City's process. It halts the Comp Plan amendment from getting approved.

Councilmember Willmus commented that a future date, maybe the Council can take up a resolution suggesting the Met Council to back away from that type of timeline. He also asked about the importance of starting off with the narrative with the land history from 500 million years ago. He asked why that section does not begin from when Roseville began zoning property.

City Planner Lloyd commented that is an excerpt from a 2002 planning effort, which provided a longer historical document. The point is that the City's earlier traditional planning efforts did not have equity as a concern or a lens. In this case, there was a document that is rich about the history of the natural environment and skipped to 1850 when settlers began arriving in St. Paul. There is quite a lot of history of that aspect of Roseville's development. The lead-in in the narrative is to indicate there is a lot of planning history of different kinds.

Councilmember Willmus stated that does not tie in with the opening paragraph.

Councilmember Laliberte expressed support for authorizing distribution to the other communities on May 21st. The dates remain as-is for the benefit of the community. She asks what the City plans to do with the Comp Plans received from other communities.

Mayor Roe noted it is a staff level-consideration.

City Planner Lloyd noted it falls on staff to review land use plans and transportation plans. The PC has indicated an interest to review what other communities are proposing. Staff can also post links to the other communities' website on the City website.

Councilmember Laliberte would appreciate a summary review, perhaps in a work session, because Roseville borders so many other communities. If that review happens only at the staff level, she will still not know what they are doing. She also concurred with Councilmember Laliberte's comments that this was supposed to be a technical update. It would have been nice to have more joint meetings with the PC so they knew what the Council was looking for.

Councilmember Etten asked about the graphic showing the Met Council's population numbers on chapter 4, page 9.

Ms. Perdue noted she has already updated the table.

Councilmember Etten asked about the map 4:3 and its yellow and brown lines.

City Planner Lloyd noted those are lots of skinny, deep lots coming together.

Councilmember Etten asked what items still need attention from the Met Council feedback.

Ms. Perdu noted that a couple of items that require more discussion are related to some of the housing items, where the Met Council was requesting more specificity with regards to the timing of some of the housing strategies. That will start with a meeting with staff and then go to the PC for discussion. Depending on the significance of changes that are made to the document, that would come back to the Council.

Councilmember Etten suggested an icon could be created to highlight the equity piece.

Councilmember Laliberte noted that the previous discussions, the rose should never be used without the word Roseville.

Councilmember McGehee stated she is open to lots of symbols other than the rose. She also spoke earlier today with City Manager Trudgeon and Ms. Collins, and they both said the City can take time over the summer to get more input and feedback, particularly regarding the Larpenteur/Lexington area. During this time period, the City is free to have more engagement.

Councilmember Willmus expressed support for sticking to the previously announced timeline.

Councilmember Etten suggested the City can seek feedback on the 21st, but there is nothing major happening that will change what neighboring communities will comment on. The 21st can be kept as an item to look for continued feedback, without feeling like it has to be released after that. There will be more updates and changes.

Mayor Roe offered an opportunity for public comment.

Public Comment

Ward Schwee, 111383 Ryan, Roseville

Mr. Schwee recalled that in the last two planning processes, planning district 14 was promised a park, but it has not happened.

Mayor Roe indicated staff can look into that.

Mr. Schwee also asked why Harmar area is being rezoned. He asked why Harmar is being moved away from a local shopping center. All of the "dales" shopping center have 4 access points, and Harmar only has 2. Making this a regional shopping center will make it a nightmare in terms of traffic.

Diana Dunn, 1971 Simpson Street, Roseville

Ms. Dunn noted that she shares a number of Mr. Schwee's concerns. She also thanked the Mayor and Council for responding to her email. She loves living in Roseville. The Comp Plan is new to her. She asked that Councilmembers look at a more viable way of approaching communication with citizens, other than just

posting it on a website. She moved to Roseville four years ago, because it has been an ideal location for her. She hoped and planned to live here comfortably for 25-30 years in the house she bought. Not being aware of the Comp Plan has been disheartening. Since purchasing the home, she is concerned about her real estate investment. She takes a lot of pride living in Roseville and is conscientious in supporting local businesses. She is concerned about traffic flow, crime, noise, and she also wants the City to honor the resolution when the Cub went in. Residential properties surround HarMar Mall, and changes will impact real estate values. She has serious concern about the lack of green space for the children in the area. She is also concerned about a mixed-use zoning change. She asked what percentage of that area will be affordable housing and what percentage will be high-end housing. All of these things impact real estate value.

Ms. Dunn continued, indicating she has spoken with the HarMar mall manager. She believes if HarMar is truly a community, there should be a way to work with the Van Barton group. They are looking at different ideas from the community as to how to evolve the mall.

McGehee moved, Etten seconded, authorizing staff to distribute the draft 2040 Comprehensive Plan update for formal review.

Council Discussion

Councilmember McGehee stated this is an ongoing process, where engagement is taken much beyond May 21st. This will eliminate a big push right at the end of the year in terms of the timeline.

Councilmember Etten concurred, noting this may allow the public more time to react to things from neighboring communities later in the calendar year.

Councilmember Willmus stated he will vote against it, preferring to stick to the timeline made known to the public throughout the process. When materials are sent out with dates, it is easy for the Council to change those dates on the fly, and that should be used with great caution. At the start of this meeting, a man was curious about this, and he was told one thing and now the Council is considering doing something different.

Councilmember Laliberte indicated she will vote against it as well, as it is a matter of public trust. She is supportive of continuing the process over the next six months. That may be a future agenda items to discuss what that looks like.

Councilmember McGehee stated this is not a violation of trust. There is nothing magic about the date of May 21st.

Mayor Roe indicated he will not vote for the motion. He would like to stick with the original timeline.

Roll Call

Ayes: McGehee, Etten.
Nays: Willmus, Laliberte, and Roe.
Motion failed.

Mayor Roe wanted to clarify to an earlier comment about specific future proposals in the HarMar area. He noted that the City can only talk about types of properties and a general list of possible uses allowed with zoning areas, not specific proposals. Those proposals come with a developer down the road.

City Planner Lloyd asked the Council not to throw away the copies of the Comp Plan, as they will be used again for the next Council meeting.

CHAPTER 1: INTRODUCTION

Chapter 1 includes the following information:

1. Purpose of the Plan
2. How to Use the Plan
3. Comprehensive Planning Lenses
4. Recent Research and Community Engagement

1. PURPOSE OF THE PLAN

The 2040 Comprehensive Plan (Plan) provides an opportunity to establish a vision for how the community will grow and develop over the coming decades and is intended to be reflective of the desires of the entire community. It analyzes various topics related to development including land use, housing and neighborhoods, economic development, transportation, utilities, and parks and trails, among others. This Plan aims to build off the goals and policies identified in *Imagine Roseville 2025* and the 2030 Comprehensive Plan. As part of the 2040 Comprehensive Plan update, many of the goals and strategies from the 2030 Comprehensive Plan were analyzed and incorporated, or amended as applicable, so that momentum may be continued.

Minnesota Statute requires that cities within the seven-county metropolitan area update their comprehensive plans every ten years. Comprehensive plans are reviewed by the Metropolitan Council, which is responsible for managing and planning for the growth of the Twin Cities region. The purpose of the update is to ensure that local plans are consistent with forecasts and policy plans prepared by the Metropolitan Council. In addition, regularly updating the comprehensive plan allows for communities to adjust their goals based on emerging trends and changing demographic needs.

A comprehensive plan does not ensure any change by itself. It must be implemented on a daily basis by elected officials, commission members, City staff, and other stakeholders; all the while being influenced by larger market forces. The Plan is intended to inform decision making related to official controls, such as the zoning and subdivision ordinances, as well as guide future investment through the Capital Improvement Plan (CIP). As such, it is an important document in shaping the City's future, and it should be referenced regularly.

The purpose of this chapter is to frame the context for Roseville's 2040 Comprehensive Plan update and to describe the recent efforts that support and inform this Plan. The next chapter will outline the City's overall vision, goals, and decision-making framework.

2. How to Use the Plan

The Plan is meant to be a living document, grounded in real challenges and opportunities. It is meant to be revisited often and revised as conditions change. The City will use the continuous input of the public, whether through formal or informal means, to evaluate whether the vision, goals, and policies are still relevant.

Based on the priorities voiced through public input, the demographic, physical, social, and economic changes affecting the City, and the requirements of the Metropolitan Council, the Plan is divided into the following chapters:

2 – Vision, Goals, and Decisions

3 – Community Profile

4 – Land Use

5 – Housing

6 – Economic Development

7 – Transportation

8 – Parks, Recreation, Trails, and Open Space

9 – Resilience and Environmental Protection

10 – Surface Water Management

11 – Water Supply System

12 – Sanitary Sewer System

13 – Implementation

Each chapter includes an overview of the existing conditions related to the topic, the related goals, a summary of "what we heard" from the public, and "for the future" action items.

The Community Profile chapter provides detailed background information regarding demographics, housing, economy, environment, transportation, and

land use for the City of Roseville, Ramsey County, and in some cases comparable cities. This information can be used in the context of land use and development decisions, as well as a stand-alone document.

Appointed and elected officials use the City's Comprehensive Plan as a guide when making decisions with limited resources about land use, housing, transportation, equity, quality of life, and sustainability. Decision makers commonly reference the Comprehensive Plan when deciding what uses should be allowed on a parcel of land; allocating resources for infrastructure investments; preserving and improving parks, open spaces, and trail connections; and enhancing the quality of life for all residents. Overall, the Plan is meant to provide specific guidance for local officials to realize the vision set forth through the planning process.

3. Comprehensive Planning Lenses

In addition to the traditional planning topics identified in the preceding list of chapters, other topic areas and ways of thinking about planning for Roseville's future have been considered and incorporated into the 2040 Comprehensive Plan, either as new categories of goals and policies within traditional chapters, or simply as ideals that guide the act of reviewing and revising the Plan's goals and policies. Such topic areas include the following.

Public Safety

Public safety is a foundational responsibility of the City. More than being central to the shared vision of Roseville as a safe community, public safety has become one of the lenses bringing focus to the Comprehensive Plan update. Roseville's location between the region's two central cities and varied suburban communities, and the nearly 50/50 blend of housing to commercial properties, with its daily influx of workers and shoppers, present a unique context for public safety. In light of this complexity, the City understands the importance of providing appropriate responses and emergency medical care to diverse community members and visitors, in addition to engaging in prudent and effective planning, preparation, and operational readiness for large-scale emergencies and serious community threats.

Thrive MSP 2040 Outcomes

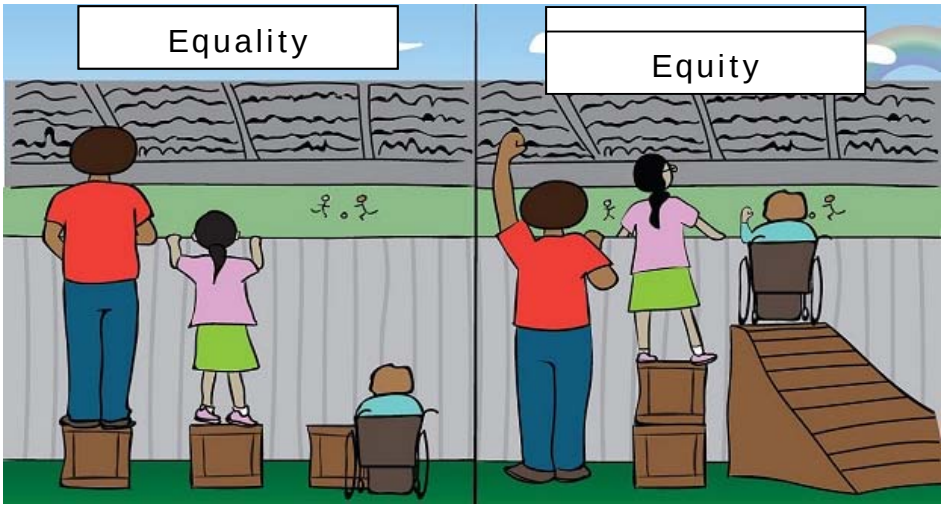
The Metropolitan Council's *Thrive MSP 2040* Outcomes – stewardship, prosperity, equity, livability, and sustainability – have also been used in this Plan as "lenses" through which Roseville envisions its future. These lenses will add context to analysis and action steps throughout the Plan. Each chapter of the Plan works to achieve a balance between the *Thrive MSP 2040* Outcomes; for the purposes of this Comprehensive Plan, Roseville describes these lenses as follows:

1. **Stewardship**: responsibly managing natural and financial resources, and making strategic investments in the future.
2. **Prosperity**: investing in infrastructure and amenities that attract and retain successful businesses, a talented workforce and, consequently, wealth.
3. **Equity**: creating a wider range of choices for those individuals and groups who have few, if any choices, and engaging a full cross-section of the community in decision making.
4. **Livability**: creating and renewing vibrant places and underlying infrastructure that build community identity, investing in parks and affordable housing, and collaborating with neighbors.
5. **Sustainability**: protecting regional vitality for generations to come, including through promoting wise use of water, and advancing climate change mitigation, adaptation, and resilience efforts.

Ideas of stewardship, prosperity, livability, and sustainability have been fundamental to Roseville's comprehensive planning efforts for decades. By contrast, equity has not traditionally been an explicit part of those previous comprehensive plans. While Roseville has been conscientious about planning for everyone in the community *equally*, without regard to race, gender, or other differences, treating people equally has not eliminated the disparities created by the past actions of government at the local, regional, state, and federal level. But the goal of using equity as a lens is not to just improve the outcomes for marginalized individuals and communities. The goal is to increase the success for all groups. An equity lens will help Roseville develop goals and strategies that may be targeted based on the needs of particular groups, but the outcomes will result in improvements for all groups.

One way to understand the difference between equity and equality is to visualize three people trying to view a soccer game (FIGURE 1-1).

FIGURE 1-1 SOURCE: THE SECOND LINE EDUCATION BLOG



The image on the left in FIGURE 1-1 represents the "equality" approach. All three individuals are given the same resources (the blocks to stand on) to help them watch the game, and it is assumed that everyone will benefit from having the same resources available to them. But it is clear that even with the same resources, each person has varying degrees of access to view the game. What works for one does not necessarily work for all. In the image on the right, the individuals are given different resources to make it possible for each of them to have equal access to the game. This image represents the "equity" approach.

Race continues to be a particularly strong predictor of outcomes across multiple indicators for success – including education, health, jobs, incarceration, and housing. As such, the vast majority of available data that can shed light on equity issues such as income, education, and employment, is cross-referenced by race. One example is the comprehensive equity assessment of the Twin Cities region, called *Choice, Place and Opportunity*, published by the Metropolitan Council in 2014, which documents the persistence and impacts of such racial disparities throughout the region.

However, the City of Roseville recognizes that many other groups of people are also marginalized, including based on gender, sexual orientation, ability, age, and more. The City is committed to adapting the frameworks, tools, and resources that are developed to advance racial equity so that they can also be applied to these other areas of marginalization. This Plan includes goals and strategies geared toward creating an equitable community for all residents, current and future. These can be found in the land use, housing, economic development, parks, transportation, and resilience chapters. Goals and strategies focused on equity will be highlighted with this symbol throughout the Plan:

4. Recent Research and Community Engagement

Imagine Roseville 2025

The *Imagine Roseville 2025* process was initiated in May of 2006 and provided an opportunity for residents and stakeholders to develop a vision for the future of the community. A priority was to ensure that the process was inclusive and authentic, and that the results would be used in a meaningful way to guide future decisions for Roseville. An extensive public participation process was carried out that included several large group meetings, steering committee meetings, subcommittee meetings, and workshops. Information was gathered and used to develop a vision statement, as well as goals and strategies for different topic areas. An implementation matrix was developed that identified a timeline, responsible party, and cost for each strategy. *Imagine Roseville 2025* was adopted by the City Council on March 29, 2007, and became the foundation for the 2030 Comprehensive Plan.

Community Surveys

The City of Roseville has conducted three community-wide surveys in recent years; in 2011 (survey performed by Cobalt Community Research), 2014 (survey performed by The Morris Leatherman Company), and 2016 (survey performed by The Morris Leatherman Company). In each case, the results showed that Roseville residents generally feel very positive about their quality of life, are pleased with the direction of the City, and believe the City services they receive are a good value. A new community survey is anticipated for completion in 2018.

Intergenerational Community Study

In 2011, a study completed for the City of Roseville Housing and Redevelopment Authority (RHRA) examined the needs of families with children and of seniors in the suburbs north of St. Paul. It analyzes some of the issues affecting families and seniors that influence housing decisions. It also analyzes the effectiveness of an intergenerational programming housing model to meet the housing needs for seniors and families with children. In the report, "intergenerational communities" are described as those geared towards providing housing and services that address the specific needs of residents and encourage interactions between generations as a way to address those needs. The report concludes with recommendations to address the housing needs of seniors and families with children.

Multifamily Housing Study

The RHRA hired Maxfield Research, Inc. to update its Comprehensive Multifamily Housing Needs Analysis, which was completed in April 2013. The study is intended

to provide a realistic expectation of housing demand in the City of Roseville through the year 2025. The study finds that since Roseville is a first-ring suburb that is mostly built out, most new housing will come from redevelopment at increased housing densities. The report provides an analysis of demographics, employment trends, housing characteristics, the rental market, senior housing, for sale housing, and housing demand. An update to the 2013 housing study is anticipated in 2018.

Each of these studies are available on the City's Comprehensive Plan website: https://www.cityofroseville.com/CompPlan.

CHAPTER 2: VISION, GOALS AND DECISIONS

Chapter 2 includes the following information:

1. Guiding Decision Making
2. What We Heard
3. Vision
4. Goals and Objectives
5. Decision Making Framework

1. GUIDING DECISION MAKING

The City of Roseville's elected and appointed officials use this Plan as a guide when making decisions about not only land use, but also housing, transportation, infrastructure, and overall quality of life. The vision, goals, and decision-making framework presented in this Plan will lead the policymaking for the City for the next 20 years.

The vision, goals, and objectives described in this chapter are based on input from the public, as well as City officials. All were asked to identify things that should be preserved, changed, and/or created in the City, through a wide variety of in-person meetings, online forums, and outreach events throughout the community. These are described in more detail in the next section.

2. WHAT WE HEARD

For this Comprehensive Plan Update, Roseville committed to ensuring that residents and other stakeholders had many opportunities to contribute to the dialogue. The process was developed to build on and complement past community visioning processes, especially *Imagine Roseville 2025*, and therefore was more focused on the specific input needs of this type of input.

Community Engagement Tools

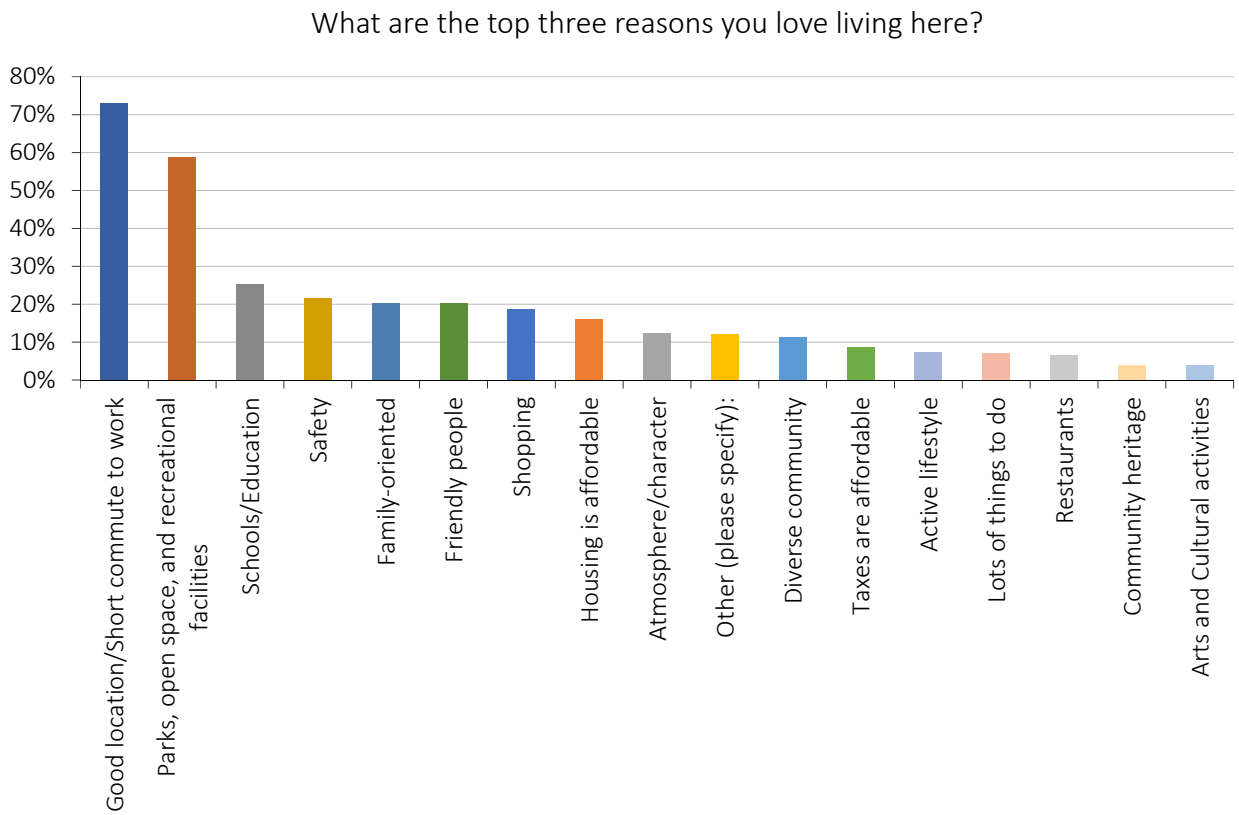
A wide variety of tools were used to fit the various needs of Roseville's diverse population and make providing meaningful input as easy as possible. Below is a brief description of the types of tools that were used and an overview of the input that was received, but a more thorough summary is included in Appendix A.

Tools used during this process included:

- Kick-off Meeting: an evening event where residents gathered to provide their thoughts on Roseville's strengths and opportunities for improvement
- Intercept Boards: boards were set out at eight public locations to raise awareness and collect information on how respondents view Roseville
- Meetings in a Box: materials were provided for residents and other stakeholders to conduct their own small group meetings and then provide feedback to this process
- Online Survey: a non-statistically-valid survey collected over 500 responses to a wide variety of questions about Roseville
- Future Cities Team Brainstorming Meeting: Middle School students met with the Comprehensive Plan project team to discuss their thoughts on how Roseville could evolve in the next decades
- Focus Group Meetings: Seven focus group meetings were held on a variety of topics to provide deeper input on Economic Development, Land Use, Housing (two meetings on this topic), Education, Opportunity, and Diversity
- Walkabouts: Five meetings were held in neighborhoods where residents could show the planning team on-site examples of things they like or want changed
- Stakeholder Interviews: specific interviews were attempted with five local community groups to ensure that diverse perspectives were being heard
- Community Meeting Two: a series of two public meetings were held on the same content but at different dates and times to gather input on the proposed direction for the document
- Future Land Use Open Houses: five public open houses were held in neighborhoods where land use designation changes were being proposed
- Other input: at all times during the process, content was available online and input was received by phone, email, and social media

Complete results of the public engagement process are provided in Appendix A.

FIGURE 2-1 RESULTS OF ONLINE SURVEY QUESTION, ARRANGED BY POPULARITY OF RESPONSE



Summary of Input

Participants in our various engagement activities told us a variety of important and impactful things about how they perceive Roseville today, and how they see it changing in the future. During the initial phases of engagement, when residents were being asked general questions about issues and opportunities in Roseville, the most common themes across participants in all the engagement tools were:

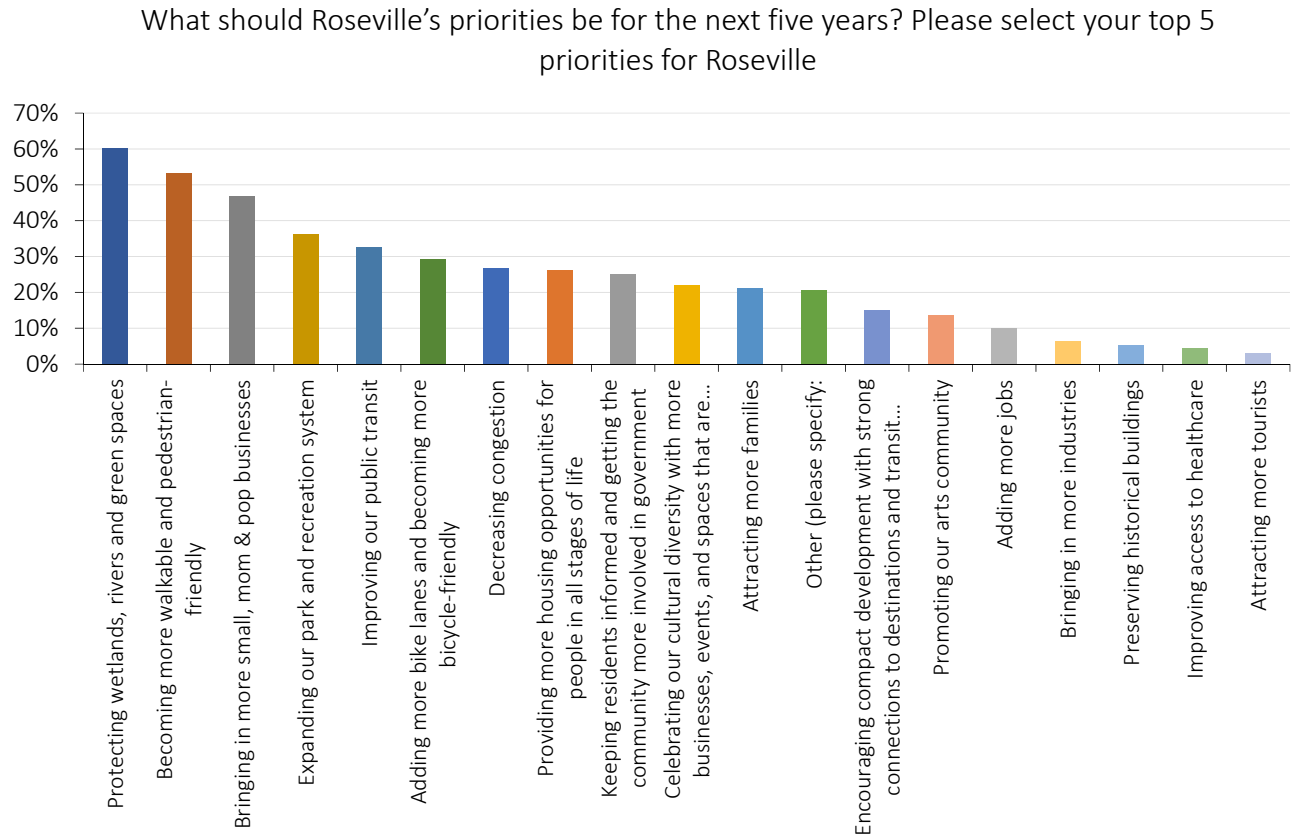
- Roseville offers a **wonderful combination of high-quality neighborhoods, parks, shopping, and schools** that keep people here for decades.

- Roseville's geographic location and access to highways has made it a **convenient place to live for commuters**.
- There is **a need to consider new housing options** that will reflect the needs of the changing population, including affordable and workforce housing, senior housing, and similar resources.
- Many residents hope to see **more varied and local restaurant and shopping options** that will revitalize local retail areas.
- **Sustainable approaches** to energy and natural resources are very desirable.
- **New residents should be welcomed and connected** to high-quality public and private resources as quickly as possible.

During later phases of engagement, when residents were being asked to respond to proposed directions for this plan, responses have tended to be more focused on impacts to specific neighborhoods, but several themes have come up repeatedly:

- Dedicate resources **to Resilience, Housing, and Economic Development**.

FIGURE 2-2 RESULTS OF ONLINE SURVEY QUESTION, ARRANGED BY POPULARITY OF RESPONSE



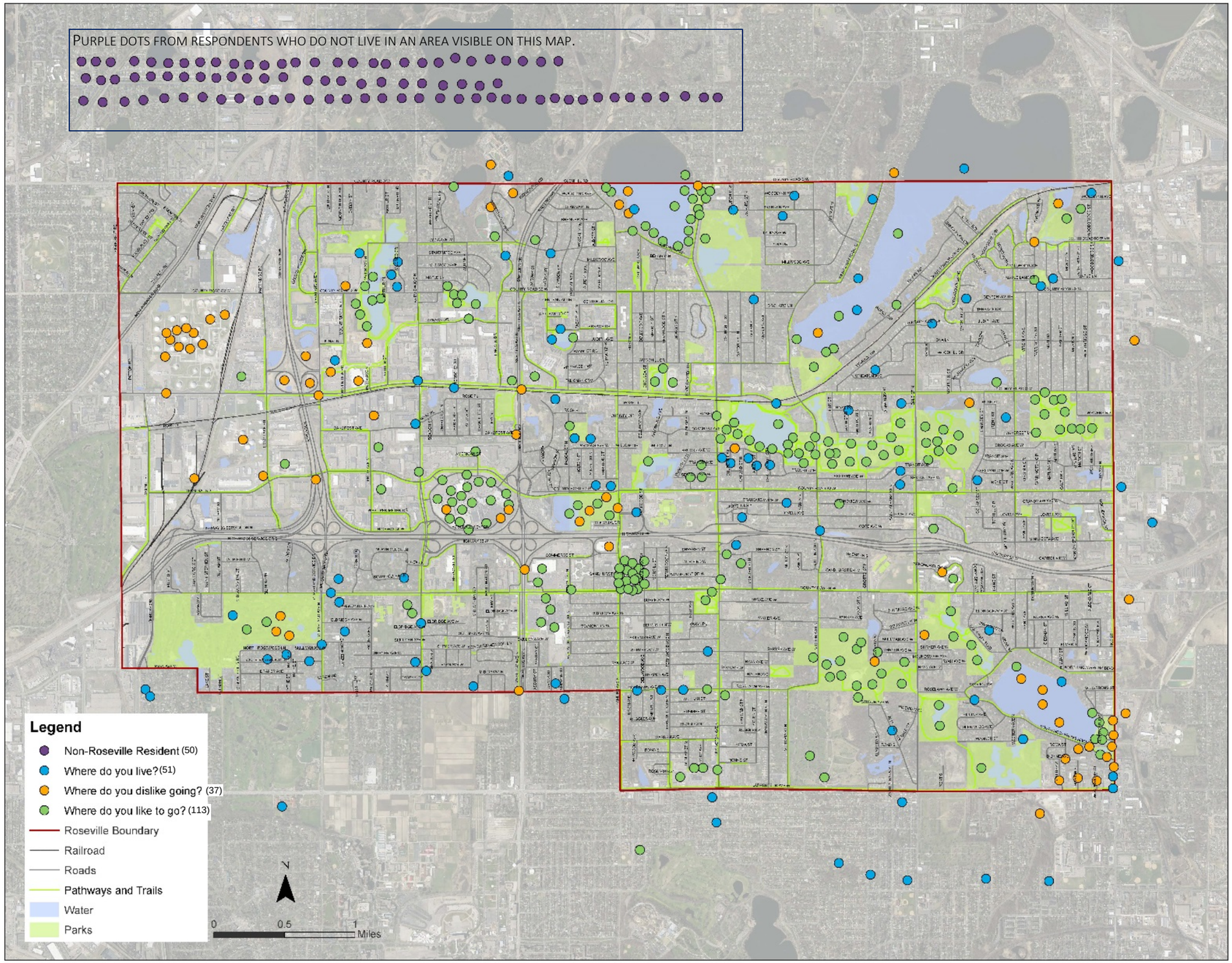
- Focus on **preserving water quality and open space**.
- **Incorporate solar energy and other renewable energy sources** into City facilities and policies.
- **Provide diverse housing options** to serve the needs of all Roseville citizens.
- **Invest in transit, trails, and other alternatives to cars** to reduce congestion and improve community access and health.
- Proactively seek companies that **provide higher paying jobs** inside Roseville.
- Try to spread multifamily and residential uses throughout the community to **avoid concentrating density in certain areas**.
- **Be mindful of impacts from density**, such as height and traffic.

In addition to the general themes described above, there was a lot of additional meaningful input. In each chapter, public input specific to that topic is provided in a "What We Heard" section.

The compiled results of the intercept board mapping exercise reflecting where people do and do not like to go in Roseville are shown in MAP 2-1.

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MAP 2-1 MAPPING EXERCISE, COMPOSITE RESULTS FROM INTERCEPTS



3. VISION (FROM IMAGINE ROSEVILLE 2025)

Imagine Roseville 2025 was the result of a community visioning process in 2006, spearheaded by the City Council. In addition to the vision, the Roseville Community Forum was created to expand participation and share information. The vision from that process is shared here, and helps form the basis for the new goals in this Comprehensive Plan.

In 2025, our diverse and dynamic community welcomes new neighbors and businesses, and respectfully and effectively generates high-quality solutions to evolving community needs. We work hard, volunteer actively, care about our community, and contribute to the common good. And we continually reach out to include everyone in community decision making, and support civil discourse that respects and considers all perspectives and ideas.

Our rich history provides a foundation for us to be optimistic about our future and the opportunities it brings. All families are strong, healthy, and embraced, and we serve people throughout their lives with places to live, work, learn, worship, and play. We are a great place to raise a family, run a business, age in place, and recreate, and we protect these opportunities by thoughtfully investing in infrastructure, facilities, services, and open spaces.

We take pride in our safe and well-maintained neighborhoods, housing, and businesses, and we benefit from connected neighborhoods and compact development. Our strong design standards and proactive planning create a community that is attractive, appealing, and desirable, with a healthy mix of land uses and the flexibility to respond to change.

We recognize our responsibility to act as environmental stewards and provide a regulatory framework that fosters a sustainable community. Our renowned parks and our recreational and public facilities are community centerpieces that attract people of all ages and abilities, and help us support and promote individual wellness and fitness.

We celebrate our unique position in the heart of the metropolitan area, recognize our role within the region, and actively participate in regional collaboratives. We model fiscal responsibility with a clear eye toward proactively investing in Roseville's future. Our strong and diversified tax base is kept healthy by a vibrant local business climate, and high-quality jobs provide families with economic security.

We value and invest in lifelong learning opportunities and life-cycle housing that attract a diverse mix of residents and businesses and keep our community strong. Leading-edge technology and a comprehensive and reliable transportation system

support residents and businesses, and a variety of convenient, flexible, and safe transit alternatives serve all community members.

And we strive to be even more inclusive, proactive, responsible, and efficient so that Roseville remains a wonderful and welcoming community for generations to come.

4. GOALS AND OBJECTIVES

The goals below follow from the vision statement above. Goals form the basis for the policies and actions found throughout the rest of this Plan. Goals are listed in bold, with sub-goals for each goal listed in bulleted form underneath.

Roseville is a welcoming community that appreciates differences and fosters diversity.

- Make Roseville a livable community for all by providing high-quality communications, opportunities for youth, and outreach to City newcomers.
- Respect and encourage diversity.
- Encourage diversity in City staff and appointed officials that reflects the diversity of the City population.

Roseville is a desirable place to live, work, and play.

- Create an attractive, vibrant, and effective City with a high quality of life by implementing placemaking principles, to the design and management of the public realm.

Placemaking *is built around the principle of strengthening the connection between people and the places they share. It is a multi-faceted approach to the planning, design, and management of public spaces. Placemaking capitalizes on a local community's assets, inspiration, and potential, with the intention of creating public spaces that promote people's health, happiness, and well-being. In Roseville, this means that the creation of our public spaces will include urban design, creative patterns of use, and paying particular attention to the physical, cultural, and social identities that define a place.*

- Provide excellent, effective, and efficient City services.
- Be an early adopter of creative and sustainable redevelopment policies.
- Increase the diversity of the size, type, and scale of businesses in the City.

Roseville has a strong and inclusive sense of community.

- Foster and support community gathering places, both large and small, indoor and outdoor.
- Promote and support City-sponsored and community-based events.
- Encourage development of neighborhood identities to build a sense of community and foster neighborhood communications, planning, and decision making.
- Create gathering places in a diverse range of sizes, types, and spaces throughout the City to promote community and create spaces for arts and culture.

Roseville residents are invested in their community.

- Provide meaningful opportunities for community engagement.
- Ensure that City government is civil, informative, and responsive.

Roseville is a safe community.

- Continue to provide efficient and effective police, fire, and emergency medical services so residents, workers, and visitors feel safe and are safe.
- Provide appropriate policies and funding to meet or exceed national standards for response times and services for fire, police, and emergency medical services.
- Promote high-quality urban design of development and redevelopment that enhances safety.

Roseville housing meets community needs.

- Develop a coordinated housing strategy for the City.
- Provide mechanisms that encourage the development of a wide range of housing that meets regional, state, and national standards for affordability.
- Implement programs that result in safe and well-maintained properties.
- Establish public-private partnerships to ensure life-cycle housing throughout the City to attract and retain a diverse mix of people, family types, economic statuses, ages, and so on.
- Employ flexible zoning for property redevelopment to meet broader housing goals such as density, open space, and lot size.
- Develop design guidelines to support new or renovated housing that contributes to the physical character of the neighborhood, healthy living, and environmental and economic sustainability.

Roseville is an environmentally healthy community.

- Preserve and enhance soil, water, and urban forest resources.
- Conserve energy and reduce pollution.

Roseville has celebrated parks, open spaces, and multigenerational recreation programs and facilities.

- Expand and maintain year-round, creative programs and facilities for all ages, abilities, and interests.
- Provide high-quality and well-maintained facilities, parks, and trails.

Roseville supports the health and wellness of community members.

- Enable active and healthy lifestyles for all.
- Support initiatives (including land use and zoning tools) and partnerships to improve health care quality, affordability, and access.

Roseville supports high-quality, lifelong learning.

- Promote the benefits of lifelong learning and intergenerational education through partnerships with local school districts, libraries, and other educational institutions.
- Collaborate with local school systems in a fashion that results in high expectations and active involvement in public education.

Roseville has a comprehensive, safe, efficient, and reliable transportation system.

- Plan for and support a multi-modal transportation system that moves people and goods safely and efficiently.
- Support and allow access to a robust public transit system that is integral to the metropolitan system and meets long-term needs.
- Properly fund public transportation and transit systems.
- Expand, maintain, and promote a system of continuous and connected pathways that encourage walking and biking.
- Proactively communicate about and promote transit and pathway options.

Roseville has technology that gives us a competitive advantage.

- Explore public-private partnerships to ensure that the technology infrastructure is in place to optimize public and private sector performance.
- Develop a long-term technology infrastructure plan which includes wireless/ cellular, high-speed internet, and emerging technologies.
- Establish secure funding sources to operate, maintain, and upgrade technology infrastructure and services that Roseville provides to its residents and other Ramsey County communities.

Roseville has a growing, diverse, and stable revenue base.

- Establish sustainable funding sources and mechanisms to pay for community needs.
- Encourage renovation and redevelopment to increase tax base.
- Develop alternative mechanisms to fund City services.

Roseville responsibly funds programs, services, and infrastructure to meet long-term needs.

- Maintain the highest financing and budgeting standards.
- Align budgets and expenditures to support programs and services for all City functions.
- Actively manage funds to provide long-term fiscal stability.
- Incorporate community priorities in funding decision-making processes.
- Collaborate with other governmental units to leverage and manage costs for operations, services, and capital improvements.

Roseville has high quality employment opportunities that meet the needs of current and future residents.

- Retain, recruit, and expand a diverse range of local businesses and industries.
- Work with business and industry groups to provide adequate jobs that meet the needs of residents and visitors.
- Require, encourage, or incentivize the creation of jobs that provide a livable wage.
- Create regulations that allow renovation and redevelopment of spaces that could be used to support a variety of small businesses.

5. Decision Making Framework

When making decisions, including those suggested by the implementation section of this Plan, City of Roseville officials, staff, and citizens will ask if the option chosen furthers at least one, if not several of the values below, while not damaging the others. The metrics listed in the "measurables" column suggest means of quantifying the outcome of actions and determining whether progress toward each goal is being made.

Goal	Does this action…	Measurables
Roseville is a welcoming community that appreciates differences and fosters diversity.	…reach residents whose first language is not English? …create a program geared toward a currently underserved population? …bring groups of people together? …create an opportunity for currently underrepresented populations to participate in City government? …have enough flexibility to allow and encourage diversity?	• Budget devoted to communication, including printing, mailing, social media participation, and website update. • Participation in City-sponsored youth activities. • Outreach programs for new residents. • Statistics regarding race, age, gender, income, and other applicable characteristics of the population and in City staff and appointed officials.
Roseville is a desirable place to live, work, and play.	…create a distinct "place" that is unique to Roseville? …allow for creative redevelopment of a site? …foster locally grown enterprises? …improve the diversity of the business mix? …improve or add a new City service?	• Trends in business types (number and percentage of tax base). • Parks usage statistics. • Number of new residents. • Number of permits issued for small, locally owned businesses. • New City services offered.
Roseville has a strong and inclusive sense of community.	…create a community gathering space? …create a new event? …enable neighborhoods to build a sense of identity and participate in decision making?	• Participation in neighborhood organizations, neighborhood-based events, and meetings.

Goal	Does this action…	Measurables
Roseville residents are invested in their community.	…allow a wide variety of community members to provide meaningful input? …help communicate with everyone in the community? …maintain relationships to communicate to groups throughout the City?	• Number of residents participating in community events. • Number of residents providing feedback on City initiatives. • Voter participation in local elections. • Number of residents volunteering for community activities.
Roseville is a safe community.	…protect and enhance safety? …contribute to natural surveillance, where people can see what is going on in public places from private ones? …help us meet or exceed national standards for public safety?	• Enforcement/removal of dangerous buildings. • Trend in number of vacant structures. • Number of site plans reviewed/modified to increase safety on private and public property. • Trends in response times.
Roseville housing meets community needs.	…create housing that contributes to our existing neighborhoods? …preserve/create variety in housing products in terms of size (square footage and/or number of bedrooms) and ownership/rental type? …result in the continued maintenance and care of existing residences? …preserve or create housing that is needed?	• Trends in seniors aging in their homes or moving to other appropriate housing within the City. • Decrease in property maintenance code enforcement actions. • Trends in the diversity of housing type/size as compared to the existing housing stock.

Goal	Does this action…	Measurables
Roseville is an environmentally healthy community.	…mitigate the impacts of climate change? …improve air and water quality? …enhance biodiversity and ecosystem services? …preserve or replenish natural resources?	• Community-wide greenhouse gas emissions (tonnes CO2e/person-year). • Potable water consumption (gallons/person-day). • Installed renewable energy generation capacity (kW). • Stormwater assessment number from the Minnesota Blue Star City program. • Vehicle miles traveled (VMT/person-day). • Percent of solid waste that is recycled or composted.
Roseville has celebrated parks, open space, and multigenerational recreation programs and facilities.	…expand or maintain programs or facilities for all ages and abilities? …create or maintain high-quality parks or trails?	• Level of service statistics for parks in relation to City population. • Parks attendance and use statistics. • Attendance and enrollment for City-sponsored activities.
Roseville supports the health and wellness of community members.	…encourage active and healthy lifestyles? …improve residents' access to quality, affordable healthcare services?	• Trends in the walkability score of the City. • Equitable access to healthcare facilities via transit stops, sidewalks, and bike facilities. • Equitable access to places to obtain healthy food.
Roseville supports high-quality, lifelong learning.	…create a partnership with an educational institution? …collaborate with, and actively involve, local school systems?	• Number of collaborative efforts with Roseville Schools.

Goal	Does this action…	Measurables
Roseville has a comprehensive, safe, efficient, and reliable transportation system.	…fill a gap in the transportation network? …increase access to public transit? …allow for the movement of people and goods using a variety of transportation modes? …increase the safety of our transportation system?	• Trends in the walkability score of the City. • Vehicle-pedestrian/bike crash rates. • Number of transit stops and frequency of routes. • Road and intersection ratings (for congestion). • Connected bike routes to key destinations in the City. • Number of kids walking or biking to school within defined "walk zones". • Number of schools reached by a safe walking and biking route.
Roseville has technology that gives us a competitive advantage.	…help create a sustainable, long-term technology infrastructure plan? …create a public/private partnership for technology infrastructure?	• Creation of a Technology Infrastructure Plan. • Number of public/private partnerships related to technology.
Roseville has a growing, diverse, and stable revenue base.	…create new businesses? …enable an existing, valuable enterprise to remain in Roseville?	• Tax base breakdown. • Revenue trends. • Trends in new businesses.
Roseville responsibly funds programs, services, and infrastructure to meet long-term needs.	…implement a program or project in the CIP? …increase efficiencies?	• CIP Projects implemented within budget. • Number of collaborations with other governmental units.
Roseville has high-quality employment opportunities that meet the needs of current and future residents.	…create "good jobs" within the City? …create jobs that meet the needs of our residents?	• Number of "living wage" jobs • Number of buildings or spaces redeveloped. • Trends in the number of jobs.

In addition to using a decision-making framework that is related directly to the community goals expressed in this chapter, Roseville employees and community members integrate explicit consideration of racial equity in decisions. A racial equity tool is both a product and a process. Use of a racial equity tool can help to develop strategies and actions that reduce racial inequities and improve success for all groups. Beginning in 2018, members of the City of Roseville staff have participated in the Government Alliance on Race and Equity (GARE), a network of government agencies working to achieve racial equity and advance opportunities for all. One particular racial equity tool developed by GARE involves another simple set of questions:

1. Proposal: What is the proposed policy, program, practice, or budget decision under consideration? What are the desired results and outcomes?
2. Data: What is the data? What does the data mean?
3. Community engagement: How have communities been engaged? Are there opportunities to expand engagement and supplement the data with nuance from the affected communities?
4. Analysis and strategies: Who will benefit from or be burdened by the proposal? What are the strategies for advancing racial equity or mitigating unintended consequences?
5. Implementation: What is the plan for implementation?
6. Accountability and communication: How will accountability be ensured? How will results be communicated and evaluated?

CHAPTER 3: COMMUNITY PROFILE

Chapter 3 includes the following information:

1. Community Context
2. The Land
3. The People Who Live Here
4. The Housing Landscape
5. The Economy
6. Past and Future Growth

1. COMMUNITY CONTEXT

This section of the Comprehensive Plan sets the scene for how the community came to be what it is today. Looking at the current demographic, social, physical, and economic characteristics is an important step in planning for the future. Achieving the desired community vision starts with an understanding of the existing conditions and emerging trends. This section can also be used to help inform daily decision making and policy by staff and public officials by providing a clear understanding of the community.

2. THE LAND

Geographic and Development History

Roseville's 2002 Comprehensive Plan update has, by far, the most complete history section of any of Roseville's comprehensive plans. It is in that Plan's demographic summary chapter, called *The Land and Its People*. From a natural history perspective, it begins 500 million years ago, and covers the creation of this region's glacial terrain. It discusses the basics of the "continental and sub-humid" climate, and identifies typical topography, soils, and native prairie and hardwood vegetation.

The Land and Its People also has a very detailed account of the physical development of Roseville from the mid-19th century through the 20th century. But the conventional profile of Western European development within Roseville's natural context is summarized well by the "Historical" section of the Village of Roseville's 1969 Comprehensive Municipal Development Plan:

Historically, the growth and development of Roseville has been directly related to the growth of St. Paul. Earliest development was for rural and agricultural purposes, but with the housing boom created shortly after World War II, the demand for living space, especially single-family homes, generated a rush for land beyond the limits of the central…cities. Roseville lay directly in the path of expansion and so the nucleus of urbanization occurred primarily around the extensions of major St. Paul streets such as Snelling, Lexington, and Rice. While the major urban development took place between Snelling and Rice Streets south of T. H. 36, residential growth in the early post-war period is best described as scattered, with developers seeking out large tracts of land with soil and topographic characteristics suitable to large-scale subdivision.

By 1956, the population in Roseville had increased…and the former rural truck-farm community was faced with a host of problems resulting from rapid and unplanned urbanization. A comprehensive community-wide planning program was undertaken that year (one of the earliest planning efforts by any suburban community in the metropolitan area) and by 1959 the village was better equipped to deal with urbanization because it had adopted a comprehensive plan, subdivision regulations, and a zoning ordinance.

Existing Land Use

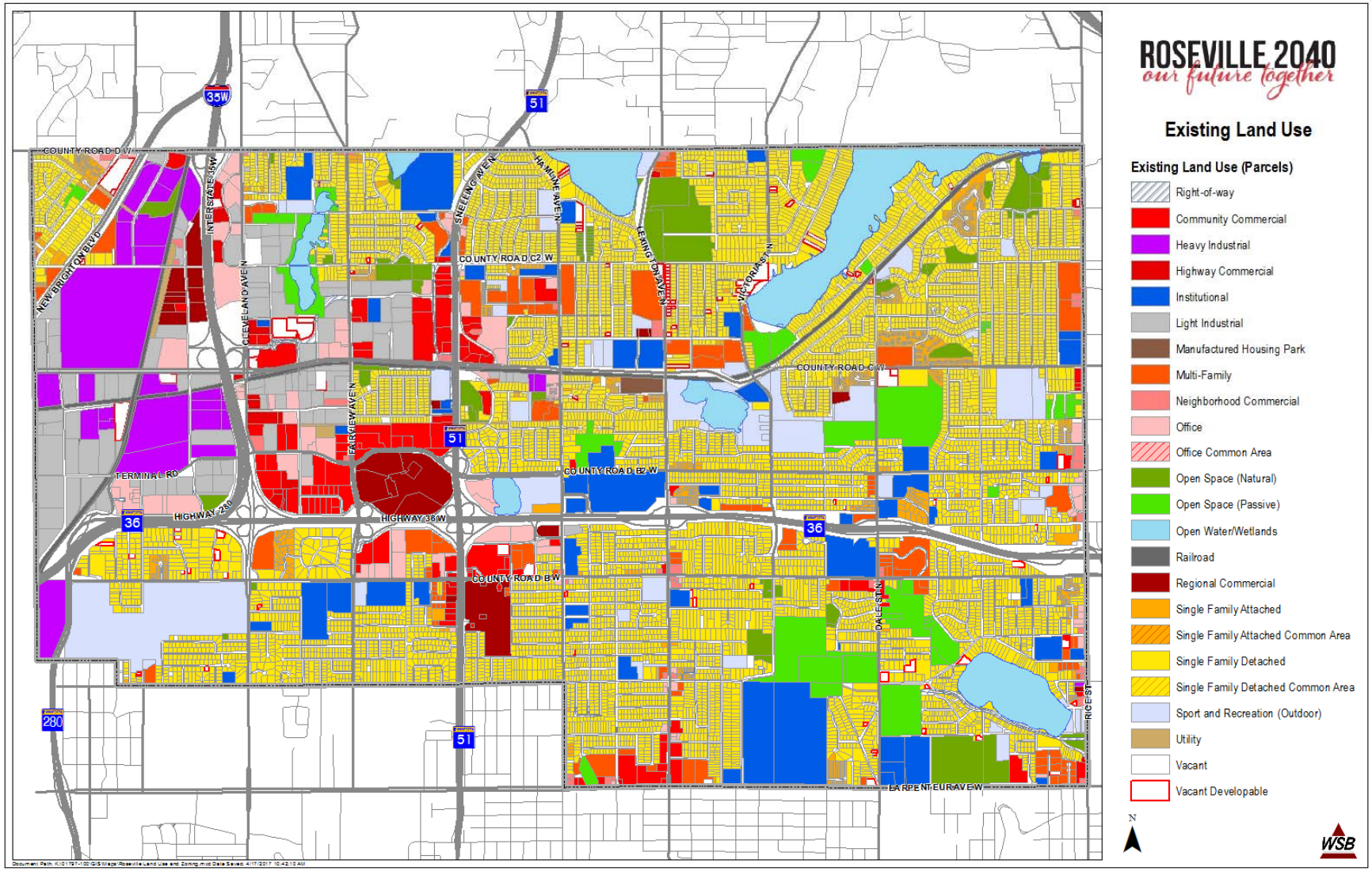
Existing land use can be thought of as what exists on the ground now, regardless of what has been planned or what zoning regulations exist. The most accurate depiction of what land uses currently exist in Roseville comes from the City's own geographic data to provide current land use types by acreage. MAP 3-1 shows the existing land use in Roseville.

Existing land use types, total acreage, and percent of total acreage are shown in the table below. As a fully-developed inner-ring suburb, very little land in the community remains undeveloped.

TABLE 3-1 SOURCE: CITY OF ROSEVILLE

Existing Land Use in Roseville by total acreage and percent of total			
Land Use Type		**Acres**	**Percent**
Single Family Detached	SFD	2944.38	32.8%
Right-of-Way	ROW	1759.00	19.6%
Multi-Family	MF	639.21	7.1%
Institutional	IN	517.72	5.9%
Outdoor Sport and Recreation	SRO	460.95	5.1%
Light Industrial	LI	416.81	4.6%
Heavy Industrial	HI	368.43	4.1%
Open Space (passive)	OSP	344.74	3.8%
Open Space (natural)	OSN	290.44	3.2%
Community Commercial	CC	289.60	3.2%
Office	OFC	279.92	3.1%
Single Family Attached	SFA	181.54	2.0%
Regional Commercial	RC	163.49	1.8%
Railroad	RR	95.60	1.1%
Vacant Developable	VDL	94.67	1.1%
Neighborhood Commercial	NC	37.18	0.4%
Highway Commercial	HC	36.21	0.4%
Vacant	VAC	33.90	0.4%
Utility	UTL	20.36	0.2%
Manufactured Housing Park	MHP	9.16	0.1%
Single Family Attached Common Areas	SFAC	0.82	0.0%
Total		8,984.00	

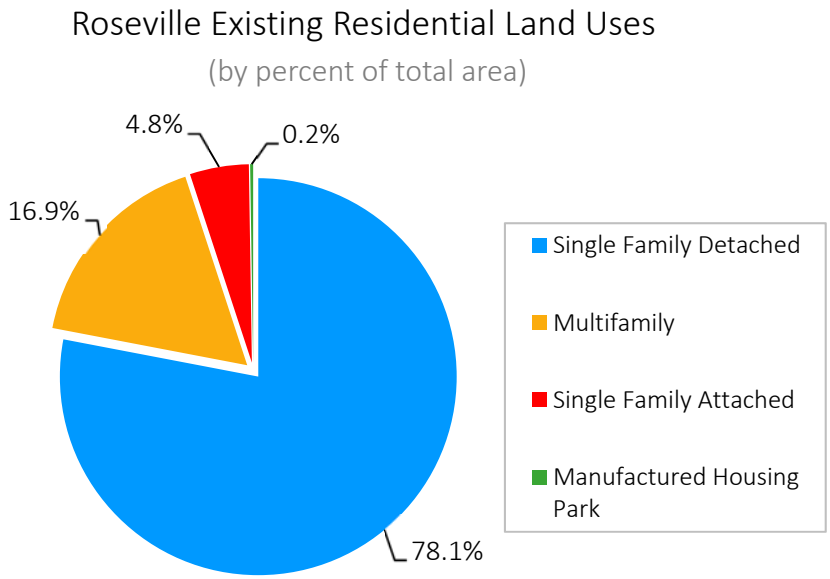
MAP 3-1 2016 EXISTING LAND USE (11 X 17 VERSION FOUND IN MAP 4-1, CHAPTER 4)



Existing Residential Land Use

Residential land uses make up 42 percent of Roseville's total land area. Of the residential land, single family detached homes are the predominant residential type at 78 percent of the total area devoted to residential uses.

FIGURE 3-1 SOURCE: ROSEVILLE CITY DATA



Existing Commercial and Industrial Land Use

Roseville has many commercial and industrial districts, and together they make up 18 percent of Roseville's land area. The majority of Roseville's industrial land is in the northwestern portion of the city. Major commercial centers include Rosedale Center, HarMar Mall, and the area along Snelling Avenue north of County Road C.

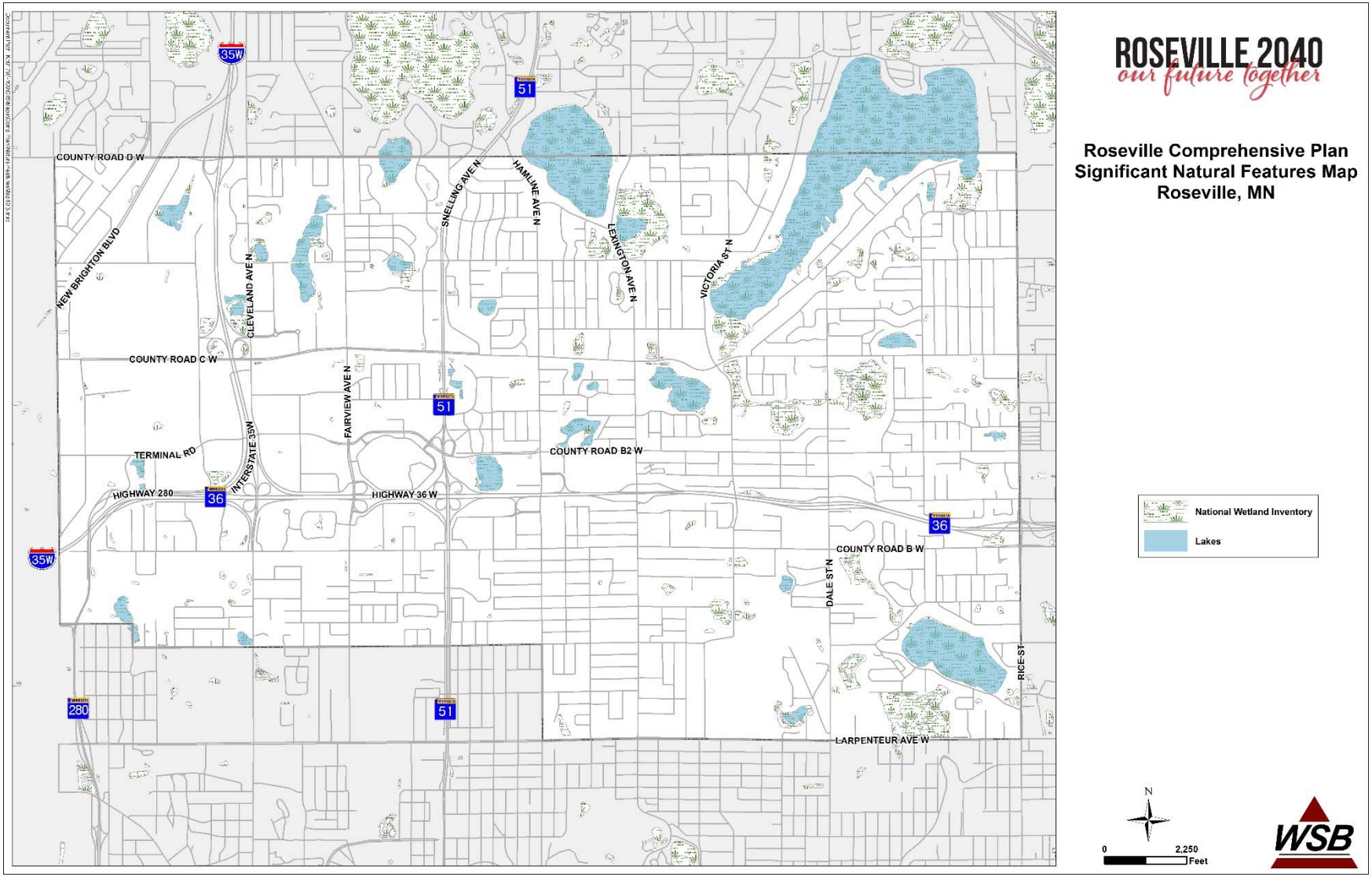
Existing Public Land Uses

Six percent of Roseville's land area is made up of institutional and utility land uses. These include civic buildings and City-owned land. An additional 12 percent of Roseville is devoted to outdoor recreation or sport areas, and open spaces that include parks.

Natural Features

As shown in MAP 3-2, although Roseville has largely been urbanized, the city's landscape does include some open water and wetland areas.

MAP 3-2 EXISTING NATURAL FEATURES (11 X 17 VERSION CAN BE FOUND IN MAP 4-2, CHAPTER 4)



3. The People Who Live Here

Population History

The conventional account of Roseville's early settlement and population growth was captured in the earlier Geographic and Development History section. But such conventional accounts of the local history miss other significant facts that the Plan's equity lens brings into focus.

The area of present day Roseville, on the far western edge of the Northwest Territory, was home to local bands of the Dakota Nation. As the land of the Northwest Territory was progressively divided into incorporated US states and smaller territories, Native American communities were removed to clear the way for white settlers to homestead and farm the land. The passage of the bill creating the Minnesota Territory in the spring of 1849 dramatically accelerated the arrival of the new settlers. More newcomers moved north from St. Paul, and the heirs of the original settlers were able to develop and sell the land for new residential neighborhoods.

As land was subdivided, restrictive covenants were used to prohibit non-whites, non-Christians, and maybe other minority groups, from owning property in Roseville. One such restrictive covenant covering most of the lots of one particular residential subdivision included the following provision:

> The said premises shall not be sold, mortgaged, leased or occupied by any person or persons who are not a member or members of the Caucasian race, but this shall not prevent the keeping of domestic servants who are not members of the Caucasian race.

The extent of this practice in Roseville remains unclear, but racial covenants were commonly used across the country. Although enforcement of such provisions has been banned in Minnesota since 1953, they—along with widespread discriminatory practices in mortgage lending and insurance—necessarily contributed to racial segregation in Roseville by explicitly limiting the housing choices available to people of color during the time they were enforced. Table 3-2 shows Roseville's non-white population from 1960 – 2010 compared to St. Paul, Minneapolis, the suburbs in the metropolitan region, and Minnesota as a whole.

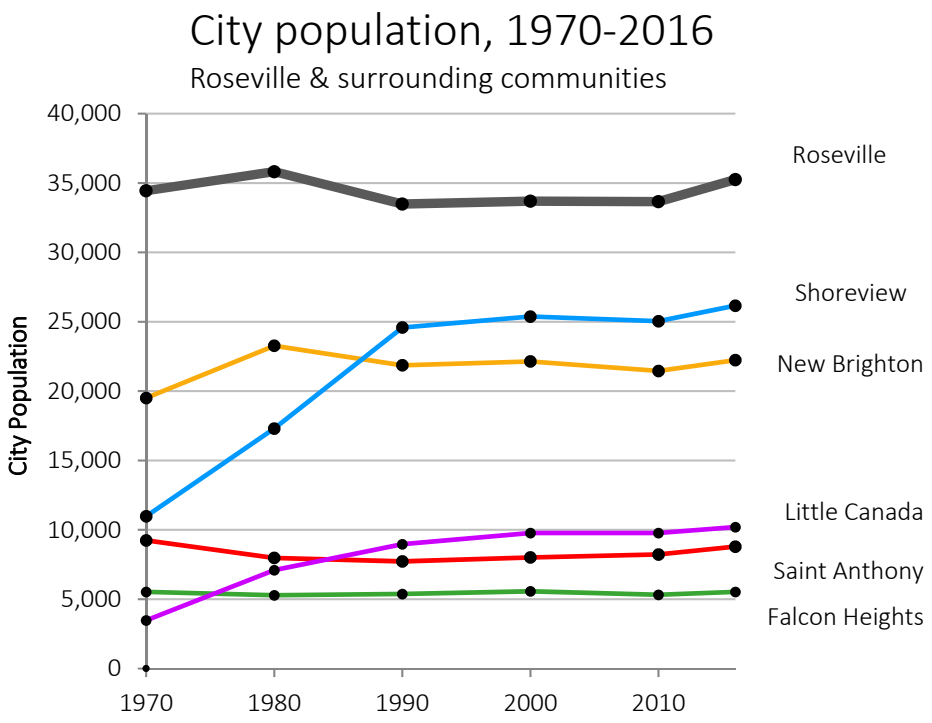
TABLE 3-2 SOURCE: MINNESOTA COMPASS AND US CENSUS BUREAU

Population of Color	1960	1970	1980	1990	2000	2010
Minnesota	1.2%	1.8%	3.8%	6.3%	11.8%	16.8%
MSP Suburbs	0.4%	2.7%	2.4%	4.6%	10.0%	18.1%
Roseville	**0.4%**	**1.0%**	**1.5%**	**4.9%**	**10.5%**	**20.7%**
St. Paul	3.0%	4.6%	11.4%	19.7%	36.0%	44.1%
Minneapolis	3.2%	6.4%	13.3%	22.5%	37.5%	39.7%

Current Population

In 2016, Roseville's population was estimated at 35,254 people. The chart below shows U.S. Census population data for Roseville, indicating that Roseville has historically had a larger population in comparison to most of its surrounding communities (FIGURE 3-2). After experiencing a slight decline in the 1980s, Roseville's population has remained relatively steady in the decades since 1990.

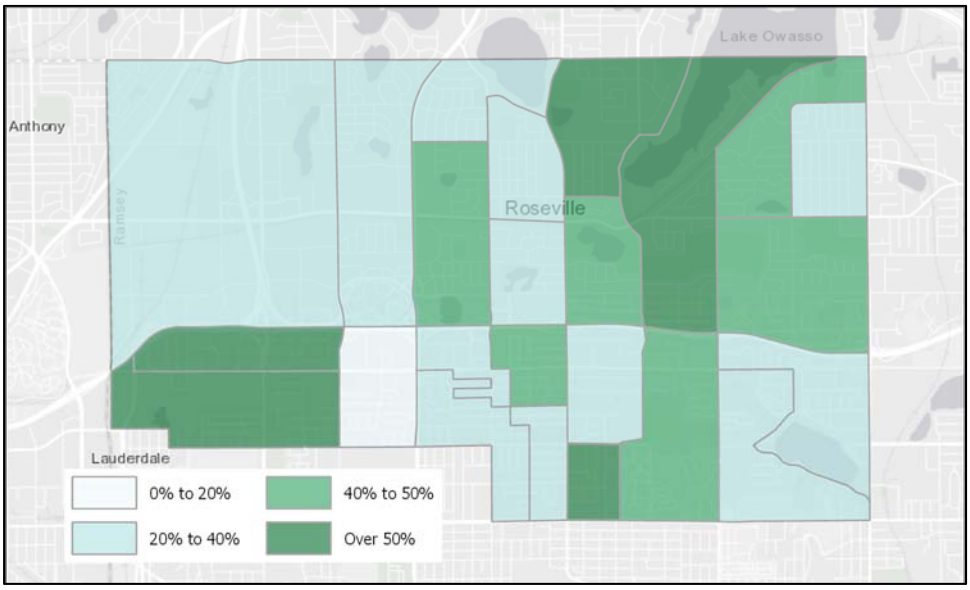
FIGURE 3-2 SOURCE: U.S. CENSUS 2010 AND AMERICAN COMMUNITY SURVEY (2015 ESTIMATES)



Age demographics

The geographic distribution of Roseville's population aged 50 years and older is shown in MAP 3-3 below, with darker shades of green indicating a higher percentage of older residents.

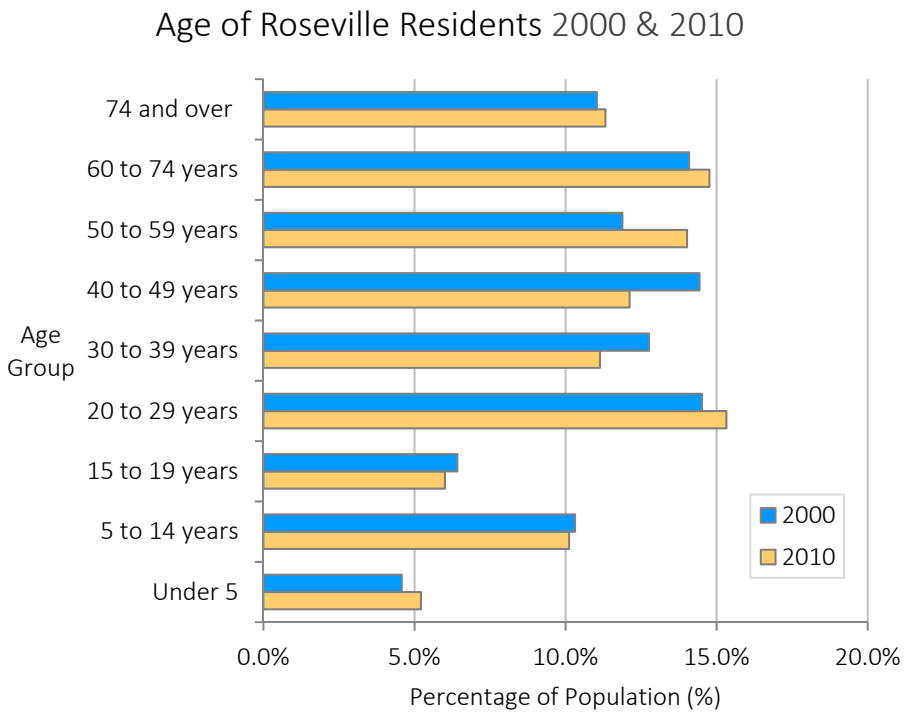
Map 3-3 PERCENTAGE OF THE POPULATION AGED 50 AND OLDER, BY CENSUS BLOCK GROUP
SOURCE: 2016 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)



Like many other communities around the state and the country, Roseville is experiencing a demographic shift toward an aging population. In the decade between 2000 and 2010, the percent of the population falling within the 50 – 59, 60 – 74, and 74-and-over age groups have all increased. Providing adequate housing and services for residents of all ages has been, and will continue to be, a priority for the City of Roseville. As older residents leave their current homes and seek new living arrangements, Roseville is seeing an increase in younger residents and families. FIGURE 3-3 shows an increase in the percentage of residents in the 20 to 29 age group from 2000 to 2010.

The median age in the City of Roseville in 2016 was 40, while the median age at the 2000 census was 41. This mirrors the trend shown in FIGURE 3-3 that younger residents are moving into the city. However, Roseville still trends older overall than the 2016 Ramsey County median age of 35.

FIGURE 3-3 SOURCE: 2010 US CENSUS



Household Income

The geographic distribution of household median income in Roseville is shown in MAP 3-4 below.

Map 3-4 MEDIAN HOUSEHOLD INCOME, BY CENSUS BLOCK GROUP
SOURCE: 2016 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)

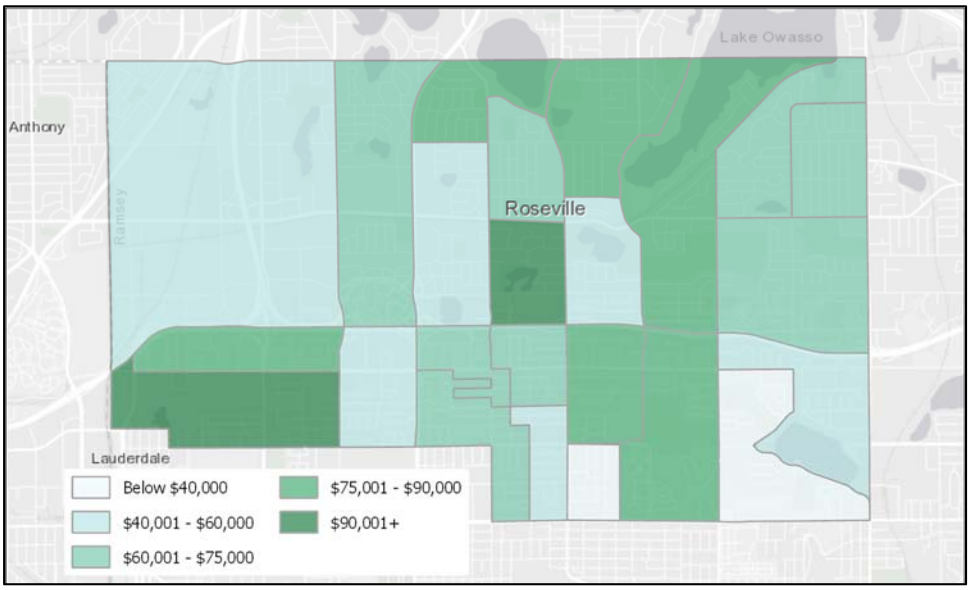


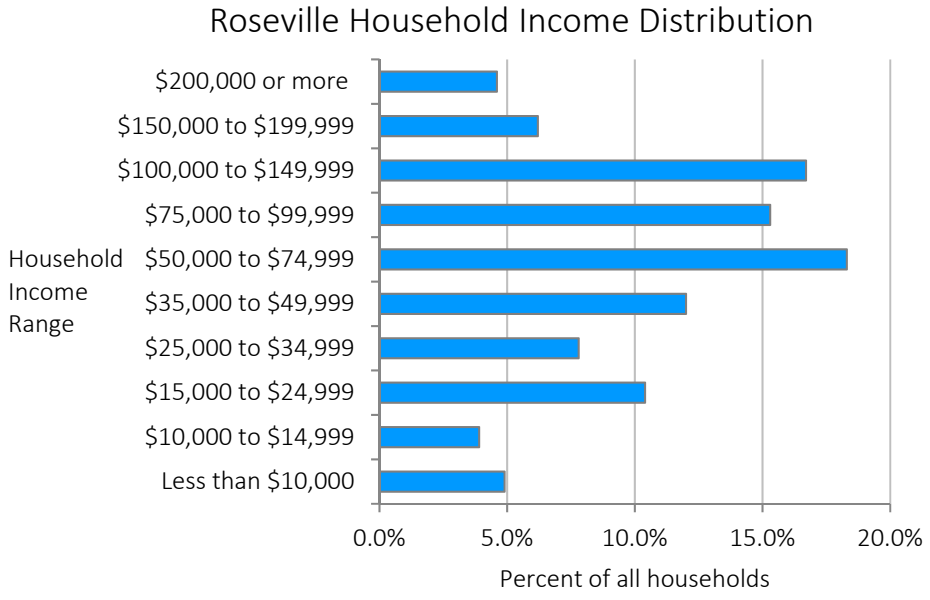
TABLE 3-3 SOURCE: 2015 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)

	Median household income ($)	Average household income ($)
Arden Hills	80,208	109,182
Shoreview	79,252	102,286
Falcon Heights	71,765	91,075
Hennepin County	65,834	92,879
Roseville	**63,678**	**79,880**
Maplewood	62,527	76,674
New Brighton	60,964	77,575
St. Anthony	60,742	82,997
Ramsey County	56,104	75,483
Minneapolis	51,480	75,185
Little Canada	50,156	64,834
St. Paul	48,757	67,612
Lauderdale	41,792	57,294

The median and average household income in Roseville is generally consistent with other nearby communities as shown in TABLE 3-3 above. The median and average household income is slightly higher when compared to Ramsey County as a whole, but lower when compared with Hennepin County.

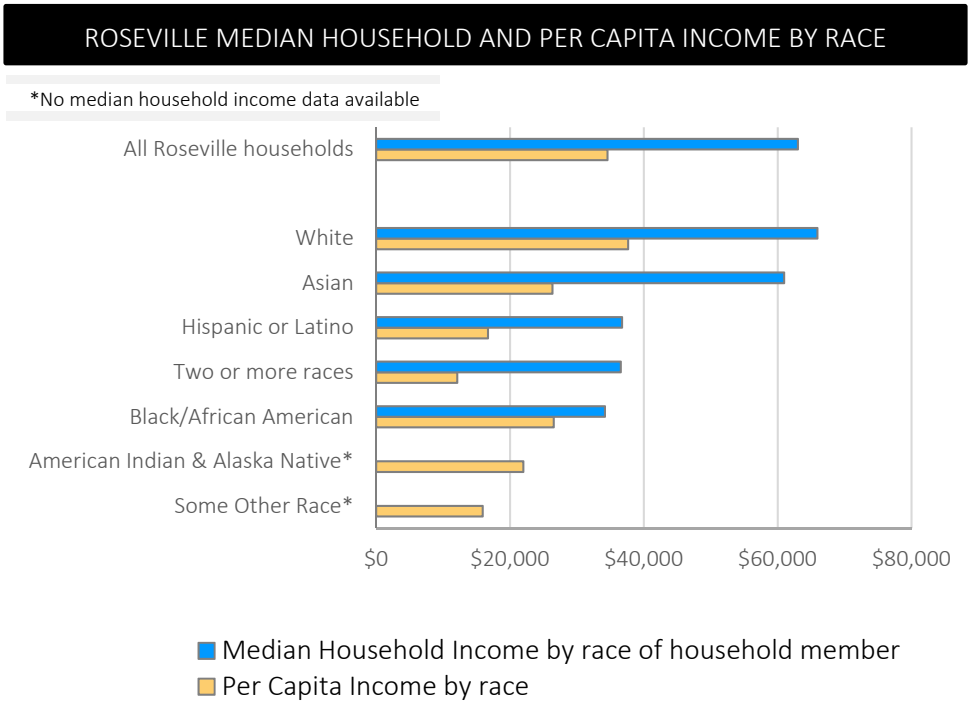
The range of Roseville household incomes is wide. Approximately 50 percent of households make between $50,000 and $150,000. About 39 percent of households make less than $50,000, while 11 percent of households make more than $150,000 (see FIGURE 3-4).

FIGURE 3-4 SOURCE: 2015 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)



Income disparities exist along racial lines in Roseville. The median household income for households with a white member is above $60,000, while the same value for households with Hispanic/Latino or Black membership is below $40,000 annually. Similar disparities exist when the metric is per capita income.

FIGURE 3-5 SOURCE: 2016 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)



Poverty Rate

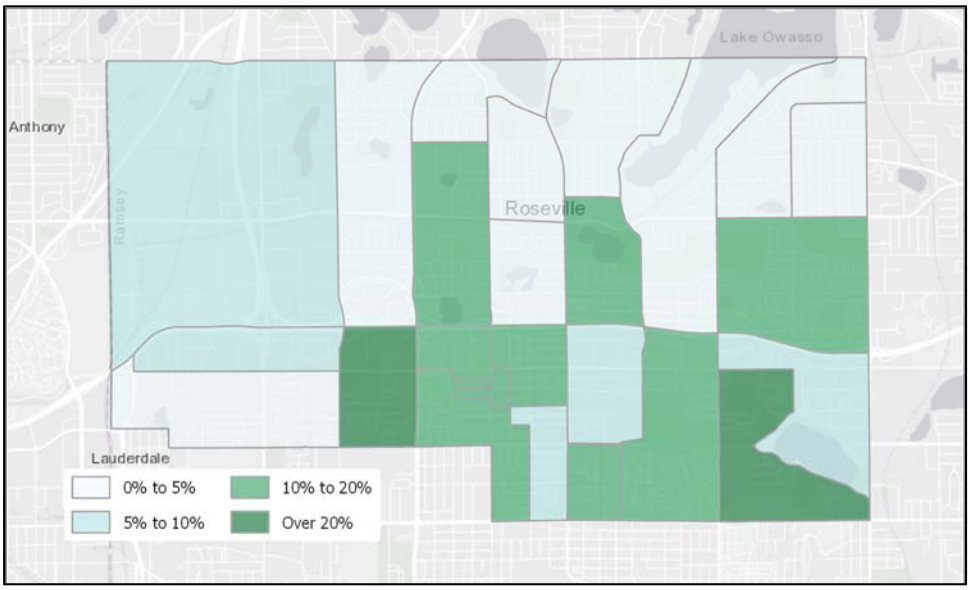
As shown in TABLE 3-4, the percentage of Roseville residents living below the poverty level is 11.5 percent, which is slightly lower than average compared to other surrounding communities. The percentage of Roseville residents living below the poverty level has increased significantly from a rate of 4.2 percent in 1999.

TABLE 3-4 SOURCE: 2015 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)

Community	Below poverty
St. Paul	22.3%
Minneapolis	21.9%
Lauderdale	17.9%
Ramsey County	16.5%
Hennepin County	12.5%
Little Canada	12.1%
Roseville	**11.5%**
New Brighton	11.4%
Falcon Heights	11.1%
Maplewood	9.6%
St. Anthony	6.1%
Shoreview	5.3%
Arden Hills	5.1%

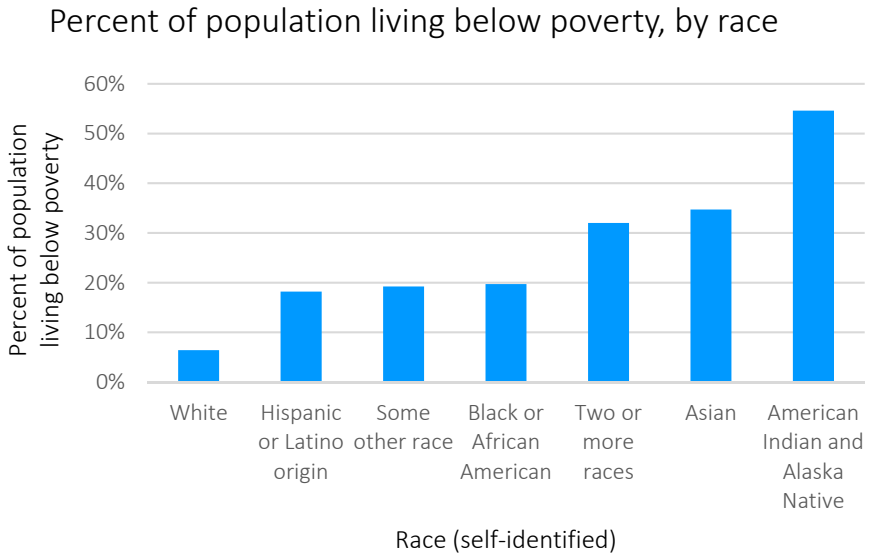
The geographic distribution of poverty in Roseville is shown in MAP 3-5 below, expressed as the percentage of households living at or below the poverty level. This map is, as would be expected, a virtual opposite of MAP 3-4.

MAP 3-5 PERCENTAGE OF POPULATION LIVING AT OR BELOW POVERTY LEVEL, BY CENSUS BLOCK GROUP. SOURCE: 2016 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)



As with household income (FIGURE 3-4), looking at poverty in Roseville through the racial equity lens tells a more nuanced story. Whereas six percent of the white population in Roseville lives in poverty, poverty is the reality for nearly 20 percent of both the black and Hispanic/Latino populations, 35 percent of the Asian population, and more than half of the American Indian population.

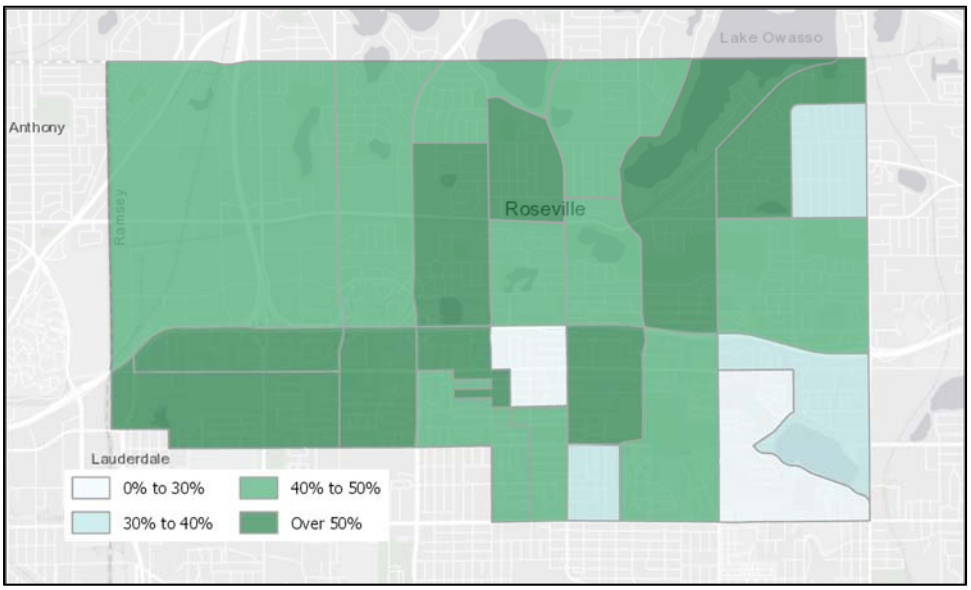
Figure 3-6 SOURCE: 2016 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)EDUCATION



Educational Attainment

The geographic distribution of the educational attainment level of Roseville's population is shown in MAP 3-6 below, expressed as percentage of the population with a bachelor's degree or higher.

MAP 3-6 PERCENTAGE OF THE POPULATION WITH A BACHELOR'S DEGREE OR HIGHER, BY CENSUS BLOCK GROUP. SOURCE: 2016 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)



Roseville's population is becoming increasingly more educated. In 2000, the percentage of Roseville residents with a bachelor's degree or higher was 42.3 percent. In 2015, that number had increased to 46.5 percent (TABLE 3-5). Maintaining a highly-educated workforce is just one key component to attracting new employers to Roseville.

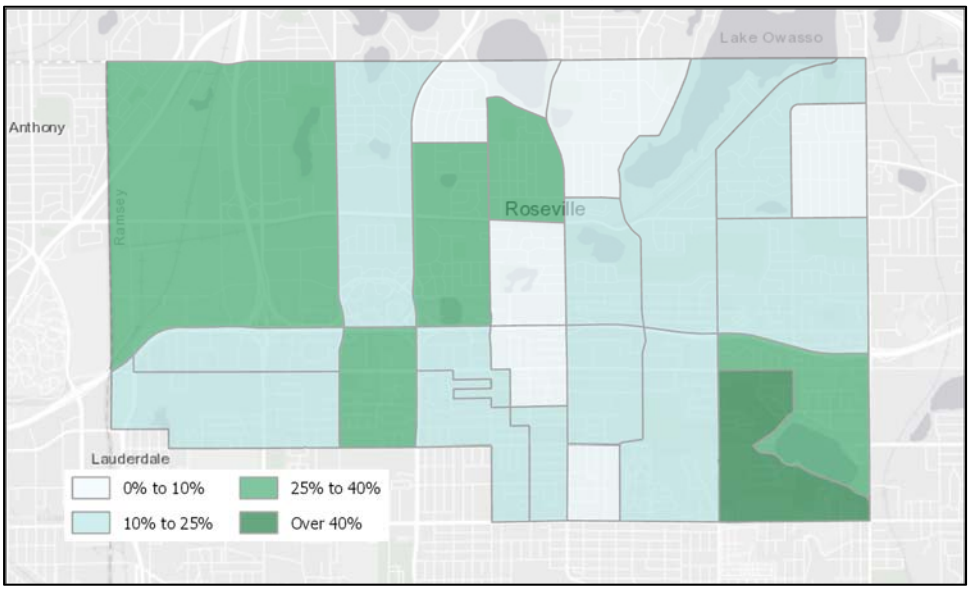
TABLE 3-5 SOURCE: 2015 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)

Educational Attainment of Population 25 Years & Older	Percentage
Total:	**24,573**
Less than high school graduate	6.6%
High school graduate (includes equivalency)	19.6%
Some college, no degree	18.8%
Associate's degree	8.5%
Bachelor's degree	25.9%
Graduate or professional degree	20.6%

Race

The geographic distribution of Roseville's racial diversity is shown in MAP 3-7 below, expressed as the percentage of the population that identifies as a member of a minority race (race other than White).

MAP 3-7 PERCENTAGE OF THE POPULATION THAT IDENTIFIES AS NON-WHITE, BY CENSUS BLOCK GROUP. SOURCE: 2016 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)



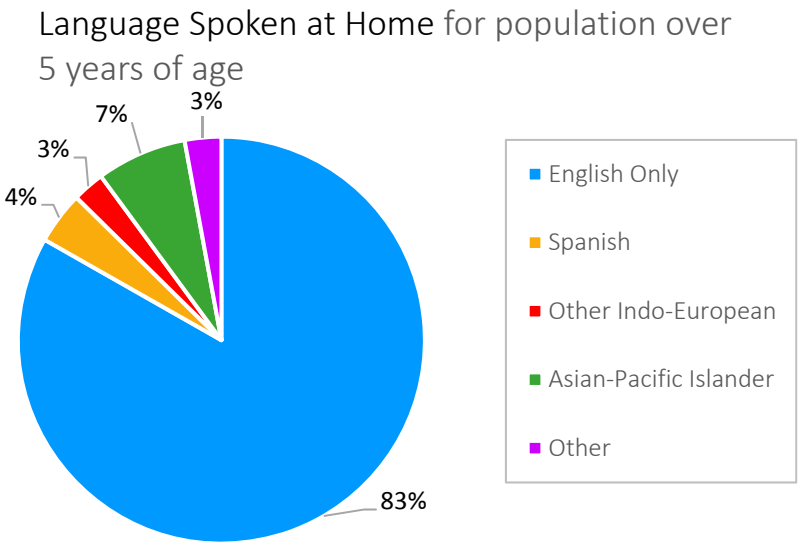
Similar to other nearby communities, Roseville is seeing an increase in racial diversity among its residents. From 2000 to 2010, the rate of non-white individuals in Roseville increased from 10.5 percent to 20.7 percent (TABLE 3-6). If regional trends for urban communities continue, it is anticipated that the number of non-white individuals in Roseville will continue to grow as a percentage of the overall population. After White-not-Hispanic, Asian-not-Hispanic is the second largest racial ethnicity in Roseville at 7.2 percent.

TABLE 3-6. SOURCE: 2010 US CENSUS

Racial Demographics		
	Population	**Percent**
White	26,700	79.3%
Black or African American	2,038	6.1%
American-Indian	132	0.4%
Asian	2,436	7.2%
Native Hawaiian/Pacific Islander	11	0.0%
Hispanic or Latino	1,551	4.6%
Other	32	0.1%
Two or More	760	2.3%
	33,660	**100.0%**

The proportion of the population who speaks a language other than English at home in Roseville is growing. In the year 2000, 91 percent of residents spoke English at home. Today that rate is closer to 83 percent (FIGURE 3-7), reflecting a growing diversity of residents representing cultures and ethnicities from around the world.

FIGURE 3-7 SOURCE: AMERICAN COMMUNITY SURVEY (2011-2015 ESTIMATES)



4. THE HOUSING LANDSCAPE

In 2016, there were approximately 15,776 housing units within the City of Roseville, made up of a mixture of housing types. Housing is the dominant land use in Roseville, making up 42 percent of the area of the city.

TABLE 3-7 SOURCE: 2016 METROPOLITAN COUNCIL HOUSING STOCK ESTIMATES

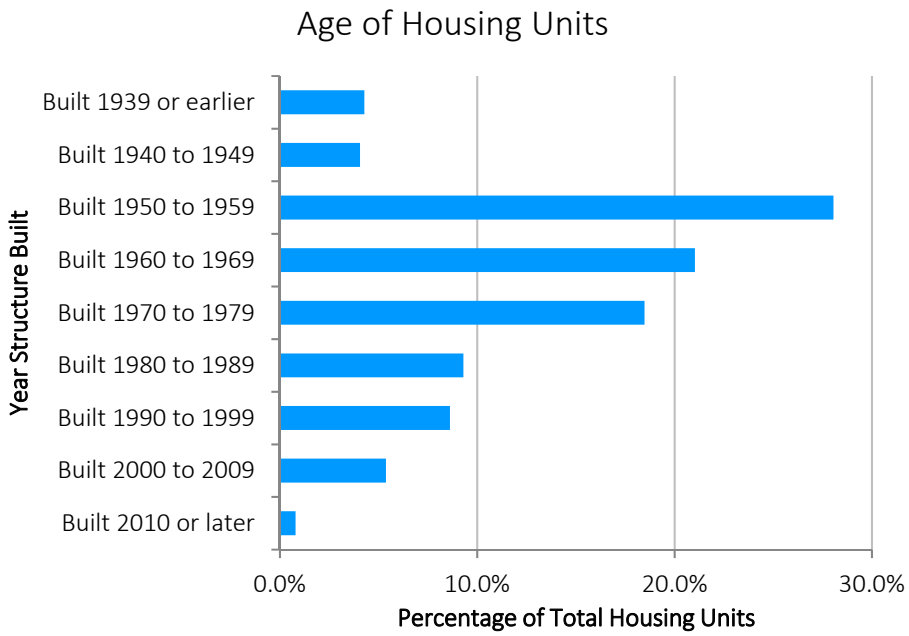
Roseville Housing Units by Housing Type

Single-family units		
Single-Family Detached	8,549	54.2%
Townhomes (single-family attached)	1,016	6.4%
Manufactured Home & Other (boat, RV)	124	0.8%
Multifamily units		
Duplex, Triplex, and Quadruplex	246	1.6%
Multifamily (5 units or more)	5,841	37.0%
2016 Total	**15,776**	

Single-family detached is by far the most dominant type of housing unit within Roseville (TABLE 3-7), and it requires the most land per household. With Roseville mostly fully developed, it is likely that most new housing units will come through redevelopment at increased housing densities.

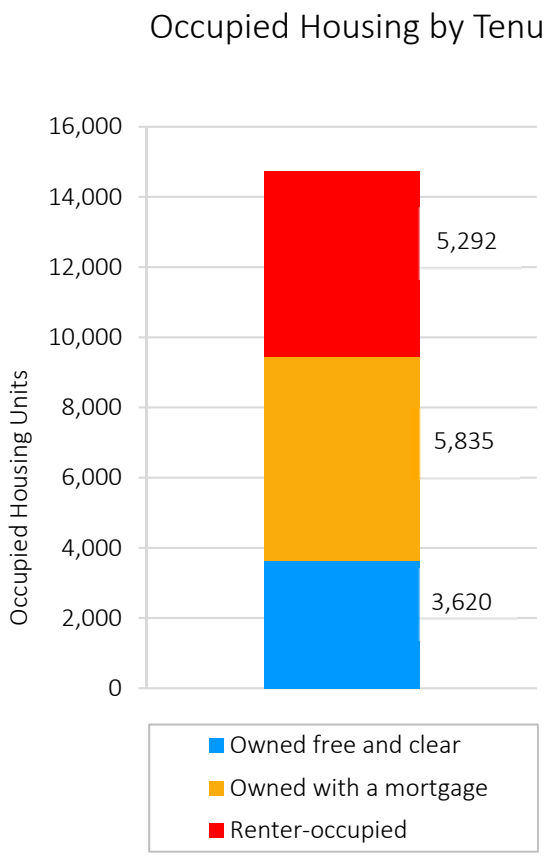
Maintaining a quality housing stock is essential to a healthy Roseville. Similar to many inner-ring suburban communities, Roseville is seeing its housing stock age. Approximately 76 percent of housing units in Roseville were built prior to 1980.

FIGURE 3-8 SOURCE: 2015 AMERICAN COMMUNITY SURVEY (5-YEAR ESTIMATES)



While the majority of Roseville's housing is owner-occupied, an estimated 36 percent of Roseville's housing units are occupied by renters (FIGURE 3-9).

FIGURE 3-9 DATA SOURCE: AMERICAN COMMUNITY SURVEY (2015 ESTIMATES)



5. THE ECONOMY

The Metropolitan Council estimates there were nearly 37,000 jobs in Roseville in 2015 (TABLE 3-8). Average annual wages were $46,047, which falls short of the Ramsey County average annual wage by about $10,000. This may be because the retail, health, and food services industries which are dominant in Roseville's job landscape, tend to generate lower-wage positions. The Metropolitan Council's employment forecast predicts that Roseville will gain around 4,000 jobs by 2040.

TABLE 3-8 SOURCE: QUARTERLY CENSUS OF EMPLOYMENT AND WAGES, MN DEPARTMENT OF EMPLOYMENT AND ECONOMIC DEVELOPMENT.

Industry	Employment Total
Retail Trade	5,802
Health Care and Social Assistance	5,735
Accommodation and Food Services	4,064
Administrative and Waste Services	2,588
Transportation and Warehousing	2,490
Professional and Technical Services	2,330
Construction	2,259
Manufacturing	2,152
Educational Services	2,068
All Other Industries	1,789
Finance and Insurance	1,259
Information	1,024
Public Administration	971
Other Services, Ex. Public Admin	957
Real Estate and Rental and Leasing	741
Management of Companies and Enterprises	366
Arts, Entertainment, and Recreation	343
Total:	**36,930**

6. PAST AND FUTURE GROWTH

Forecasts for Roseville

The Metropolitan Council has developed growth forecasts for Roseville by decade, addressing the projected population, number of households, and number of jobs (TABLE 3-9).

From its 2010 size of 33,660 people, the total population of the City of Roseville is expected to grow by 840 people by the year 2040, a very modest increase for a city of its size. The population growth is projected to be overtaken by the growth in new households, which may speak to a shift away from an aging demographic in Roseville. The City can expect a growth of around 1,500 households and over 4,000 new jobs over the next 25 years. As an inner-ring, developed suburb, Roseville will accommodate population growth and economic development largely through strategic redevelopment opportunities that allow for new or denser configurations of housing within the community.

TABLE 3-9 SOURCE: 2010 US CENSUS AND METROPOLITAN COUNCIL FORECASTS

Roseville Forecast, 2010-2040

Forecast Year	Population	Persons per Household	Households	Employment
2010 (US Census)	33,660	2.30	14,623	35,104
2016 (estimate)	**35,836**	**2.24**	**15,245**	**37,452**
2020	36,000	2.24	15,300	37,300
2030	36,200	2.19	15,700	38,300
2040	36,700	2.17	16,100	39,300
Overall Change from 2016	**+700**	-0.07	**+855**	**+1,848**

Comprehensive planning involves planning for people and jobs that are not yet here. The Metropolitan Council develops population, housing, and employment forecasts as a component of a Community System Statement to help communities set realistic goals and policies to plan for the future needs and trajectories of the community over the decades to come. The Council's forecasts have been incorporated into this Plan update to plan pragmatically for all City systems and services in the future.

Roseville's 2040 Comprehensive Plan will incorporate regional policy and metro-wide goals while also integrating important local goals, objectives, and preferred outcomes. Both regional *Thrive MSP 2040* outcomes, as well as the local goals and priorities identified in Chapter 2, will form the foundational lenses of this Plan, guiding decision making and informing the content of each subsection. The chapters that follow will build on this community profile, and an understanding of who and what is here now, to create a vision for who and what this community will be by the year 2040.

CHAPTER 4: LAND USE

Chapter 4 includes the following information:

1. What We Heard
2. Existing Land Use
3. Land Use: What Will Be Here in the Future?
4. Goals and Strategies

A key purpose of a comprehensive plan is to incorporate forecasted population growth, housing needs, and development opportunities into future land use decisions. The Future Land Use Map is the primary way to do that. Updating the City's Land Use Plan offers Roseville the opportunity to anticipate the physical landscape and development patterns that will best meet the needs of the community. City officials can then make forward-thinking decisions that direct land use in a way that moves the community closer to the goals in Chapter 2.

As an inner-ring suburban community adjacent to both Minneapolis and St. Paul, the land in Roseville is largely built out. Approximately 1 percent of Roseville's land remains undeveloped. However, when opportunities for redevelopment and change arise, the Future Land Use Plan offers targeted guidance on the specific redevelopment locations and land uses that will fit with the community's vision.

1. WHAT WE HEARD

A summary of the public engagement related to land use at the events described in Chapter 2 is as follows:

- Ensure the availability of resources and facilities to serve Roseville's seniors.
- Provide amenities and services to support individuals and families with low incomes.
- Redevelop existing malls/retail areas, especially HarMar.
- Have a new, updated community center somewhere centrally located.
- Provide resources to attract and retain millennials.
- Create destination places that are not focused on shopping, including entertainment, cultural activities, and gathering spaces.
- Protect small pockets of green space.
- Break up large commercial areas and provide opportunities for small businesses.

- Create sense of place via streetscape improvements.
- Make the City more walkable.
- Build diverse types of gathering spaces.
- Create places for the arts and culture.
- Downtown-like retail (that is organized around a "center" or node) is preferable to strip malls.
- Places that are crowded and/or do not feel safe to pedestrians and bicyclists include Rosedale, HarMar, and the areas around Snelling Avenue/County Road B2 and Snelling/Larpenteur in general, tend to drive people away.
- Spaces for smaller, locally-owned businesses are needed.

When asked what is most important in managing growth while preserving a high quality of life, over 25 percent of online survey respondents stated, "revitalize areas with vacant or under-utilized land"; the next highest response (at nearly 22 percent) was "protect existing neighborhoods".

When asked more specifically about whether development on vacant or under-used land should be encouraged, approximately 60 percent of online survey respondents agreed or strongly agreed. Also, nearly 51 percent of respondents disagreed or strongly disagreed with the statement that Roseville needs more commercial areas.

In addition to these general public engagement efforts, several open houses were held in December, 2017, specifically related to future land use issues in areas where the Future Land Use Map was changing from the previous (2030) comprehensive plan. Attendees at these open houses were able to ask specific questions about their property, or properties in their neighborhood, that were proposed to have their future land use designation change in some way. Many parcel-specific comments were noted and a complete documentation is contained with the public engagement results in Appendix A. A summary of the input from the land use open houses is as follows:

- Concerns raised about the ten percent high density residential minimum requirement in the Corridor Mixed Use district at the Lexington-Larpenteur area open house
- Encouragement for mixed use plans for commercial properties along Rice Street
- Deep concern for how additional development at (or redevelopment of) HarMar might affect the residential neighborhoods to the east and south
    - Support for high-density residential development served by the A-line BRT stops along Snelling Avenue
    - Desire for a better multi-modal transportation network in the area northwest of County Road C and I-35W

- Questions about the potential development of low density residential parcels along the west side of Snelling Curve and access to them; but general consensus on their designation
- Questions about the Employment designation of parcels along County Road C (which is an existing light-industrial area) and protection of adjacent single-family neighborhoods

2. Existing Land Use

Existing land use information from the City's Geographic Information System is shown in Table 4-1 and Map 4-1. Roseville's largest land use category is its single family detached neighborhoods which encompass over 32 percent of the land area of the City. A more detailed discussion of the various use categories follows.

Table 4-1 Existing Land Use. Source: City of Roseville, 2016

Existing Land Use in Roseville by total acreage and percent of total			
Land Use Type		**Acres**	**Percent**
Single Family Detached	SFD	2944.38	32.8%
Right-of-Way	ROW	1759.00	19.6%
Multi-family	MF	639.21	7.1%
Institutional	IN	517.72	5.9%
Outdoor Sport and Recreation	SRO	460.95	5.1%
Light Industrial	LI	416.81	4.6%
Heavy Industrial	HI	368.43	4.1%
Open Space (passive)	OSP	344.74	3.8%
Open Space (natural)	OSN	290.44	3.2%
Community Commercial	CC	289.60	3.2%
Office	OFC	279.92	3.1%
Single Family Attached	SFA	181.54	2.0%
Regional Commercial	RC	163.49	1.8%
Railroad	RR	95.60	1.1%
Vacant Developable	VDL	94.67	1.1%
Neighborhood Commercial	NC	37.18	0.4%
Highway Commercial	HC	36.21	0.4%
Vacant	VAC	33.90	0.4%
Utility	UTL	20.36	0.2%
Manufactured Housing Park	MHP	9.16	0.1%
Single Family Attached Common Areas	SFAC	0.82	0.0%
Total		**8,984.13**	**100.0%**

Existing Residential Land Use

The primary land use type in Roseville is residential of a variety of types. Nearly 42 percent of the City's land is devoted to the combined residential uses of single family detached, single family attached housing, and multi-family housing. Areas with attached or multi-family residences tend to be located along or near major roadways throughout the City.

Existing Commercial Land Use

While only encompassing 5.8 percent of its area, Roseville is well known for some of its large commercial areas, including Rosedale Center, at the northwest corner of Highway 36 and Snelling Avenue. The City is also home to HarMar Mall, the location of the original Target store, the Wal-Mart development at Twin Lakes, and other strip-centers along major transportation corridors. In addition, many neighborhood-scale commercial nodes are distributed throughout the city, which provide shopping and services for residents of the area, as well as pass-through traffic.

Existing Industrial and Office Use

Industrial and office uses make up approximately 12 percent of Roseville, with industrial areas predominantly clustered north and west of the I-35W/Highway 280 corridor. Office complexes are also found within the industrial areas, as well as along Highway 36 and within the Twin Lakes redevelopment area.

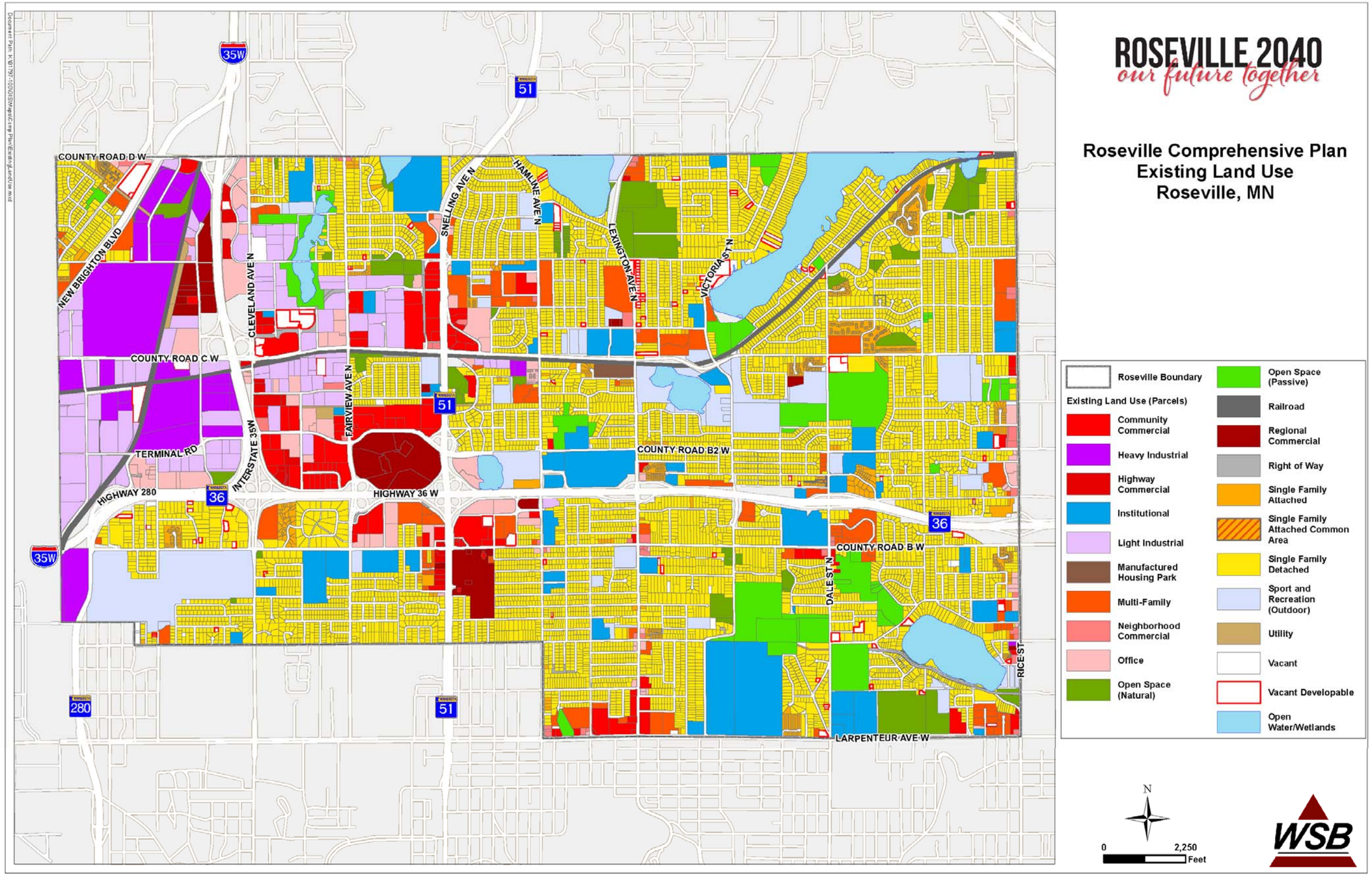
Parks, Open Space, and Natural Features

Roseville is a built out and largely urbanized community, but retains parks and open spaces that define the community and shape land development. Around 12 percent of its land area is devoted to parks and recreational or open space. Some of the largest include Central Park, Tamarack Park (which includes a large wetland area), and Reservoir Woods Park.

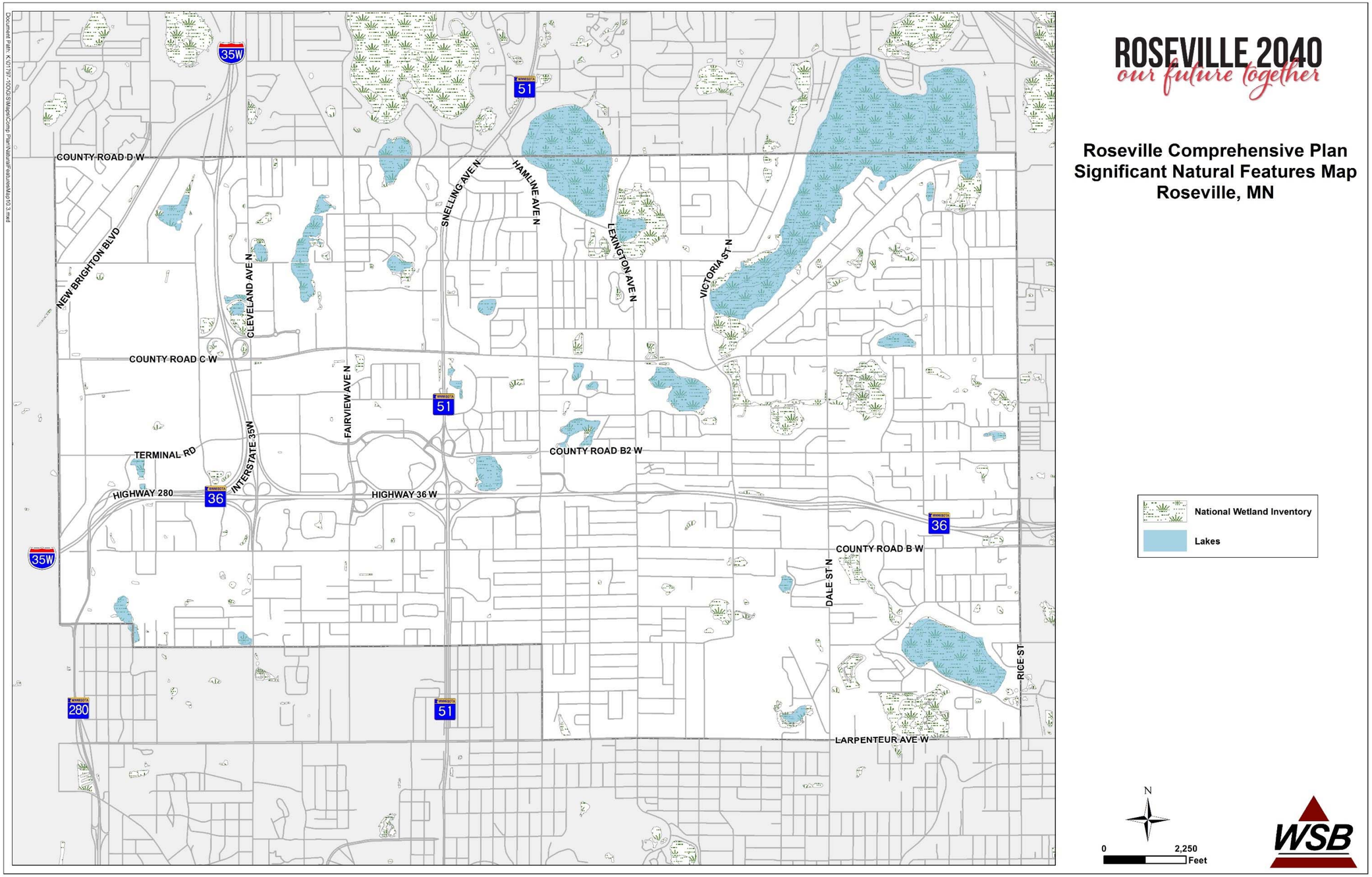
MAP 4-2 shows Roseville's wetlands as included in the National Wetland Inventory. These natural features are an important part of the character of Roseville and are largely preserved in parks and public land areas.

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MAP 4-1 EXISTING LAND USE. SOURCE, CITY OF ROSEVILLE GIS, 2016.



MAP 4-2 LAKES AND WETLANDS



3. Land Use: What Will Be Here in the Future?

Expected Growth and Change

Future land use planning begins with incorporating forecasts of community growth and anticipating the needs that will arise as a result of this growth and change. The Metropolitan Council has developed growth forecasts for Roseville by decade, addressing the projected population, number of households, and number of jobs. Meeting expected growth projections requires intentional land use planning.

Table 4-2 Roseville forecast, 2010-2040. Source: 2010 U.S. Census & Metropolitan Council Estimates and Forecasts.

Forecast Year	Population	Persons per Household	Households	Employment
2010 (US Census)	33,660	2.30	14,623	35,104
2016 (estimate)	**35,836**	**2.24**	**15,245**	**37,452**
2020	36,000	2.24	15,300	37,300
2030	36,200	2.19	15,700	38,300
2040	36,700	2.17	16,100	39,300
Overall Change from 2016	**+700**	-0.07	**+855**	**+1,848**

These forecasts show that the population is projected to decrease in Roseville by the year 2040, while the number of households is expected to increase modestly. This is consistent with the trend in decreasing household size; in Roseville, this means average household sizes going from 2.35 in 2016 to 2.14 in 2040.

Planning for Growth in a Developed Community

Planning for new housing in Roseville necessitates looking for redevelopment opportunity areas because very little undeveloped land remains in the community. Redevelopment areas in Roseville were identified by several means:

- Vacant, undeveloped parcels from the City's GIS system.
- Feedback from the public kick-off meeting, online survey, and in-person focus groups on areas that should be revitalized.
- Discussions with City staff and Planning Commission to identify under-utilized parcels.

MAP 4-4 shows the Future Land Use Plan for Roseville, including lands that the City feels are likely to develop or redevelop before 2040. Those consensus areas include properties in the Twin Lakes redevelopment area, properties along the Rice Street corridor, the HarMar Mall, the commercial area at Lexington and Larpenteur, and some of the properties to the west of Rosedale Center.

It is important to note that the City of Roseville considers "redevelopment" as an opportunity not just to reconstruct a site, but also to improve what is already there. The City intends to increase the vibrancy and attractiveness of the identified redevelopment areas by allowing and encouraging re-use of existing structures, infill development, redesign of parking areas and transportation facilities, and more. Redevelopment sites include areas that are underutilized, or that have the potential for adding to or revitalizing the buildings, businesses, and infrastructure.

Land Use Categories

The development of Roseville's 2040 Land Use Plan involves updating the land use descriptions and density ranges of each land use category. Some significant changes to those categories have been made, including:

- **Mixed-Use Districts.** The Plan now includes a range of Mixed-Use districts in place of what had been called business districts. These districts recognize that varying levels and scales of residential development are appropriate and should be permitted to mix with commercial uses throughout the city, including at major regional destinations, like Rosedale. Promoting the flexibility for residential uses to be located near, or even in the same building as commercial development, can help developers and property owners revitalize commercial areas and evolve sites as the retail landscape continues to change over the coming decades.
- **Employment Districts.** Districts for offices, research facilities, and business parks were renamed and re-described to focus more on the scale and intensity of the employment uses.
- **Scale, Intensity, and Transportation Considerations.** Added to each district is a summary indicating what type of scale and intensity is intended for the uses and structures there. Transportation considerations include things like what sorts of connections are needed between buildings, uses, and major transportation routes. Multi-modal connections are often mentioned, which refers to pedestrian, bike, transit, and vehicular "modes" of transportation.

The complete description of future land use categories is included in TABLE 4-3

TABLE 4-3 FUTURE LAND USE FRAMEWORK

	Full Name	Summary	Description
LR	Low-Density Residential	Density: 1.5–8 units/acre Uses: Single- and two-family residential Scale: small Intensity: low Transportation considerations: sidewalks, trails	Low-density residential land uses include single-family detached houses generally with a density between 1.5 and four units per acre, and two-family attached or small lot single-family detached houses generally with a density of no more than eight units per acre.
MR	Medium-Density Residential	Density: 5–12 units/acre Uses: Condominiums, townhomes, duplexes, row houses, small lot detached homes Scale/Intensity: medium Transportation considerations: sidewalks, trails	Medium-density residential land uses include single-family attached housing types such as triplex, quadruplex, row houses, side-by-side townhouses, back-to-back townhouses, mansion townhouses, and small lot detached houses, generally with a density greater than five units per acre up to 12 units per acre.
HR	High-Density Residential	Density: 13–36 units/acre Uses: Apartments, lofts, stacked townhomes Scale: medium to large Intensity: medium to high Transportation considerations: sidewalks, trails, connections to multi-modal facilities	High-density residential land uses include multifamily housing types like apartments, lofts, flats, and stacked townhouses, generally with a density greater than 12 units per acre.

	Full Name	Summary	Description
MU-1	Neighborhood Mixed-Use	Density: 5–12 dwelling units/acre Uses: Medium-density residential, commercial, office, civic, parks and open space Residential requirement: none Scale: small to medium Intensity: low Transportation considerations: sidewalks, trails connections between neighborhoods and businesses, and connections to transit stops	Neighborhood Mixed-Use areas are located at important neighborhood crossroads where uses will be organized into cohesive neighborhood "nodes". These areas may incorporate a mixture of commercial and residential uses, with commercial uses preferable at block corners. Residential uses should generally have a density between five and 12 units per acre. Buildings shall be scaled appropriately to the surrounding neighborhood, reflecting a low- to mid-rise profile. Commercial uses should be oriented toward pedestrians and the sidewalk. Commercial uses should be designed to minimize negative impacts to adjacent residential neighborhoods while maintaining connections with sidewalks or trails. This is the most restrictive mixed-use area in terms of intensity, and it is intended for application in areas adjacent to low-density residential neighborhoods. Development will be limited in height to correspond to the surrounding neighborhood character.
MU-2	Community Mixed-Use	Density: 10–36 dwelling units/acre Uses: Medium- to high-density residential, commercial, office, civic, parks and open space Residential requirement: 10% Scale/Intensity: medium Transportation considerations: sidewalks, trails, multi-modal facilities, connections between uses, and connections to transit stops	Community Mixed-Use areas are intended to contain a mix of complementary uses that may include housing, office, civic, commercial, park, and open space uses. Community Mixed-Use areas organize uses into a cohesive district, neighborhood, or corridor, connecting uses in common structures and with sidewalks and trails, and using density, structured parking, shared parking, and other approaches to create green space and public places within the areas. The mix of land uses may include medium- and high-density residential, office, community business, institutional, and parks and open space uses. Residential land uses will account for at least 10% of the overall mixed-use area. The mix of uses may be in a common site, development area, or building. Individual developments may consist of a mix of two or more complementary uses that are compatible and connected to surrounding land-use patterns. To ensure that the desired mix of uses and connections are achieved, a more detailed small-area plan, master plan, and/or area-specific design principles is required to guide individual developments within the overall mixed-use area.

	Full Name	Summary	Description
MU-3	Corridor Mixed-Use	Density: 13–36 dwelling units/acre Uses: High-density residential, commercial, office, civic, parks and open space Residential requirement: 10% Scale: medium Intensity: high Transportation considerations: strong emphasis on pedestrian, transit, and bicycle access, and connections between uses	Corridor Mixed-Use areas are located along major transportation corridors in the City. Corridor Mixed-Use areas may include a wide range of uses from shopping centers, to freestanding businesses and institutions, to high-density residential developments. High-density residential uses are encouraged in these areas. Corridor Mixed-Use areas promote the redevelopment of aging strip centers and under-utilized commercial sites in a manner that integrates shopping, employment, services, places to live, and/or public gathering spaces. Corridor Mixed-Use areas should have a strong orientation to pedestrian, transit, and bicycle access to the area, and movement within the area. Residential uses, generally with a density greater than 13 units per acre, may be located in Corridor Mixed-Use areas as part of mixed-use buildings with allowable business uses on the ground floor, or as standalone buildings with well-designed infrastructure connecting them to the surrounding area.
MU-4	Core Mixed-Use	Density: 20–36 dwelling units/acre Uses: High-density residential, commercial, office, shopping centers Residential requirement: 10% Scale: large Intensity: high Transportation considerations: access to multi-modal facilities and connections, preserved pedestrian and bicycle access in high vehicular traffic areas, access to commercial areas from residential uses and transit hubs	Core Mixed-Use areas are located in places with visibility and access from the regional highway system (I-35W and Highway 36). Core Mixed-Use areas include large-footprint commercial development, shopping centers, large-scale institutions, office buildings, high-density residential uses, and other uses that generate more traffic, noise, and intensity than other mixed use districts. Public plazas and green infrastructure connections should be designed into the Core Mixed-Use District. High-density residential land uses of at least 20 units per acre are highly encouraged in these areas. Residential development should be well-connected to and accessible from the surrounding commercial uses by those traveling without a car. Structures found in Core Mixed-Use areas are greater in bulk than other mixed-use districts, and are at a scale appropriate to their proximity to highways and major thoroughfares. Core Mixed-Use areas should be well-served by existing or planned transit, and pedestrian and bicycle access both to and between areas in this district is strongly encouraged. The scale of this district requires intra-district connectivity and multi-modal access. Limits to surface parking are encouraged.

Code	Full Name	Summary	Description
E-1	Employment	Uses: Office, business, research Scale: small to medium Intensity: low to medium Transportation considerations: multi-modal facilities, and connections to transit stops	Employment areas include a variety of smaller-scale office uses such as business, professional, administrative, scientific, technical, research, and development services.
E-2	Employment Center	Uses: Office, business, R&D, business parks Scale: medium to large Intensity: medium to high Transportation considerations: multi-modal facilities and connections to transit stops	Employment Centers are largely single-use areas that have a consistent architectural style with a mix of employment-oriented use types. These uses may include office, office-showroom-warehousing, research and development services, high-tech electronic manufacturing, medical, and lodging with business-park-supporting retail and services such as healthcare, fitness, daycare, dry cleaning, bank, coffee shop, restaurant, and convenience store. The scale of development in these areas is commensurate with their proximity to highways and major transportation corridors. Appropriate connections to transit should be included in employment center developments.
I	Industrial	Uses: manufacturing, light industrial, warehousing, distribution Scale: medium to large Intensity: medium to high Transportation considerations: connections to transit, freight connections to rail, highways and major corridors	Industrial uses include manufacturing, assembly, processing, warehousing, distribution, related office uses, and truck/transportation terminals.
IN	Institutional	Uses: civic, school, places of worship Scale: medium to large Intensity: medium to high Transportation considerations: sidewalks, connections to transit, multi-modal facilities	Institutional land uses include civic, school, library, church, cemetery, and correctional facilities on a larger scale than the low-density residential areas that traditionally surround them.

Future Land Use Plan

The Future Land Use Plan presented in MAP 4-3 includes the future land use districts and areas likely to develop or redevelop as discussed in previous sections of this chapter.

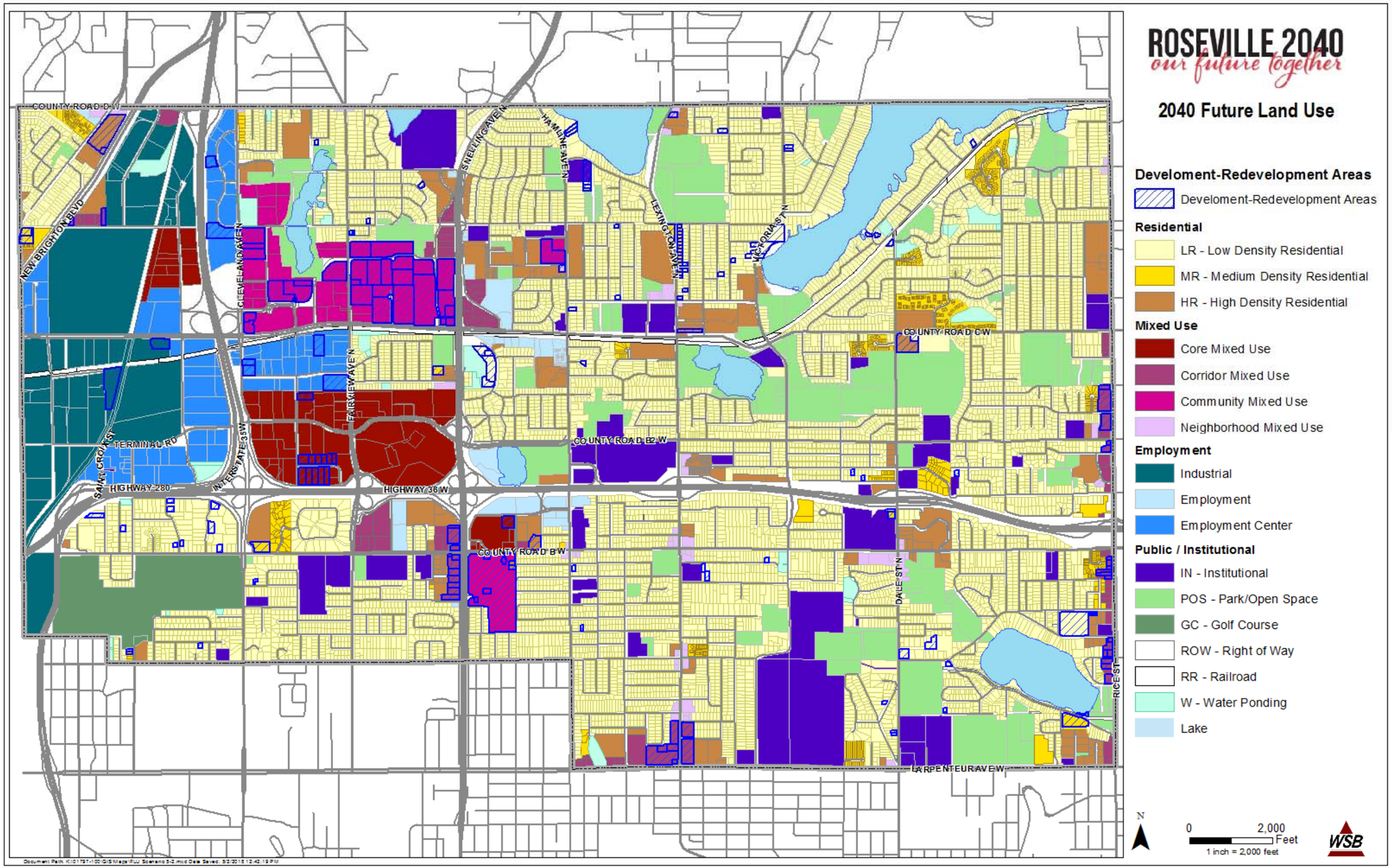
TABLE 4-4 FUTURE LAND USE CATEGORY BY LAND AREA

2040 Land Use Category	Total Acres	Percent of Total Land Area (%)
Low-Density Residential	3,109	42.60%
Medium-Density Residential	171	2.35%
High-Density Residential	718	9.84%
Neighborhood Mixed-Use	44	0.6%
Community Mixed-Use	264	3.62%
Corridor Mixed-Use	136	1.86%
Core Mixed-Use	280	3.83%
Employment	88	1.21%
Employment Center	349	4.78%
Industrial	512	7.01%
Institutional	527	7.22%
Parks and Open Space	778	10.66%
Golf Course	157	2.15%
Right-of-Way	31	0.42%
Railroad	61	0.84%
Water	74	1.02%
Total	**7,299**	100%

There are some apparent discrepancies in the amounts of right-of-way area depicted in land use tables in the Plan. On the future Land Use Plan, there is very little land area planned for right-of-way, despite the fact that there is obviously more right-of-way in the City than what is shown in this table. This figure merely represents right-of-way areas that are not used for transportation purposes (i.e. Utility areas and others); all road rights-of-way were removed from the Future Land Use Plan. Also, in Roseville many roadways exist on tax parcels rather than in formally dedicated right-of-way, which accounts for some discrepancies.

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MAP 4-3 2040 FUTURE LAND USE PLAN WITH LIKELY REDEVELOPMENT AREAS



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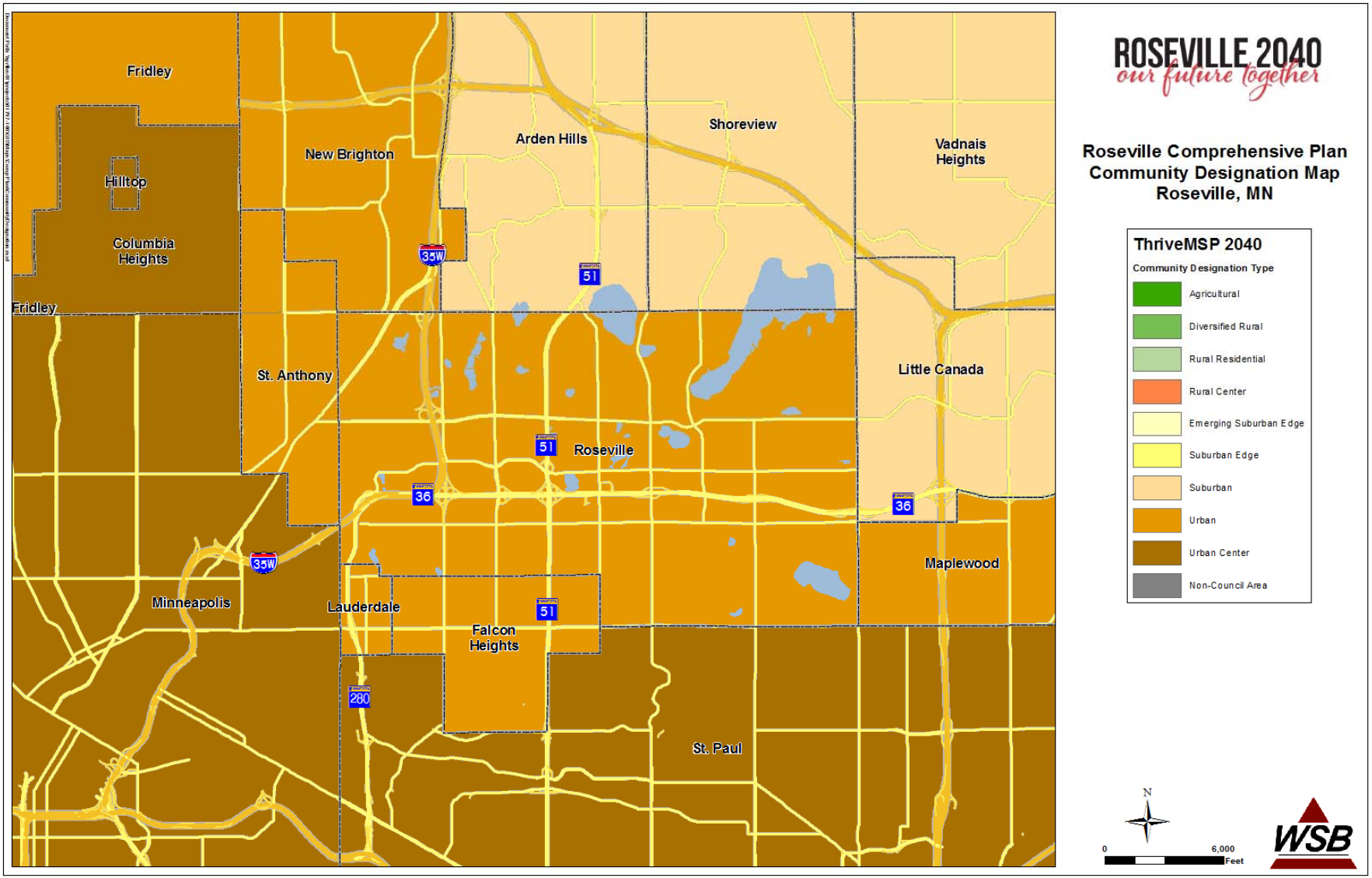
Regional Context: Community Designation

In *Thrive MSP 2040*, the Metropolitan Council groups similar jurisdictions within the metropolitan region based on urban or rural character for the application of identified regional policies and goals. The entirety of Roseville is designated as Urban under this classification. As described in the box below, the Urban designation translates to specific expectations in terms of development density and incorporation of transit services as a transition city between the urban core and more auto-dependent suburban communities.

Community Designation: The Metropolitan Council identifies Roseville as an **Urban** community. Urban communities experienced rapid development during the post-World War II era and exhibit the transition toward the development stage dominated by the influence of the automobile.

Urban communities are expected to plan for forecasted population and household growth at average densities of **at least 10 units per acre** for new development and redevelopment. In addition, Urban communities are expected to target opportunities for more intensive development near regional transit investments at densities and in a manner articulated in the *2040 Transportation Policy Plan.*

MAP 4-4 COMMUNITY DESIGNATION FOR ROSEVILLE AND SURROUNDING COMMUNITIES



Meeting Growth Expectations

As stated earlier, Roseville's "likely development-redevelopment areas," are identified as opportunity areas for development, redevelopment, re-use, intensification, infill, or improvement by 2040. Those areas are shown outlined in blue cross-hatch on MAP 4-3 and they are critical to understanding how the City meets its growth expectations for the coming decades. These areas were identified because they fall into one of three categories:

- **Vacant land:** A very small amount of land in Roseville remains undeveloped. All parcels that were vacant when this Plan was written are included in the development-redevelopment areas.
- **Under-utilized sites:** Some sites were identified as "under-utilized', meaning that there might be an excessive amount of parking that could be used for other uses, there could be vacant *portions* of a site that could be built out, or there might be significant vacancies within shopping centers that indicate the area is ripe for redevelopment.
- **Areas with redevelopment potential:** These areas were highlighted in public engagement efforts as needing attention, revitalization, change, or intensification of uses.

Overall, the growth expectations for Roseville through the year 2040 can be met through the identified redevelopment areas in MAP 4-3. TABLE 4-5 below shows the residential acreage associated with the parcels included in the redevelopment areas, as well as the land use density ranges associated with each of these residential categories. Applying the expected density ranges to the land use areas, this table demonstrates the two ways in which the likely redevelopment areas will meet Roseville's forecasted and expected 2040 growth:

- **Overall Average Density:** Applying the *minimum* end of the density range to each residential land use category, the overall average density is the total number of expected minimum units divided by the total number of acres in the likely redevelopment areas. Roseville's overall average density is just over 10 units per acre, which achieves the expected average for an Urban community.
- **Overall Forecasted Growth:** Applying the *midpoint* of the density range to each residential land use category, the total number of expected units from this calculation is 1,116, which exceeds the 855 units forecasted growth from 2016 to 2040 as shown in TABLE 4-5.

Note that a "10 percent" residential assumption is applied to three of the mixed-use districts in the Future Land Use Plan, as that is the amount of residential

development *required* in those districts, reducing both the guided land area and the potential residential units by 90 percent in those categories.

TABLE 4-5 RESIDENTIAL GROWTH POTENTIAL BASED ON FUTURE LAND USE DESIGNATIONS AND REDEVELOPMENT AREAS.

Land Use Type		TOTAL Dev. Acres	Density Range			Yield %	TOTAL Minimum Units	TOTAL Midpoint Units
			Min	Mid	Max			
2040 Future Land Use	Medium-Density Res	16.12	5	8.5	12	100%	81	137
	High-Density Res	17.69	13	24.5	36	100%	230	433
	Community Mixed-Use	170.91	10	23	36	10%	171	393
	Corridor Mixed-Use	44.43	13	24.5	36	10%	58	109
	Core Mixed-Use	15.73	20	28	36	10%	31	44
	Guided Total	**50.90**					**571**	**1,116**
	Community Designation Density	**11.21**						

Looking once again at the likely redevelopment areas identified in the 2040 guide plan, the following table, TABLE 4-6, summarizes the commercial and industrial redevelopment acreage in the city and translates this acreage into employment potential. In total, redevelopment of the identified commercial, industrial, and mixed-use opportunity areas could yield up to 5,099 new jobs in Roseville by the year 2040, exceeding the Metropolitan Council forecast of approximately 4,000 new jobs in Roseville by 2040 (TABLE 4-2). That is a maximum number, however, which would assume complete redevelopment of all areas shown on the Future Land Use Map and does not account for the number of jobs located on the sites (such as HarMar Mall) as they existed at the time this Plan was written.

TABLE 4-6 POTENTIAL EMPLOYEE YIELD IN NON-RESIDENTIAL FUTURE LAND USE CATEGORIES

Future Land Use	Acres	Yield	F.A.R.	New Sq. Footage	Area Per Employee	Employee Yield
Neighborhood Mixed-Use	1.3	100%	20%	11,648	400	29
Community Mixed-Use	170.9	90%	20%	1,340,089	400	3,350
Corridor Mixed-Use	44.4	90%	20%	348,330	400	871
Core Mixed-Use	15.7	90%	20%	123,345	400	308
Employment	0.0	100%	20%	-	400	-
Employment Center	17.7	100%	20%	153,949	400	385
Industrial	8.9	100%	20%	77,815	500	156
Total						5,099

Staging of Redevelopment out to 2040

As shown in TABLE 4-2, Roseville has already achieved its 2040 forecasted population growth, according to 2016 Metropolitan Council estimates, but still has 855 units of forecasted household growth between now and 2040. These additional households can be accounted for in the redevelopment areas shown on the Future Land Use Plan. The City has identified specific areas for revitalization and redevelopment based on community input that are shown on MAP 4-3 and discussed in more detail in the Economic Development chapter of this Plan. These areas might not redevelop by completely removing everything that is currently on the sites, but these are sites where the City believes additional development – or reuse of existing structures – is appropriate.

The staging of that development is difficult to predict in Roseville, given the changing nature of the retail environment, where many of the redevelopment sites are located, and the special studies (such as the Rice-Larpenteur Gateway Area Vision Plan) underway. Assuming steady growth over the next two decades, the City can expect redevelopment overall to be spread fairly even between the 2020 – 2030 and 2030 – 2040 decades. This pattern is reflected in TABLE 4-7.

TABLE 4-7 REDEVELOPMENT STAGING TABLE

	Land Use Type	TOTAL Dev. Acres	Acres now-2030	Acres 2031-2040	Density Range Min	Density Range Mid	Density Range Max	Yield %	Minimum 2030	Minimum 2040	TOTAL Minimum Units	Midpoint 2030	Midpoint 2030	TOTAL Midpoint Units
2040 Future Land Use	Medium Density Res	16.12	8.06	8.06	5	8.5	12	100%	40	40	81	69	69	137
	High Density Res	17.69	8.85	8.85	13	24.5	36	100%	115	115	230	217	217	433
	Community Mixed Use	170.91	85.46	85.46	10	23	36	10%	85	85	171	197	197	393
	Corridor Mixed Use	44.43	22.21	22.21	13	24.5	36	10%	29	29	58	54	54	109
	Core Mixed Use	15.73	7.87	7.87	20	28	36	10%	16	16	31	22	22	44
	Guided Total	**50.90**							**285**	**285**	**571**	**558**	**558**	**1116**

Community Designation Density	11.21
Total expected housing units	1,116
Units considered affordable (>- 12 du/ac in 2021-2030 decade)	245

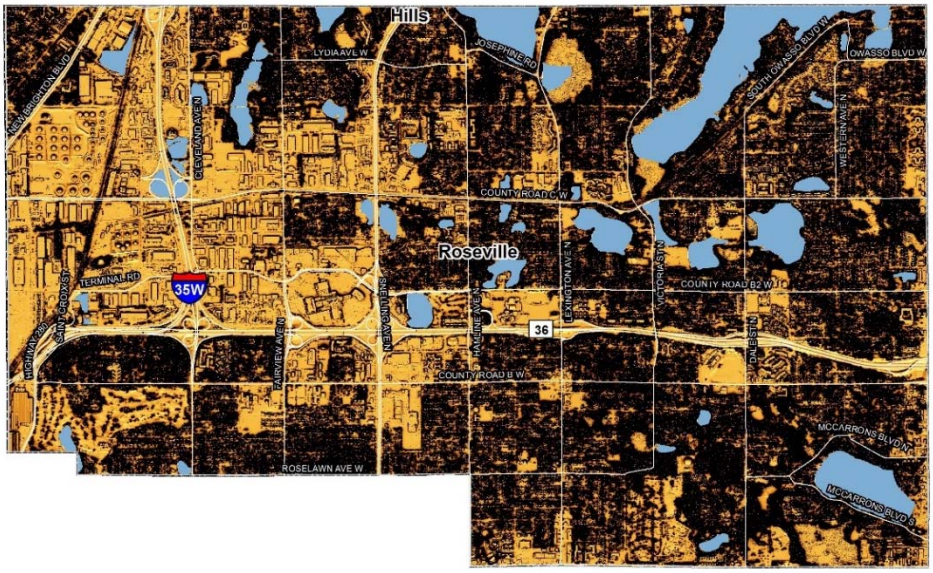
Protection of Historic Sites

Roseville values the historical and cultural resources of the city's natural and structural heritage. Many of these resources have been identified by the Roseville Historical Society, whose mission is, in part, to commemorate these sites and promote historical research of this area. The City will continue to support efforts to preserve historical sites and buildings, and utilize state, county, and private historic preservation resources to preserve or restore historic building sites where appropriate.

Solar Access Protection

Solar energy resource protection is an increasingly important aspect of long-range planning, as communities prepare for incorporation of alternative and efficient energy technologies. The map below is a preview of the larger map discussed in Chapter 9: Resilience and Environmental Protection. It shows Roseville's gross solar energy potential, with high-potential areas shown in brighter yellow.

MAP 4-5 SOLAR ENERGY POTENTIAL MAP. SOURCE: METROPOLITAN COUNCIL. FULL SIZE MAP LOCATED IN CHAPTER 9.



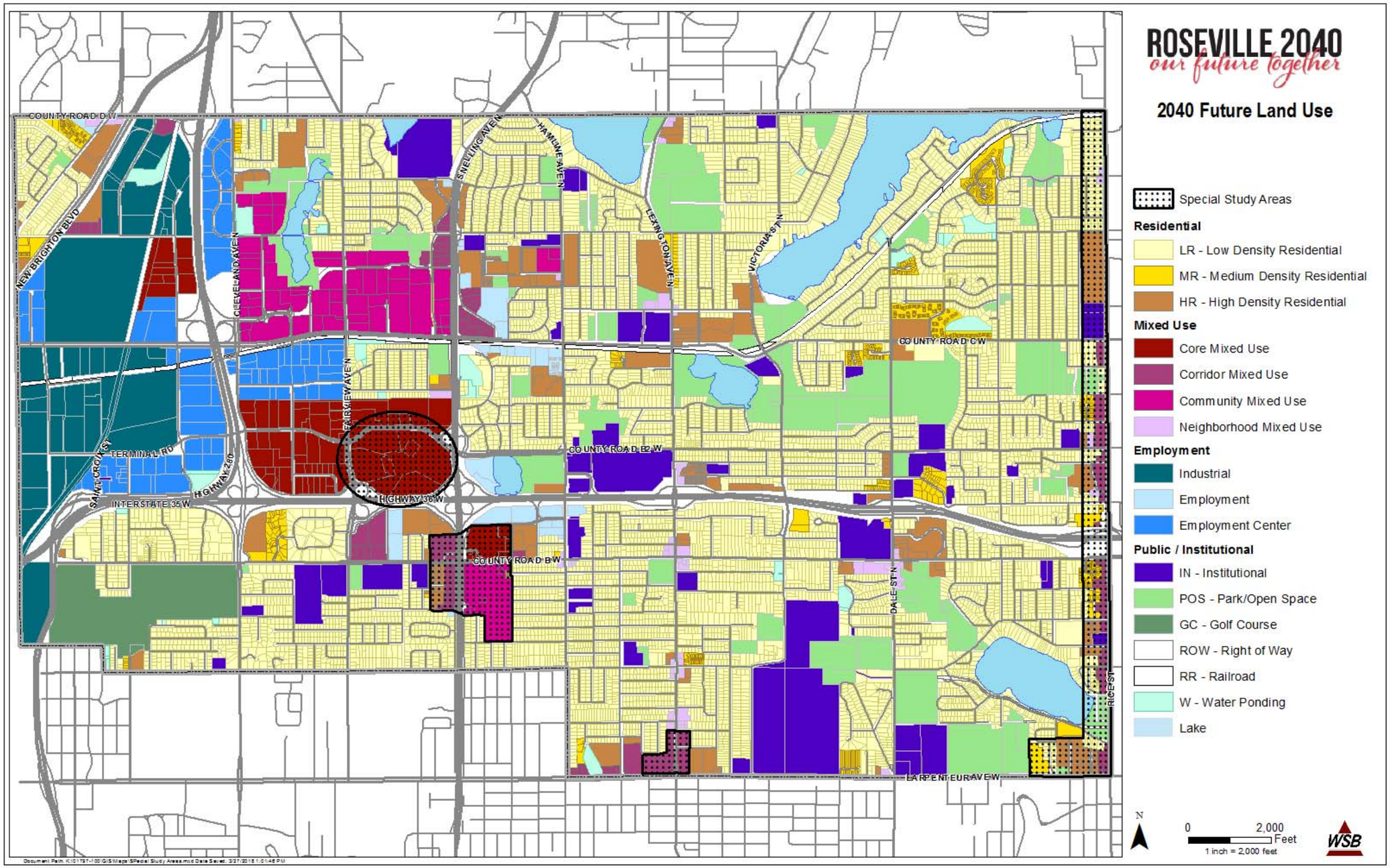
The western area of the city, with its largely developed industrial, commercial, and business parks, have the best solar potential, as it contains fewer trees and larger areas of uninterrupted solar access. According to data from the Metropolitan Council, the current gross solar energy generation potential can be measured at 1,706,136 megawatt hours per year. Rooftop solar potential generation alone is 252,346 megawatt hours per year. Rooftop solar systems are the most likely and practical source of solar energy production in Roseville. Solar energy goals and strategies will be discussed in more detail in Chapter 9 of this Plan.

Special Study Areas

There are several areas of Roseville that were identified early in the community engagement process as worthy of more detailed study, as shown on MAP 4-6. One of these areas, the Rice-Larpenteur area, is being studied as part of a separate process. That study, the Rice-Larpenteur Gateway Area Vision Plan, is included as Appendix B of this Plan. Ideas and possibilities for others, including Rosedale, HarMar, and the commercial area at Lexington and Larpenteur, are presented here.

This Plan stops short of providing small area plans for each of these areas. However, these areas are important to Roseville for a variety of reasons and should be examined further as part of the implementation of this Plan. The concepts presented in exhibits at the end of this chapter are only ideas (and not formal recommendations) for how each area could be re-energized, building upon the assets already there.

MAP 4-6 SPECIAL STUDY AREAS



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4. GOALS AND STRATEGIES

Several of the Citywide goals established in Chapter 2 relate to the topic of land use, and are restated here as the overall land use goals. The main implementation strategy for future land use planning is to update the City's official controls to reflect the uses and density ranges in the Plan. In addition to these updates, the City commits to the following strategies to implement the goals of this chapter as well as to facilitate development and redevelopment that corresponds to the Future Land Use Plan

Goal — Create an attractive, vibrant, and effective city with a high quality of life by implementing placemaking principles in the design and management of the public realm.

Strategies:

- Create design standards for both vertical and horizontal mixed-use developments, not only so that the uses are compatible, but so that the scale, mass, and feel of new development enhances the desired community character.
- Continue to provide the resources and programming to maintain the City's park and green space areas in recognition of their value as cherished community amenities.

Goal - Be an early adopter of creative and sustainable redevelopment policies.

Strategies:

- Continue to use economic development incentives to achieve redevelopment goals (refer to the Economic Development Chapter for more information).
- Promote and support transit-oriented development and redevelopment near existing and future transit corridors.
- Promote the use of energy-saving and sustainable design practices during all phases of development, including land uses, site design, technologies, buildings, and construction techniques.
- Ensure that existing and future development of business and industry, shopping, transportation, housing, entertainment, leisure, and recreation opportunities are in harmony with the commitment Roseville has made to its environment and quality of life, without compromising the ability of future generations to meet their own needs.
- Use environmental best practices to protect, maintain, and enhance natural ecological systems, including lakes, lakeshores, wetlands, natural and manufactured storm water ponding areas, aquifers, and drainage areas.

Goal — Foster and support community gathering places, both large and small, indoor and outdoor.

Strategies:

- Use official controls to ensure the provision of a robust system of public spaces within mixed-use areas, such as parks, plazas, pathways, streets, and civic uses, to encourage community gathering and connections.
- Continue to develop and update park and recreation system master plans and allocate resources to implement those plans.
- Consider opportunities for acquisition of property that fills a need for parks, open space, or trail corridors.

Goal — Encourage development of neighborhood identities to build a sense of community and foster neighborhood communications, planning, and decision making.

Strategies:

- Create flexible development standards for new residential developments that allow innovative development patterns and more efficient densities that protect and enhance the character, stability, and vitality of residential neighborhoods.
- Develop zoning regulations and policies to provide for a variety of housing types and densities to support a wide range of housing alternatives for current and future residents. This includes housing types that are sensitive to the cultural diversity of the city.
- Recognize that the most likely opportunity sites for creating additional housing choices are near existing commercial areas; ensure that zoning is in place to allow such development.
- Develop programs and policies to encourage the redevelopment of housing stock in a way that maintains or enhances the integrity of existing neighborhoods.
- Apply strategies to effectively enforce City codes related to the maintenance of buildings and property.

Goal — Create a diverse array of sizes and types of gathering places throughout the city to promote community, art, and culture.

Strategies:

- Prioritize the incorporation of gathering spaces into new development opportunities as they arise, to create public spaces for community-building.
- Plan, design, and develop inter- and intra-generational, multipurpose neighborhood gathering places in master plans and during small area studies for redevelopment areas. Create spaces that will serve a variety of cultural needs that reflect the demographics of the community.
- Create a space that functions as the "center" for the community; a place for gathering, family and cultural activities, entertainment, and small local businesses.

Goal — Enhance public safety through high-quality urban design including Crime Prevention through Environmental Design (CPTED) principles.

Strategies:

- Support the use of master plans for small redevelopment areas.
- Reduce land consumption for surface parking by encouraging construction of multi-level and underground parking facilities, shared parking facilities, and other strategies that minimize surface parking areas while providing adequate off-street parking.
- Restrict and control open storage uses in commercial and industrial areas.

Goal — Support initiatives (including land use and zoning tools) and partnerships to improve health care quality, affordability, and access.

Strategies:

- Encourage improvements to the connectivity and walkability between and within the community's neighborhoods, gathering places, and commercial areas through new development, redevelopment, and infrastructure projects.
- Prioritize the incorporation of linkages and connections for all modes of transportation into employment area projects, to more seamlessly connect residents with jobs.

Goal — Create regulations that allow renovation and redevelopment of spaces that could be used to support a variety of small businesses.

Strategies:

- Promote and support the redevelopment of physically and economically obsolete or underutilized property.
- Revise the commercial zoning districts to reflect the mixed-use development priorities expressed in this Plan.

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HARMAR MALL



① Connection from Street to Mall



Connection from the Snelling Avenue bus stop to the Mall entrance could be enhanced from a visual, safety and amenity perspective by incorporating a covered walkway. This could be in the form of a planted arbor, weather protection and/or solar panels. The walkway serves a visual element that defines an entry from Snelling Avenue, provides shade in summer, and protection from rain, wind, and snow for pedestrians.

② Pop-up Parking Lot Food Trucks



Areas of the parking lot that are empty during certain times could be used for seasonal or more regular food truck events. This is a great way for small businesses to get introduced to the area while livening up portions of the site that are often dead space between the street and the shops inside the building. This could include just a couple spaces reserved for one truck, several spaces open to multiple trucks, or a large space for umbrellas, chairs and tables for people to sit at while they eat their food during warmer weather. This requires no permanent infrastructure as the trucks and furniture are all mobile.

③ Active-Use Space



Local community markets, be they flea markets, farmers markets or community events could assist in activating the street frontages of the HarMar Mall. For example, County Road B has large expanses of parking on both sides in front of Target and HarMar, these areas could facilitate pop up events, providing interest, activity and introducing new visitors to HarMar. There is also an opportunity to engage with the many diverse ethnic groups in the area to embellish the mall with art, activity and culturally relevant retail opportunities. This type of unique destination has the potential to draw people from other parts of the region.



④ Trees in Parking Areas

Strategic tree planting wherever possible can provide both shade for parked cars and to minimize the urban heat island effect of the large expanses of paved surfaces. This will provide a range of benefits to users and enhancing the visual appeal of HarMar Mall.



⑦ Plaza Space

A plaza or public space could provide opportunities for public art, activities, and outdoor dining. This could be an additional branding opportunity and work in conjunction with other suggestions such as the active use space to define HarMar mall as a unique destination.



⑥ Mixed-Use Buildings

As HarMar faces growing competition, it becomes important to create new opportunities for housing and a variety of complimentary uses to those typically found in the mall. Areas of peripheral parking on County Road B or the parking lot to the south of Cub Foods could be transformed into mixed-use or residential developments providing both additional occupants and customers to the center as well as capitalizing on the walkability and access to nearby public transit connections.



⑤ Solar Panels/Renewable Energy

HarMar Mall can improve its carbon footprint by installing solar panels. Opportunities to provide elevated solar arrays over the large expanses of at-grade parking would benefit to visitors by providing shade in summer and weather protection in winter. Minnesota is a national leader in this renewable energy and installing rooftop solar could bring cost savings to the mall and the city. This would also provide an opportunity for electric vehicle charging.

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LEXINGTON-LARPENTEUR ROSEVILLE CENTER



1 Plaza Space



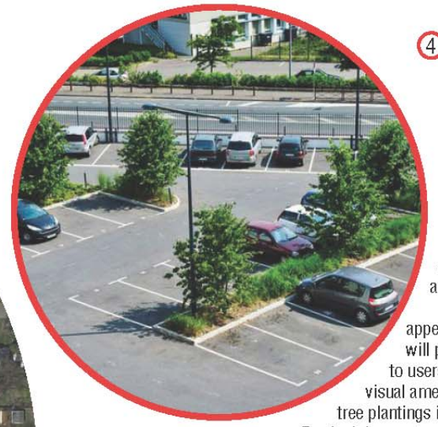
While there are various open space options, a plaza or public space possibly at or near the Cub Foods pavilion could provide opportunities for public art, activation, seasonal events and signage to denote this as a destination. This could be an additional branding opportunity for the tenants and build on existing elements.

2 Active Playground



The Cub Foods Pavilion also provides a great location for a playground, which would be a great ammenity for the residents surrounding this commercial area. A playground could be safely separated from traffic and allow for greater use of the pavilion for shade, picnics and markets. This Pavilion is a great asset to the neighborhood and a play space in this area would make the most of this existing infrastructure.

4 Trees in Parking Areas



Strategic tree planting wherever possible can provide both shade for parked cars and to minimize the urban heat island effect of the large expanses of paved surfaces. This will provide a range of benefits to users and enhancing the visual appeal of Roseville Center.This will provide a range of benefits to users as well as enhancing the visual amenity. As there are existing tree plantings in the parking lot near Cub Foods, it is easy to see the difference between areas with and without trees. Car parking on the east side of Lexington Ave is particularly open.

3 Overhead Lighting



To create a unique identity for this area in the context of its surroundings, including the nearby retail node at Larpenteur Ave. and Rice Street, an overhead lighting system could be used. Such a system could also be used for branding events and programmed activities with banners, flags, sculptures and lighting installations.

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ROSEDALE MALL



1 Elevated Park



County Road B2 is a significant physical barrier to pedestrians crossing from the North to the South. In order to turn this significant constraint into an opportunity, an elevated park could provide a safe and equitable crossing point as well as much needed open space in this area is it becomes more developed over time.

2 Mixed-Use Buildings



As the Rosedale Center has positioned itself as the Downtown for Roseville, it becomes important to consider new opportunities, for housing and a variety of complimentary uses to support those typically found inside the mall. Areas of peripheral parking could be transformed into mixed-use developments providing both additional residents and customers to the center as well as capitalizing on the walkability and access to all of the Rosedale's amenities including the transit center.

3 Solar Panels/Renewable Energy



HarMar Mall can improve its carbon footprint by installing solar panels. Opportunities to provide elevated solar arrays over the large expanses of at-grade parking would benefit to visitors by providing shade in summer and weather protection in winter. Minnesota is a national leader in this renewable energy and installing rooftop solar could bring cost savings to the mall and the city. This would also provide an opportunity for electric vehicle charging.

6 Building Crossing the Roadway



County Road B2 is a significant physical barrier to pedestrians crossing from the North to the South. One means to provide a safe and equitable crossing point could be to leverage the 'air-rights' to the roadway to build a new building here. Such a building would incorporate a 24/7 access from the North to the South. As the Rosedale Center serves as the largest designation for Roseville, this could be a valuable opportunity to provide public facilities or amenities that may be lacking in the area. Those uses may include: healthcare, gym, fitness center, pool, daycare, kindergarten or office space. The building could also provide parking if it was deemed necessary.

5 Rooftop Park/Parking



The consolidation of parking into multi-level ramps offers opportunities to mitigate the impact of inclement weather on parking areas it is worth considering how these new structures could also provide open space and green roofs or rooftop parks. These structures could potentially support rooftop restaurants, playgrounds, day care facilities or a range of mixed uses as well as public open space or lawn areas.

4 Trees in Car Parking Areas



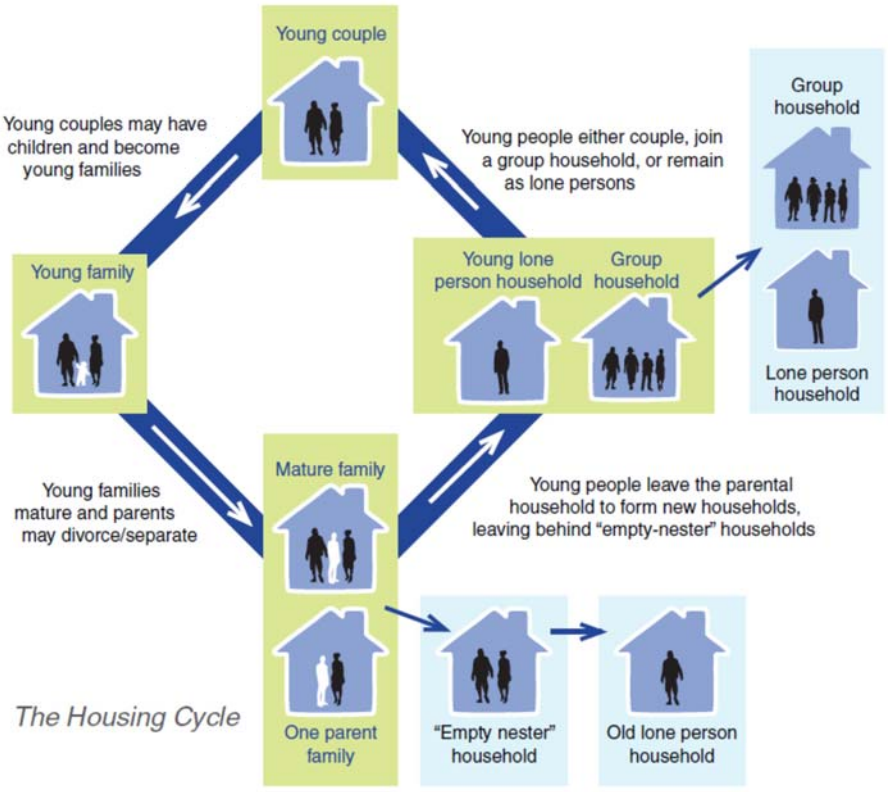
Strategic tree planting wherever possible can provide both shade for parked cars and to minimize the urban heat island effect of the large expanses of paved surfaces. This will provide a range of benefits to users and enhancing the visual appeal of HarMar Mall.

CHAPTER 5: HOUSING

This housing plan includes the following information:

1. Background
2. What We Heard
3. Citywide Objectives
4. Existing Housing Affordability
5. Existing Housing Needs
6. Goals and Strategies

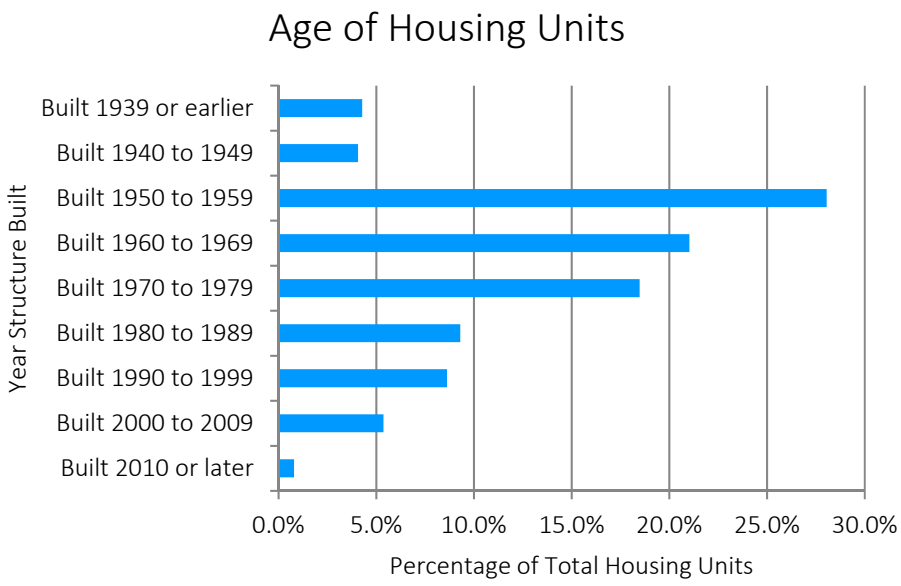
Housing and neighborhoods form the core of Roseville's identity. The City places a high priority on ensuring that people can make Roseville their home at any stage of their life. Therefore, the City must plan for a diverse range of housing options for a diverse mix of family types, ages, and economic statuses. In this chapter, we look at the existing housing stock and demographic trends to identify future housing needs for the City. We then conclude with goals and actions to help the City meet those housing needs.



1. BACKGROUND

Roseville experienced a significant housing boom between the 1940s and 1970s, with 83 percent of all owner-occupied units and 74 percent of all rental units being constructed during this period. Such rapid development of housing over this relatively short time period has resulted in housing stock and neighborhoods that are reaching the age when they will concurrently require significant investment.

FIGURE 5-1 SOURCE: AMERICAN COMMUNITY SURVEY 2011-2015 ESTIMATES



According to U.S. Census data, approximately two-thirds of the City's housing stock is owner-occupied and one-third are rental units (FIGURES 5-2 and 5-3). The share of renter-occupied units has been increasing since the 2000 census, from 32.5 percent to 36 percent in 2016.

FIGURE 5-2 SOURCE: ACS 2011-2015 ESTIMATES AND 2000 CENSUS

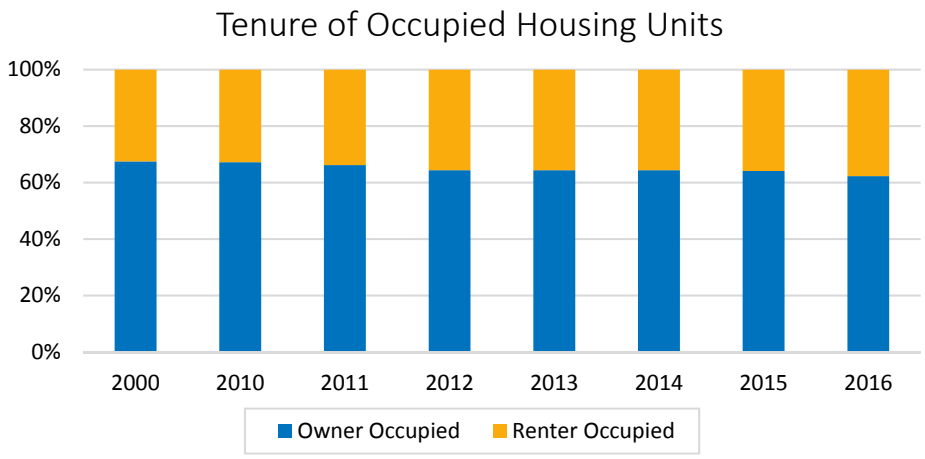
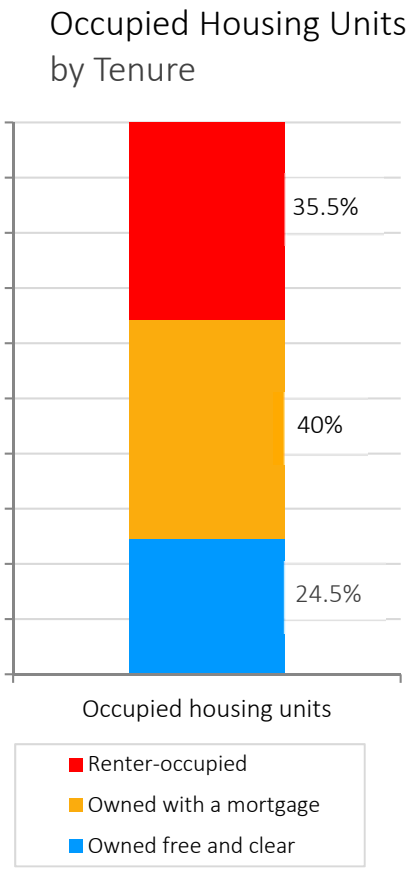


FIGURE 5-3 SOURCE: AMERICAN COMMUNITY SURVEY 2015 ESTIMATES



New housing construction since the year 2000 demonstrates why this ratio has changed. Several large multifamily projects (including senior housing and assisted living projects) were constructed in several years spanning that period as shown in FIGURE 5-4.

The data on number of units per structure also illustrates an interesting pattern in the existing Roseville housing stock. FIGURE 5-5 shows that approximately 54 percent of residential structures are single-family detached (one unit per structure) and approximately 36 percent are 5 units or more per structure, with the large majority of those being in structures with 50 units or more per structure (large multifamily buildings). There is relatively little in between. Many cities have the same pattern, mirroring a nationwide phenomenon known as the "missing middle"—a lack of multi-unit or clustered housing types compatible

Data Source: Metropolitan Council building permit data.
Note: In 2004, Multifamily classification was changed from 3 or more units to 5 or more units. No Duplex (pre-2004) nor Duplex/Triplex/Quad (post-2004 buildings) were built during the data period.

in scale with single-family homes that help meet the growing demand for walkable urban living. These may include duplexes, quadruplexes, bungalows, townhouses, and more.

FIGURE 5-4 SOURCE: AMERICAN COMMUNITY SURVEY 2015 ESTIMATES

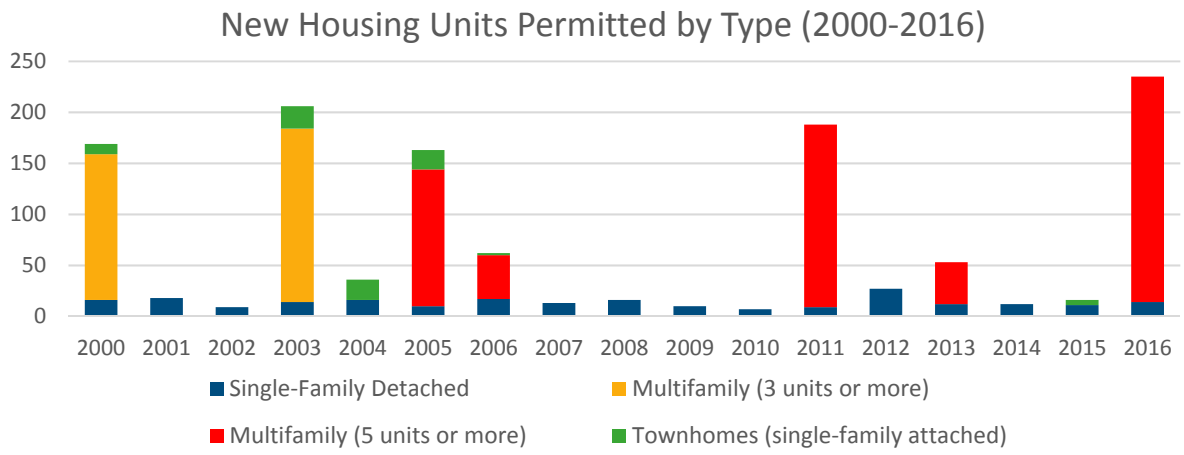
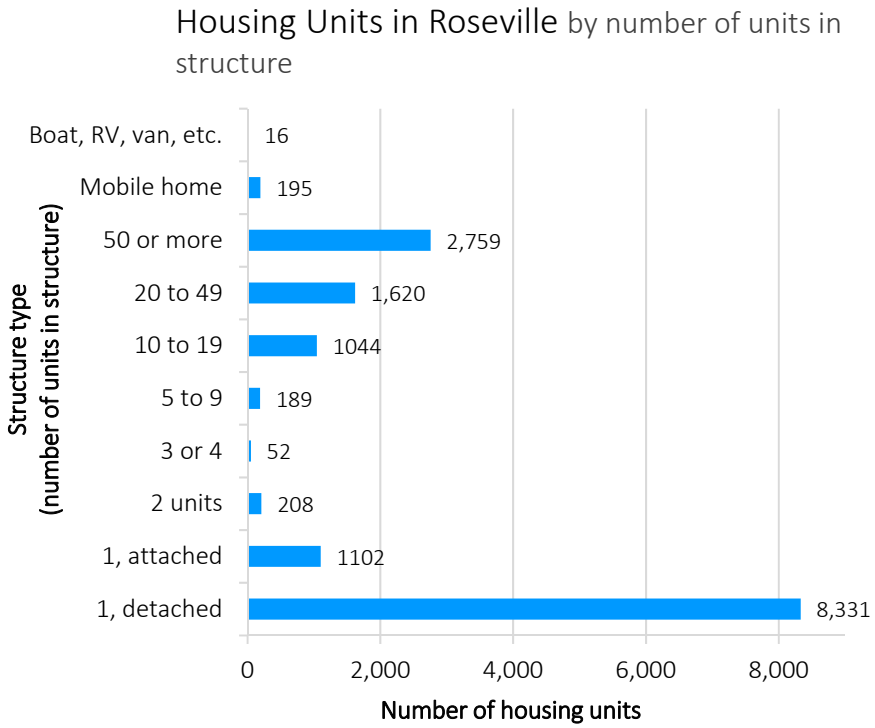


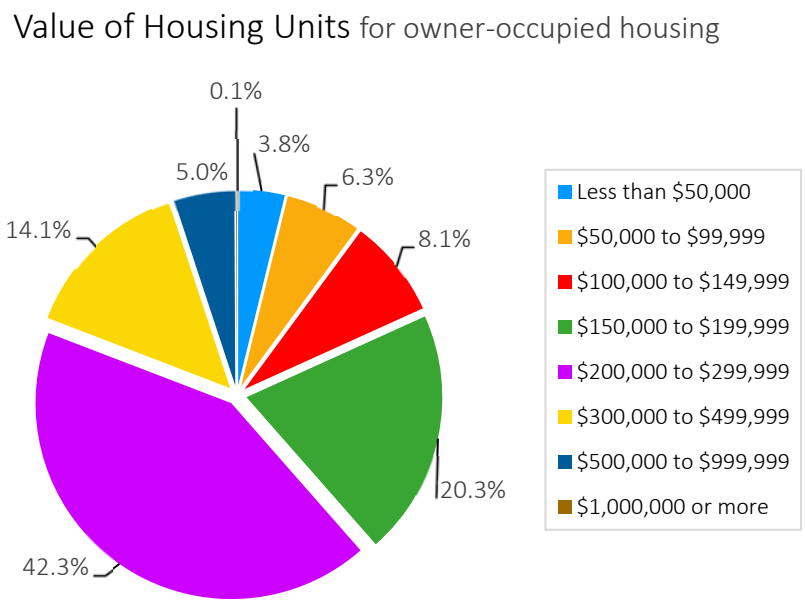
FIGURE 5-5 SOURCE: ACS 2011-2015 ESTIMATES



As shown in FIGURE 5-6, nearly 62 percent of the City's owner-occupied housing (including single-family) is valued at over $200,000, with the largest share (42 percent) falling in the value category between $200,000 and $300,000.

Approximately 18 percent of the owner-occupied housing stock is valued below $150,000.

FIGURE 5-6 SOURCE: ACS 2011-2015 ESTIMATES



Data source: ACS 2010-2014 Estimates

2013 Housing Study and Recent Construction

In 2013, a Comprehensive Multifamily Housing Needs Analysis was prepared by Maxfield Research, Inc. for the City of Roseville. While the data from this study is 5 years old at the time of this Plan, it does provide some insight into housing demand in Roseville. The City recognizes the benefits of updating this study and has included that in the implementation section of this Plan.

The Maxfield study included an examination of both rental and owner-occupied housing, as well as market rate and subsidized housing units in the City. Some of the study's key findings which are relevant to this Comprehensive Plan include:

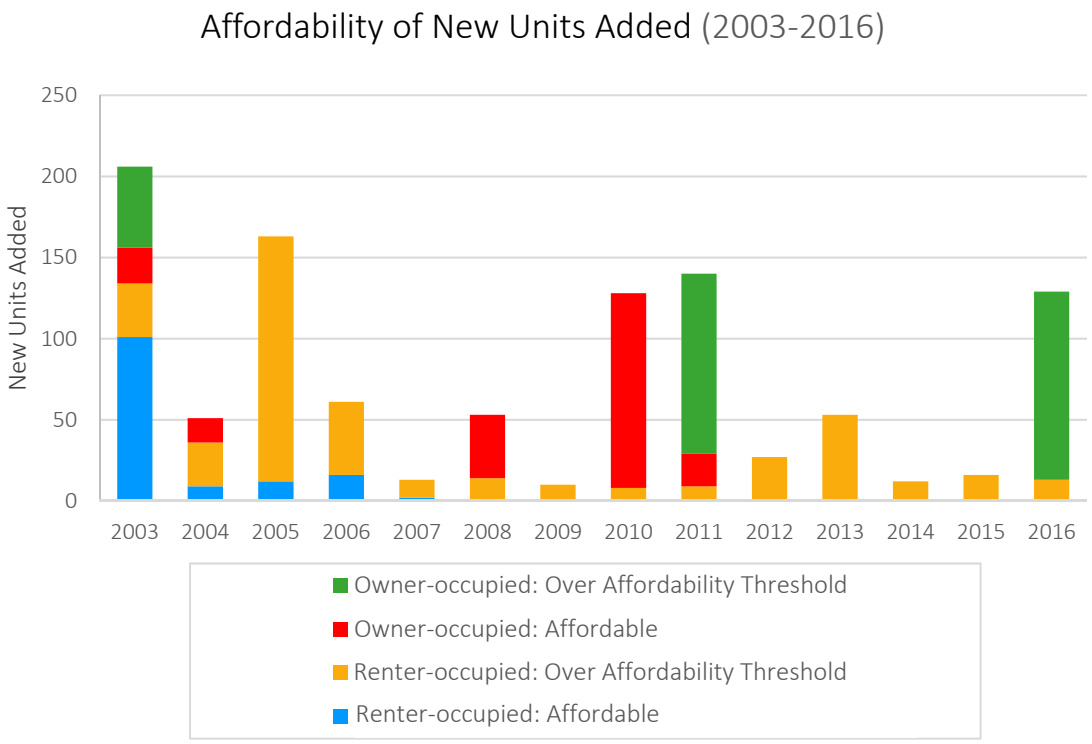
- Due to the age and positioning of Roseville's rental housing stock, an estimated half of the total number of market rate units met HUD's definition of affordable housing[1]; therefore, they are naturally occurring affordable housing. Hence, older market rate properties in the City indirectly meet some of the need for moderate income or "workforce" housing.

[1] The Department of Housing and Urban Development defines affordable housing as housing where total housing costs at or below 30 percent of gross annual income.

- Between 2013 and 2025, demand exists for:
  - 187 units of affordable rental units
  - 126 units of subsidized rental
  - 271 market rate rental
  - 217 units of for-sale multifamily
  - 491 units of housing specifically for seniors (by 2018)
- In 2013, Maxfield documented no vacant units at three existing affordable housing developments in Roseville, indicating pent up demand for additional affordable units.

Data from the Metropolitan Council indicates there were a total 140 affordable owner-occupied units and 76 affordable renter-occupied units constructed between 2003 and 2009; 140 affordable renter-occupied units constructed in 2010 and 2011; but none since.

FIGURE 5-7 SOURCE: METROPOLITAN COUNCIL



Existing Housing Types

The images shown below represent a sampling of the range of housing types that can be found in Roseville.



Larger Single-Family Homes. Many of the City's larger homes have been built since 1996. These homes are located mostly on the eastern side of Roseville and have been built after 1996.



Smaller Single-Family Homes. This home is more typical of smaller, more affordable single-family homes built in the 1950s.



Apartment Buildings. Apartment complexes, such as this one, are common throughout the City and are generally built in an older walk-up style.



Condominiums. Like the apartment buildings pictured above, Roseville condominiums are generally older, smaller, more affordable and part of larger multifamily buildings.



Age-Restricted Condos and Co-Ops. Newer condominium development in the City has been age-restricted (over 55), such as the Applewood Pointe Coop pictured here. These offer homeownership, maintenance-free living, and some amenities for seniors.



Senior Living. Roseville is host to several senior-oriented housing complexes that offer a spectrum of specialized programming or care.

2. What We Heard

Kick-Off Meeting

At the public kick-off meeting held on March 7, 2017, several common themes emerged that helped inform the housing chapter[2]:

- Ensure the availability of resources and facilities to serve Roseville's seniors.
- Provide amenities and services to support individuals and families with low incomes.
- Provide resources to attract and retain millennials.
- Address conflict between renters and owners regarding property upkeep.

Online Survey[3]

When asked what the most significant issues are facing the community, many responses to the online survey conducted as part of the visioning process included:

- the need for more affordable housing,
- the need for more flexibility in new housing development (specifically single-family housing),
- consideration for mixing affordable housing with higher-end developments,
- the need for residential development (particularly higher densities) near transit,
- problems with constructing large apartment buildings in established neighborhoods,
- concern over the proliferation of rental properties,
- small, aging homes, and
- the need for more affordable housing specifically for seniors.

Approximately 60 percent of respondents agreed or strongly agreed with the specific statement, **"Development on vacant or under-utilized land should be encouraged."** Also, nearly 51 percent of respondents disagreed or strongly disagreed with the statement that Roseville needs more commercial areas.

Focus Groups

Two focus groups specifically related to housing were held in April 2017, to discuss trends, issues, and needs in the City[4]. Highlights of the specific needs and challenges that were raised during those meetings included:

[2] 71 attendees signed in at this meeting
[3] A total of 527 responses to the online survey were received.
[4] A total of six people attended the housing focus group; attendees included five residents and one representative from Local Initiatives Support Corporation (LISC).

- Density is needed to make for financially viable affordable housing projects.
- The loss of naturally-occurring affordable housing is an issue – it is getting redeveloped.
- Much of the subsidized housing being developed is not the right size for families.
- Non-traditional housing types should be considered (like tiny houses, co-housing, cooperative housing, etc.).
- Entry barriers for first time home buyers.
- Rents are high, along with demand.
- Concern over rentals in single-family neighborhoods.
- Look at the future of multi-generational neighborhoods.

3. Citywide Objectives

Several of the Citywide objectives established in Chapter 2 relate to the topic of housing, including:

Roseville housing meets community needs

1. Develop a coordinated housing strategy for the City.
2. Provide mechanisms that encourage the development of a wide range of housing that meets regional, state, and national standards for affordability.
3. Implement programs that result in safe and well-maintained properties.
4. Establish public-private partnerships to ensure life-cycle housing throughout that City attracts and retains a diverse mix of people, family types, economic statuses, ages, and so on.
5. Employ flexible zoning for property redevelopment to meet broader housing goals such as density, open space, and lot size.
6. Develop design guidelines to support new or renovated housing that contributes to the physical character of the neighborhood, healthy living, and environmental and economic sustainability.

4. Existing Housing Affordability

The Metropolitan Council looks at housing affordability through the lens of area median income, or AMI. For a family of four, regional AMI in the Twin Cities is $85,800. Households that have an income at or below 80 percent of the regional AMI are the targeted population for affordable housing.

	Twin Cities Region*	Roseville**
Area Median Income (AMI)	$85,500	$63,022
80% of AMI	$65,700	$50,418
50% of AMI	$42,900	$21,450
30% of AMI	$25,750	$18,907

* = The definition of 2016 regional AMI for the Twin Cities region comes from the Department of Housing and Urban Development, and is used by the Metropolitan Council for determining and discussing housing affordability.
** = Roseville median household income data is from the American Community Survey (ACS) 2012-2016 5-year estimates. Median household income in Roseville is 74% of the regional AMI (for a household of four). It is important to recall that the average household size in Roseville in 2016 was 2.24 persons, and also important to note that the data source for the city-level median household income estimate considers households of all sizes, rather than assuming a household size of four. Nonetheless, Roseville households may experience housing affordability differently (and in some cases more acutely) than the regional affordability assumptions would indicate.

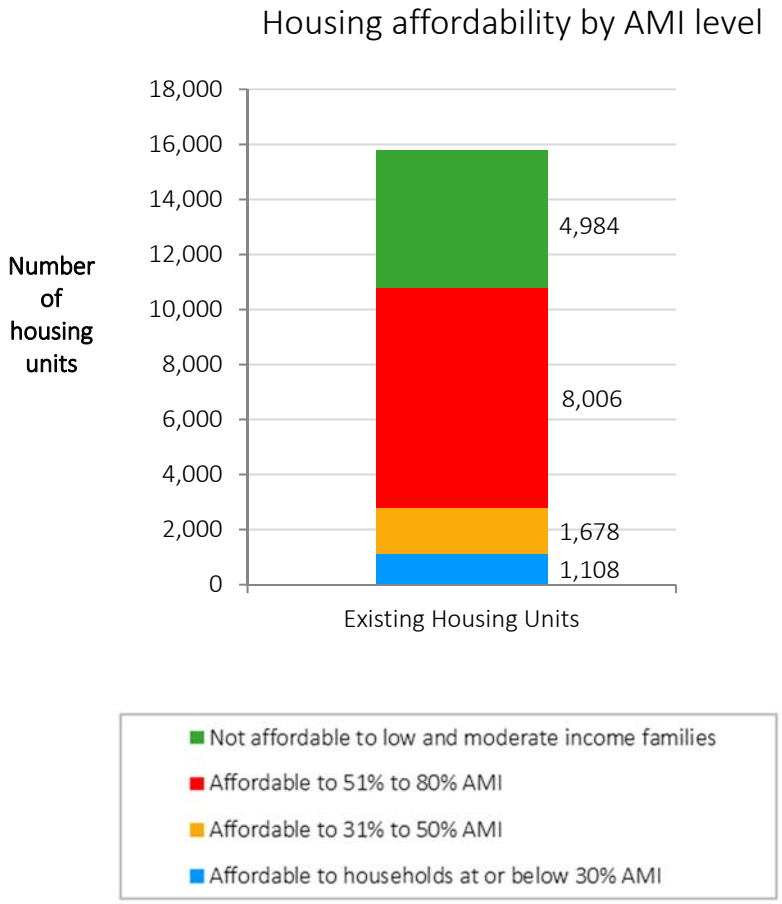
According to the Metropolitan Council's 2016 housing assessment, of the 15,776 total housing units in Roseville, around two-thirds are affordable to low or moderate-income households that are at or below 80% of AMI. As shown in Figure 5-8, the affordability of existing housing in the City is spread across the affordability "bands".

- Approximately 43 percent of housing units are affordable to those making between 51 percent and 80 percent of AMI ($65,700).
- Fourteen percent of units are affordable to those making between 31 percent and 50 percent of AMI ($42,900).
- Around 7 percent are affordable to those with yearly incomes equal to 30 percent of AMI or less ($25,750).

That leaves approximately one-third of the existing housing stock in the City that is not affordable to low and moderate-income families.

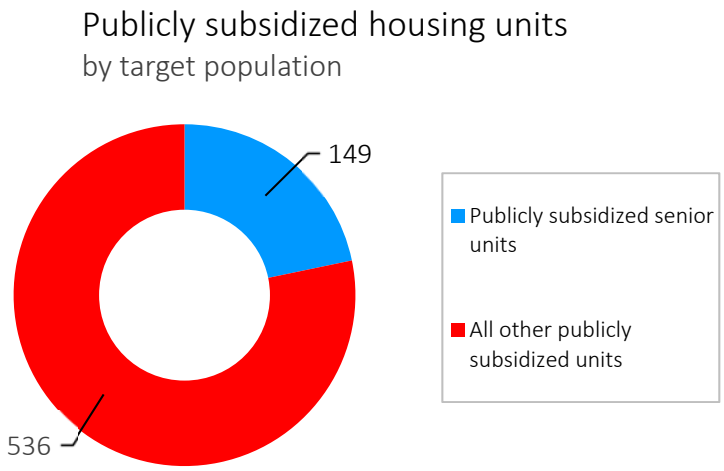
The breakdown assessment of housing affordability shown in Figure 5-8 does include all housing units in Roseville, and therefore includes the estimated 5 percent of Roseville housing units that are currently vacant (unoccupied).

FIGURE 5-8 SOURCE: METROPOLITAN COUNCIL 2016 HOUSING ASSESSMENT FOR ROSEVILLE, WHICH IS BASED ON A COMBINATION OF REGIONAL HOUSING STOCK ESTIMATES AND ADJUSTED ACS 2011-2015 ESTIMATES.



Publicly subsidized units often comprise the most deeply affordable units in a community. There are 685 publicly subsidized housing units in Roseville, as shown in FIGURE 5-9.

FIGURE 5-9 SOURCE: METROPOLITAN COUNCIL 2016 HOUSING ASSESSMENT FOR ROSEVILLE



Compared to its neighboring cities and the Twin Cities region overall, Roseville offers a comparable share of affordable housing that is somewhat more heavily weighted towards affordability in the highest income band (50 percent to 80 percent of AMI). Affordable housing in this upper income band is more likely to be owner-occupied and of a single-family style.

TABLE 5-1 SOURCE: METROPOLITAN COUNCIL EXISTING HOUSING ASSESSMENT 2016

	Existing Affordable Units			
	≤ 30% AMI	> 30 - 50% AMI	> 50 - 80% AMI	Total Affordable Units
Roseville	7%	16%	46%	69%
St. Anthony	9%	15%	33%	57%
Falcon Heights	1%	28%	33%	62%
Little Canada	20%	23%	37%	80%
New Brighton	7%	32%	36%	75%
Shoreview	6%	15%	38%	59%
Twin Cities Region	*6%*	*22%*	*40%*	*68%*

Rental Affordability

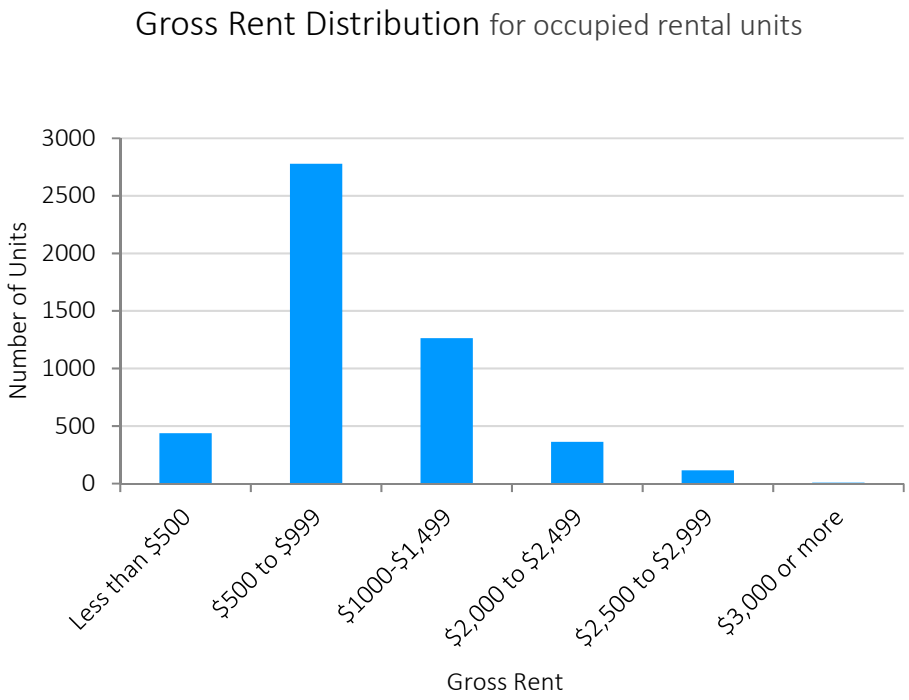
According to the 2013 Maxfield Study cited earlier, an estimated half of total market rate units in Roseville's rental stock function as affordable housing, meaning that they meet the rent guidelines of affordability established by the U.S. Department of Housing and Urban Development. This means that older, market-rate properties in the City meet a need for housing that is affordable to moderate-income households.

This "naturally occurring" affordable rental housing is a significant feature of Roseville's affordable housing landscape, but also presents a significant challenge

for Roseville when it comes to striking a balance between affordability and livability. Many of these naturally-occurring affordable units have deferred maintenance concerns, and as they become outdated or obsolete, may become targets for redevelopment and loss of affordability. Strategies to manage naturally occurring affordable rental housing are an emerging topic in inner-ring suburban communities across the metro, and Roseville will continue to monitor the policies and strategies being developed to counter the loss of naturally-occurring affordable housing across the Twin Cities region.

FIGURE 5-10 shows the distribution of gross rent costs for Roseville's rental stock. Roseville's median gross rent is $900, which is only slightly higher than the Ramsey County median gross rent of $865.

FIGURE 5-10 SOURCE: AMERICAN COMMUNITY SURVEY 2011-2015 ESTIMATES



Owner-Occupied Affordability

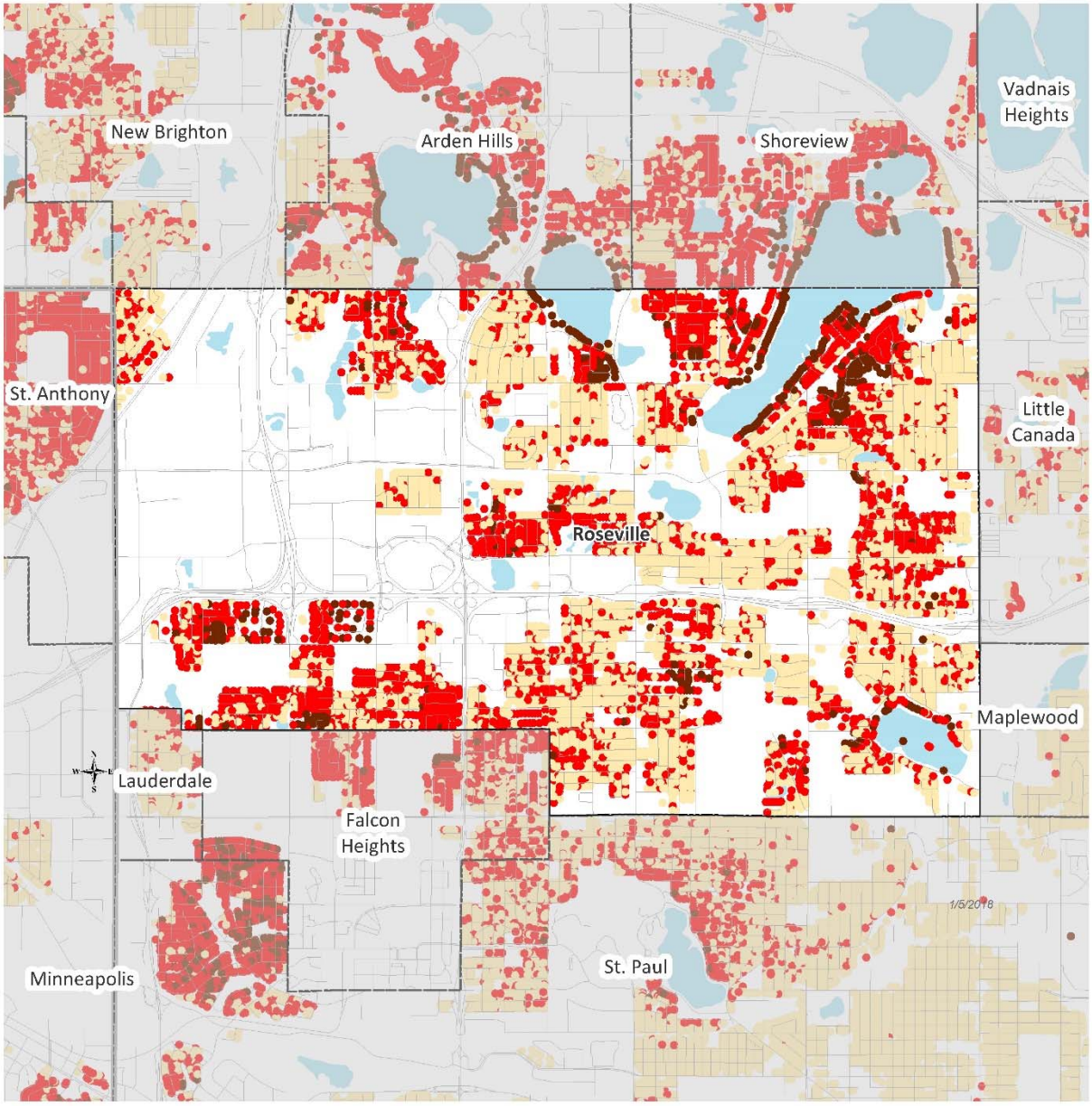
Approximately 80 percent of Roseville's owner-occupied housing stock is affordable to households making at or below 80 percent of area median income. MAP 5-1 illustrates this visually, with all of the yellow areas on the map corresponding to housing at affordable levels. In Roseville, housing in the northern and southwestern portions of the City, and those areas close to lakes, are generally on larger lots and are higher in value.

A high rate of owner-occupied affordability is not uncommon in first-ring suburban communities. As a City incorporated in the pre-1950s era, many of Roseville's homes are older housing styles built on smaller lots. The City's affordable single-family home stock is an asset and an important component of its affordable housing landscape. As older residents begin to move out of these homes in the coming decades, these units will become available to young families and households hoping to transition into affordable homeownership. Retaining and maintaining this "naturally-occurring" owner-occupied housing stock is a priority for Roseville.

MAP 5-1

Owner-Occupied Housing by Estimated Market Value

Roseville



County Boundaries
City and Township Boundaries
Streets
Lakes and Rivers

Owner-Occupied Housing Estimated Market Value, 2016

- $243,500 or Less
- $243,501 to $350,000
- $350,001 to $450,000
- Over $450,000

1 in = 0.8 miles

Source: MetroGIS Regional Parcel Dataset, 2016 estimated market values for taxes payable in 2017.

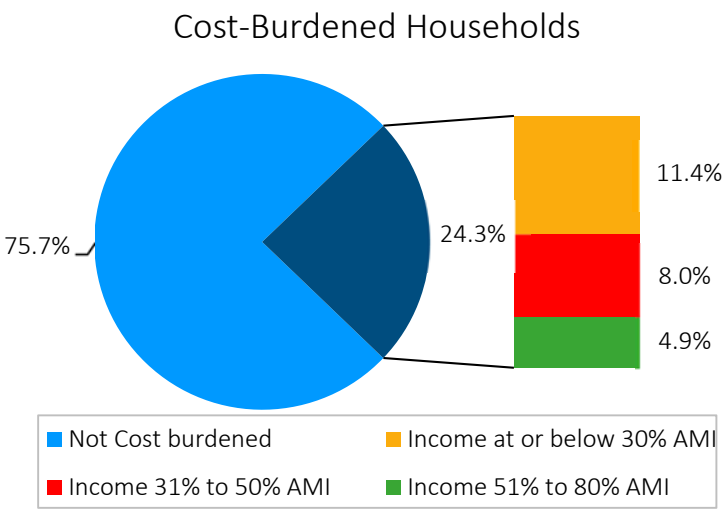
Note: Estimated Market Value includes only homesteaded units with a building on the parcel.

Existing Cost-Burdened Households

While the price of housing units relative to area median income is one measure of housing affordability in a community, another way to examine the impact of housing costs is by looking at **cost-burdened households**. Households are "cost-burdened" if their housing costs are at or over 30 percent of their income. This is an indicator of households that are spending a disproportionate share of their income on housing. The implications of a housing cost burden are most severe for households in the lowest income tier.

FIGURE 5-11 illustrates the share of low-to-moderate income households that are cost-burdened in Roseville, by regional AMI income level. More than one-quarter of Roseville's total households are cost-burdened. Among those cost-burdened households, the income ranges are spread fairly even through the AMI income level bands.

FIGURE 5-11 SOURCE: METROPOLITAN COUNCIL 2016 HOUSING ASSESSMENT FOR ROSEVILLE, WHICH INCLUDES ADJUSTED COST-BURDEN DATA BY INCOME RANGE FROM HUD'S COMPREHENSIVE HOUSING AFFORDABILITY STRATEGY.



With almost one in four households experiencing the phenomenon of cost-burdened housing in Roseville, the City's cost-burdened rate is nearly identical to that of the overall region. In comparison to neighboring and comparable inner-ring suburb cities, Roseville's cost-burdened share is about equal to that of surrounding communities. Like many other communities in the Twin Cities metro area, Roseville's greatest share of cost-burdened households is in the lowest (<30 percent AMI) income tier. The fact that the larger share of housing cost burden falls upon the lowest-income residents of Roseville is evidence that the City should focus some of its tools on providing affordable units at the lower end of the income spectrum.

TABLE 5-1 SOURCE: METROPOLITAN COUNCIL EXISTING HOUSING ASSESSMENT 2016

	Cost-Burdened Households			
	≤ 30% AMI	> 30 - 50% AMI	> 50 - 80% AMI	Total percent cost-burdened
Roseville	11%	8%	5%	24%
St. Anthony	12%	8%	4%	24%
Falcon Heights	12%	9%	2%	23%
Little Canada	9%	12%	3%	24%
New Brighton	14%	8%	3%	25%
Shoreview	7%	6%	5%	17%
Twin Cities Region	*10%*	*8%*	*6%*	*24%*

Meeting the Regional Affordable Housing Allocation Share

Roseville, along with every community in the metro area, is responsible for retaining an adequate regional share of affordable housing. The Housing Element of Metropolitan Council's *Thrive MSP 2040* plan has determined the affordable housing requirement for every community by affordability level, based on a household's relationship to the area median income (AMI).

While Roseville's existing affordable housing is considered when determining its share of 2021-2030 regional affordable housing, the City's allocation is also driven by other factors, namely *forecasted growth* and the City's *low-wage jobs-to-workers* ratio. Based on Roseville's forecasted total growth of 400 households from 2020 to 2030, a regional factor first estimates that about one-third of those new households should be affordable. Next, an existing affordable housing factor is applied; in Roseville, the higher rate of existing housing affordability than the regional average actually reduces the initial affordable housing share estimate. Finally, with the goal of expanding household choice for low-income households and aligning low-income housing with low-wage jobs, the final adjustment is based on whether a city has more low-wage jobs than low-wage workers. Because Roseville's low-wage job to worker ratio is significantly higher than the regional average, the affordable housing allocation is adjusted upward. The final result is a total affordable housing allocation of 142 households between 2021-2030, or 36 percent of forecasted new households in that decade.

The affordable housing need allocation is then further broken out by affordability in terms of regional area median income levels. Roseville's affordable housing allocation is shown by affordability level in TABLE 5-2.

TABLE 5-2 SOURCE: METROPOLITAN COUNCIL EXISTING HOUSING ASSESSMENT 2016

Affordable Housing Need Allocation, 2021-2030	
At or Below 30% AMI	72
From 31 to 50% AMI	50
From 51 to 80% AMI	20
Total Units	**142**
AMI = Area Median Income	

Housing calculations from TABLE 5-3 AND TABLE 5-4 indicate that Roseville has guided sufficient high-density land at a minimum of 12 units per acre to produce 1,221 units of housing at affordable densities in the 2021-2030 decade, which well exceeds the Metropolitan Council's affordable housing allocation of 120 units.

It is important to note that Roseville's current housing stock of single-family homes provides a source of affordable housing to new home-buyers moving into the city beyond the new development counted toward the Metropolitan Council's allocation. The smaller single-family homes constructed in the 1950s, 60s, and 70s (making up the vast majority of the single-family homes in the city), will be available to new home-buyers as older residents move out of those homes and seek other housing options in the coming decades.

Of the 4,661 acres guided residential in Roseville, only 50.9 of these acres are expected to be re-developable within the 2040 planning horizon. Affordable densities, as defined by the Metropolitan Council, are those with a minimum range of 12 units per acre and above, which means that all high-density residential and mixed-use redevelopment areas expected to develop within the 2021-2030 decade qualify as affordable housing, using the minimum-density to calculate unit potential, as directed by the Metropolitan Council. TABLE 5-4 below summarizes the residential redevelopment potential from the land use chapter, and highlights with a red outline the units that would be considered affordable to meet Roseville's regional affordable allocation.

TABLE 5-3 TOTAL GUIDED RESIDENTIAL ACREAGE IN ROSEVILLE 2040 FUTURE LAND USE

Land Use Category	Residential Land Uses	Total Guided Residential Acres
Low Density Residential (1.5-8 units/acre)	• Detached housing units • Two family • Duplexes	3,092
Medium-Density Residential (5-12 units/acre)	• Small lot detached single-family homes • Townhomes • Condominiums • Duplexes • Row houses	171
High-Density Residential	• Apartments • Lofts • Stacked townhomes	718
Community Mixed- Use	• Attached housing similar to medium- and high-density categories above. • Residential uses mixed with commercial uses at a minimum of 10% total area.	264
Corridor Mixed-Use	• Attached housing similar to medium- and high-density categories above. • Residential uses mixed with commercial uses at a minimum of 10% total area.	136
Core Mixed-Use	• Attached housing similar to medium- and high-density categories above. • Residential uses mixed with commercial uses at a minimum of 10% total area.	280

TABLE 5-4

	Land Use Type	TOTAL Dev. Acres	Acres now-2030	Acres 2031-2040	Density Range Min	Density Range Mid	Density Range Max	Yield %	Minimum 2030	Minimum 2040	TOTAL Minimum Units	Midpoint 2030	Midpoint 2030	TOTAL Midpoint Units
2040 Future Land Use	Medium Density Res	16.12	8.06	8.06	5	8.5	12	100%	40	40	81	69	69	137
	High Density Res	17.69	8.85	8.85	13	24.5	36	100%	115	115	230	217	217	433
	Community Mixed Use	170.91	85.46	85.46	10	23	36	10%	85	85	171	197	197	393
	Corridor Mixed Use	44.43	22.21	22.21	13	24.5	36	10%	29	29	58	54	54	109
	Core Mixed Use	15.73	7.87	7.87	20	28	36	10%	16	16	31	22	22	44
	Guided Total	**50.90**							**285**	**285**	**571**	**558**	**558**	**1116**

Total expected housing units	1,116
Units considered affordable (≥ 12 du/ac in 2021-2030 decade)	245

Using minimum-density to calculate unit potential, Roseville could potentially net 245 units of affordable housing in the decade from 2021-2030. This number is based purely on available land programmed for density at above 12 units per acre, which includes land in the high-density category and 10 percent of the land in the Core Mixed-Use, Corridor Mixed-Use, and Community Mixed-Use categories.

In practical terms, housing developments above a particular density threshold does not guarantee housing affordability. The next section of this chapter will discuss the tools and strategies that Roseville can employ to help ensure that housing affordability goals are achieved.

5. Existing Housing Needs

From this assessment of the physical and cost characteristics of the housing stock in Roseville, combined with the demographic analysis of the community, there are some features and trends of the housing landscape that are especially notable and will shape the actions Roseville will take to address housing in the coming decades. The following section summarizes the community's most critical housing needs as they relate to affordability and future demands on the City's housing supply. Each section contains a housing trend observation and a supplemental narrative. Goals related to these specific housing needs are included in the Goals and Strategies section at the end of this chapter, which arise out of each housing need observation. Connecting each housing need goal to applicable tools and policies will occur in a later section entitled "Planning for Affordable Housing."

The most critical housing trends and needs in Roseville are as follows:

1. **Household size is declining (in Roseville, the region, and across the country), and only one quarter of Roseville's occupied housing units contain families[5].**

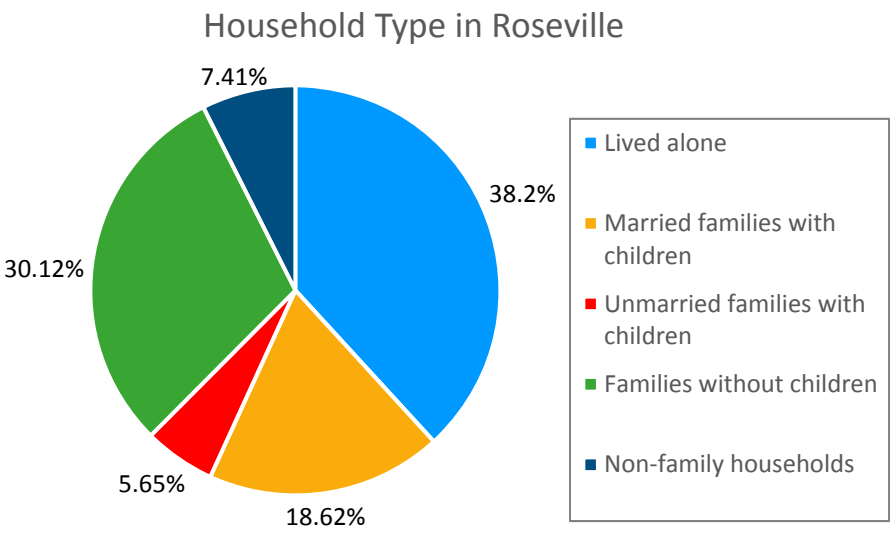
Table 5-5 Source: ACS Estimates.[6]

Household Composition	2000	%	2015	%	Change (units)	Change (%)
One-Person Households	4,912	34%	5,468	37%	556	3%
Non-Family Households	1,086	7%	1,083	7%	-3	0%
Families Without Children	5,235	36%	4,653	32%	-582	-4%
Unmarried Families with Children	772	5%	764	5%	-8	0%
Married Families with Children	2,593	18%	2,779	19%	186	1%
Total	**14,598**		**14,747**			**0%**

[5] The U.S. Census Bureau defines a family as "a group of two people or more (one of whom is the householder) related by birth, marriage or adoption and residing together; all such people (including related subfamily members) are considered as members of one family."

[6] Note that this data includes only occupied housing units because it is focused on the characteristics of household members. This produces values for total households that are lower than the total housing unit estimates for the City referenced earlier in this chapter (which include vacant homes).

FIGURE 5-12 SOURCE: METROPOLITAN COUNCIL FROM 2016 AMERICAN COMMUNITY SURVEY ESTIMATES



This demographic shift toward smaller household sizes will be accompanied by a need for housing that accommodates smaller households. While the typical suburban housing norm has long been the image of a single-family house with a yard, over the coming decades the City can expect households to continue to become more "non-traditional" and increasingly composed of single adults, empty nesters, and unrelated adults living together. Currently Roseville's housing stock is more than half composed of single-family detached homes, a share which may decline in the coming decades due to demand for smaller and non-traditional housing options.

As an inner-ring suburban community located close to jobs and transit, Roseville should expect the overall demand for housing to be strong and the demand for smaller units to be maintained or increase in the coming decades. The regional forecasted trend predicts population movement back toward the urban core and increasing preferences for rental housing due to cost considerations and lifestyle choices.

2. **A quarter of Roseville's households are cost-burdened, spread evenly through the AMI bands.**

One in four households in Roseville meets the definition of cost-burdened, meaning they are paying more than 30 percent of their income on housing. A disproportionate share of these cost-burdened households are lower-income households. As market challenges to the production of affordable housing persist, Roseville must prioritize support for affordable housing development by using the tools available at the City's discretion and strengthening partnerships with other agencies to promote affordable housing production (more on this in the "Planning for Affordable Housing" section below).

Proactive partnerships and City support will be required to develop housing that is affordable at or below the 30-percent AMI affordability band, as this degree of affordability is typically only available through deep subsidies offered at higher levels of government.

Roseville should also consider how actions taken at the City level will impact housing costs and availability for existing residents, and will need to balance economic development interests with concerns over affordability and gentrification.

3. **The housing stock in Roseville is aging, and residents will have increasing maintenance and upkeep requirements in the coming decades.**

   Roseville's affordable housing stock is largely located in single-family areas developed in the 1950s, 60s, and 70s that are beginning to age and may not be as attractive or suitable for modern households as they once were. The same is true for Roseville's aging multifamily rental complexes. Developing strategies to maintain and support Roseville's existing housing stock, particularly for those households with lower incomes and fewer resources, will remain a significant challenge in the decades to come, and will be important to continue to attract newcomers to the City.

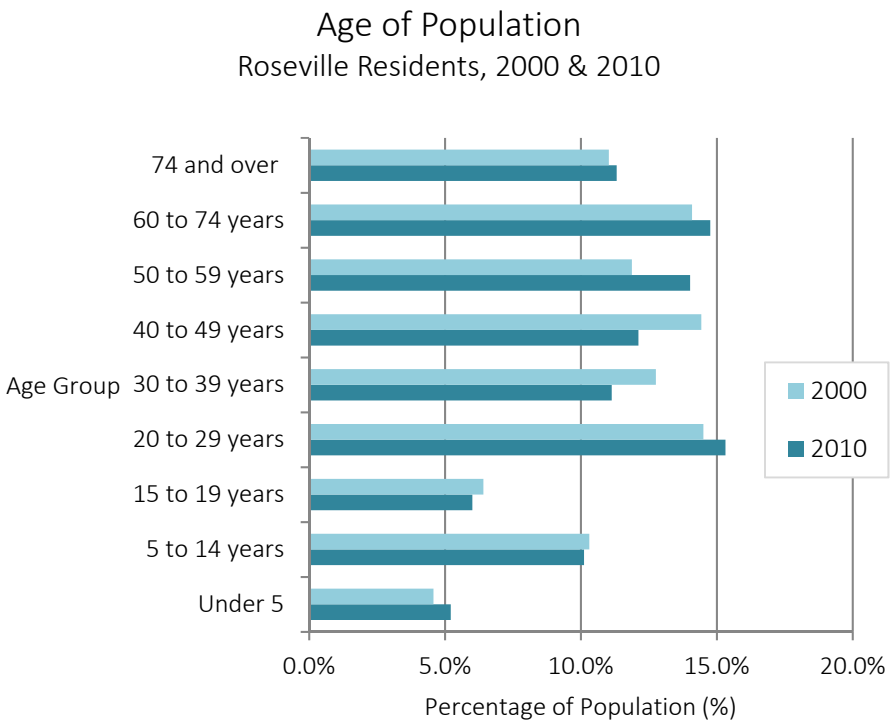
4. **Roseville, along with many urban communities, is at risk of losing its naturally occurring affordable housing to redevelopment.**

   Roseville has large share of housing that is considered affordable by way of "naturally occurring" means. Typically, naturally occurring affordable housing comprises older attached and multifamily housing that may have deferred maintenance needs or is of an older or obsolete style. Naturally occurring affordable housing is an important source of housing affordability in many Twin Cities urban communities but requires a careful, balanced approach. All residents have a right to live in safe and well-maintained housing, but investments in maintenance and other upgrades (including redevelopment) can contribute to the loss of housing affordability in a community.

   There are proactive steps that Roseville can take to recognize the important role that naturally occurring affordable housing plays in the community, typically supporting households between 30 – 80 percent of AMI, and to pursue opportunities to preserve this housing and improve its safety and livability while maintaining its affordability.

5. **The City supports actions that make it possible for Roseville residents to age in place.**

FIGURE 5-13 SOURCE: U.S. CENSUS BUREAU 2000 AND 2010



"Aging in place" is the notion that an individual may find, within a single city, appropriate housing for all stages of his or her life, allowing a person to stay in the community as he or she ages. Oftentimes the focus of an "aging in place" goal is on providing adequate housing options within the community for seniors and older adults. These options could range from appropriately sized and equipped single-family homes, to independent living facilities to advanced care facilities with medical staff. Demographic data from 2000 and 2010 indicate a slight trend toward decreases in middle-aged residents and increases in residents aged 50 and older (FIGURE 5-13). The most likely factor contributing to these age cohort changes is simply the shifting demographics of an aging population with a significant share of Baby Boomers. Such a shift underscores the importance of addressing senior housing needs over the next 10 – 20 years.

New senior housing units developed in the past 15 years have increased the number of housing options available to aging residents in Roseville. However, residents identified the lack of available affordable options for aging or elderly residents as a significant challenge facing the community. Many lifelong residents want to remain in the community that they are familiar with or have grown up in. The City may consider exploring allowances for more diverse

housing styles while supporting opportunities for senior and supported housing development to meet the demonstrated need in the community.

Along with the provision of adequate housing options for seniors, community members have identified a need for better access to senior supportive services including medical care and provision of basic needs for those living with limited incomes. Senior housing efforts should be coupled with consideration of adequate access to, or co-location with, these critical services that support older residents.

6. **Strategic development of housing can offer access to services, amenities, and employment opportunities for individuals without a personal vehicle.**

   Roseville's proximity to two major urban centers and the presence of major roadway arteries like I-35W, Highway 36, Snelling Avenue, and others, present opportunities for transit-oriented development, which can support populations who cannot – or prefer not to – own a personal vehicle. Providing housing in convenient proximity to transit with connectivity to jobs and employment centers should be an important consideration in the siting of new housing. Prioritizing transit-oriented development projects will support seniors and lower-income households who traditionally have a higher demand for transit services.

7. **Monitoring and updating City ordinances can help to produce flexibility and diversity in housing opportunities.**

   Zoning codes provide dimensional and locational standards that dictate the built form of housing. A city that actively monitors and updates its zoning code may find opportunities to reduce regulatory barriers to producing the types of housing that meet the demands of residents or prospective residents, as well as the conditions of the market.

6. Goals and Strategies

Goals

Several of the Citywide goals established in Chapter 2 relate to the topic of housing, and are restated here as the overall housing goals:

Roseville housing meets community needs

1. Develop a coordinated housing strategy for the City.
2. Provide mechanisms that encourage the development of a wide range of housing that meets regional, state, and national standards for affordability.
3. Implement programs that result in safe and well-maintained properties.

4. Establish public-private partnerships to ensure life-cycle housing throughout that City attracts and retains a diverse mix of people, family types, economic statuses, ages, and so on.
5. Employ flexible zoning for property redevelopment to meet broader housing goals such as density, open space, and lot size.
6. Develop design guidelines to support new or renovated housing that contributes to the physical character of the neighborhood, healthy living, and environmental and economic sustainability.

There are also several goals relating directly to the housing needs developed in the previous section:

7. Explore opportunities to encourage smaller housing units, "non-traditional" housing development (which could include culturally-appropriate housing to reflect the population demographics of the City), and opportunities to address the lack of housing in the "missing middle" styles.
8. Reduce overall community housing cost burden, particularly by supporting those projects that provide affordability for households in the lowest income categories.
9. Support housing maintenance assistance programs, particularly for lower-income households.
10. Anticipate the need for creative strategies to manage naturally-occurring affordable housing within all affordability bands.
11. Meet increased demand for senior housing and opportunities for residents to age in place.
12. Explore opportunities to increase transit-oriented development in strategic areas connected to major transit routes to improve access to services, amenities, and employment opportunities.
13. Update ordinances as necessary to maintain optimal housing functionality and livability, and to address new technologies, market trends, and resident needs.

Strategies for Affordable Housing

Affordable housing implementation toolbox

Simply guiding land at higher densities is not a guarantee that affordable housing will be produced. To increase the likelihood of affordable housing development, Roseville has identified implementation tools that the City is willing and able to use to advance its housing goals.

However, there are areas in which cities have flexibility to enact financial and regulatory discretion. The provision of tax increment financing (or TIF) is one of the most effective tools that cities have at their discretion to aid the production of affordable housing projects, and Roseville is open to financially assisting future

affordable rental projects through TIF and other available means, if and when they come forward.

Cities also have discretion over their zoning, regulatory, and land use policies. Roseville must systematically review its zoning and other City codes to ensure that the regulatory environment is favorable to affordable housing development, and consider amending policies that present barriers to affordable housing development. One of the strategies identified in the Land Use and Housing Action Items (Chapter 4) is to revise the commercial zoning districts to reflect the mixed-use development priorities expressed in this Plan. Another is to promote and support transit-oriented development and redevelopment near existing and future transit corridors. These and other strategies may be considered and implemented directly by the City to help encourage affordable housing production.

Many other affordable housing tools and strategies require partnerships with outside entities, Ramsey County, funding and granting agencies, and non-profits that offer programs, funding, and policies on a wider scale that support affordable housing. Tools that can be used to generate or maintain housing affordability can generally be grouped into the following categories:

- Local funding (city or county)
- Local policy or strategy
- Regional or federal funding source
- Affordable housing preservation

An overview of City-wide housing goals, identified housing needs, and the tools that may be used to address them are shown in the matrix on pages 28 and 29. The section that follows explains each of the affordability tools in greater detail and gives more information about when these strategies might be used.

The development of the Housing Tool matrix is the first step in identifying actionable strategies to meet Roseville's identified housing needs. A future implementation step for the City will be to develop an action plan for the use of this housing matrix. This action plan should identify the priorities that will direct the pursuit of specific housing strategies outlined in the matrix. City budget and staff capacity, current market conditions, and demographic and economic trends should all be factors in the development of priorities guiding the action plan. This Housing Tool matrix can serve as a reference point in an iterative and continuous process of meeting the City's housing needs.

		2040 Citywide Affordable Housing Goals				
	Affordable Housing Tools	Provide mechanisms that encourage the development of a wide range of housing that meets regional, state, and national standards for affordability. *(intended target: all affordability bands)*	Implement programs that result in safe and well-maintained properties. *(intended target: ≥ 50% AMI)*	Establish public-private partnerships to ensure life-cycle housing throughout that city to attract and retain a diverse mix of people, family types, economic statuses, ages, etc. *(intended target: 30 – 80% AMI)*	Employ flexible zoning for property redevelopment to meet broader housing goals such as density, open space, and lot size. *(intended target: all affordability bands)*	Develop design guidelines to support new or renovated housing that contributes to the physical character of the neighborhood, healthy living, and environmental and economic sustainability. *(intended target: ≥ 50% AMI)*
Local Funding Options	Development Authorities	X	X	X		
	Housing Bonds	X		X		
	Tax Abatement	X				
	Tax Increment Finance (TIF)	X		X		
County, Regional, State, and Federal Programs	Project-based Rental Assistance					
	MN Housing Consolidated RFP	X	X	X		
	Community Development Block Grants	X	X	X		
	HOME Funds	X	X	X		
	Livable Communities Grant (Metropolitan Council)	X		X		
Local Policies and Programs	Support homebuyer assistance programs and foreclosure prevention programs	X	X			
	Encourage Repair & Rehab programs including Housing Replacement program	X	X	X		
	Support Energy Assistance programs	X	X			
	Support Rental Assistance programs	X				
	Participation in housing-related organizations, partnerships, and initiatives	X				
	Site assembly and/or land banking	X		X	X	X
	Local Fair Housing Policy	X		X		
	Fee waivers or adjustments	X				
	Financial or procedural incentives to private developers	X		X	X	
	Zoning and subdivision policies	X			X	X
	Effective referrals to available programs		X	X		
	4(d) tax program	X				
Preserve Long-term Affordability	Community land trusts	X		X		
	Support developer use of LIHTC	X		X		
	Public/private task force					
	Support public housing & project-based assistance	X				

		Identified Housing Needs						
	Affordable Housing Tools	Explore opportunities to encourage smaller and more "non-traditional" housing development, including opportunities to address the lack of housing in the "missing middle" styles. *(intended target: 30 – 80% AMI)*	Reduce overall community housing cost burden, particularly by supporting those projects that provide affordability for households in the lowest income categories. *(intended target: ≤ 50% AMI)*	Support housing maintenance assistance programs, particularly for lower-income households. *(intended target: 30 – 80% AMI)*	Anticipate the need for creative strategies to manage naturally-occurring affordable housing within all affordability bands. *(intended target: all affordability bands)*	*Meet increased demand for senior housing and opportunities for residents to age in place. (intended target: 30 – 80% AMI)*	*Explore opportunities to increase transit-oriented development in strategic areas connected to major transit routes. (intended target: all affordability bands)*	Update ordinances as necessary to maintain optimal housing functionality and livability, and to address new technologies, market trends, and resident needs. *(intended target: all affordability bands)*
Local Funding Options	Development Authorities	X	X			X	X	
	Housing Bonds	X	X			X	X	
	Tax Abatement	X	X			X	X	
	Tax Increment Finance (TIF)	X	X			X	X	
County, Regional, State, and Federal Programs	Project-based Rental Assistance	X	X		X	X	X	
	MN Housing Consolidated RFP	X	X	X		X		
	Community Development Block Grants	X	X	X				
	HOME Funds	X	X	X		X		
	Livable Communities grant (Metropolitan Council)	X	X			X	X	
Local Policies and Programs	Support homebuyer assistance programs and foreclosure prevention programs		X	X		X		
	Encourage Repair & Rehab programs including Housing Replacement program	X	X	X		X		
	Support Energy Assistance programs		X	X		X		
	Support Rental Assistance programs		X	X		X		
	Participation in housing-related organizations, partnerships, and initiatives	X			X			X
	Site assembly and/or land banking	X					X	
	Local Fair Housing Policy							
	Fee waivers or adjustments	X						X
	Financial or procedural incentives to private developers	X			X		X	X
	Zoning and subdivision policies	X						X
	Effective referrals to available programs		X					
	4(d) tax program	X			X			
Preserve Long-term Affordability	Community land trusts	X			X			
	Support developer use of LIHTC	X			X			
	Public/private task force	X			X			
	Support public housing & project-based assistance				X			

Category	Tool
Local Funding for Affordable Housing	**Development Authorities (local HRA, CDA, or EDA)** Ramsey County Housing and Redevelopment Authority administers housing programming in suburban Ramsey County, including the City of Roseville. Additionally, the City has an active Economic Development Authority (EDA) that has all of the powers of a Housing Redevelopment Authority (HRA). These entities have taxing authority. Funds levied through these authorities can be used to accomplish housing and community redevelopment projects or programs. These might include specific development projects, rehabilitation and maintenance programs, and other housing opportunities as dictated by City goals and priorities.
	Housing Bonds EDAs and HRAs can issue bonds that help to develop and administer affordable housing developments or programs. Cities and counties may make or purchase loans using the proceeds of the bond sales for activities such as new construction, acquisition and rehabilitation, or refinancing bond debt. Bond-supported projects would typically support affordable housing for the 50-percent and 80-percent AMI bands. The City will consider issuing bonds at the request of housing developers.
	Tax Abatement Tax abatement is a financing tool that reduces taxes or tax increases for owners of specific properties. Local governments offer the tax reduction to provide a financial incentive for a public benefit, such as creation of housing affordable to low- and moderate-income households. The City may consider tax abatement if the public benefit from a proposed project is substantial and the project could not occur but for the aid of this tool.
	Tax Increment Financing Cities may elect to create a tax increment financing (TIF) district as a means of subsidizing and supporting housing redevelopment projects. Under TIF, the City is able to allocate future property tax gains to fund current development. By legislative definition, TIF used for affordable rental housing projects must provide affordability to those at 60 percent of AMI or less. The affordability threshold is 115 percent of AMI for owner-occupied housing projects. TIF is a tool that may be considered for large-scale redevelopment projects that would not occur "but for" this type of assistance.

Category	Tool
County, Regional, State, & Federal Funding for Affordable Housing	**Minnesota Housing Finance Agency (MHFA) Consolidated Request for Proposals** This annual funding request from MHFA supports affordable housing developments across the metro area, and is very competitive. The City will continue to work with developers in coordination with MHFA in supporting RFP submissions for projects that will bring a significant number of new affordable units, and will consider support for projects that meet affordability thresholds of 50 percent AMI or below as a reflection of the income tiers comprising the majority of Roseville's housing allocation.
	Livable Communities Demonstration Account (LCDA) Roseville is eligible for Metropolitan Council funding for innovative projects, with preference for those projects that incorporate affordable housing and transit accessibility. The City will continue to work with developers in coordination with the Metropolitan Council in supporting RFP submissions for projects that will bring a significant number of new affordable units, and will consider support for projects that meet affordability thresholds of 50 percent AMI or below as a reflection of the income tiers comprising the majority of Roseville's housing allocation.
	Community Development Block Grant Funds (CDBG) Ramsey County manages disbursement of CDBG funds, which can be used on a number of housing and revitalization projects. Applicants may apply annually for these funds. The City can apply for these funds, or may assist or support specific agencies or organizations in their pursuit of these funds.
	HOME Investment Partnerships Program Ramsey County manages disbursement of HOME funds, which can be used on a number of housing and revitalization projects. Applicants may apply annually for these funds. The City can apply for these funds, or assist or support specific agencies or organizations in their pursuit of these funds.
	Project-Based Rental Assistance Typically HUD-funded, this type of assistance is a deep subsidy that remains with the units of a project or development. Although the City does not fund this type of assistance, Roseville may consider stating its intent to support project-based assistance, as such projects are among the only opportunities to support and retain housing affordable to households at or below 30 percent AMI.

Category	Tool
Local Policies and Strategies to Promote Access to Affordable Housing	**Effective Referrals** The City supports providing appropriate resources and education about existing housing support programs offered by other agencies and organizations. The City seeks to effectively communicate to current and prospective residents about existing programs offered through non-profits and agencies serving the area. Priority will be given to making referrals that support Roseville's housing goals and meeting identified housing needs, such as home buyer assistance, home maintenance programs, and programs that help seniors age in place.
	Fair Housing Policy The City may explore the development of a local Fair Housing policy. Such a policy would allow Roseville to declare its commitment to fair housing and to plan proactively to avoid fair housing disputes, manage fair housing complaints, and to take advantage of opportunities to increase housing choice. The Metropolitan Council will soon require LCDA funding recipients to have a Fair Housing policy in place.
	First time homebuyer, down payment assistance, and foreclosure prevention programs The City encourages residents to access existing programs available through Ramsey County (FirstHOME Buyer Assistance Program), the Minnesota Homeownership Center, Minnesota Housing, and other nonprofits. Roseville will pursue active partnerships with organizations and agencies that provide these services, particularly those that serve or prioritize those populations at or below 80 percent AMI who would otherwise face very high barriers to home ownership and retention.
	Rental Assistance Ramsey County and local nonprofits do offer, when funds are available, emergency aid to income-qualifying households and individuals in crisis that can be used to make rental payments. Metro HRA offers portable Section 8 vouchers on a limited basis that can be used on rental properties throughout the metro. In addition, the Metro HRA offers project based rental assistance to properties/projects applying through the Super RFP process. Roseville supports connecting income-qualifying residents to these resources when they are available if it helps them stay in their homes and in the community while managing a crisis. Assistance is primarily available for those at or below 50 percent AMI.
	Participation in housing-related organizations, partnerships, and initiatives City staff or elected officials will consider increased involvement in events, collaborations, or programs that support furthering fair and affordable housing. Staying proactively involved in affordable housing discussions with other jurisdictions and agencies will allow Roseville to stay apprised of current programs, opportunities, and best practices.

Category	Tool
Local Policies and Strategies to Promote Access to Affordable Housing	**Site Assembly** The City will monitor and consider acquisition of properties that can be assembled and developed into a public good project, including the production of affordable housing or maintenance of existing affordable housing. Such a strategy could be used to allow the City to put out specific RFP requirements to developers in order to achieve a project that includes housing affordability, specifically that meet thresholds for 50 percent AMI and below for rental housing and 115 percent AMI and below for ownership.
	Zoning and Subdivision Ordinances City codes should encourage and streamline development of affordable housing. The City may consider proactive zoning policies that incentivize higher density or greater affordability. These updates, described in more detail in the Land Use chapter, include revisions to the Mixed-Use zoning districts to require minimum percentages of residential development that will enable development at affordable densities near services, commercial amenities, jobs, and transit.
	Financial or procedural incentives to private developers Roseville may consider the use of fee waivers or other procedural incentives in the development approval process when the development concerns affordable housing or other amenities considered a public good. However, this strategy should only be considered where these fee waivers will not result in a significant loss of funding for needed services that would be required to support the new development. This may support affordable housing at all income levels.
	Support Energy Assistance Programming Home energy improvements can be a means of making housing more affordable by reducing energy bills and maintenance, and improving the longevity of a home. Roseville partners with Xcel Energy to offer free home energy audits, and supports other specific programming that addresses home energy improvements. Priority may be given to programming that specifically targets seniors and low-income households.
	Encourage Repair & Rehab programs including Housing Replacement Program Maintenance of existing housing stock is an identified housing goal. The City will continue to look for opportunities to partner with established programs that offer home rehabilitation assistance through low-interest loans or small grants. Currently Roseville does not offer these funds to property owners directly. The City does operate a Housing Replacement Program which seeks to acquire older homes for demolition and then sell the lots to qualified builders to produce new homes. The intent of this program is to improve quality and safety of housing in the city that might not be achieved through typical home repair or rehabilitation.

Category	Tool
Local Policies and Strategies to Promote Access to Affordable Housing	**Rental Licensing programs** Roseville adopted a rental licensing program in the fall of 2013 that required inspections of properties with 5 or more rental units. The program had inspection requirements based upon the number of code violations upon inspection the property had. These inspections where done by the Building Inspection Department. In 2018, the program is transferring to an annual inspection to be done by the Fire Department.
	Rental Registration program Roseville adopted in 2008 a rental registration program for rental properties of 1 to 4 units. This is not an inspection program. The program was reviewed and updated in 2015 to require that the property owners must post their registration certificate that includes information on code requirements and tenant's rights and responsibilities, as well as information related to resources available when issues arise.
Affordable Housing Preservation Strategies	**Low Income Housing Tax Credit (LIHTC) Projects** With LIHTC, developers apply for tax credits to offset costs at the time of development. Although the City does not fund this type of assistance, Roseville may consider stating its intent to support developers who pursue LIHTC and especially those who intend to seek ways to retain the affordability of the LIHTC property after the terms of LIHTC are up. LIHTC is a tool used to support projects that support residents in the 30 – 80 percent AMI range.
	4d Tax Program Non-subsidized properties may be eligible for a tax break if the owner of the property agrees to rent and income restrictions (serving households at 60 percent AMI or below) and receives "financial assistance" from federal, state, or local government. Roseville may consider stating its intent to support the 4d Tax Program as part of a broader strategy for preserving affordable multifamily housing.
	Private unsubsidized affordable housing May be naturally occurring, or supported through 4d Tax Program. Roseville may consider stating its intent to support private, unsubsidized affordable housing, and explore opportunities to work with property owners to retain the affordability of these properties over the long term.
	Community Land Trusts (CLT) CLT provide permanent affordability for income-eligible households. Typically, a CLT is structured where a homeowner owns the building and the land trust leases the land to the homeowner. Households that make at or below 80 percent of AMI typically qualify for these homes. Currently there is not an active CLT serving Roseville, but the City could pursue future partnerships or support CLT activities as they arise.

Category	Tool
Affordable Housing Preservation Strategies	**Public/Private Task Force** The City will establish a task force with private developers to work on breaking down barriers. The task force will work not only on public subsidies, but on bringing appropriate private resources to the table to bring projects to fruition.

CHAPTER 6: ECONOMIC DEVELOPMENT

Chapter 6 includes the following information:

1. Background
2. Business Profile
3. What We Heard
4. Redevelopment
5. Priority and Opportunity Areas
6. Goals and Strategies

1. BACKGROUND

Roseville's business community is critical to community health in terms of job opportunities, shifting the overall tax burden from residents, and in quality of life. On November 30, 2015, Roseville enabled the creation of an Economic Development Authority (EDA) and transferred all of the Roseville Housing & Redevelopment Authority programs and account balances to the EDA. After an initial priority-setting session with the EDA, several proactive economic development themes emerged: Business Retention & Expansion, Business Recruitment, Workforce Development, and Partnership or Collaboration Opportunities. The City of Roseville has since taken an aggressive role in establishing an economic development presence that will help communicate what the City can offer to its businesses, and what resources or properties are available in the community.

Current efforts target the following themes:

Business Retention & Expansion

The City adopted a Business Visitation program on August 29, 2016. The program identifies two types of visits: a Retention visit and an Ambassador visit. The Retention visit is a "first touch" where City staff visit with business representatives and conduct a survey to determine if the business has any immediate concerns or needs. The survey used in these visits is from the Grow Minnesota program offered through the Minnesota Chamber of Commerce. The information gathered from the Retention visit is entered into a database that is shared with the Minnesota Chamber of Commerce.

An Ambassador visit is done to thank an existing Roseville business for locating or remaining in Roseville, or to walk through a business that has recently invested in

their business or expanded. Ambassador visits usually include the Mayor, City Manager, Community Development Director, and Economic Development staff. These visits allow staff to provide support for businesses expansion needs, create awareness of available programs, and ensure businesses are aware of newsletters and details of regular events.

The Economic Gardening Program offered by Ramsey County is another Business Retention & Expansion effort. The City refers Roseville businesses to the program. Selected businesses are provided free research information that growing companies might not be aware of or cannot afford. The research specialists assist in four key areas: strategic market research, geographic information systems, search engine optimization, and social media marketing.

Business Recruitment

The Economic Development staff often provides information to prospective businesses that are considering relocating to Roseville. To help support the goals of the EDA, the City Council and EDA adopted a Public Financing and Business Subsidy Policy on October 17, 2016, that identifies when and how the City will subsidize a project. This policy is a critical tool for retaining and attracting livable-wage jobs. Financial tools identified within the policy include tax increment financing (TIF), tax abatement, bonds, sewer access charge (SAC) credits, or other public financing options, assuming a project is aligned with EDA goals and objectives.

Workforce Development

The City supports the Roseville and Mounds View school districts by connecting businesses to resources offered by the school districts that help recruit and train prospective workers. For example, the City has collaborated with Roseville Area High School's Career Pathways program to help businesses identify eligible students for internship opportunities, and to promote the Roseville Area Career and Resource Fair.

The City also supports workforce development opportunities with area post-secondary schools. Roseville businesses are well positioned to attract talent from more than 20 universities, colleges, and technical schools located within—or within ten miles of—the community. The City has benefited from strong partnerships with University of Minnesota, University of Northwestern – St. Paul, and Century College, and will continue to explore more opportunities with these schools, and others, to help future graduates navigate the paths toward internships and on-the-job training.

A key strategy to keeping Roseville businesses strong is to link them to workforce resources, such as Ramsey County's Workforce Solutions program, which supports area businesses through workforce development services. Workforce Solutions helps businesses find skilled staff and assists with training to increase the skill level of a business's current workforce. Other non-educational entities, such as Better Futures Minnesota or MINNCOR, provide training to individuals who have been incarcerated and, consequently, find it extraordinarily difficult to rejoin the workforce upon their release.

Partnership or Collaboration Opportunities

The City of Roseville has collaborated with community organizations and economic development agencies to advance the goals of the EDA. Three chambers of commerce currently serving Roseville are the Saint Paul Area Chamber of Commerce, the Twin Cities North Chamber of Commerce, and the Minnesota Chamber of Commerce. These Chambers, in addition to Greater MSP, the Urban Land Institute, the Roseville Visitors Association (RVA), and other business-forward groups have helped Roseville retain and expand businesses, as well as identify resources for businesses seeking to locate in Roseville.

The City collaborates with the St. Paul Area Chamber of Commerce and the Twin Cities North Chamber of Commerce to provide monthly Roseville Business Council meetings that have presentations on a variety of regional topics. On a quarterly basis, the EDA pays for up to 40 Roseville businesses to attend the Small Business Series, which is programmed in partnership with the St. Paul Area Chamber of Commerce. These quarterly educational workshops promote best practices for managing and owning a business.

Tourism is also critical to the vibrancy of the community. Rosedale Center attracts more than 14 million visitors annually. Along with the other shopping centers, entertainment entities, and restaurants and hotels, the importance of visitors to the local economy is evidenced by the fact that more than a quarter of Roseville businesses fall into either the Retail Trade or the Accommodations and Food Service sectors. Continually investing in our City's systems of parks, trails, open spaces, and wayfinding signage will also help keep Roseville the gateway for guests coming from the Dakotas, Wisconsin, Illinois, Upper Minnesota and Canada.

Economic Development Marketing

In 2016, the Roseville EDA identified economic development marketing as a way to create a stronger business presence, regionally and nationally. Staff worked with Golden Shovel Agency to help develop an identity, gather information, and begin marketing Roseville to better communicate the wide range of program offerings available to local businesses, as well as city amenities and available sites

for redevelopment or business expansion. The City developed a marketing strategy that includes a new website presence (www.growroseville.com), social media platforms, newsletters, and spotlighting of businesses and available properties.

2. Business Profile

Roseville is known for its regional shopping destination, Rosedale Center, but the City's business mix is much more complex. There are more than 2,100 unique businesses in Roseville, employing approximately 36,000 people from around the region. There are 17,431 people in the workforce living in the City of Roseville.[1]



The 1.2-million square foot regional shopping mall, Rosedale Center, is a key economic engine for the City, and one of its most important destinations for both residents and visitors. Despite the challenging environment for retail, Rosedale is continuing to evolve. In addition to accommodating a 120,000-square foot expansion for another anchor tenant scheduled to open in 2018, Rosedale Center is currently spending $76 million on renovations throughout the mall.

[1] Data in infographics in this chapter is taken from ESRI Business Analyst, 2017 data which draws from sources including the U.S. Census Bureau.

Many people in Roseville's economy are employed either in retail trade, or in accommodations and food services, which together account for nearly 31 percent of the positions. The City also has a strong healthcare and social assistance workforce (12.5 percent), and professional, scientific, and technical services accounts for an additional 6.4 percent of the existing positions.

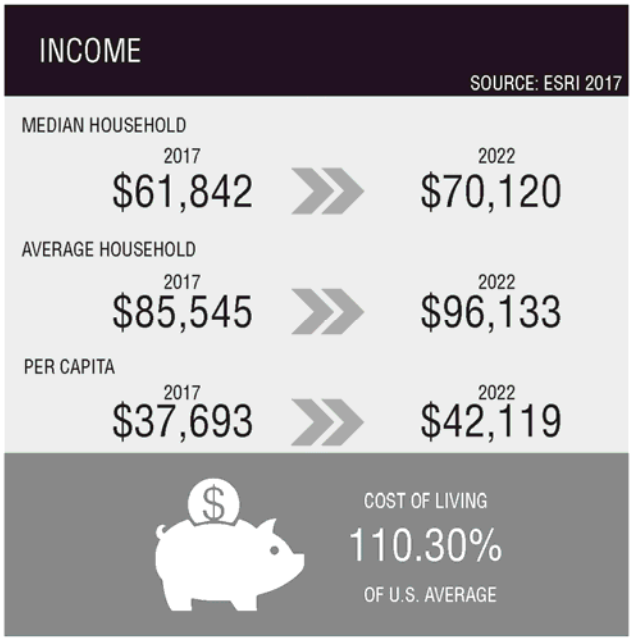


The average unemployment rate among Roseville residents is significantly lower than Minnesota's (3.2 percent vs. 4.3 percent), reflecting Roseville's strong economy. As shown in TABLE 6-1, communities of color in Roseville experience unemployment at a rate of 4.38 percent, however, compared to 2.35 percent unemployment among whites; this local disparity (2.03 points) is smaller than the statewide gap of 3.94 points.

TABLE 6-1 Source: 2016 American Community Survey 5-year estimates

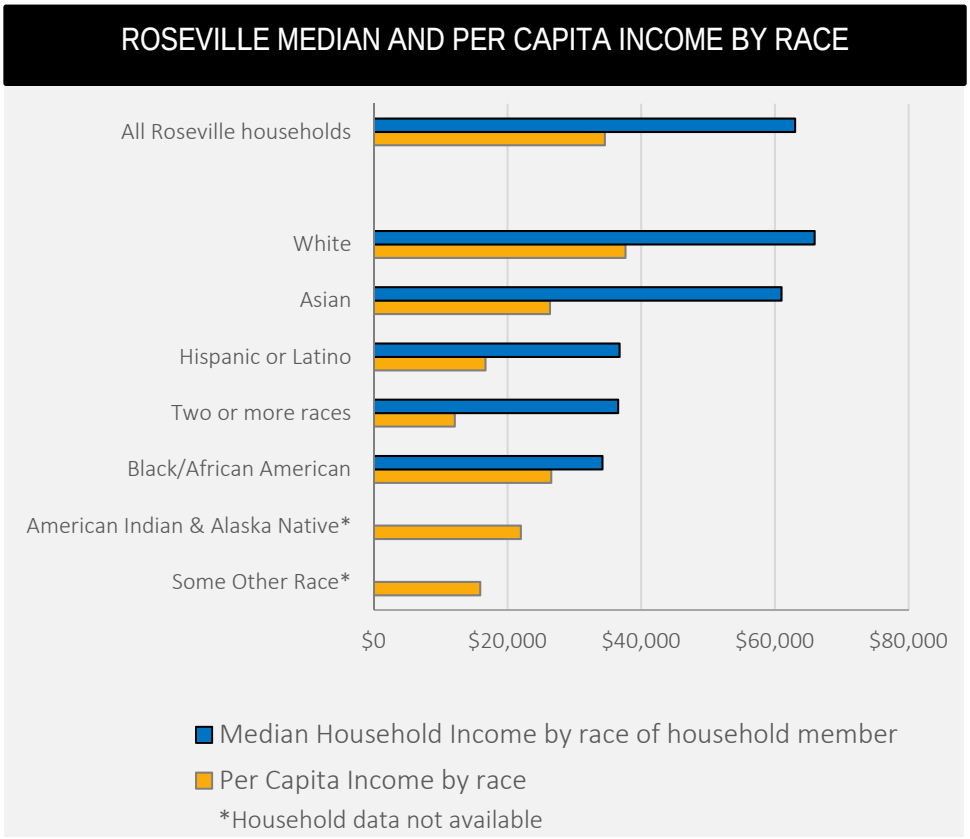
Race	MN	Roseville
White	2.86%	2.35%
Black	8.85%	4.57%
American Indian/Alaska Native	8.68%	0.00%
Asian	3.96%	3.32%
Hawaiian Pacific Islander	3.58%	0.00%
Other	6.49%	9.94%
Two or More Races	7.19%	6.05%
TOTAL MINORITY UNEMPLOYMENT	**6.80%**	**4.38%**

In addition to the low unemployment rate, the City also has an average household income of over $85,000, which is expected to rise significantly in the next five years. However, the City also has a cost of living that is about 10 percent higher than the national average. Therefore, the City will focus on attracting and retaining jobs with wages that allow employees to afford housing in the community.

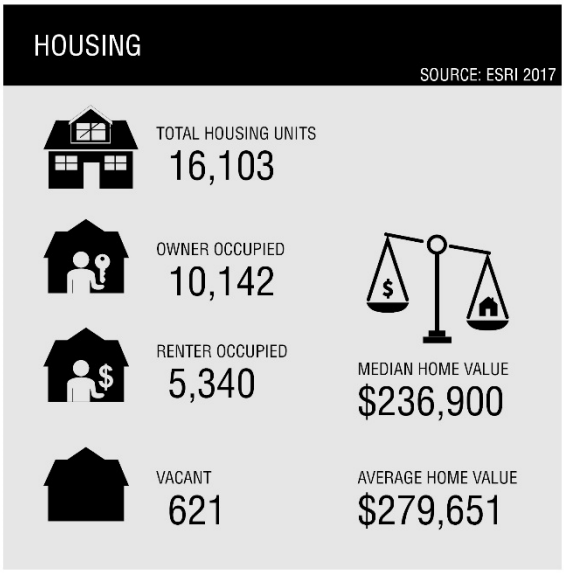


While the overall income outlook for households in Roseville is positive, it is important to recognize disparities in household income within Roseville. Specifically, individual and household income disparities persist along racial lines. FIGURE 6-1 below illustrates that in Roseville, overall median incomes are higher for white households than households composed of any other racial category. The per capita income of Roseville's white population is 30 percent higher than the same measure for its black population, and more than twice the per capita income of its Hispanic population. The City of Roseville acknowledges the persistence of racialized income inequality, and strives to better understand the ways in which policy decisions made at the local level can reduce racial income gaps and improve economic opportunities for all.

FIGURE 6-1 SOURCE: AMERICAN COMMUNITY SURVEY 2016 ESTIMATES

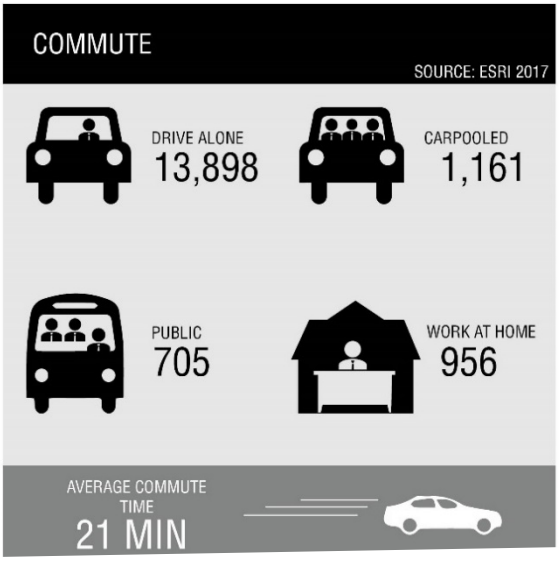


It is part of the City's vision that workers are able to both live and work in Roseville. Attracting businesses from a diverse mix of industries will only be achieved if Roseville prioritizes offering a wide range of housing. The City currently has a median home value of $236,900.



Using traditional financing assumptions (20 percent down payment and not spending more than 30 percent of income on housing), a household would need an annual income of approximately $70,000 to own a home in Roseville. A family with two wage earners would need to average about $16.83 per hour to reach this income level, which fits in the general range of the per

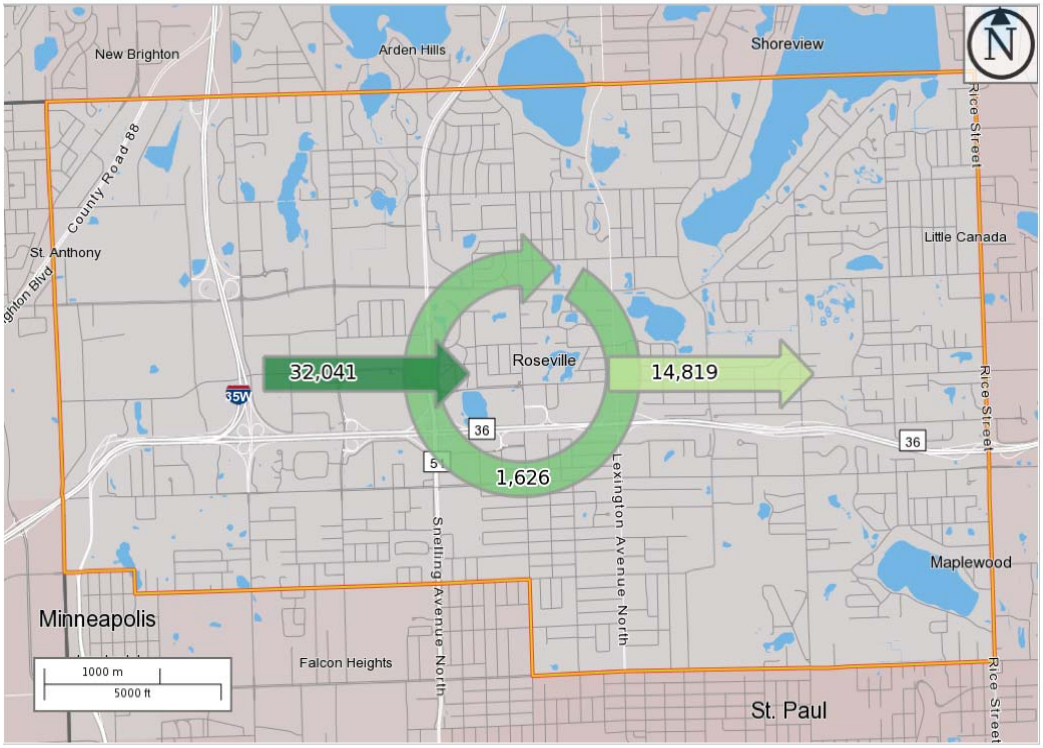
capita income for the community. Nevertheless, the City recognizes that it is important to provide housing opportunities corresponding to the entire spectrum of jobs and salary levels that are currently available so that all workers have the opportunity to live in Roseville. As noted previously, per capita incomes for people of color lag behind those of the white population in Roseville, creating higher barriers to homeownership.



Right now, most of the City's residents do not work in Roseville. They commute to jobs elsewhere, and most of the people who work in Roseville commute in from other cities. As shown in MAP 6-1, below, approximately twice as many people commute to Roseville for work as leave Roseville for jobs in other places. Only 1,626 Roseville residents live and work in the City.

The City's advantageous location nestled adjacent to Minneapolis and St. Paul means somewhat shorter commuting times to work. The average travel time to work is 22 minutes for Roseville residents, compared to the metro-wide average of 25 minutes. Also, a large number of residents carpool or use transit.

MAP 6-1 COMMUTER INFLOW-OUTFLOW PRIMARY JOBS FOR ALL WORKERS. SOURCE: U.S. CENSUS 2015



3. WHAT WE HEARD

A summary of the public engagement related to land use at the events described in Chapter 2 is as follows:

- Attract more locally-owned restaurants and businesses instead of chains, including craft breweries and a food co-op/grocery store.
- Redevelop existing malls/retail areas, especially HarMar.
- A desire for a downtown-like retail environment, which is preferable to strip malls.
- Create more spaces for small, locally-owned businesses.
- Revitalize HarMar mall.
- Have smaller commercial areas that are more spread out (and thus more user-friendly), rather than large and all clustered together.
- Provide more opportunities for arts and culture.

In the online survey, many of the responses emphasized improving social, community, and retail amenities (e.g., schools, churches, organizations, stores, libraries, etc.). When asked what the City's top priorities should be for the next five years, bringing in more small "mom & pop" businesses ranked third.

One question asked what strategy is most important to managing growth while preserving quality of life; the top answer was "Revitalize areas with vacant or under-utilized land".

Other relevant results are shown in the FIGURES 6-2 through 6-6 below:

FIGURE 6-2 ARTS AND CULTURE BUILDINGS RANK #1 AMONG THE TYPES OF BUILDINGS OR BUSINESSES RESPONDENTS WOULD LIKE TO SEE

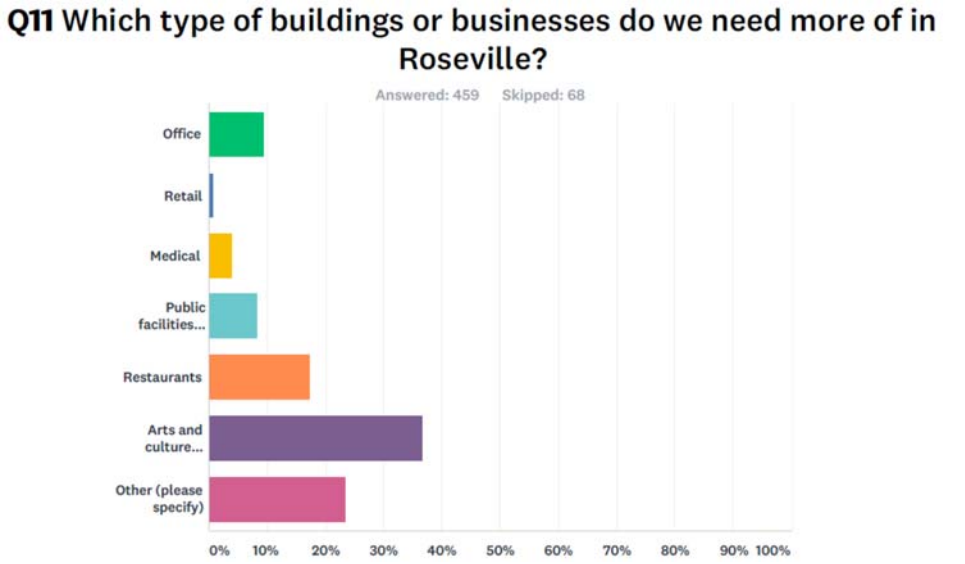


FIGURE 6-3 RESPONDENTS GENERALLY DISAGREE THAT THE CITY NEEDS MORE AREAS FOR RETAIL SHOPPING, SERVICES, AND JOB OPPORTUNITIES

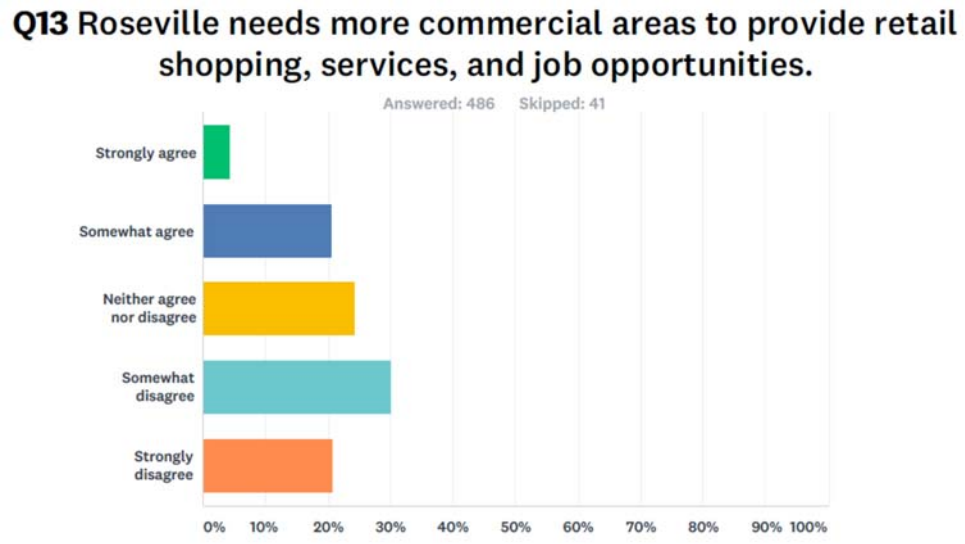


FIGURE 6-4 THERE IS SOMEWHAT MORE SUPPORT FOR AREAS FOR INDUSTRIAL OR OFFICE PARKS

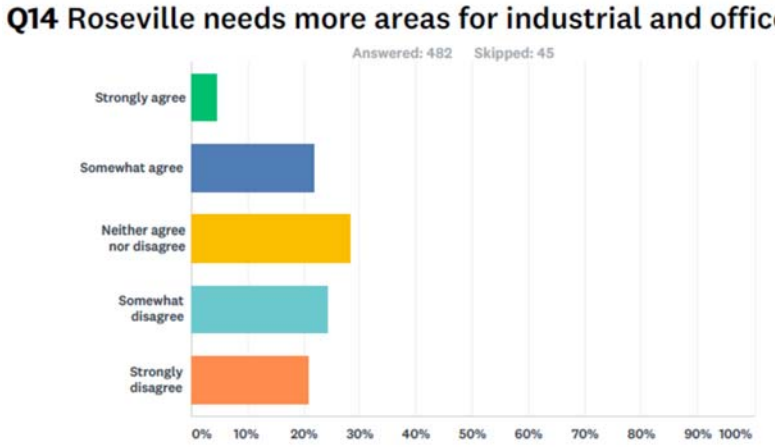


FIGURE 6-5 TECHNOLOGY, RENEWABLE ENERGY, RESTAURANTS, HEALTH CARE, AND EDUCATION ARE THE TOP FIVE TYPES OF BUSINESSES THAT RESPONDENTS WOULD LIKE TO SEE MORE OF IN THE CITY

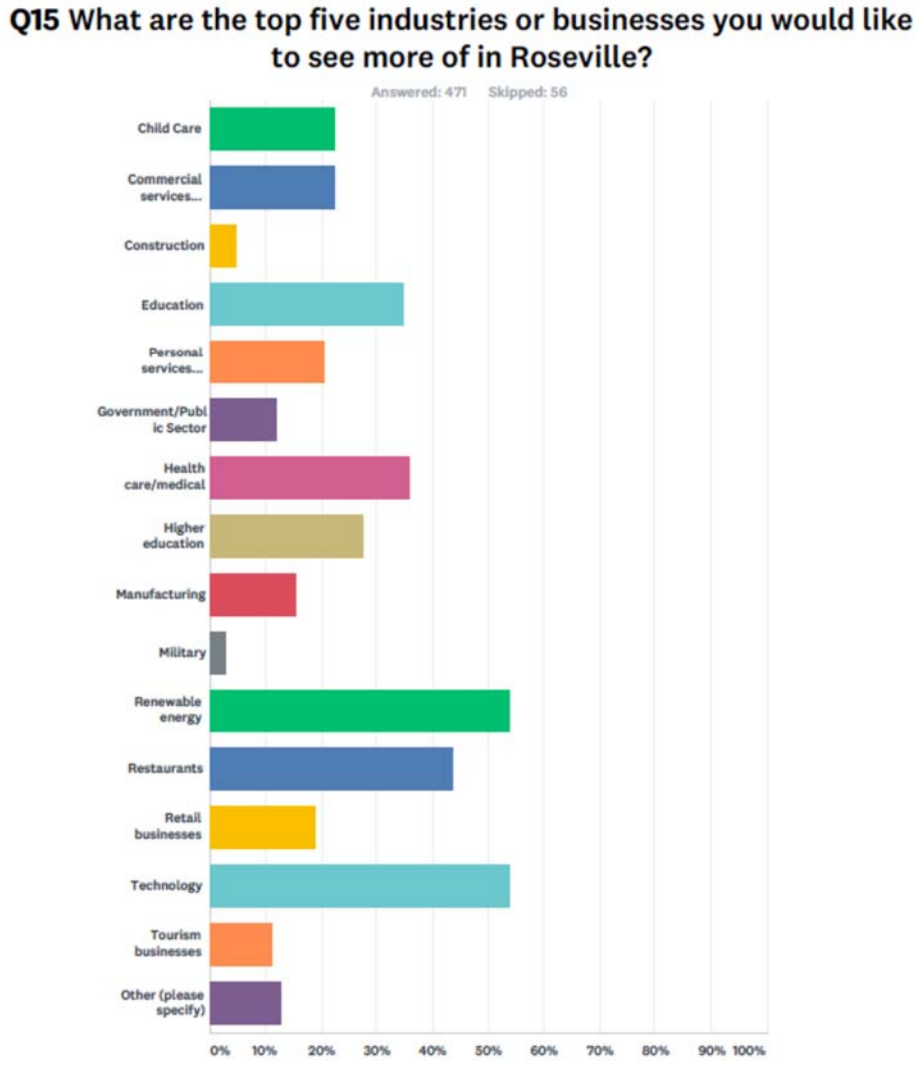
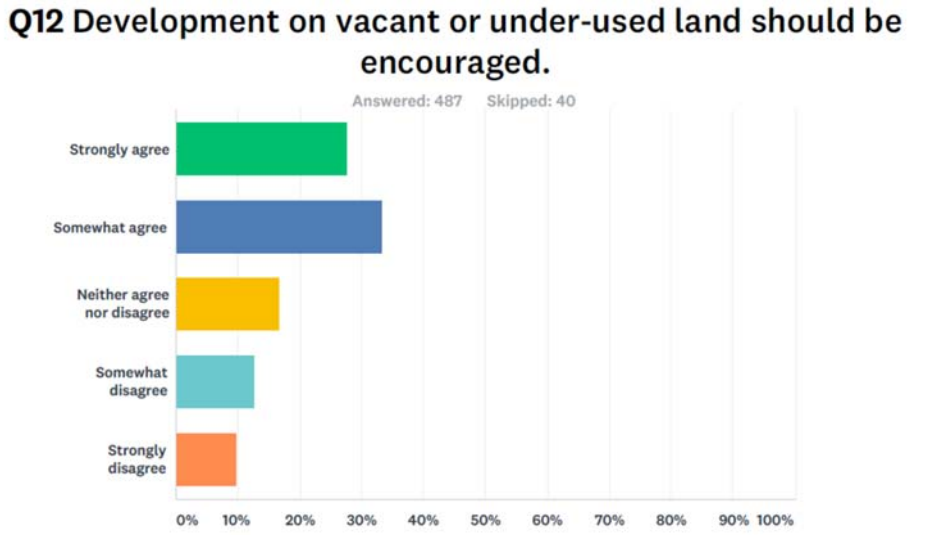


FIGURE 6-6 RESPONDENTS SHOWED STRONG SUPPORT FOR DEVELOPING VACANT OR UNDER-USED LAND IN THE CITY



In a 2016 City survey conducted by The Morris Leatherman Company, the top two responses for the City to "fix or improve" were roads and job creation.

Focus Group

At a focus group meeting held in April 2017, around the topic of economic development, participants[2] discussed why they do business in Roseville and what challenges they see in the coming decades. Many positive aspects of the City were discussed, including:

- Roseville has a strategic location in the region.
- There is a history of long-standing businesses that have made significant infrastructure and capital investments.
- Roseville has a friendly attitude towards businesses that is better than most cities.

Among the challenges were:

- Some businesses (particularly industrial operations) need more space than can be found in Roseville.
- East-west transit connections are missing.
- The bike and pedestrian network is disconnected from key destinations in the city.

[2] A total of six participants (outside of staff, consultants, and City officials) attended the focus group meeting), representing the St. Paul Area Chamber of Commerce, the Roseville Visitors Association, Ramsey County, and other businesses.

- More housing is needed that is affordable to workers of major employers in Roseville.

The Focus Group then discussed things that should change to bring about successful economic development in the City. Highlights of that discussion included:

- Creating "trendy" places and good walking and biking connections that are attractive to employees hired from elsewhere who are choosing a place to live.
- Developing and marketing pedestrian and bikeways that connect to key destinations in the city, as well as trails in surrounding communities.
- Thinking about future residents based on demographic trends.
- Creating more employment centers in the City as a balance for the amount of retail here.
- Ensuring that new development/redevelopment creates walkable/bikeable places.

4. REDEVELOPMENT

As described earlier in this Plan, the City faces unique challenges and opportunities because it is fully developed. While there is very little vacant land for new development, there are sites that have great potential for redevelopment, intensification, and revitalization that can serve as catalysts for economic development for decades.

As stated in Chapter 4 of this Plan, it is important to note that the City of Roseville considers "redevelopment" as an opportunity not just to reconstruct a site, but also to improve what is already there. The City intends to increase the vibrancy and attractiveness of the identified redevelopment areas by allowing and encouraging re-use of existing structures, infill development, redesign of parking areas and transportation facilities, and more. Redevelopment sites include areas that are under-utilized, or that have the potential for adding to or revitalizing the buildings, businesses, and infrastructure.

The lack of "greenfield" (never-developed) land for development does present challenges that the City must face when creating an economic development strategy, namely:

- Extra costs of environmental clean-up (brownfield sites).
- Space constraints for existing businesses that want to expand.
- Costs of re-using existing structures on a site.
- Multiple properties and multiple property owners.

Unique opportunities for financial assistance do exist for redevelopment sites. A summary of these tools can be found in the next section. Many other financial incentives are available through the Minnesota Department of Employment and Economic Development (DEED) related to business development, community development, and infrastructure.

Tool	Description	Funding Source
Tax Increment Financing (TIF)	The most commonly used tool to enable redevelopment, and already used by the City. Some special districts can be enabled by special legislation in addition to just redevelopment TIFs.	City of Roseville
Tax Abatement	Tax abatement may be considered to help pay for public improvements, redevelop blighted areas, provide employment opportunities, or help provide access to services.	City of Roseville and State of Minnesota
Special Taxing Districts	Enabled by state statute, can be set up by an EDA to fund redevelopment.	City of Roseville
Livable Communities Grants	These grants fall into several categories focused on housing (LHIA), transit-oriented development (TOD), tax-base revitalization (TBRA) and linking housing, jobs, and services (LCDA).	Metropolitan Council
Special Assessments	Special assessment districts can be created to pay for infrastructure projects that will kick-start economic development.	City of Roseville
Federal Grants	Community Economic Development Strategy Program and Low Income Housing Tax Credits.	U.S. Economic Development Administration, U.S. Housing and Urban Development
Infrastructure Requirements	Adjustment of the requirements for infrastructure to help the area redevelop in a pattern that supports current usage trends.	City of Roseville

Tool	Description	Funding Source
Ramsey County Economic Gardening Program	Geared toward cultivating home-grown businesses looking to grow and expand; provides technical assistance and focused research.	Ramsey County
DEED Redevelopment Grant Program	Helps communities with the costs of redeveloping blighted industrial, residential, or commercial sites and putting land back into productive use.	State of Minnesota
Clean Up Revolving Loan Program	Provides low-interest loans to clean up contaminated sites that can be returned to marketable use.	U.S. EPA
Contamination Clean Up and Investigation Grant	Helps pay for assessing and cleaning contaminated sites for private or public redevelopment.	State of Minnesota
Demolition Loan Program	Helps with the costs of demolishing blighted buildings on sites that have future development potential but no current plans.	State of Minnesota
Ramsey County Environmental Response Fund	Focuses on brownfield sites, this program helps project partners clean up contaminated properties.	Ramsey County
Eminent Domain	Only for "Public Use" or "Public Purpose" (MN Statute 117.025 Subd. 11).	City of Roseville

5. Priority and Opportunity Areas

The City has identified priority sites for redevelopment, as well as opportunity sites which will be the focus of economic development efforts through 2040. Redevelopment Priority Areas and Opportunity Areas have been identified, and ranked, through a community input process involving residents and elected officials.

The identified locations are broken down into two categories: Priority Areas and Opportunity Areas. The distinction between the two categories is the level of assistance and focus that the City will use to encourage redevelopment. The Priority Areas and Opportunity Areas are discussed in greater detail in the sections below, and their locations are shown in Map 6-2, on Page 19. Details on these

priority and opportunity areas are included in the exhibits at the end of this chapter.

Priority Areas

The City will use a higher level of assistance to encourage the redevelopment of Priority Areas. Some of the possible assistance for these areas could include:

- Tax increment financing
- Special taxing districts
- Tax abatement
- Special assessments
- General property taxes
- Metropolitan Council Livable Communities Grant program
- Assistance with the application to county, state, and federal grant programs that may fit the type of projects that are proposed for the area
- Assembly of properties
- Adjustment of the requirements for infrastructure to help the area redevelop in a pattern that supports current usage trends

Area 1 – Twin Lakes: Twin Lakes is a Priority Area for the City. Redevelopment of this area has been progressing for a number of years and has seen recent momentum in the redevelopment and repositioning of several properties.

The City's collaboration with the State on brownfield clean-up efforts has incentivized developers to consider the area and has expedited development by shedding light on soil conditions.

Many of the existing original buildings, however, remain underutilized and underperforming. As developers have reviewed remaining parcels for redevelopment, there seems to be a large interest in the market for a residential project. Although the area is equipped with zoning that allows and encourages residential development, the development that has taken place so far has not included any residential uses.

Area 2 – Southeast Roseville: The southeast corner of the community, and the corridor identified by Larpenteur Avenue and Rice Street, is a Priority Area for Roseville and has been the subject of an extensive visioning effort with the adjacent communities of Maplewood and St. Paul. The visioning plan identifies short-, mid-, and long-term recommendations for this gateway into these three communities. Recommendations stretch wide from infrastructure improvements that would better accommodate multi-modal traffic, to enhanced land use recommendations and design standards. The City initially identified this area as a priority redevelopment area because of its location, cultural diversity, and

economic anxiety. As properties along the corridor redevelop, it will be critical that each community look to the recommendations of the visioning plan to ensure that efforts are consistent and aligned with the goals and objectives identified for the area. A copy of the Rice-Larpenteur Gateway Area Visioning Plan can be found as Appendix B to the Comprehensive Plan.

Opportunity Areas

Other areas have also been identified by the City as being important and providing a significant opportunity for redevelopment. However, redevelopment of these Opportunity Areas is not as urgent, which is reflected by a lower level of possible participation by the City. The City may use the same financial assistance tools for these sites as listed for the Priority Areas. The City acknowledges that market forces will be far more of a driver to effect change at the locations below, versus the aggressive involvement of City effort channeled to Priority Area sites.

Area 3 – HarMar: The HarMar Opportunity Area currently consists of an enclosed mall and other freestanding structures that were constructed in the early 1960s with traditionally associated parking areas for retail interactions. The area is ideally situated to allow for easy access for pedestrians and cyclists to both mass transit and the surrounding neighborhoods. In the near-term, there are opportunities to adjust the uses; create better connections between neighborhoods, transit, and the mall; and increase activity on the site. The long-term plan for the area will be its revitalization to fully exploit the infrastructure that is readily available to the area. Roseville also recognizes that careful attention to transitions and buffers between redevelopment of the HarMar area and the adjacent low-density residential neighborhoods is critical to the success of the redevelopment and the long-term health of the neighborhoods. This redevelopment will occur as the retail market continues to mature and consumer behaviors adjust and change.

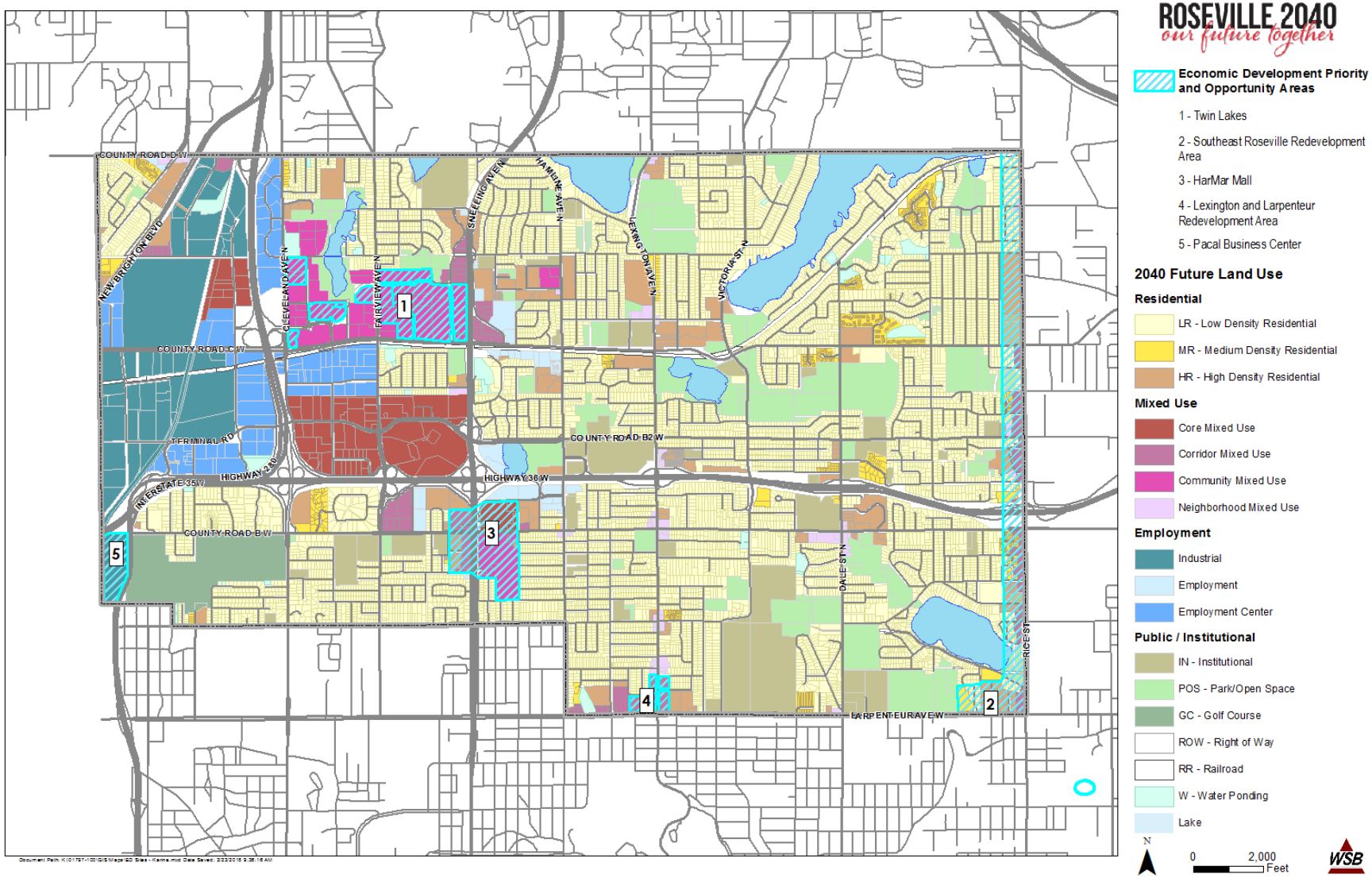
Area 4 – Lexington and Larpenteur: The Lexington and Larpenteur Opportunity Area is located along the southern boundary of the City at the intersection of two main transportation routes. The area was developed with small-scale strip retail centers and may not be serving its full potential in use and taxable value. This redevelopment area will be focused on the creation of community amenities to help meet the needs of the surrounding residential neighborhoods.

Area 5 – Pacal Business Center: The Pacal Business Center Opportunity Area is located to the west of Highway 280 and consists of an older manufacturing facility that has been divided into different business operations. This area does have limited access, making the redevelopment more difficult than the other areas identified in the City. The City will work with the parties involved with any

redevelopment if the goals for both the City and developer are in alignment for the area.

The City will continue to develop relationships with all partners involved with the redevelopment areas described in this chapter. The City understands that those relationships will allow for projects, and ultimately the successful redevelopment of the areas, to be completed efficiently and in a way that incrementally realizes the City's vision. The City will also continue to pursue economic development opportunities for the entire community as they arise.

MAP 6-2 ECONOMIC DEVELOPMENT PRIORITY AND OPPORTUNITY AREAS IN ROSEVILLE



6. GOALS AND STRATEGIES

Goal – Create a development process and/or possible acquisition plan for identified redevelopment areas that is in conformance with the Comprehensive Plan.

Strategies:

- Specify the appropriate level of City involvement for each redevelopment area.
- Develop and implement a program for financial assistance for projects.
- Engage property owners in the process for redevelopment of their sites.
- Assist with the completion and creation of the following types of information: market analysis, clarifying stakeholder goals, and creating a revitalization vision.

Goal – Develop a comprehensive marketing and messaging strategy that promotes the business-friendly nature of the City.

Strategies:

- Create a marketing plan to attract specific industries and businesses to the city, including the sites desired for redevelopment.
- Implement a streamlined development process, including an online permitting application process.
- Complete a development-friendly code audit to identify and adjust regulations and policies with the goal of creating a more streamlined development process that would encourage redevelopment in targeted areas.
- Benchmark the City's development fees against comparable communities to ensure that they are appropriate and yet business-friendly.
- Develop site profiles along with Roseville's Community Profile to include in a multi-media marketing strategy.
- Facilitate development-ready status for high priority redevelopment sites and include them in the marketing strategy.
- Continue to implement the Business Retention and Expansion Program.

Goal – Utilize land use planning to enhance job growth and continued economic health throughout all areas of the City.

Strategies:

- Engage the business owners, commercial property owners, and residents to understand stakeholder goals and concerns.
- Develop programs and assist with the acquisition of funding and technical assistance for the completion of the projects.

- Identify the types of land uses and related building types that promote job generation and job retention to encourage economic growth in the city.
- Encourage transit-oriented development (TOD) to support new and existing employment centers.
- Utilize place-making principles when working with developers and property owners to ensure that redevelopment creates jobs and enhances Roseville's unique identity.
- Promote art and cultural opportunities to attract, retain, and expand businesses that contribute to the City's creative economy.

Goal – Identify workforce needs of City businesses and facilitate partnerships between the Chambers of Commerce, educational institutions, housing developers, and the business community to satisfy market demands.

Strategies:

- Facilitate collaborations among local higher education institutions and business leaders to link educational programs with the workforce development needs of area businesses.
- Create a roundtable discussion with specific business clusters to understand and address workforce issues affecting business operations.
- Create a local developers' roundtable to facilitate regular discussion of redevelopment opportunities in the city.
- Continue and strengthen the City's partnership with Greater MSP, whose mission is to accelerate job growth and capital investment in the region.
- Encourage and facilitate the development of a broad range of workforce housing choices including both multifamily and single-family formats.

Goal – Create infrastructure necessary to retain and attract desirable businesses, and promote an innovative business environment.

Strategies:

- Work with regional groups on the needs for specific types of businesses and industries to allow for the development of infrastructure.
- Encourage the expansion of Metro Transit routes to employment centers and businesses and promote multi-modal transportation opportunities.
- Review the development standards to allow for more flexibility for development based on changing market conditions.
- Consider the adoption of a rehabilitation, façade, and/or sign incentive program for existing small businesses in the city.
- Consider the creation of a small business incubation space within the city.

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PRIORITY AREA: TWIN LAKES

Overall Acerage
128 Acres

Current Land Use
Commercial

Future Land Use
Community Mixed Use

Redevelopment
The redevelopment of this site has been in progress for a number of years. There has been significant success as properties are redeveloped and repostioned.

Issues
Many of the existing buildings are underutilized and underperforming when viewed based on tax generation.









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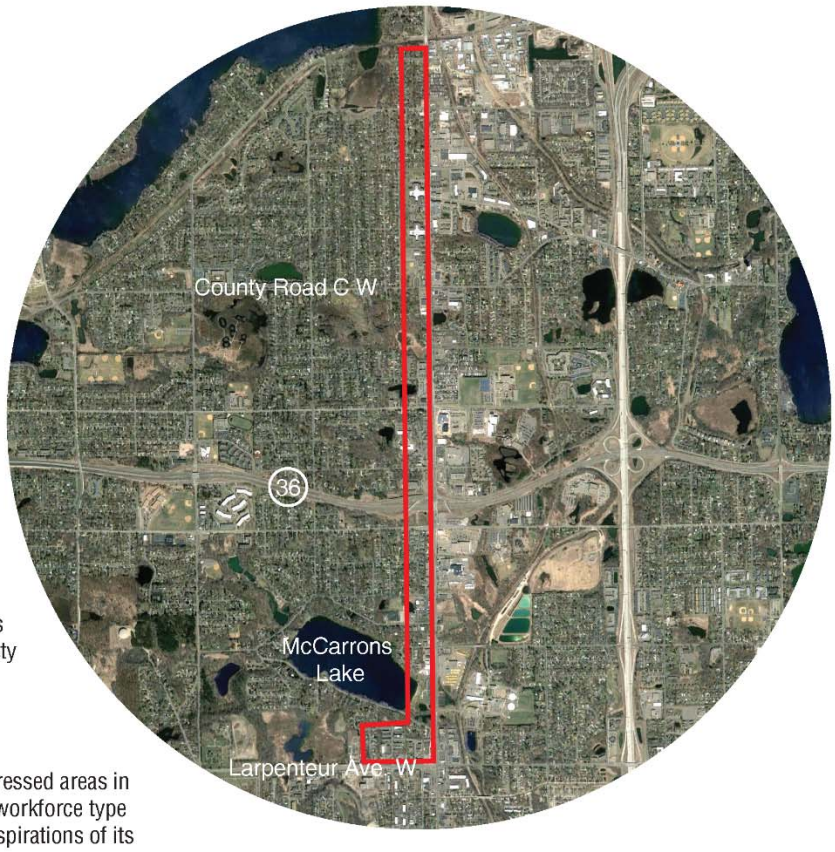
PRIORITY AREA: SOUTHEAST ROSEVILLE

Overall Acerage
33 Acres

Current Land Use
Commercial and
High Density Residential

Future Land Use
Corridor Mixed Use
Medium Density Residential
High Density Residential

Redevelopment
The redevelopment of this site is currently being studied to determine how the area can best be redeveloped in conjunction with Maplewood, St. Paul and Ramsey County which are all present at the intersection. Roseville has identified this area as a priority redevelopment area because of its location, cultural diversity and economic anxiety that is encompassed in the area.



Issues
This area is one of the most economically distressed areas in the community and has a significant need for workforce type housing and development that better fits the aspirations of its residents.







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OPPORTUNITY AREA: HARMAR

Overall Acerage
82 Acres

Current Land Use
Commercial and
High Density Residential

Future Land Use
Core Mixed Use
Corridor Mixed Use
Community Mixed Use
High Density Residential

Redevelopment

This site includes an enclosed mall that was constructed in the early 60's with traditionally associated parking area for retail interactions. The site is ideally situated to allow for significant access to both mass transit and the residential areas of the community. In the near-term, there are opportunities to adjust the uses; create better connections between neighborhoods, transit and the mall; and increase activity on the site. The long-term plan for the area will be its revitalization to fully exploit the infrastructure that is readily available to the area. This redevelopment will occur as the retail market continues to mature and consumer behaviors adjust and change.



Issues

The aging HarMar Mall will need to overcome poor walkability and connectivity to Snelling Avenue and the transit amenities it provides. Parking areas both west and east of Snelling Avenue will need to be assessed to understand actual parking needs.







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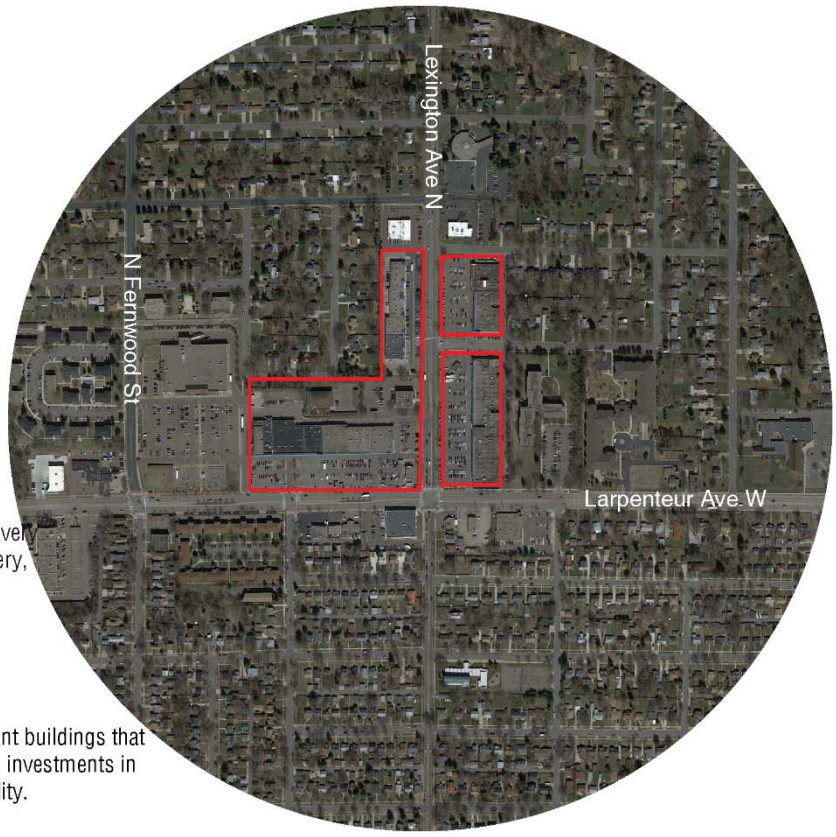
OPPORTUNITY AREA: LEXINGTON AND LARPENTEUR

Overall Acerage
17 Acres

Current Land Use
Commercial

Future Land Use
Corridor Mixed Use

Redevelopment
The area was developed as a small-scale strip retail area and is currently not seeing its full potential in use and tax revenue generation. This redevelopment area will be focused on the creation of community amenities to help meet the needs of the surrounding single family housing. It curerntly has strong tennant anchors in the very popular Key's Cafe, nearby Cub Foods grocery, and the redevelopment on the south side of Larpenteur Avenue with the CVS Pharmacy.



Issues
This area has a number of aging multi tennant buildings that will require reinvestment to capitalize on the investments in local road infrastructure to improve walkability.







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OPPORTUNITY AREA: PACAL BUSINESS CENTER

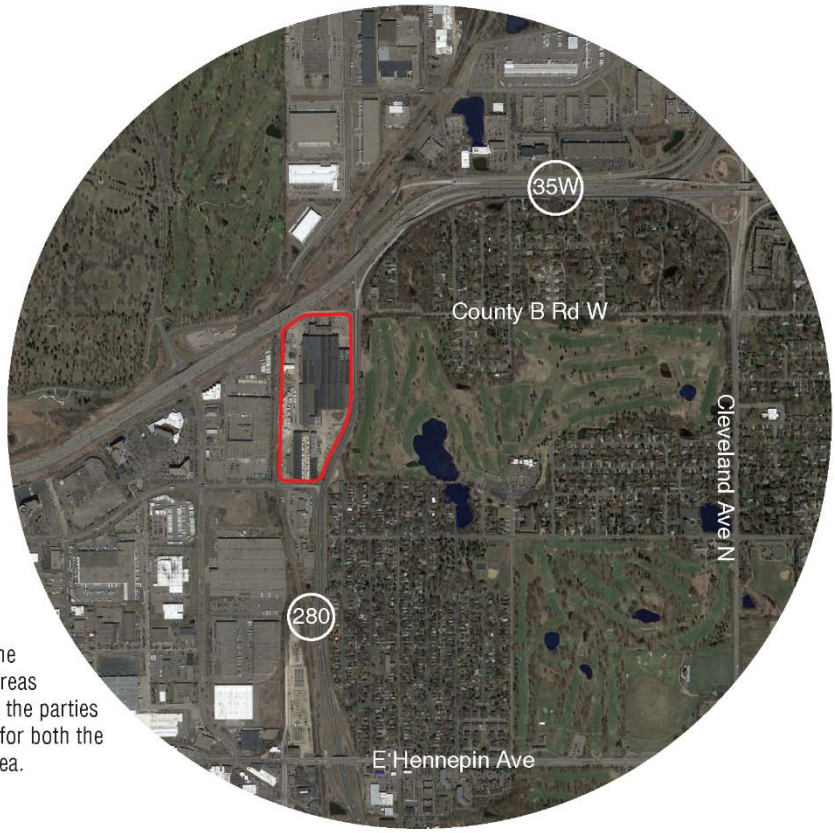
Overall Acerage
27 Acres

Current Land Use
Industrial

Future Land Use
Industrial

Redevelopment
This area is located to the west of Highway 280 and consists of an older manufacturing facility that has been divided into different business operations.

Issues
This area does have limited access, making the redevelopment more difficult than the other areas identified in Roseville. The City will work with the parties involved with any redevelopment if the goals for both the City and developer are in alignment for the area.









CHAPTER 7: TRANSPORTATION

Chapter 7 includes the following information:

1. Introduction
2. Transportation Glossary
3. Summary of Regional Strategies
4. Existing Roadway System
5. Future Roadway System
6. Existing and Planned Non-Motorized Transportation Network
7. Freight
8. Transit
9. Aviation
10. Goals and Strategies

1. INTRODUCTION

The City of Roseville boasts a robust, complex, multi-modal transportation system that includes facilities for vehicles, freight, walking, bicycling, and transit. These facilities are operated by a number of agencies including the City of Roseville, Ramsey County, the Minnesota Department of Transportation and the Minnesota Commercial Railway (MNNR). Metro Transit also provides local and regional transit service in and around the City of Roseville.

This transportation chapter has been prepared in compliance with State of Minnesota Statutes and applicable Metropolitan Council guidelines. As part of this Plan, the City has reviewed existing and future conditions for each mode and identified safety, operations, and network improvements that will be important to address over the 2040 planning horizon. The City has also developed goals and strategies to preserve and improve the transportation system.

2. TRANSPORTATION GLOSSARY

BNSF Railway: (Formerly Burlington Northern Santa Fe Railway) Owner of all railroad tracks within Roseville.

CIP: Capital Improvement Plan – five-year plan for capital investments in the transportation system and in other capital assets owned by the City (equipment, buildings, etc.).

CR: County Road – county-owned roadway that does not receive State funding.

Critical Crash Rate: Statistical indicator of a safety problem at a location. If crash rates at a location are above the critical crash rate, it indicates that the location has a crash rate that is statistically significant compared to similar roadways.

CSAH: County State Aid Highway – county-owned roadway that receives State Aid funding.

MnDOT: Minnesota Department of Transportation.

MNNR: Minnesota Commercial Railway – Operator of freight trains on all railroads within Roseville.

RBTN: Regional Bicycle Transportation Network – existing and planned regional bicycle network established by the Metropolitan Council.

TH: Trunk Highway – State highway owned and operated by MnDOT.

TPP: Transportation Policy Plan – Regional transportation plan for the Twin Cities metropolitan region, developed by the Metropolitan Council.

3. Summary of Regional Strategies

This chapter has been prepared to be consistent with the regional transportation strategies outlined in the Metropolitan Council 2040 Transportation Policy Plan (TPP). The TPP evaluates the existing transportation system, identifies transportation challenges to the region, and sets regional goals, objectives, and priorities to meet the transportation needs of current residents while accommodating the region's anticipated growth. The TPP also guides local agencies in coordinating land use and transportation and establishes regional performance measures and targets.

The TPP is guided by the following goals:

- **Transportation System Stewardship:** Sustainable investments in the transportation system are protected by strategically preserving, maintaining, and operating system assets.
- **Safety and Security:** The regional transportation system is safe and secure for all users.
- **Access to Destinations:** People and businesses prosper by using a reliable, affordable, and efficient multi-modal transportation system that connects them to destinations throughout the region and beyond.
- **Competitive Economy:** The regional transportation system supports the economic competitiveness, vitality, and prosperity of the region and State.
- **Healthy Environment:** The regional transportation system advances equity and contributes to communities' livability and sustainability while protecting the natural, cultural, and developed environments.
- **Leveraging Transportation Investment to Guide Land Use:** The region leverages transportation investments to guide land use and development patterns that advance the regional vision of stewardship, prosperity, livability, equity, and sustainability.

Funding is a key constraint that is acknowledged in the TPP. Current transportation revenue will not meet the region's transportation needs through 2040. As a result, the TPP includes two long-term investment scenarios: a fiscally-constrained scenario that identifies projects anticipated to be funded based on current revenue projections, and an increased revenue scenario that identifies project priorities should additional transportation funding become available.

Under the current revenue scenario, the TPP is focused on operations and maintenance of the existing transportation system. Investments in highway

mobility and access are limited to those projects that address multiple TPP goals and objectives. The increased revenue scenario would allow additional investments in operations and maintenance, as well as regional mobility, access, safety, and bicycle/pedestrian improvements. However, congestion cannot be greatly reduced under even the increased revenue scenario. Under both scenarios, proposed investments are focused on areas of the metro with the greatest existing and future challenges and anticipated growth.

The Metropolitan Council classifies Roseville under the Urban Community Designation. Based on *Thrive MSP 2040*, Urban areas are expected to plan for forecasted population and household growth at average densities of at least ten units per acre for new development and redevelopment. These communities are also expected to target opportunities for more intensive development near regional transit investments.

4. Existing Roadway System

The sections below provide information about the existing roadway system in Roseville, including existing number of lanes, existing roadway jurisdiction, existing functional classification, existing traffic, existing safety, and access management. This section also includes summary recommendations from recent plans and corridor studies.

Functional Classification

The functional classification system groups roadways into classes based on roadway function and purpose. Functional classification is based on both transportation and land use characteristics, including roadway speeds, access to adjacent land, connection to important land uses, and the length of trips taken on the roadway.

The **functional classification system** organizes a roadway and street network that distributes traffic from local neighborhood streets to collector roadways, then to minor arterials, and ultimately the principal arterial system. Roads are placed into categories based on the degree to which they provide access to adjacent land and mobility for through traffic. Functional classification gives an indication of the relative hierarchy of roadways in the transportation network.

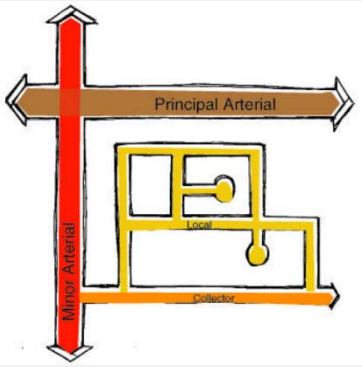


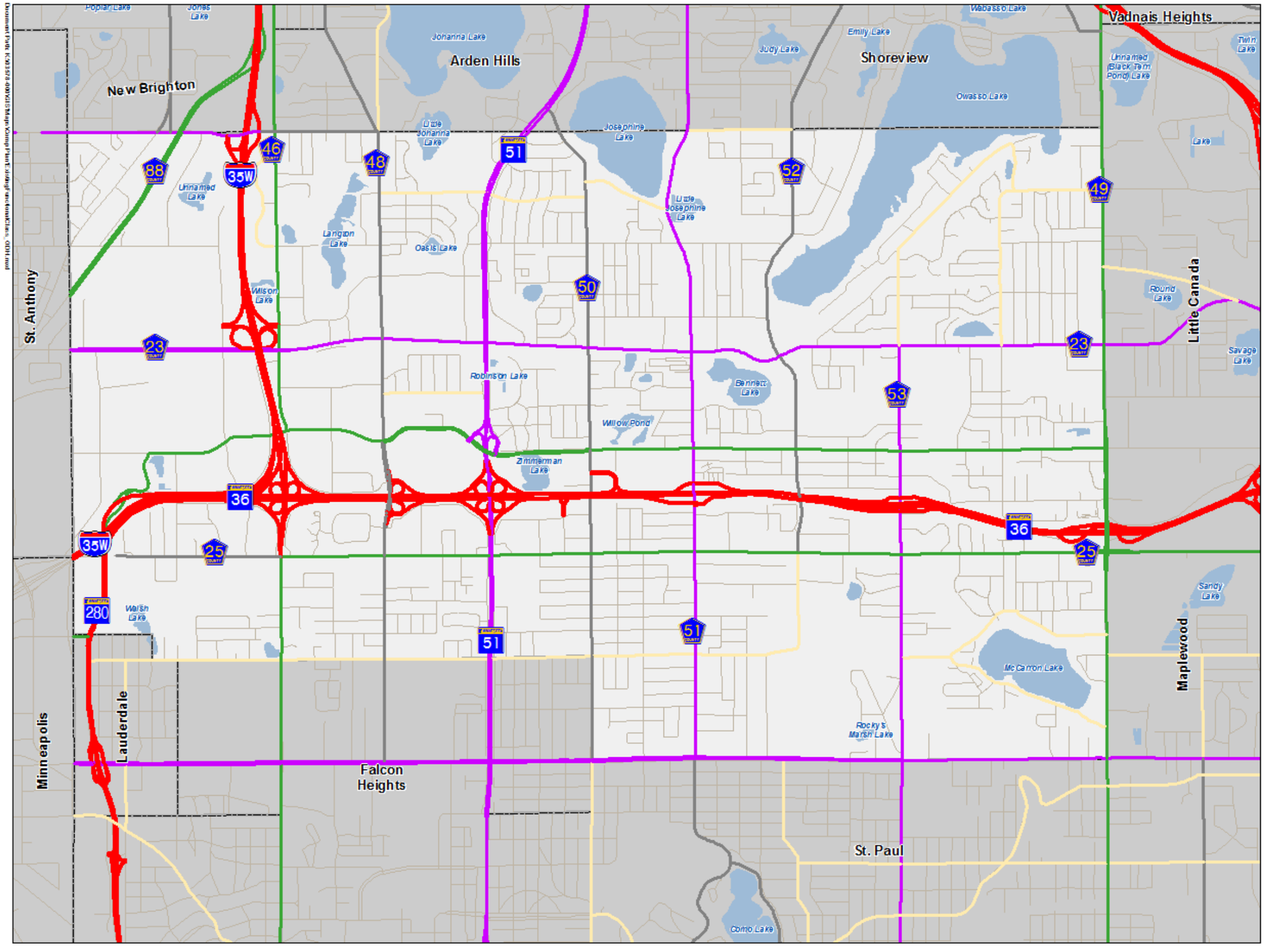
Image: MnDOT

Four classes of roadways are included in the seven-county metropolitan area functional classification system: principal arterials, minor arterials, collector streets, and local streets. Map 7-1 shows the existing functional classification of each road in the City of Roseville and Map 7-2 shows the existing roadway jurisdiction. The following sections describe each functional class in greater detail and indicate which roadways fall into each classification.

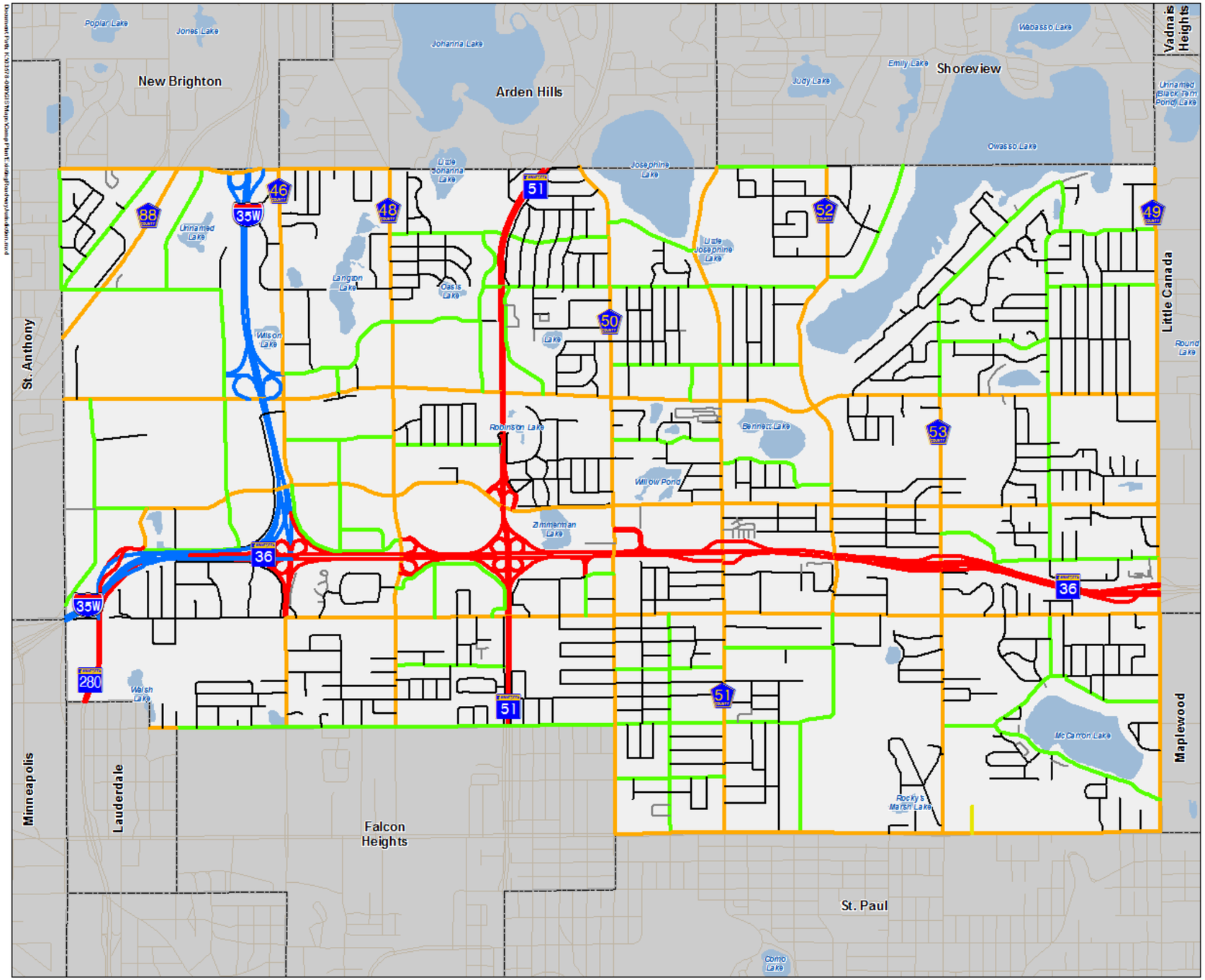
A note on transportation plan strategies:

To assist in implementing this Plan, mode-specific strategies have been prepared and are described in detail in Section 10 of this Chapter. Key strategies are also shown on Maps 7-17 and 7-18.

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MAP 7-1 EXISTING FUNCTIONAL CLASSIFICATION



MAP 7-2 EXISTING ROADWAY JURISDICTION

Principal Arterials

Principal arterials are roadways that provide the greatest level of mobility and access control. Within the metropolitan area, the great majority of principal arterials are under MnDOT jurisdiction. Principal arterials are typically Interstate highways or other state or US freeways or expressways. These facilities are intended to serve trips greater than eight miles and express transit trips. Spacing of principal arterials varies within developing areas of the metropolitan area. Typically, these facilities are spaced between two and six miles apart. These facilities connect regional business and commercial concentrations, transportation terminals, and large institutions within the metropolitan area. Principal arterials also connect to other cities, regions, and states outside of the metropolitan area.

Principal arterials are intended to maintain average speeds of 40 mph during peak traffic periods. To maintain mobility and speeds on principal arterials, land access and transportation system connections are limited. There is little to no direct land access from principal arterials. Intersections are limited to interstate freeways, other principal arterials, and "A" Minor arterials. Access points are typically grade-separated or controlled with a signal and are spaced one to two miles apart.

Three existing principal arterials are located within the City of Roseville. MnDOT Interstate (I-) 35W crosses through the western portion of the city. I-35W connects Minneapolis with Roseville, New Brighton, Arden Hills, and Blaine. Trunk Highway (TH) 36 runs east-west through Roseville, connecting from (and joining with) I-35W in the west to the cities of Little Canada, Maplewood, North St. Paul, and Stillwater to the east. TH 280 connects I-35W in the southwestern portion of the city to I-94 to the south. The 2040 Transportation Policy Plan does not propose any additional principal arterials within the city.

Minor Arterials

Minor arterials maintain a focus on mobility, but provide more land access than principal arterials. Within Roseville, all minor arterials are under the jurisdiction of MnDOT or Ramsey County with the exception of a short segment of Broadway Street along the southwestern border, which is under the City's jurisdiction. Minor arterials are intended to serve trips of four to eight miles in length. Within developing areas of the metro, these facilities are spaced between one and two miles apart. Minor arterials connect cities and towns within the region and link to regional business and commercial concentrations. Access points along minor arterials are generally at-grade and typically controlled with signals or stop signs.

During peak traffic, minor arterials in developing areas are intended to maintain 30 mph average speeds. As a result, transportation system connections are limited to interstate freeways, other principal arterials, other minor arterials, collectors, and some local streets. Land access is limited to concentrations of commercial

and industrial land uses. The Metropolitan Council has established a system of "A" Minor and "B" Minor arterials. "A" Minor arterials are eligible for federal funding administered by the Metropolitan Council.

The Metropolitan Council has further split "A" Minor arterials into four types, described below:

- Relievers: Arterials located parallel to congested principal arterials. The purpose of "A" Minor Relievers is to provide additional capacity in congested corridors.
- Augmenters: Arterials that supplement the principal arterials system within urban centers and urban communities.
- Expanders: Arterials that supplement principal arterials in less-densely developed areas of the metro area.
- Connectors: Arterials that provide connections between rural towns and connect rural areas with the principal arterial system.

There are six "A" Minor Augmenters and eight "A" Minor Relievers within Roseville:

"A" Minor Augmenters:

- Snelling Avenue (TH 51)
- County Road D (County State Aid Highway (CSAH) 19) west of I-35W
- County Road C (CSAH 23)
- Larpenteur Avenue (CSAH 30)
- Lexington Avenue (CSAH 51)
- Dale Street (CSAH 53)

"A" Minor Relievers:

- New Brighton Boulevard (CSAH 88)
- Cleveland Avenue (CSAH 46)
- Rice Street (CSAH 49)
- St. Croix Street/Terminal Road (CSAH 24)
- County Road B2 (CSAH 78)
- County Road B2 (County Road (CR) 111)
- County Road B (CSAH 25) east of Cleveland Avenue (CSAH 46)
- Broadway Street

"B" Minor arterials have a similar focus on mobility above land access. These roadways connect major traffic generators in the region. "B" Minor arterials are not eligible for federal funding. "B" Minor arterials within the city include the following:

- County Road B west of Cleveland Avenue (CSAH 46)
- County Road D between I-35W and Fairview Avenue (CSAH 48)
- Fairview Avenue (CSAH 48)
- Hamline Avenue (CSAH 50)
- Victoria Street (CSAH 52)

No additional minor arterials are proposed within Roseville at this time.

Collectors

Collector roadways provide linkages to larger developments and community amenities. They generally do not link communities to one another. Collector roadways generally favor access to the system over mobility, but try to balance the two competing needs. Collector roadways are generally lower speed than the principal or minor arterial routes. Collector roadways are often owned and operated by cities, although counties operate some of these facilities. Within Roseville, most collector roadways are owned and maintained by the City. Collectors are intended to serve trips of one to four miles in length. Collectors link minor arterials, other collectors, and local streets.

Local Roadways

The primary function of local roadways is land access. Local roadways connect individual land parcels with other local roadways and collectors. Trips on local roadways are typically under two miles. Speeds on local roadways are typically low. Longer trips are facilitated by local roadway connections to the collector and arterial systems. Local roadways are under the jurisdiction of the City of Roseville. Local roadways are all roadways that are not arterials or collectors.

Planned Functional Classification

Several functional classification changes are recommended in response to changes in traffic patterns, development patterns, and increased population and employment in the city. Planned functional classification changes are listed below.

In recognition of the actual role that the roadway serves, and in order for this segment to be eligible for federal transportation grants, the City proposes to change the following segment **from a B-Minor Arterial to an A-Minor Reliever**:

- Fairview Avenue north of County Road B

Recognizing a change in role since the termination of this roadway segment prior to Trunk Highway 280 the City proposes to change the following segment from a B-Minor Arterial to a collector:

- County Road B west of Cleveland Avenue

Collectors were previously divided into "major" and "minor" collectors within the city; however, the City of Roseville proposes defining all major and minor collectors simply as "collectors." Collectors within Roseville include the following:

- Lydia Avenue
- Josephine Road
- County Road D (between Lexington Avenue and Victoria Street)
- Dale Street and South Owasso Boulevard (north of County Road C)
- Western Avenue (north of County Road C)
- Roselawn Avenue
- Victoria Street between Roselawn Avenue and County Road B
- McCarrons Boulevard North
- McCarrons Boulevard South

The City proposes identifying all streets on the Municipal State Aid System as collector roadways, and therefore, changing the following roadways from local streets to collectors:

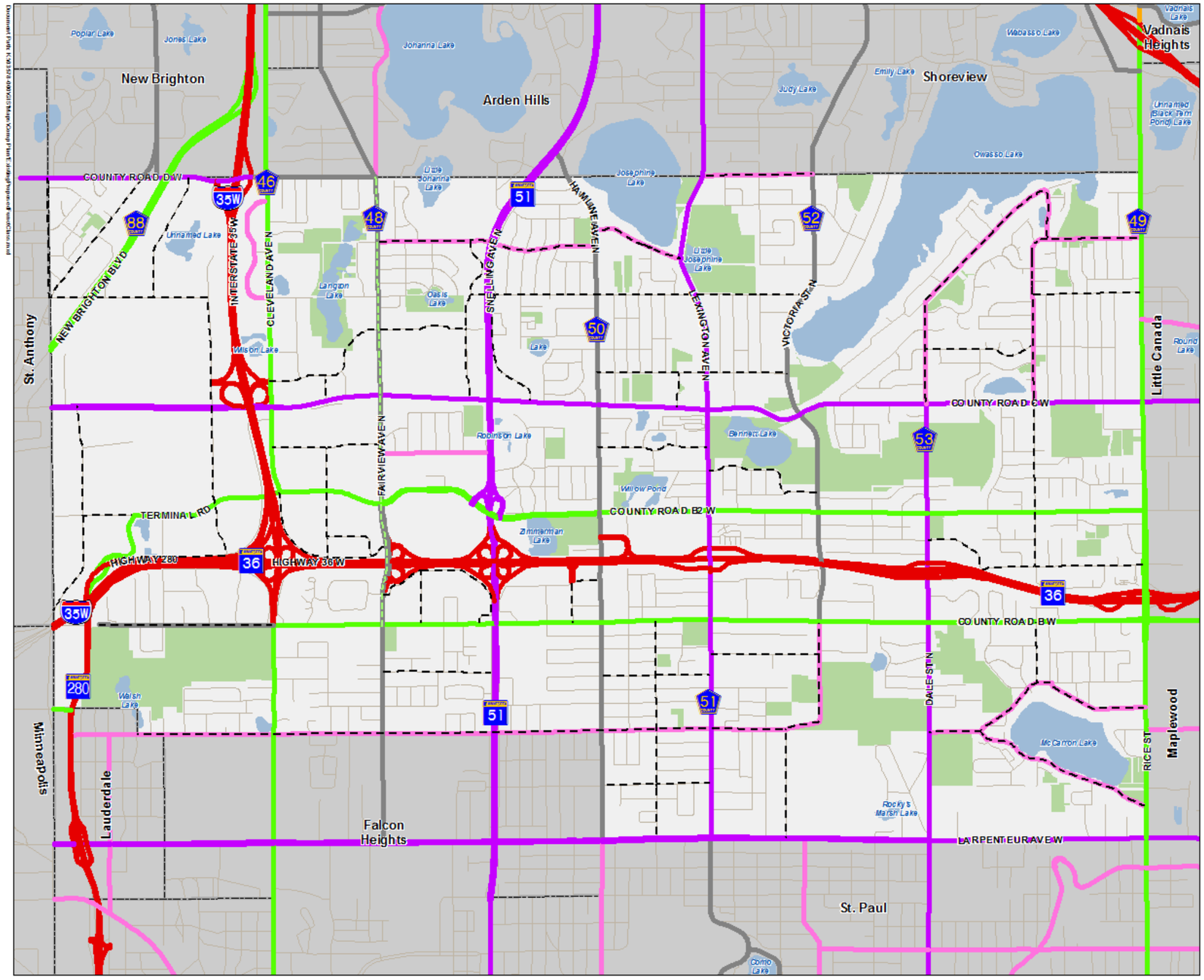
- Old Highway 8
- Long Lake Road
- County Road C2 from the St. Anthony border to Long Lake Road, from Lincoln Drive to Victoria Street, and from Western Avenue to Rice Street
- Walnut Street
- Terminal Road west of St. Croix Street
- Rosegate west of Long Lake Road
- Cleveland Avenue between Terminal Road and Fairview Avenue
- Prior Avenue north of TH 36
- Perimeter Drive
- Oakcrest Avenue from Cleveland Avenue to Fairview Avenue and from Hamline Avenue to Lexington Avenue
- Twin Lakes Parkway
- Terrace Drive
- Lincoln Drive
- East Snelling Service Drive
- Woodhill Drive
- Civic Center Drive
- Iona Lane between Dale Street and Western Avenue
- South TH 36 Frontage Road/West Snelling Drive
- Herschel Avenue

- Skillman Avenue from Fairview Avenue to Snelling Avenue and from Hamline Avenue to Lexington Avenue
- Albert Street between County Road B and Commerce Street
- Commerce Street east of Albert Street
- Fernwood Street south of County Road B
- Garden Avenue
- Brooks Avenue east of Lexington Avenue
- Transit Avenue east of Brooks Avenue
- Parker Avenue west of Victoria Street
- Victoria Street south of Roselawn Avenue
- Western Avenue from North McCarrons Boulevard to County Road B and from Minnesota Avenue to County Road C
- Lovell Avenue from Dale Street to Minnesota Avenue
- Minnesota Avenue east of Lovell Street

MAP 7-3 below provides a map illustrating the existing and planned functional classification system for Roseville.

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Map 7-3 Existing and Planned Functional Classification



Existing Functional Class Roads

- Principal Arterial
- A Minor Augmentor
- A Minor Reliever
- A Minor Expander
- A Minor Connector
- Other Arterial
- Major Collector*

Proposed Functional Class Roads

- Proposed A Minor Reliever
- Proposed Collector
- Roseville Boundary

* It is recommended to define all major & minor collectors as "Collector".

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Existing Roadway Capacity and Safety

Roadway capacity and roadway safety are two key indicators of how well the roadway system is meeting the city's transportation needs. The sections below provide information to better understand capacity and safety issues within Roseville.

Existing Roadway Capacity

A roadway's capacity indicates how many vehicles may use a roadway before it experiences congestion. Capacity is largely dependent upon the number of lanes and whether or not a roadway is divided. TABLE 7-1 below lists planning level thresholds that indicate a roadway's capacity. Additional variation (more or less capacity) on an individual segment is influenced by a number of factors including: amount of access, type of access, peak hour percent of traffic, directional split of traffic, truck percent, opportunities to pass, amount of turning traffic, availability of dedicated turn lanes, parking availability, intersection spacing, signal timing and a variety of other factors.

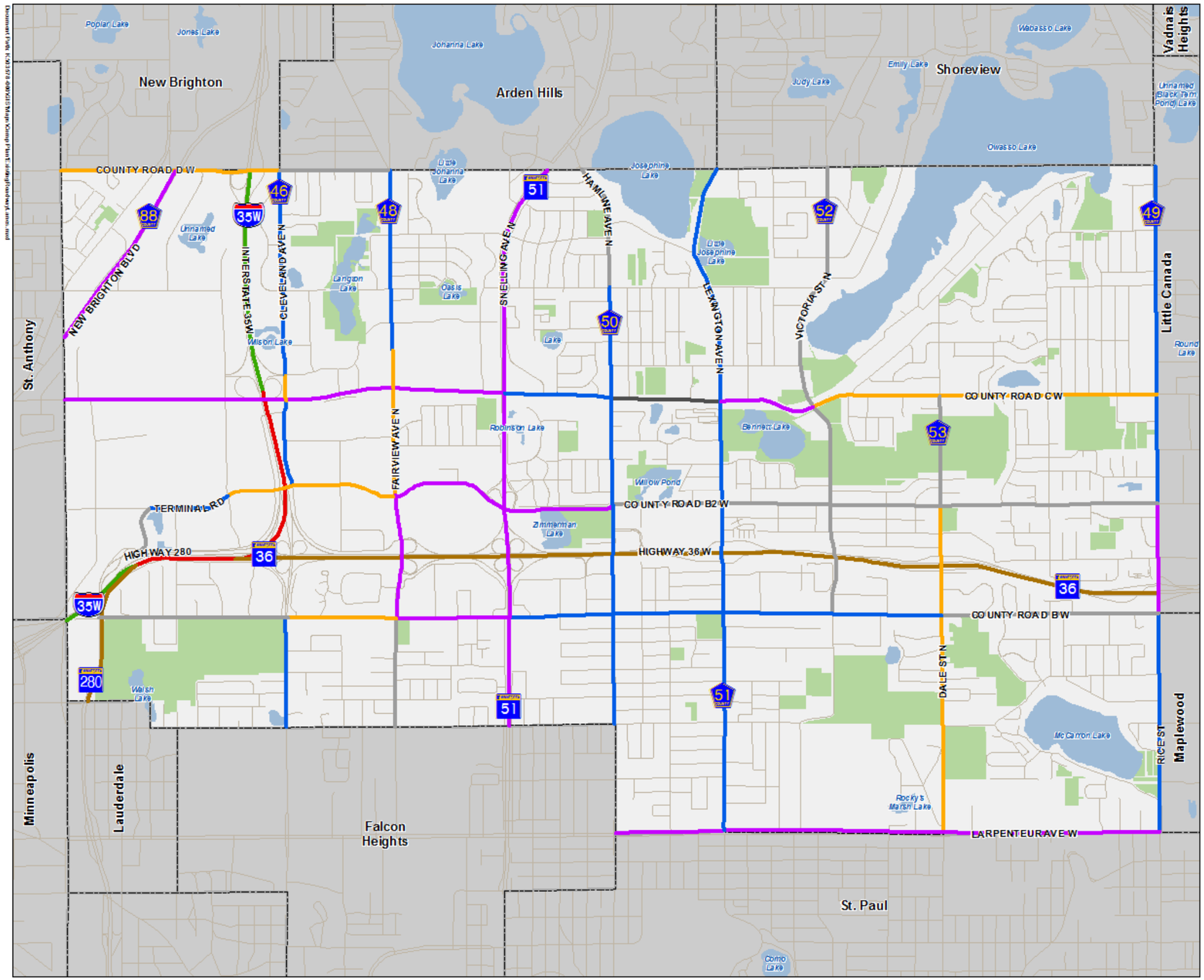
TABLE 7-1 PLANNING LEVEL URBAN ROADWAY CAPACITIES

Facility Type		Daily Two-way Volume	
		Lower Threshold	Higher Threshold
Arterials	Two-lane Undivided	10,000	12,000
	Two-lane Divided or Three-lane Undivided	15,000	17,000
	Four-lane Undivided	18,000	22,000
	Four-lane Divided or Five-lane Undivided	28,000	32,000
Freeways	Four-lane Freeway	60,000	80,000
	Six-lane Freeway	90,000	120,000
	Eight-lane Freeway or Higher	Calculated on a segment-by-segment basis	

Existing Capacity Problems on Arterial Roads

At the planning level, capacity problems are identified by comparing the existing number of lanes with current traffic volumes. MAP 7-4[1] illustrates the existing number of lanes on arterial roadways within the city. MAP 7-5 illustrates existing traffic volumes on Principal Arterial, A-Minor Arterials and other significant roadways within Roseville. MAP 7-6 illustrates existing levels of service on these roadways, based on volume-to-capacity ratios.

[1] NOTE: MAPS 4 through 10 depict arterial roadway classifications and higher only.



MAP 7-4 EXISTING NUMBER OF LANES

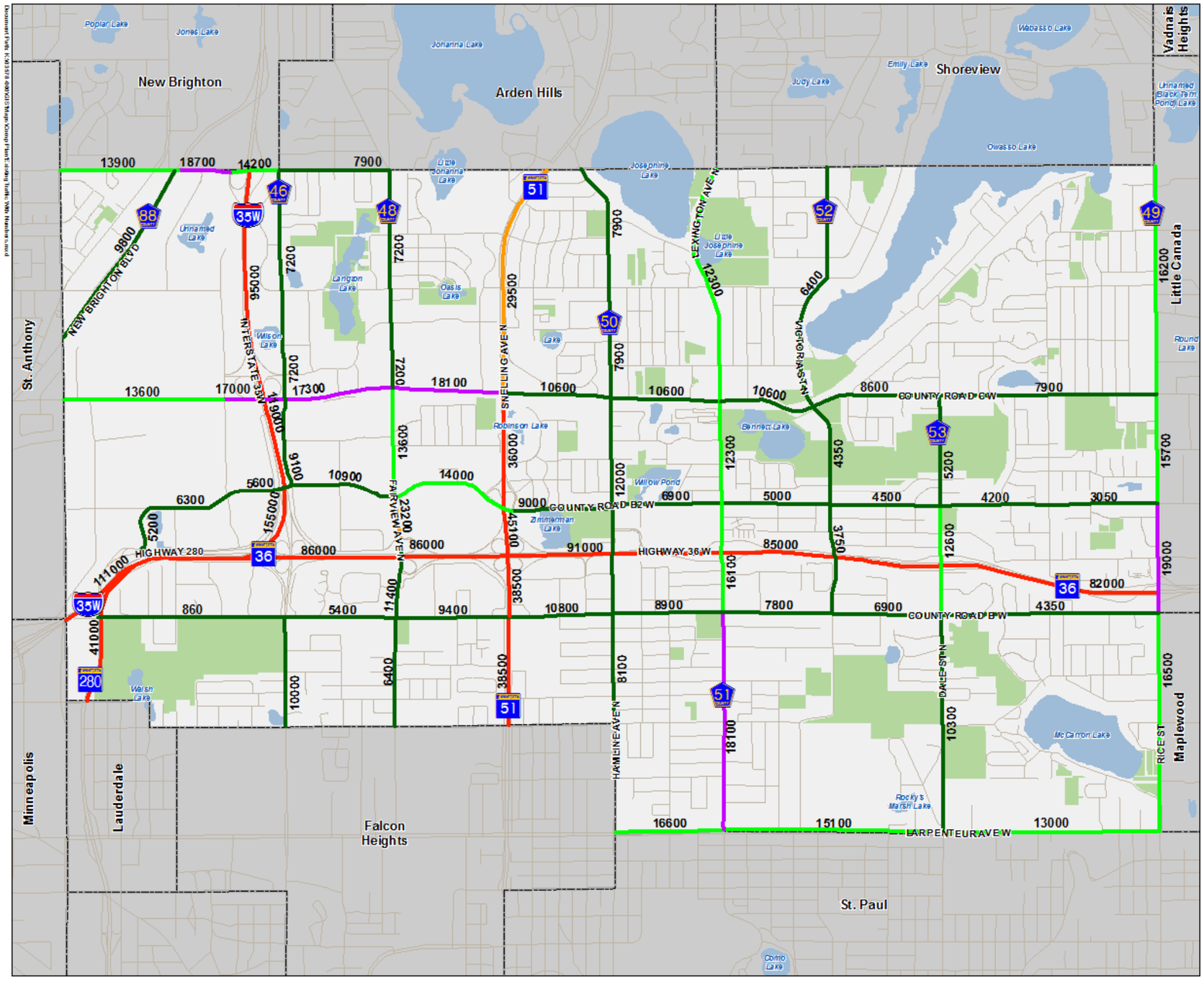
Existing Roadway Lanes

- 2 lane divided
- 2 lane undivided
- 3 lane undivided
- 4 lane divided
- 4 lane undivided
- 4 lane freeway
- 6 lane freeway
- 8 or more lane freeway
- Roseville Boundary

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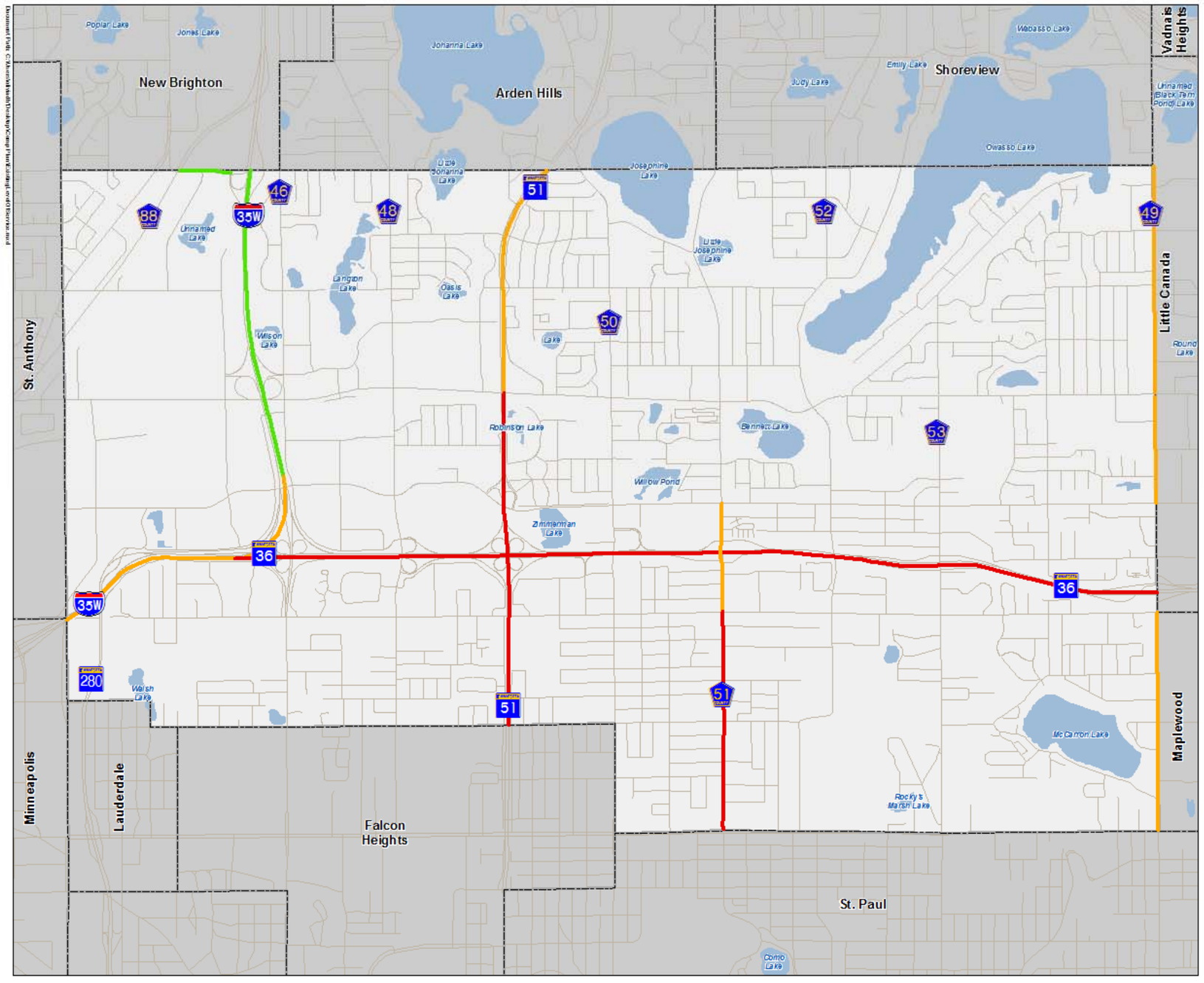
Average Daily Traffic (ADT)

- 1,000 - 12,000
- 12,001 - 17,000
- 17,001 - 22,000
- 22,001 - 32,000
- > 32,000
- Roseville Boundary

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MAP 7-5 EXISTING TRAFFIC VOLUMES



MAP 7-6 EXISTING LEVELS OF SERVICE

Existing Level of Service

- D — Higher density traffic restricts maneuverability (.76 to .90 v/c)
- E — Low speeds, considerable delays (.91 to .99 v/c)
- F — Very low speeds and long delays with stop-and-go traffic (≥ 1.0 v/c)
- Roseville Boundary

Planning Level Urban Roadway Capacities

	Facility Type	Daily Two-way Volume: Lower Threshold	Daily Two-way Volume: Higher Threshold*
Arterials	Two lane undivided	10,000	12,000
	Two lane divided or Three lane undivided	15,000	17,000
	Four lane undivided	18,000	22,000
	Four lane divided or five lane undivided	28,000	32,000
Freeways	Four lane freeway	60,000	80,000
	Six lane freeway	90,000	120,000
	Eight lane freeway or higher	Calculated on a segment by segment basis	

*Higher Threshold is used in this analysis for calculating LOS

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TABLE 7-2 EXISTING NUMBER OF LANES ON ARTERIAL ROADS

Functional Classification	Roadway Name	Location	Number of Lanes
Principal Arterial	I-35W	Roseville-St. Anthony Village border to Roseville-New Brighton border	6-8
	TH 36	I-35W to Roseville-Little Canada border	4-8
	TH 280	Roseville-Lauderdale border to I-35W	4
"A" Minor Augmenter	Snelling Avenue	Roseville-Falcon Heights border to Roseville-Arden Hills border	4
	County Road D	Roseville-St. Anthony Village border to I-35W	4
	County Road C	Roseville-St. Anthony Village border to Roseville-Little Canada border	2-4
	Larpenteur Avenue	Roseville-Falcon Heights border to Roseville-Maplewood border	4
	Lexington Avenue	Roseville-St. Paul border to Roseville-Arden Hills border	3
	Dale Street	Roseville-St. Paul border to County Road C	2-4
"A" Minor Reliever	New Brighton Boulevard	Roseville-St. Anthony Village border to Roseville-New Brighton border	4
	Cleveland Avenue	Roseville-Falcon Heights border to County Road B; and County Road B2 to Roseville-Arden Hills border	3-4
	Rice Street	Roseville-St. Paul border to Roseville-Shoreview border	3-4
	St. Croix Street/Terminal Road	TH 280 to Cleveland Avenue	2-4
	County Road B2	Cleveland Avenue to Dale Street	2-4
	County Road B2	Dale Street to Rice Street	2
	County Road B	Cleveland Avenue to Roseville-Maplewood border	2-4
	Broadway Street	Roseville-Minneapolis border to TH 280	3
"B" Minor Arterial	County Road B	North Eustis Street to Cleveland Avenue	2
	County Road D	I-35W to Fairview Avenue	2-4
	Fairview Avenue	Roseville-Falcon Heights border to Roseville-Arden Hills border	2-4
	Hamline Avenue	Roseville-Falcon Heights border to Roseville-Arden Hills border	2-3

As shown in TABLE 7-2, I-35W/TH 36 are the only arterial roadways located within Roseville that have segments with more than four lanes. All other arterial roadways have four or fewer lanes. Several arterial roadways transition between the number of lanes. In some locations, these roadways have two lanes, four lanes, or three lanes (one travel lane in each direction with a center two-way left-turn lane). Several arterial roadways in Roseville are approaching or exceed the thresholds provided in TABLE 7-1, above, indicating existing periods of congestion on roadways including I-35W, TH 36, Snelling Avenue, Lexington, and Rice Street.

Existing Safety and Operational Issues

There are a number of locations within Roseville where safety and operational issues have been identified for motorists and pedestrians. These locations fall into one of two categories: corridors where congestion has been identified as an issue based on existing and future volumes, and intersections and roadway segments that experience higher crash rates.

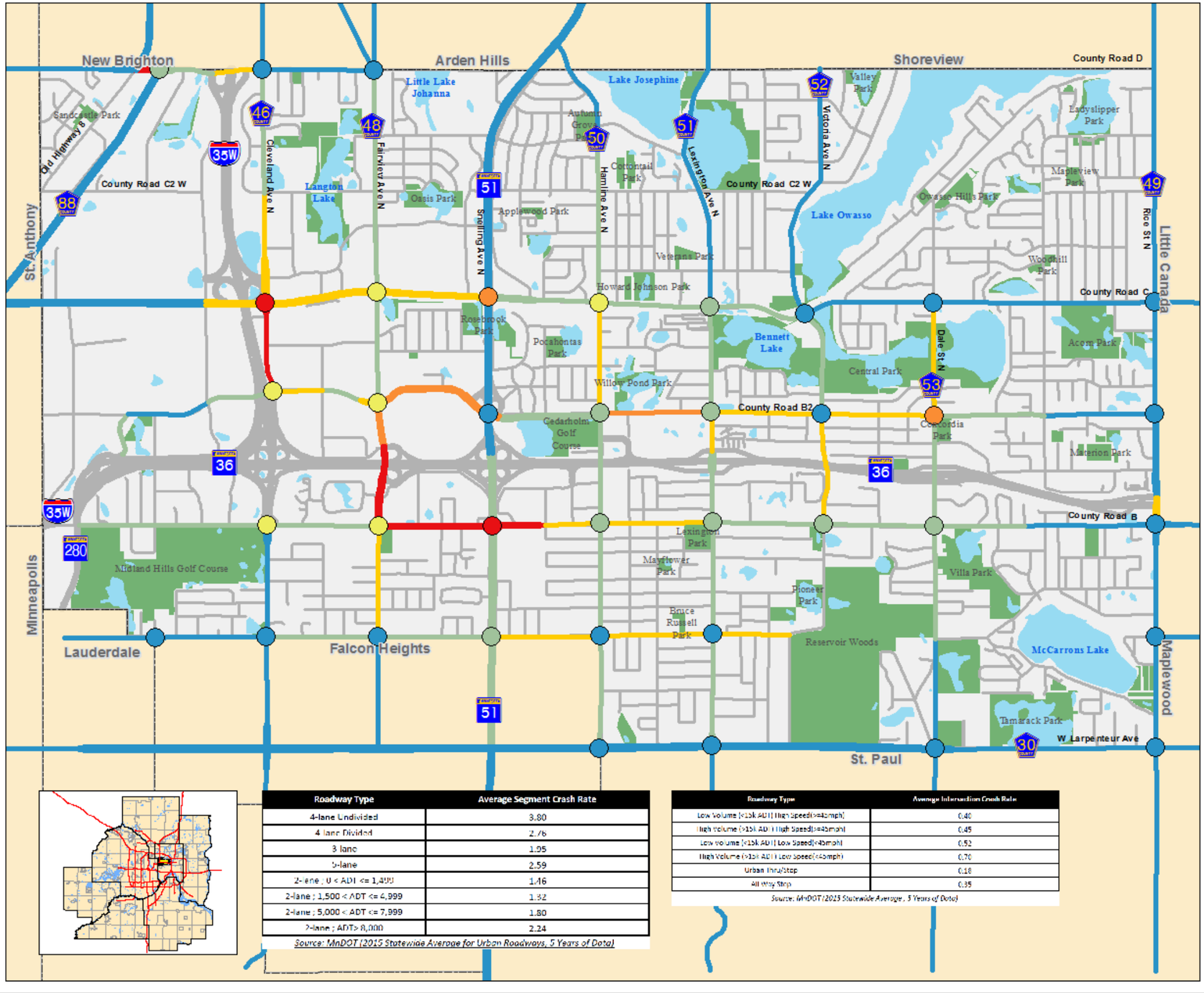
Corridors within Roseville that experience some level of congestion based on existing and forecasted volumes include the following:

- I-35W
- Snelling Avenue
- Lexington Avenue
- Rice Street
- TH 36

Based on a review of crash rates along key minor arterial roadway segments and intersections within Roseville, a number of locations have been identified as exhibiting higher levels of crashes based on 2011 – 2015 data. As shown in MAP 7-7, these locations include:

- Cleveland Avenue and County Road C
- Snelling Avenue and County Road B
- Snelling Avenue and County Road C
- Dale Street and County Road B2
- Cleveland Avenue from County Road C to County Road B2
- Fairview Avenue from County Road B2 to County Road B
- County Road B from Fairview Avenue to east of Snelling Avenue
- County Road B2 from Fairview Avenue to Snelling Avenue
- County Road B2 from Hamline Avenue to Lexington Avenue

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Roadway Type	Average Segment Crash Rate
4-lane Undivided	3.80
4 lane Divided	2.76
3 lane	1.95
5-lane	2.59
2-lane ; 0 < ADT <= 1,499	1.46
2-lane ; 1,500 < ADT <= 4,999	1.32
2-lane ; 5,000 < ADT <= 7,999	1.80
2-lane ; ADT> 8,000	2.24

Source: MnDOT (2015 Statewide Average for Urban Roadways, 5 Years of Data)

Roadway Type	Average Intersection Crash Rate
Low Volume (<15k ADT) High Speed(>45mph)	0.40
High Volume (>15k ADT) High Speed(>45mph)	0.45
Low Volume (<15k ADT) Low Speed(<45mph)	0.52
High Volume (>15k ADT) Low Speed(<45mph)	0.70
Urban Local/Stop	0.18
All Way Stop	0.35

Source: MnDOT (2015 Statewide Average , 5 Years of Data)

MAP 7-7 CRASH RATES ALONG MINOR ARTERIALS AND KEY INTERSECTIONS

NOTE: This Figure displays crash rates for intersections involving key minor arterials.

Crashes per Million Entering Vehicles

- 0.0 - 0.5
- 0.5 - 0.75
- 0.75 - 1.0
- 1.0 - 1.25
- >1.25

Crashes per Million Vehicle Miles

- 0.00 - 3.00
- 3.00 - 6.00
- 6.00 - 9.00
- 9.00 - 12.00
- > 12

Data Source : MnDOT Crash Data

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Access Management

The purpose of access management is to provide adequate access to adjacent land development while maintaining acceptable and safe traffic flow on higher level roadways. Access management consists of carefully controlling the spacing and design of public street intersections and private access points to the public roadway system. Because they are designed for higher speed, longer distance trips, arterials generally have restricted access, while local streets can accommodate much greater access. Collector roadways fall in between arterials and local roadways regarding the amount of access that is permitted.

The agency with jurisdiction over a roadway sets access management guidelines. Access to I-35W, TH 36, Snelling Avenue, and TH 280 must meet MnDOT access management guidelines. See TABLES 7-3 and 7-4 for MnDOT Access Management Guidelines.

It should be noted that there are existing access points within the City that are inconsistent with Ramsey County's draft access management policies. In many cases these access points were established prior to agency access spacing guidelines/policies. In other cases the agency has granted an exception to the existing guidelines. As roadways are reconstructed, and as development or redevelopment occurs, each of these agencies generally works to modify and/or relocate access points that do not meet current access spacing guidelines, recognizing that this may not be feasible in all instances.

MnDOT Access Management Manual

TABLE 7-3 SUMMARY OF RECOMMENDED STREET SPACING FOR IRCS

Category	Area or Facility Type	Typical Functional Class	Public Street Spacing		Signal Spacing
			Primary Full-Movement Intersection	Secondary Intersection	
1	**High Priority Interregional Corridors & Interstate System (IRCs)**				
1F	Interstate Freeway	Principal Arterials	Interchange Access Only		⊘
1AF	Non-Interstate Freeway		Interchange Access Only (see Section 3.2.7 for interim spacing)		See Section 3.2.5 for Signalization on Interregional Corridors
1A	Rural		1 mile	1/2 mile	
1B	Urban/Urbanizing		1/2 mile	1/4 mile	
1C	Urban Core		300-660 feet dependent upon block length		
2	**Medium Priority Interregional Corridors**				
2AF	Non-Interstate Freeway	Principal Arterials	Interchange Access Only (See Section 3.2.7 for interim spacing)		See Section 3.2.5 for Signalization on Interregional Corridors
2A	Rural		1 mile	1/2 mile	
2B	Urban/Urbanizing		1/2 mile	1/4 mile	
2C	Urban Core		300-660 feet, dependent upon block length		¼ mile
3	**Regional Corridors**				
3AF	Non-Interstate Freeway	Principal and Minor Arterials	Interchange Access Only (see Section 3.2.7 for interim spacing)		Interim
3A	Rural		1 mile	1/2 mile	See Section 3.2.5
3B	Urban/Urbanizing		1/2 mile	1/4 mile	1/2 mile
3C	Urban Core		300-660 feet, dependent upon block length		1/4 mile

MnDOT Access Management Manual

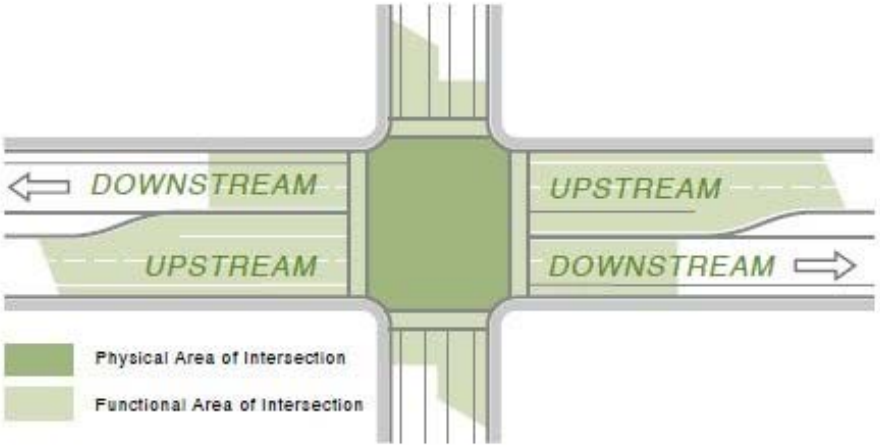
TABLE 7-4 SUMMARY OF RECOMMENDED STREET SPACING FOR NON-IRCS

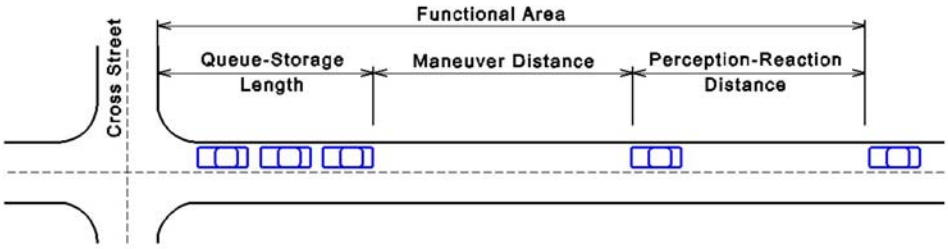
Category	Area or Facility Type	Typical Functional Class	Public Street Spacing		Signal Spacing
			Primary Full-Movement Intersection	Secondary Intersection	
4	**Principal Arterials in the Twin Cities Metropolitan Area and Primary Regional Trade Centers (Non-IRCs)**				
4AF	Non-Interstate Freeway	Principal Arterials	Interchange Access Only (see Section 3.2.7 for interim spacing)		Interim
4A	Rural		1 mile	1/2 mile	See Section 3.2.5
4B	Urban/Urbanizing		1/2 mile	1/4 mile	1/2 mile
4C	Urban Core		300-660 feet dependent upon block length		1/4 mile
5	**Minor Arterials**				
5A	Rural	Minor Arterials	1/2 mile	1/4 mile	See Section 3.2.5
5B	Urban/Urbanizing		1/4 mile	1/8 mile	1/4 mile
5C	Urban Core		300-660 feet, dependent upon block length		1/4 mile
6	**Collectors**				
6A	Rural	Collectors	1/2 mile	1/4 mile	See Section 3.2.5
6B	Urban/Urbanizing		1/8 mile	Not Applicable	1/4 mile
6C	Urban Core		300-660 feet, dependent upon block length		1/8 mile
7	**Specific Area Access Management Plans**				
7	All	All	By adopted plan		

Ramsey County has developed a draft set of access management policies. Rather than a set of specific standards, Ramsey County's draft policies "are intended to apply accepted access management principles in a context-sensitive manner to maximize the possible benefits as development occurs or as existing properties are modified." The draft policies are as follows.

- A parcel has the legal right to one access from a public street. If access can be obtained from an adjacent street, access from a County Road or County State Aid Highway should be directed to the minor street.
- Opportunities to combine or eliminate accesses shall be considered when new accesses are proposed.
- Where feasible, the access spacing standards of the MnDOT Access Management Manual shall be met.
- Where possible, new driveways shall be aligned with existing driveways or streets.

- Any proposed new access or modification of an existing access to a Ramsey County Road or County State Aid Highway requires a County access permit, with approval subject to review by the County Engineer.
- Any change in land use of a property with access to any County Road or County State Aid Highway requires review of the access, in accordance with Minnesota Rules 8810.5200. Existing access is not automatically perpetuated.
- Unless no other option for access to a property exists, access will not be allowed within the functional area of a street intersection, or within the functional area of another existing access. As defined by MnDOT, the functional areas of intersections are defined as follows:
  - On roadways with posted speed limits less than 45 MPH, 435 feet.
  - On roadways with posted speed limits of 45 MPH or greater, 650 feet.
  - The interpretation of the functional area of an intersection shall be made by the County Engineer and adjustments to these distances shall be made, as appropriate, to the particular situation. Diagrams of intersection functional areas are shown below:





- If no access to a parcel can be obtained, except from a County Road or County State Aid Highway, Ramsey County acknowledges that a parcel has the right to one access, subject to approval by the County Engineer. More than one access may be approved, but should not be assumed.

- The need for turn lanes, bypass lanes, medians or median improvements, signage, or any other accommodations necessary for safe operation of an access shall be determined by the County Engineer and incorporated into access permit provisions. All construction costs shall be paid for by the permit applicant. Ramsey County will not contribute to the costs of necessary improvements.
- The need for a Traffic Impact Study for any proposed access shall be determined by the County Engineer. The County Engineer may require installation of any mitigation measures recommended by a Traffic Impact Study.
- The County Engineer may require dedication of access control over the remainder of a parcel as a condition of granting access in a particular location.

Recommendations from Recent Plans and Studies

Several recent planning efforts have been completed that identify potential improvements to Roseville's transportation system. This section describes these studies and summarizes their recommendations.

MnPASS System Study Phases 2 and 3

In 2010, MnDOT completed Phase 2 of its MnPASS system study and is currently updating its list of MnPASS expansion corridors as part of Phase 3. MnPASS-managed lane improvements are intended to help manage congestion by providing new capacity parallel to general purpose traffic lanes, in which all vehicles (except transit) are required to pay a toll. The MnPASS lanes would be priced so that free-flow operation is always maintained by increasing the price as volume in the managed lane increases. During Phase 2, TH 36 and I-35W in Roseville were identified as "Tier 2" corridors to be carried forward for further study and built as financing and approvals are obtained and engineering challenges resolved. The TPP identifies the I-35W MnPASS lane as a funded project and the TH 36 MnPASS lane as an unfunded project in the current revenue scenario.

Roseville Pathway Master Plan

Concurrent to this Comprehensive Plan update, the City of Roseville is updating its Pathway Master Plan, which was first prepared in 2008. The Pathway Master Plan identifies, evaluates, and prioritizes locations for bicycle and pedestrian facilities. Recommendations from the pathway plan update have been incorporated into this Plan where applicable.

A Line Extension Evaluation

In 2016 Metro Transit studied the feasibility of extending the A Line north from its current terminus at the Rosedale Center Mall in Roseville to the City of Arden Hills, connecting with the planned Rice Creek Commons project on the site of the former Twin Cities Army Ammunition Plant (TCAAP). This extension could provide new high-frequency transit service to areas of Roseville not currently served. The study identified a preferred alignment in Roseville along Snelling Avenue with preliminary station locations at County Road C and Lydia Avenue. The study recommended a phased implementation of this extension and identified roles for local communities in the near-term, mid-term, and



long-term. Near-term strategies for communities include implementing pedestrian-friendly development and accounting for BRT when completing local roadway projects. Mid-term strategies include focusing growth and development along the extension corridor and scoping road projects to include civil infrastructure for the A Line extension. Long-term strategies include maximizing development potential along the corridor and partnering in construction of the A Line extension.

5. Future Roadway System

This section addresses future roadway improvement needs and roadway design guidelines.

Roadway Capacity – Traffic Forecasting

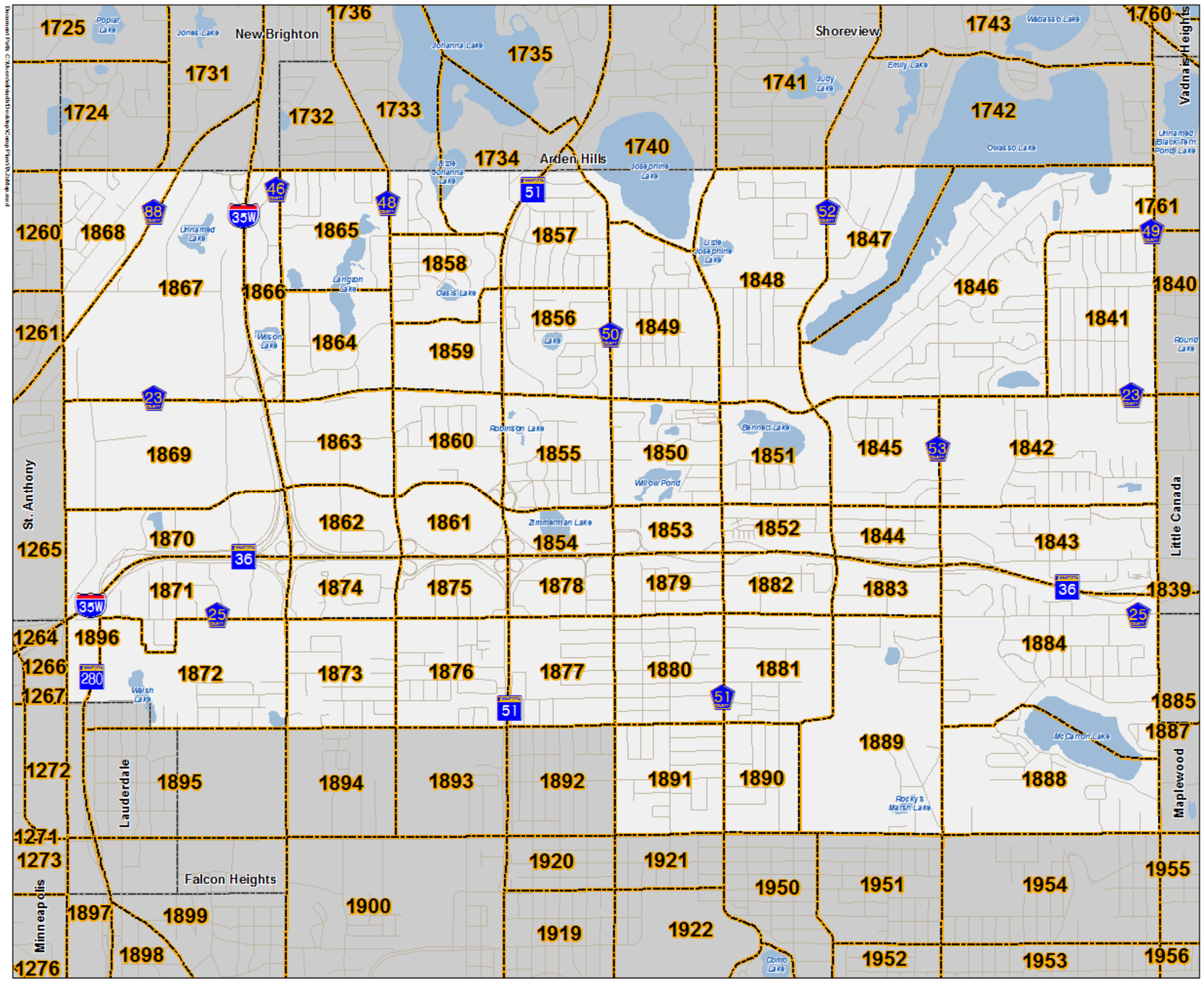
To determine future roadway capacity needs, year 2040 traffic forecasts were prepared using the Metropolitan Council travel demand model. The 2040 projections were compared against the assumed 2040 roadway network to see where roadway segment capacity deficiencies may result. The 2040 roadway network assumed for this analysis is the same as the current roadway network; however, the Current Revenue Scenario includes the installation of MnPASS lanes on I-35W north of TH 36. The City and County Capital Improvement Plans (CIPs) do not include any projects that add significant capacity to the roadway network.

A central concept of travel demand forecasting is the use of Transportation Analysis Zones (TAZs). Each forecast study area, the City of Roseville in this case, is divided into a series of TAZs. Each TAZ has socio-economic population, employment, and household data that is used by the model to assign trips to the various network roadways. Map 7-8 displays Metropolitan Council TAZs within Roseville. The results of the Metropolitan Council travel demand model process are summarized in Map 7-9 and 7-10, which displays Metropolitan Council 2040 projected average daily traffic volumes compared to the existing traffic volumes.

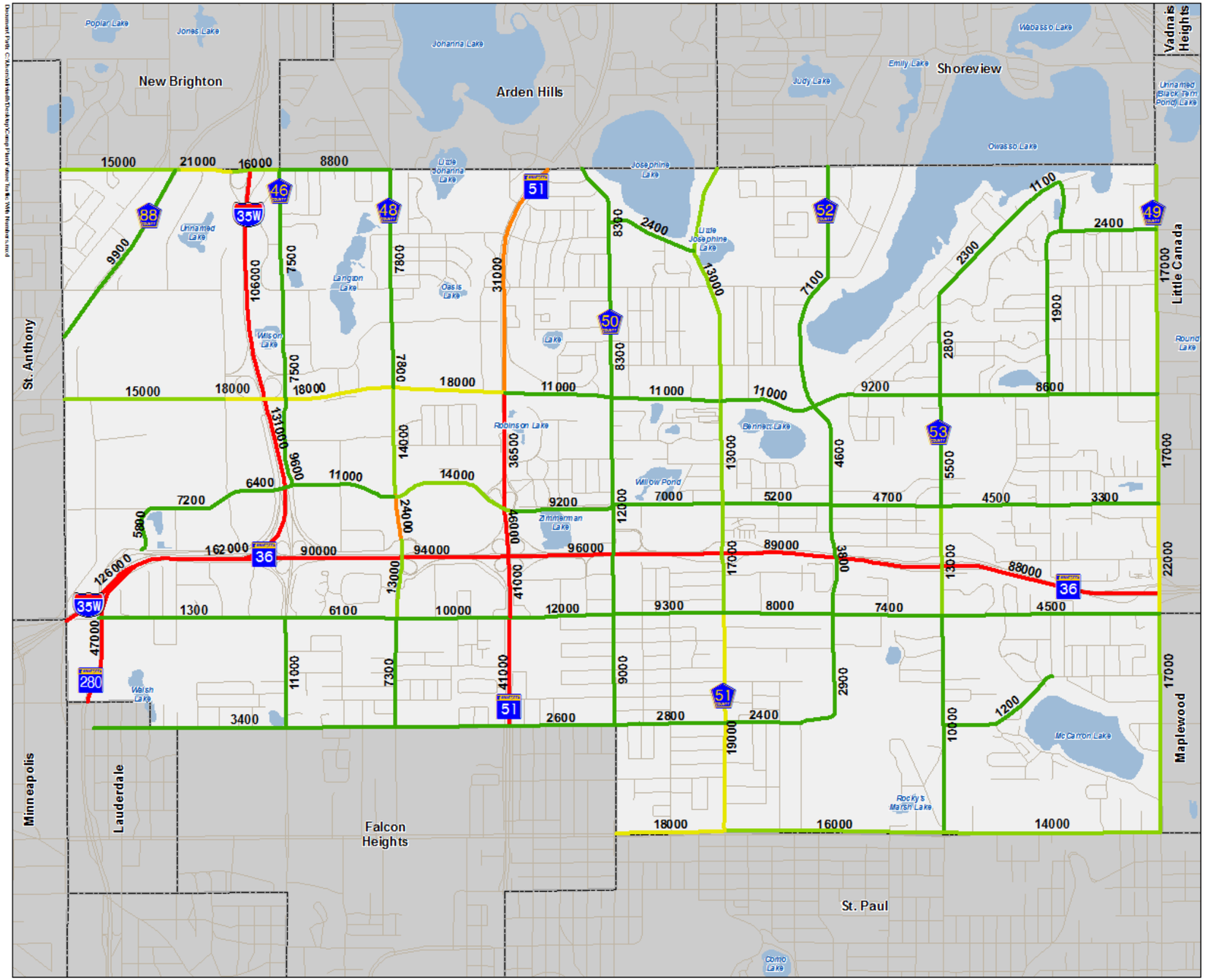
Table 7-5 provides population, household, and employment allocations by TAZ based on an analysis of the Roseville 2040 Land Use Plan. The values provided in Table 7-5 can be used by the Metropolitan Council to assist in allocating socio-economic data in Roseville for future updates to the regional travel demand model.

While the travel demand model is a valuable tool for identifying future traffic based on the proposed land use impacts, it is not meant for use in detailed traffic operations studies. For a more accurate representation of the transportation impacts from specific developments, detailed traffic studies should be conducted to determine the operational impacts on adjacent roadways and intersections.

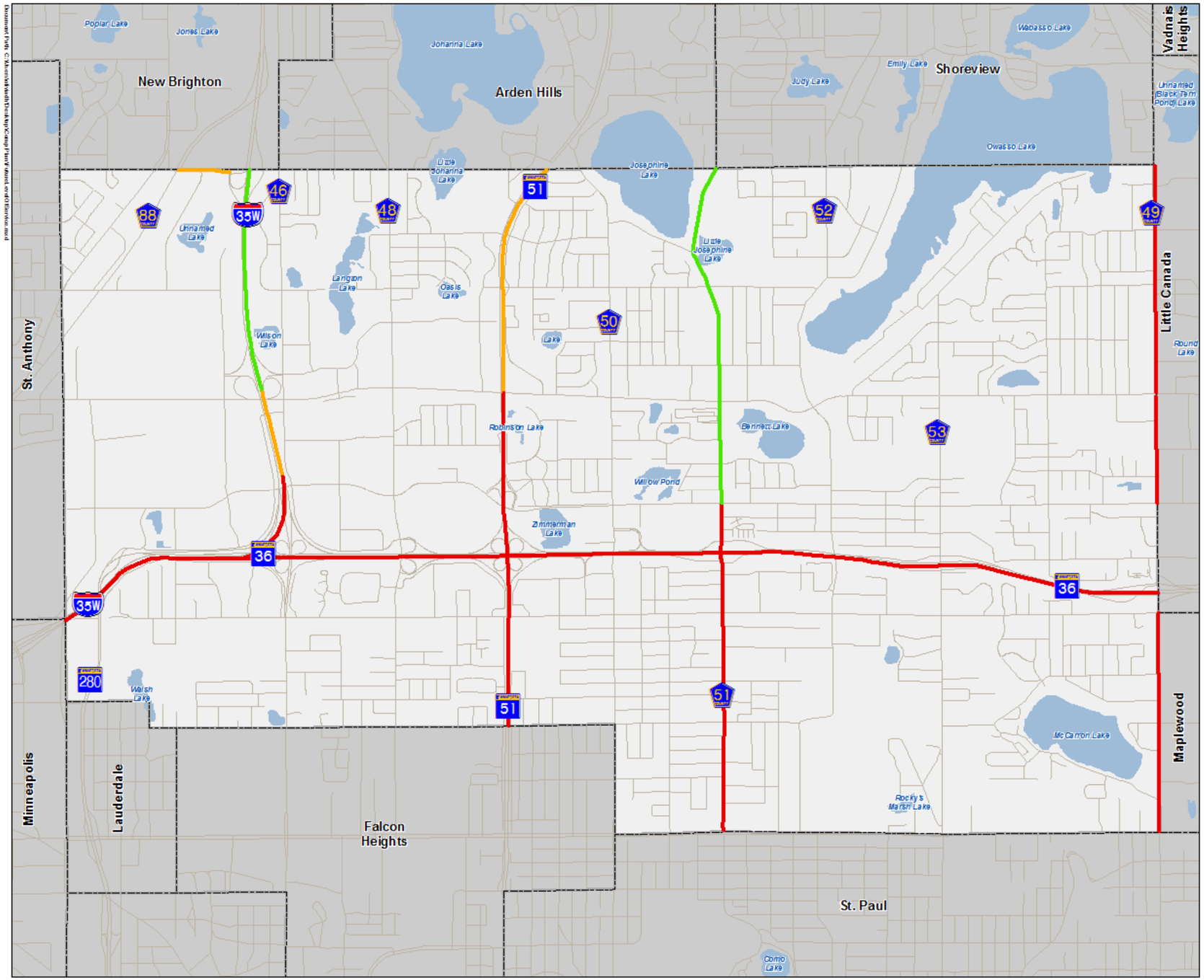
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MAP 7-8 ROSEVILLE TAZS – METROPOLITAN COUNCIL



MAP 7-9 EXISTING AND FORECASTED TRAFFIC VOLUMES



MAP 7-10 FUTURE LEVEL OF SERVICE

Future Level of Service

- D — Higher density traffic restricts maneuverability
- (.76 to .90 v/c) E — Low speeds, considerable delays
- (.91 to .99 v/c) F — Very low speeds and long delays with stop-and-go traffic (≥ 1.0 v/c)
- Roseville Boundary

Planning Level Urban Roadway Capacities

	Facility Type	Daily Two-way Volume: Lower Threshold	Daily Two-way Volume: Higher Threshold*
Arterials	Two lane undivided	10,000	12,000
	Two lane divided or Three lane undivided	15,000	17,000
	Four lane undivided	18,000	22,000
	Four lane divided or five lane undivided	28,000	32,000
Freeways	Four lane freeway	60,000	80,000
	Six lane freeway	90,000	120,000
	Eight lane freeway or higher	Calculated on a segment by segment basis	

*Higher Threshold is used in this analysis for calculating LOS

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0 2,250 Feet

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TABLE 7-5 CITY OF ROSEVILLE LAND USE PLAN ALLOCATION OF FORECASTS BY TAZ

	2010 Census			2020 Forecast			2030 Forecast			2040 Forecast		
TAZ	Population	Households	Employment	Population	Households	Employment	Population	Households	Employment	Population	Households	Employment
1733*	138	52	31	138	52	31	138	52	31	138	52	31
1734*	780	28	617	821	28	672	886	28	673	930	28	675
1740*	73	25	22	73	25	22	73	25	22	73	25	22
1841	1902	822	95	1881	842	95	1830	859	95	1859	875	95
1842	1034	397	1215	1068	416	1215	1089	424	1277	1152	451	1320
1843	1440	597	620	1428	597	620	1430	598	631	1418	599	642
1844	496	231	1	492	231	1	492	231	1	492	231	1
1845	528	229	15	528	229	15	528	229	15	528	229	15
1846	2548	1140	96	2543	1190	96	2543	1211	96	2543	1211	96
1847	329	121	4	329	121	4	329	121	4	300	121	4
1848	1558	658	384	1645	675	384	1730	693	393	1735	728	402
1849	1312	613	378	1309	613	378	1309	613	378	1278	613	378
1850	814	342	140	814	356	140	759	361	140	777	373	140
1851	374	153	5	369	153	5	369	153	5	343	153	5
1852	601	255	155	589	255	155	559	255	155	539	255	155
1853	4	2	204	4	2	204	4	2	204	4	2	185
1854	67	48	678	82	48	678	77	48	678	74	48	678
1855	724	373	386	750	407	386	719	423	386	719	452	386
1856	1468	735	2126	1486	737	2126	1482	742	2189	1496	749	2200
1857*	921	332	19	904	338	19	894	341	19	894	347	19
1858	799	411	336	830	426	336	785	432	456	782	439	551
1859	0	0	2038	0	0	2350	195	100	2700	390	147	3050
1860	518	243	1372	518	243	1253	530	248	1071	542	253	1083
1861	0	0	2651	0	0	2972	0	0	2976	0	0	2988
1862	5	5	1287	5	5	1400	41	22	1408	77	39	1460
1863	0	0	2874	0	0	2874	4	2	2997	8	4	3023
1864	293	83	2031	315	143	2150	306	143	2324	357	148	2475
1865	299	111	35	480	246	575	497	255	575	453	255	580

	2010 Census			2020 Forecast			2030 Forecast			2040 Forecast		
TAZ	Population	Households	Employment	Population	Households	Employment	Population	Households	Employment	Population	Households	Employment
1866	0	0	1199	0	0	1342	0	0	1350	0	0	1329
1867*	155	98	2988	155	98	3200	159	100	3205	163	102	3225
1868	948	460	161	978	598	161	988	635	161	1105	702	161
1869	0	0	1826	0	0	1880	0	0	1914	0	0	2002
1870	0	0	1425	0	0	1425	0	0	1425	0	0	1425
1871	454	172	100	441	172	100	405	172	100	364	172	79
1872	439	186	86	439	186	86	396	191	86	375	193	86
1873	697	267	48	693	272	205	643	275	210	597	277	225
1874	400	238	19	400	242	19	422	247	19	444	256	19
1875	454	256	2579	454	256	2600	464	261	2500	474	266	2494
1876	913	402	350	913	408	350	934	412	400	955	422	400
1877	762	297	798	810	368	998	880	389	1150	958	409	1250
1878	338	184	1188	338	195	1188	395	211	1207	452	238	1226
1879	397	166	48	397	166	48	397	170	48	397	174	48
1880	961	385	35	884	385	35	890	392	35	902	392	35
1881	601	235	57	498	239	57	496	243	57	499	243	57
1882	429	172	17	429	175	17	358	175	17	357	175	17
1883	230	112	91	230	112	91	240	116	91	250	120	91
1884	2431	1211	419	2475	1235	462	2512	1262	470	2476	1270	495
1888	1216	432	100	1092	458	100	1005	461	100	1015	466	100
1889	800	346	136	768	346	136	768	352	136	745	352	136
1890	802	452	381	802	459	406	819	466	444	826	472	460
1891	1208	546	832	1203	552	832	1231	559	870	1245	572	875
1896*	0	0	406	0	0	406	0	0	406	0	0	406
2040 Land Use Plan Totals	**33,660**	**14,623**	**35,104**	**33,800**	**15,300**	**37,300**	**34,000**	**15,700**	**38,300**	**34,500**	**16,100**	**39,300**
Metropolitan Council Forecasts	**33,660**	**14,623**	**35,104**	**33,800**	**15,300**	**37,300**	**34,000**	**15,700**	**38,300**	**34,500**	**16,100**	**39,300**

*TAZ boundary lies partially outside of Roseville. Values only reflect allocations for portions of TAZ within Roseville.

2040 Future Roadway Capacity Improvement Needs

To identify the need for potential future capacity improvements, Metropolitan Council 2040 forecasts were compared to planning level roadway capacities as listed in TABLE 7-1 for Principal and A-Minor Arterial Roadways. Based on this comparison, five roadways will meet or exceed capacity by 2040: Lexington Avenue, Snelling Avenue, Rice Street, TH 36, and I-35W. Each of these roadways currently exhibits a Level of Service (LOS) of E or F during at least one peak period, as shown in MAP 7-6 and TABLE 7-6. This indicates that motorists experience some level of congestion. These conditions are anticipated to worsen under 2040 conditions.

TABLE 7-6 HEAVILY CONGESTED SEGMENTS BY AVERAGE DAILY TRAFFIC (ADT) & LEVEL OF SERVICE (LOS)

Roadway	Segment	Roadway Capacity ADT	Current ADT (LOS)	2040 ADT (LOS)
Lexington Avenue	County Road B2 to County Road B	17,000	16,100 (E)	17,000 (F)
	County Road B to Larpenteur Avenue	17,000	18,100 (F)	19,000 (F)
Snelling Avenue	North City Limits to County Road C	32,000	29,500 (E)	31,000 (E)
	County Road C to County Road B2	32,000	36,000 (F)	48,000 (F)
	County Road B2 to Highway 36	32,000	45,100 (F)	46,000 (F)
	Highway 36 to Roselawn Avenue	32,000	38,500 (F)	41,000 (F)
Rice Street	North City Limits to County Road C	17,000	16,200 (E)	17,000 (F)
	County Road C to County Road B2	17,000	15,700 (E)	17,000 (F)
	County Road B to Larpenteur Avenue	17,000	16,500 (E)	17,000 (F)
Highway 36	Cleveland Avenue to Fairview Avenue	80,000	86,000 (F)	90,000 (F)
	Fairview Avenue to Snelling Avenue	80,000	86,000 (F)	94,000 (F)
	Snelling Avenue to Lexington Avenue	80,000	91,000 (F)	96,000 (F)
	Lexington Avenue to Dale Street	80,000	85,000 (F)	89,000 (F)
	Dale Street to Rice Street	80,000	82,000 (F)	88,000 (F)
I-35W	West City Boundary to Highway 280	120,000	111,000 (E)	126,000 (F)
	Highway 280 to County Road B2	157,500	155,000 (E)	162,000 (F)
	County Road B2 to County Road C	140,000	119,000 (D)	131,000 (E)

6. Existing and Planned Non-Motorized Transportation Network

This section addresses network needs for walking and bicycling within Roseville. This section also addresses the needs of people using wheelchairs and assistive mobility devices such as mobility scooters, as they are considered pedestrians.

Enhancing the non-motorized elements of the Roseville transportation system is a key goal in terms of improving transportation sustainability in the city and in the region. This approach gives residents an alternative to driving, supports transportation options for people who do not have consistent access to a personal vehicle, and encourages healthy activities and lifestyles.

This section includes information on the existing non-motorized transportation network within Roseville, connections to land use planning, the planned local non-motorized transportation network, and the planned regional non-motorized transportation network. This section also includes recommendations for intersection improvements and design best practices.

Existing Non-Motorized Transportation Network

The non-motorized transportation network in Roseville is comprised of sidewalks, trails, striped roadway shoulders, and other facilities such as footpaths and boardwalks. As shown in Map 7-11, the city contains nearly 44 miles of sidewalk and more than 36 miles of off-street trail. There are also more than 28 miles of striped roadway shoulder within the city, which provide additional space for bicyclists and pedestrians where a dedicated facility does not exist.

Roadways with substantial segments of continuous sidewalk and trail include Cleveland Avenue, Fairview Avenue, Hamline Avenue, Lexington Avenue, Victoria Street, Western Avenue, Rice Street, Larpenteur Avenue, County Road B, County Road B2, and County Road C.

Connections to Land Use Planning

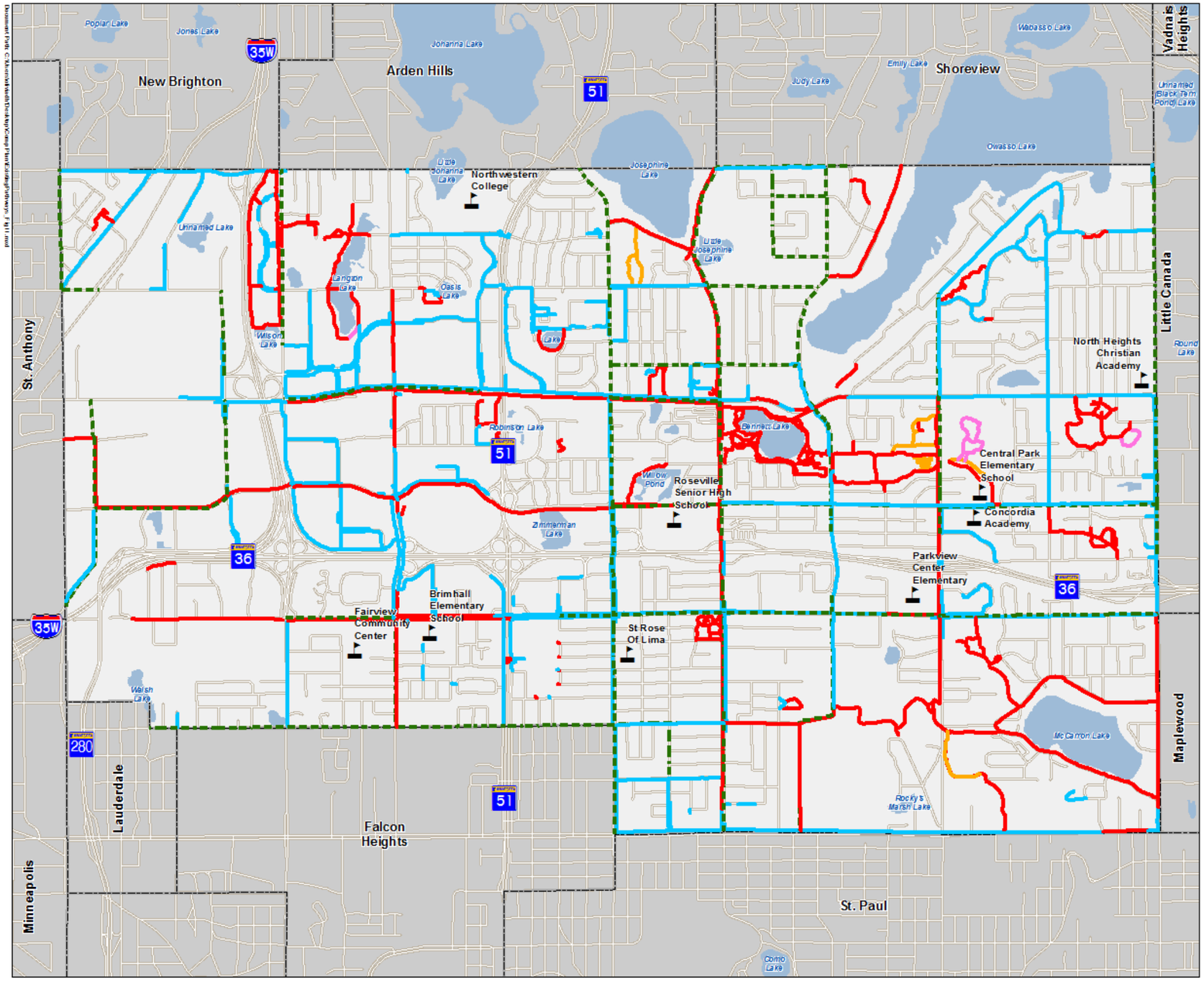
Roseville has development patterns largely consistent with its designation as an Urban community. Existing residential development is higher in density compared with Suburban-designated areas, but reflects the transition toward development patterns influenced by the rise of the automobile, with longer block lengths and commercial land uses typically separated from largely single-family residential land uses. This means that people walking and bicycling must cover greater distances to reach commercial areas from their homes. While Roseville contains a largely regular arterial street grid, not all of these roadways provide dedicated, comfortable facilities for bicyclists and pedestrians, which limits the ability for non-motorized users to conveniently access parks, trails, and schools, even if they are located within a relatively short distance. There are also commercial destinations

throughout Roseville that lie within walking or biking distance of many City residents, including HarMar Mall, Rosedale Center, and Roseville Center.

The City's land use planning and coordination with developers can help improve opportunities for walking and bicycling for transportation. The City can encourage mixed-use development that situates residents within a short walk of commercial destinations. Roseville can also work with developers to construct sidewalks and trails within developments. Additionally, the City can require pedestrian and bicycle connections in areas where the roadway network does not connect, such as cul-de-sac connector trails that provide shortcuts for people walking and bicycling.

Planned Local Non-Motorized Transportation Network

Because Roseville's existing non-motorized transportation network is well established, the planned network focuses on filling gaps that exist and improving safety conditions and the comfort or convenience of non-motorized facilities through intersection design, streetscape improvements, and other design considerations. When the network is complete, it will provide safe, convenient linkages between residential areas and commercial, institutional, and recreational areas within the city. The network will improve options for people to walk and bicycle for transportation within Roseville and facilitate regional connections (described in greater detail in the following section). The existing and proposed local bicycle and pedestrian network is based on the Pathway Master Plan and is shown in MAP 7-12. These figures also identify existing gaps in the non-motorized network. The existing and proposed regional bicycle transportation network is shown in MAP 7-13.



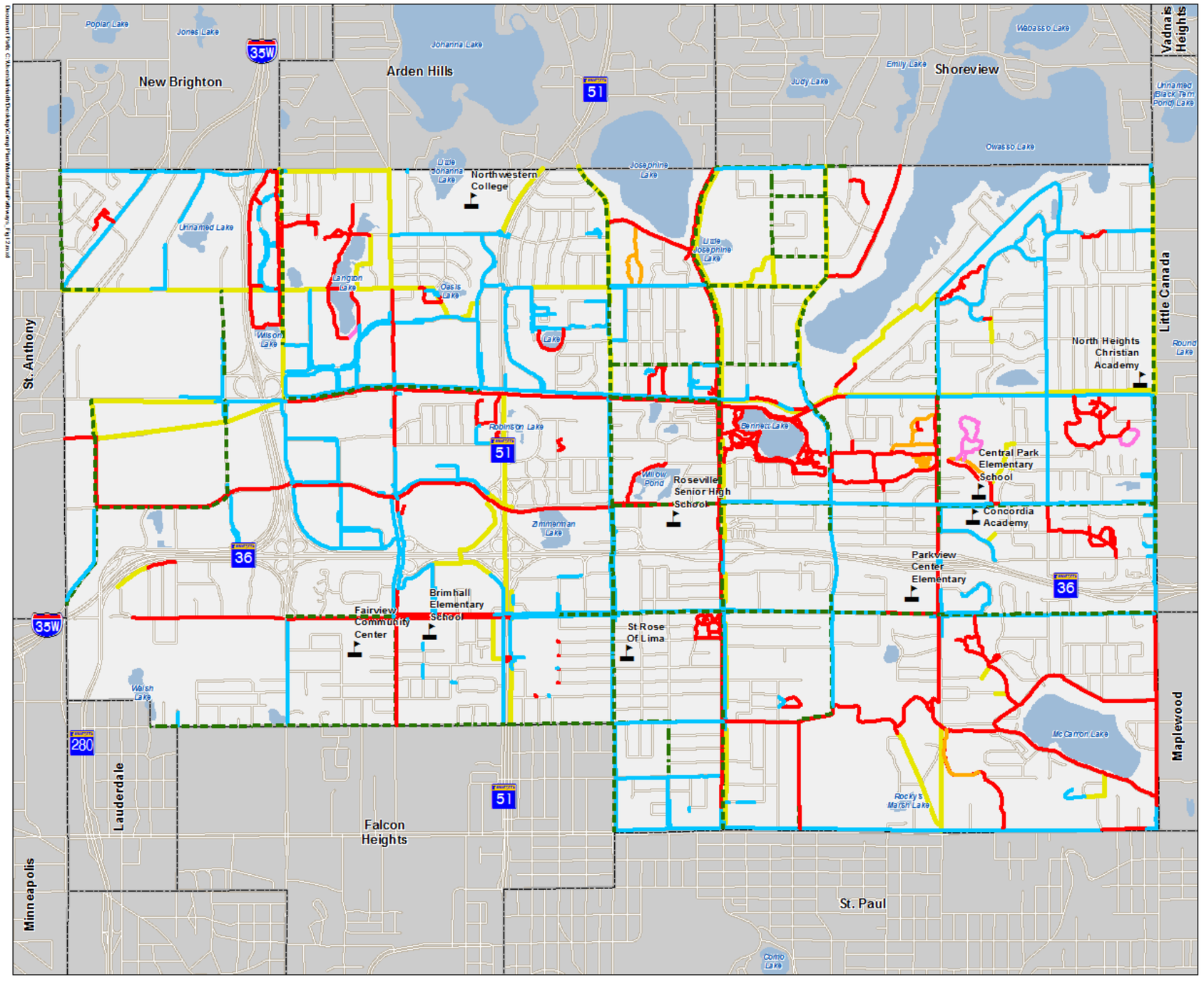
MAP 7-11 EXISTING LOCAL BICYCLE AND PEDESTRIAN NETWORK

- Existing Trail (36.43 miles)
- Existing Sidewalk (45.28 miles)
- Footpath (1.93 miles)
- Existing Striped Shoulder (29.14 miles)
- Other (Boardwalk 0.94 miles)

TOTAL 113.72 miles

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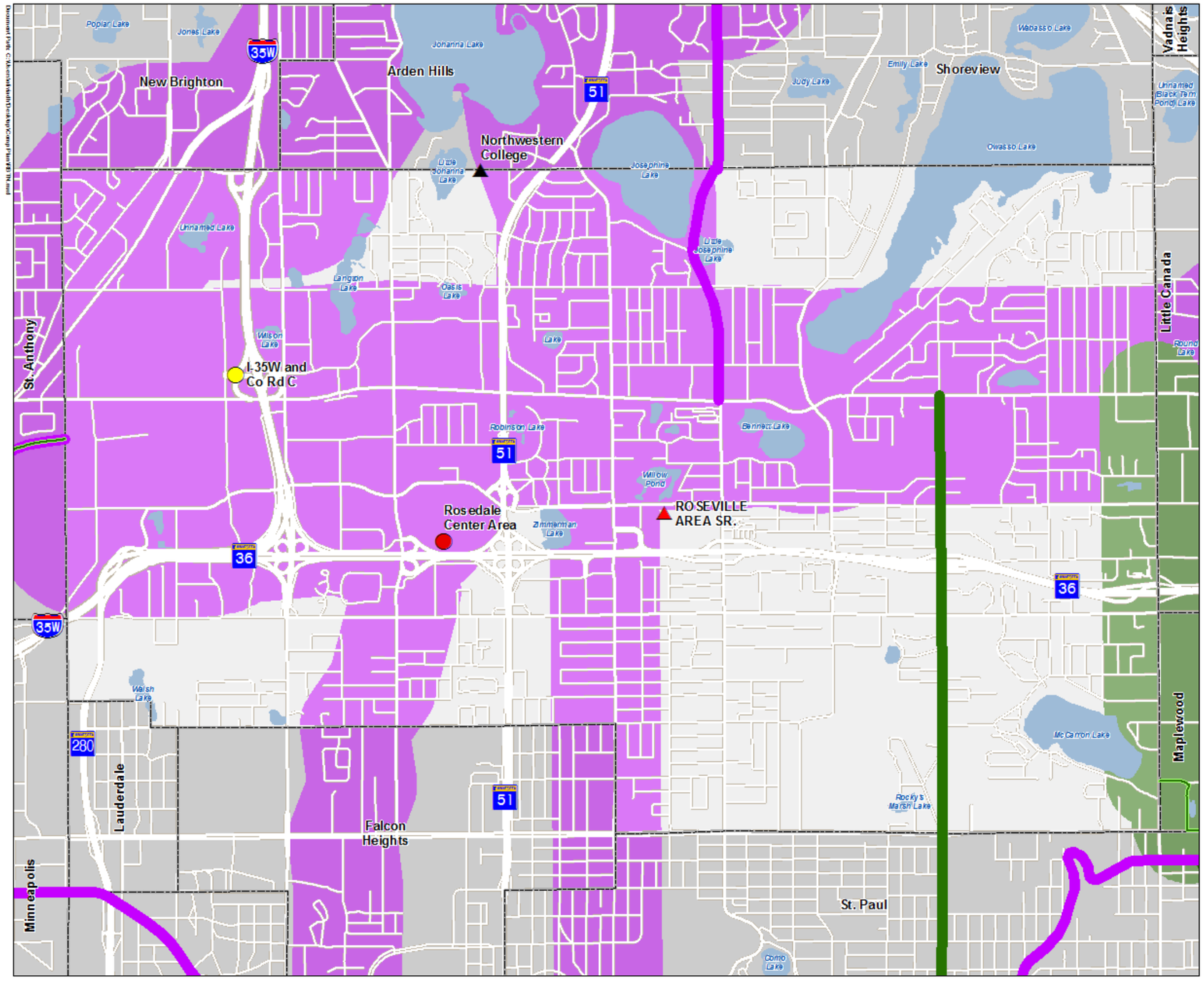


MAP 7-12 PROPOSED LOCAL BICYCLE AND PEDESTRIAN NETWORK

- Existing Trail (36 miles)
- Existing Sidewalk (45 miles)
- Footpath (2 miles)
- Existing Striped Shoulder (29 miles)
- Other (Boardwalk- 1 miles)
- Proposed Pathway Segments (20 miles)
- Roseville Boundary

N

0 2,000 Feet



MAP 7-13 EXISTING AND PROPOSED REGIONAL BICYCLE TRANSPORTATION NETWORK

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Planned Regional Non-Motorized Transportation Network

The Metropolitan Council 2040 TPP encourages the use of bicycles as a mode of transportation and establishes a Regional Bicycle Transportation Network (RBTN) to establish an integrated network of on-street bikeways and off-road trails that complement each other to improve conditions for bicycle transportation at the regional level. The RBTN identifies Tier 1 and Tier 2 alignments where existing regional or other trails exist or where a specific alignment has been identified. The RBTN also identifies Tier 1 and Tier 2 corridors where specific alignments have not yet been defined.

Within Roseville, the RBTN identifies one Tier 1 RBTN alignment, four Tier 1 RBTN corridors, one Tier 2 RBTN alignment, and one Tier 2 RBTN corridor. The Tier 1 alignment is located along Lexington Avenue north of County Road C. There is an existing trail along the west side of the roadway in this location. Approximate locations for the Tier 1 RBTN corridors include County Road C east of I-35W; Fairview Avenue south of County Road C; Hamline Avenue; Old Highway 8 and County Road D; and Walnut Street, Terminal Road, Long Lake Road, and County Road B2. Several of these corridors currently include segments of trail and/or striped shoulder. The Tier 2 RBTN alignment within Roseville is located along Dale Street south of County Road C. The Tier 2 RBTN corridor is located along Rice Street south of County Road C. As with the Tier 1 locations, portions of this alignment and corridor include existing segments of trail. The RBTN map also identifies four regional destinations within the City: the I-35W and County Road C Area (a regional job center), the Rosedale Center Area (a sub-regional job center), University of Northwestern-St. Paul, and Roseville Area Senior High School.

The Ramsey County-Wide Pedestrian & Bicycle Plan identifies a Connected Ramsey Communities Network, with a series of corridors that represent long-distance bikeways crossing the County. Within Roseville, major countywide corridors (with status) are identified along County Road C (existing and planned); Walnut Street, Terminal Road, Long Lake Road, and County Road B2 (existing); Old Highway 8 and County Road D (identified need); Fairview Avenue (existing, planned, and identified need); Hamline Avenue (existing and planned upgrade); and Lexington Avenue (planned upgrade).

The City proposes the following alignments for the RBTN corridors identified within Roseville:

- Along County Road C connecting to the Northeast Diagonal Trail in St. Anthony Village
- Along Fairview Avenue between the City boundary with Falcon Heights and County Road C
- Along Hamline Avenue through the length of the city

- Along Old Highway 8 through the length of the city
- Along Rice Street between the City boundary with St. Paul and County Road C

The City also recommends that the Metropolitan Council and Ramsey County explore adding Roselawn Avenue to the RBTN in future plan updates to provide an east-west bicycle route south of TH 36.

The existing and proposed regional network is shown in MAP 7-13.

Non-Motorized Transportation Design Considerations

The City's Pathway Master Plan identifies different types of pedestrian and bicycle facilities and defines minimum standards for the design of these facilities. Facilities are divided into on-street and off-street pathway types. On-street pathways include bike routes, bike lanes, striped shoulders, and shared lanes. Off-road pathways include trails, sidewalks, and footpaths. Design standards and dimensions are based on the type of facility along with characteristics of the adjacent roadway such as speed limit and average annual daily traffic (AADT).

As non-motorized facilities are planned and designed, the City should consult additional planning and design resources, including:

- County-Wide Pedestrian & Bicycle Plan, Ramsey County
- Minnesota's Best Practices for Pedestrian/Bicycle Safety, MnDOT
- Bikeway Facility Design Manual, MnDOT
- Minnesota Manual on Uniform Traffic Control Devices, MnDOT
- National Association of City Transportation Officials (NACTO) Urban Bikeway Design Guide, Second Edition, National Association of City Transportation Officials
- Guide for the Development of Bicycle Facilities, American Association of State Highway and Transportation Officials
- Guide for the Planning, Design, and Operation of Pedestrian Facilities, American Association of State Highway and Transportation Officials
- Complete Streets Implementation Resource Guide for Minnesota Local Agencies, MnDOT
- Public Right-of-Way Accessibility Guidelines (PROWAG), US Access Board

Accessibility is a very important consideration for non-motorized design. All new pedestrian and bicycle facilities must meet the ADA accessibility guidelines established in PROWAG. The guidelines in PROWAG address the design needs of people with physical and/or visual impairments. Accessibility will become increasingly important over the next 20 years due to demographic changes. Baby Boomers are aging and the population over age 65 is increasing. People over 65 are more likely to have physical and/or visual impairments that affect their ability to get around.

7. FREIGHT

Freight transportation in Roseville is primarily served by two rail lines and arterial roadways. MAP 7-14 shows the freight system and potential freight generators. Two Minnesota Commercial Railway (MNNR) rail lines pass through Roseville—one crossing north to south in the western portion of the city and one crossing from the northeast to the west. The latter rail line terminates in the western portion of the city and has been abandoned to the west; this rail line was purchased by the Hennepin County Railroad Authority and developed into the Northeast Diagonal Trail.

There are several large freight traffic generators within the city and the Triple Crown Bi-modal Terminal, a regional freight terminal, is located southwest of Roseville, adjacent to TH 280 and the MNNR railroad in Minneapolis. Freight traffic generators within Roseville are located along portions of I-35W and along TH 36. Freight generators include concentrations of industrial land uses east and west of I-35W, including the Magellan and Nustar petroleum terminals, and industrial and large-scale commercial land uses (such as Rosedale Center and HarMar Mall) north and south of TH 36.

MAP 7-14 also shows Heavy Commercial Average Daily Traffic (HCADT) in Roseville. There are several roadways with high heavy commercial volumes within the city, including I-35W, which has an HCAADT ranging from 3,800 to 8,500, and TH 36, which has an HCAADT ranging from 2,750 to 5,400 within the city. The 2017 Regional Truck Highway Corridor study identifies ten key roadways in Roseville as part of the regional freight network: I-35W, TH 36, TH 280, Snelling Avenue south of TH 36, New Brighton Boulevard, County Road C west of Snelling Avenue, Terminal Road, and Broadway Street are all identified as Tier 1 corridors. County Road D and Fairview Avenue north of TH 36 are identified as Tier 2 corridors. Snelling Avenue north of TH 36 is a Tier 3 corridor.

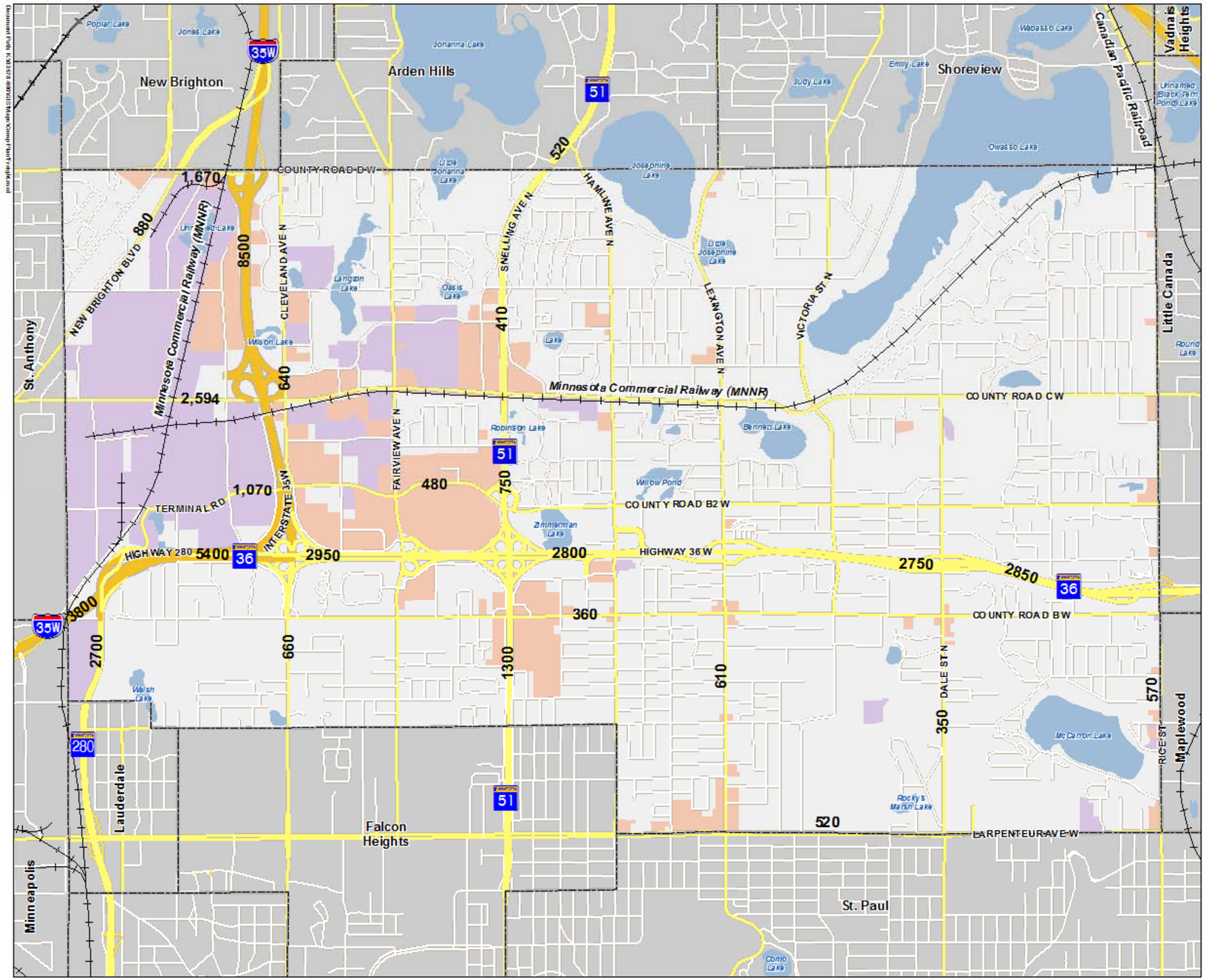
The Metropolitan Council 2040 TPP notes that freight rail traffic has increased substantially since 2010. Throughout the region, freight rail traffic is expected to increase, especially as the regional population continues to grow. There are 17 locations in the City where the rail lines cross public roadways at-grade: Terminal Road, County Road C, County Road C2, County Road D, Long Lake Road (two locations), Walnut Street, Cleveland Avenue, Prior Avenue, Fairview Avenue, Snelling Avenue, Hamline Avenue, Lexington Avenue, Victoria Street, Dale Street, and South Owasso Boulevard. Each of the public street crossings is controlled by a combination of cross-buck signs, flashing lights, and/or gates. There are also several locations where the railroad crosses private driveways or trails.

The Metropolitan Council 2040 TPP acknowledges several freight challenges that impact the City and the region. As mentioned above, freight traffic is expected to

increase and place pressure on the region's highway and rail systems. Safety is also an increasing concern, particularly rail safety as related to Bakken crude oil being transported through the region on rail lines. The volume of rail traffic has therefore raised concerns about compatibility between freight traffic and adjacent land uses. While land use adjacent to the City's primary freight routes is generally compatible with these uses (industrial, commercial, etc.), there are several areas of single-family and multifamily residential housing that lie adjacent to the rail lines.

The City, through strategies identified later in this document, will endeavor to prepare all railroad crossings in the city for certification as Quiet Zone crossings. As crossings are enhanced or rebuilt, the City will work with the rail line operator to include the necessary geometric improvements to support the Quiet Zone designation at some point in the future when the crossing arms and signal equipment are also enhanced. The Quiet Zone designation will allow trains to travel through the area without having to sound their horns.

MAP 7-14 EXISTING FREIGHT SYSTEM



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8. TRANSIT

Roseville is located within the Transit Capital Levy District as shown in the Metropolitan Council 2040 TPP. The TPP further classifies the metropolitan area into transit markets based on demographic and urban design factors. Much of Roseville is located in Market Area III, but there are some pockets of the city located within Market Area II. Transit service in Market Area III is primarily commuter express bus service with some fixed-route local service providing basic coverage. General public dial-a-ride services are available where fixed-route service is not viable. Market Area II generally supports fixed-route transit, but at lower frequencies or shorter service spans than provided in Market Area I.

The A Line rapid bus line, which opened in 2016, provides a frequent transit connection between the Rosedale Transit Center in Roseville and the 46th Street Blue Line Light Rail station in Minneapolis, traveling along Snelling Avenue, Ford Parkway, and 46th Street. In addition to Rosedale Center, another station is located at the intersection of Snelling Avenue and County Road B. In addition to the A Line, there are 21 bus routes that operate within Roseville, including eight that provide urban local service, five that provide suburban local service, and eight that provide express service. The bus routes that serve Roseville provide a mix of frequencies and types of service. Some routes operate every 30 minutes or every hour during the day and evening (i.e., urban local buses) while others provide limited-stop service and operate only during peak commuting times (i.e., express buses). Fixed-route bus service in Roseville is summarized in TABLE 7-7 and shown on MAP 7-15. Note that several bus routes pass through Roseville on TH 36 or I-35W and do not include any stops within the city.

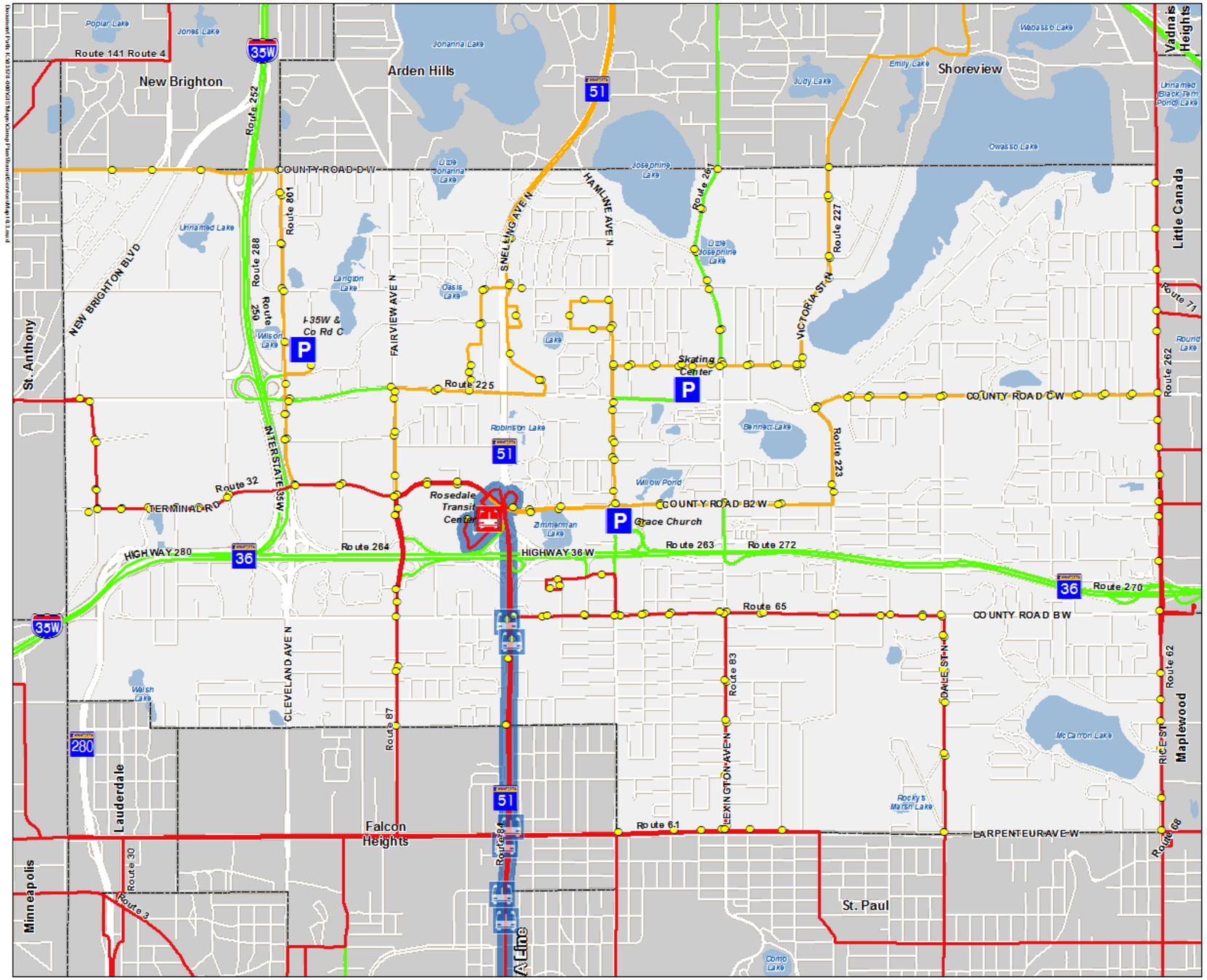
In addition to the fixed-route transit options, Roseville is also served by Anoka County Transit Link, a dial-a-ride service for the general public (Ramsey County is served by Anoka County Transit Link). Transit Link provides connections to destinations within Ramsey County. Transit Link also connects to regular route transit for trips within the metro area, including outside of Ramsey County. Roseville residents also have opportunities to participate in the Metro Vanpool program. This program provides financial assistance for vanpools to serve areas with limited regular-route transit service.

There are three park-and-ride lots located Roseville: Grace Church, I-35W and County Road C, and Skating Center. Of these facilities, only the Skating Center location has been above capacity in recent years. Metro Transit's 2016 Annual Regional Park-and-Ride System Report indicated that the Skating Center Park-and-Ride was at 102 percent of its capacity (50 parking stalls). Depending on future changes in park-and-ride demand, the City and Metro Transit may explore expansion or additional locations along the associated transit corridors.

TABLE 7-7 ROSEVILLE BUS ROUTES

Route	Route Description	Service Type
32	Robbinsdale - Lowry Avenue - Rosedale	Urban Local
61	E Hennepin Avenue - Larpenteur Avenue - Arcade Street	Urban Local
62	Rice Street - Little Canada - Shoreview - Signal Hills	Urban Local
65	Dale Street - County Road B - Rosedale	Urban Local
71	Little Canada - Edgerton - Concord - Inver Hills	Urban Local
83	HarMar Target - Lexington Avenue	Urban Local
84	Rosedale - Snelling - 46th Street LRT - Sibley Plaza	Urban Local
87	Rosedale - U of MN St. Paul - Cleveland Avenue	Urban Local
223	Rosedale - Little Canada - Maplewood	Suburban Local
225	Deluxe - Roseville - Covenry - Rosedale	Suburban Local
227	Target Shoreview - Victoria - Rosedale	Suburban Local
262	Limited Stop - 95th Avenue Park and Rive - Rice Street - St. Paul	Suburban Local
801	Brooklyn Center - Columbia Heights - Rosedale	Suburban Local
250	Express - St. Josephs Park and Ride - 95th Avenue Park and Ride - Minneapolis	Express
252	95th Avenue Park and Ride - U of MN	Express
261	Express - Shoreview - Roseville - Minneapolis	Express
263	Express - Rice Street Park and Ride - Roseville	Express
264	Express - County Road C Park and Ride - Roseville	Express
270	Express - Mahtomedi - Maplewood - Minneapolis	Express
272	Express - Maplewood - Roseville - U of MN	Express
288	Express - Forest Lake - Minneapolis	Express

Source: Metro Transit



MAP 7-15 TRANSIT FACILITIES

- Rosedale Transit Center
- Park and Ride
- A-Line BRT Transitway
- A-Line BRT Stations
- Bus Stop

Bus Route Type

- Urban Local Route
- Suburban Local Route
- Express Route

N

0 2,000 Feet

WSB

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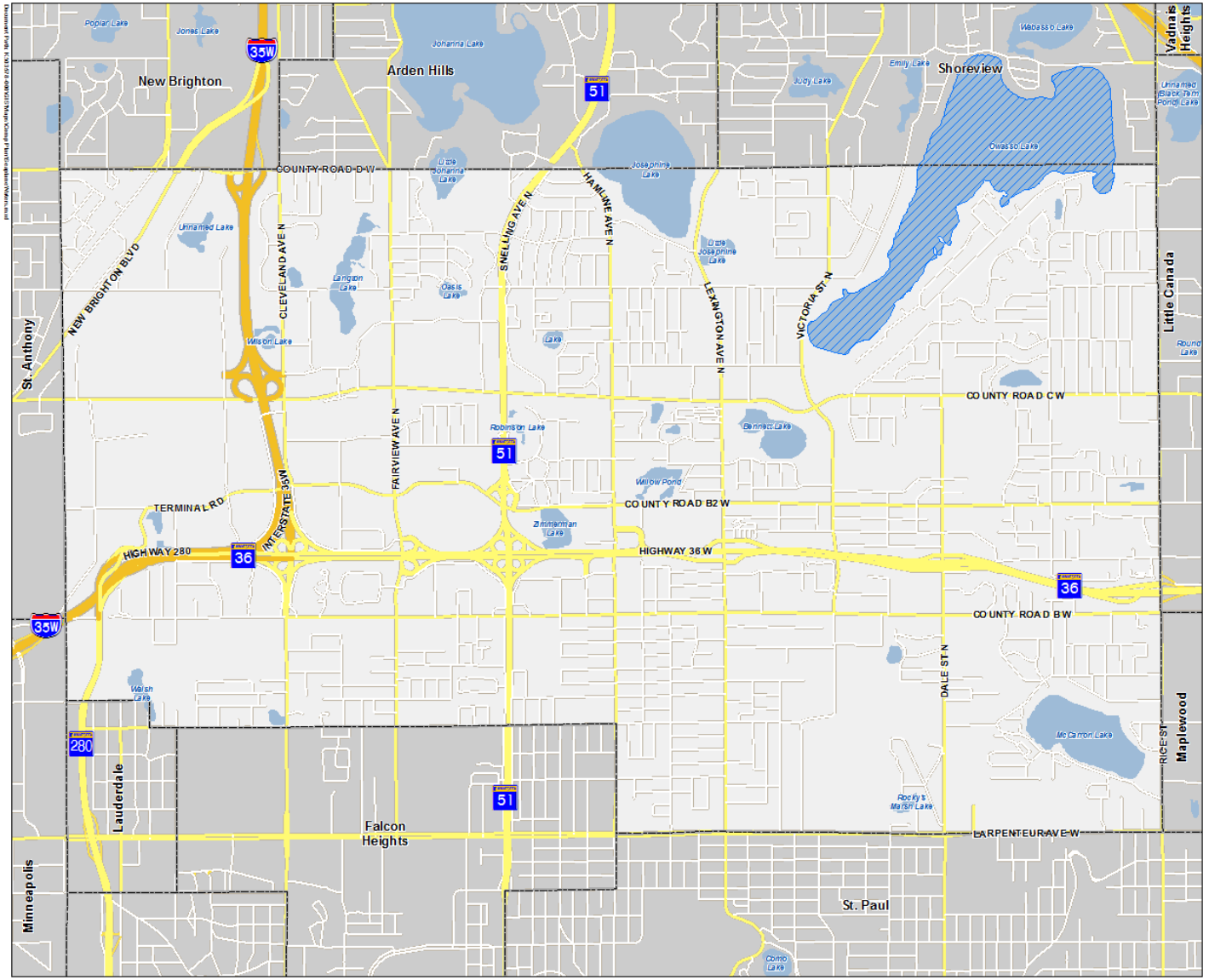
9. AVIATION

There are currently no existing or planned aviation facilities within Roseville. However, the City is responsible for airspace protection in order to reduce hazards to air travel within the region. The closest public use airport to Roseville is the St. Paul Downtown Airport (Holman Field), approximately 4 miles southeast of Roseville.

Based on the distance to the nearest airports, there are no radio beacons or other air navigation aids located in off-airport locations in Roseville. The city is not within the area of influence of any airports and is therefore not subject to associated land use restrictions. Seaplane use is designated and allowed by MnDOT on Lake Owasso, as shown on MAP 7-16.

Any person or organization who intends to sponsor the construction or alteration of a structure affecting navigable airspace as defined in Federal Regulation Title 14; Part 77 needs to inform the Federal Aviation Agency (FAA) of the project. This notification is accomplished through the completion and submittal to FAA of Form 7460-1, Notice of Proposed Construction or Alteration. In Roseville, this requirement applies to any construction or alteration exceeding 200 feet above ground level.

There are currently no heliports in Roseville or any known plans to construct one.



MAP 7-16 DESIGNATED WATERS FOR SEAPLANE USE

Seaplane Use Allowed

Roseville Boundary

N

0 2,000 Feet

10. GOALS AND STRATEGIES

A multi-modal transportation system incorporates several modes of transportation, including walking, bicycling, automobiles, public transportation, trucking/freight, and trains. This Plan, and the City's actions over the next 20 years, will be guided by the following multi-modal transportation goals, policies, and strategies.

Vision Statement, Goals, and Policies

Vision Statement: The City of Roseville will have a comprehensive, safe, efficient and reliable transportation system. The table below shows the City of Roseville's transportation goals and policies.

Goals	Policies
1. Coordinate transportation decisions with other government entities, and coordinate planning efforts to ensure connectivity of regional routes.	1.1 Continue to cooperate with County and State transportation departments, Metropolitan Council, and neighboring communities to achieve orderly and timely development of existing and proposed roadway, pathway, and transit routes serving the city.
	1.2 Coordinate all street planning with County, State, and federal road plans. Work cooperatively with MnDOT and Ramsey County to improve landscaping, screening, lighting, and maintenance of through-city roadway systems, especially TH 36.
	1.3 Communicate with the Metropolitan Council and MnDOT to encourage them to increase traffic capacity on major highways in order to reduce traffic on local roadways.
	1.4 Cooperate with State and federal agencies and railroad companies to enhance safety at all highway, railroad, and pedestrian crossings.
	1.5 Provide notification to the Federal Aviation Agency (FAA) using FAA Form 7460, as may be amended, and the MnDOT Aeronautics Division when any construction or alteration of an object would affect general airspace, as defined in Minnesota Statutes 360.
2. Create a sustainable transportation network by encouraging more efficient use of existing roadways and limiting the need for future roadway expansion.	2.1 Proactively communicate and explore opportunities to expand transit, pathways, intermodal connectivity and Travel Demand Management (TDM) strategies as reasonable alternatives to driving, where appropriate. 2.2 Ensure that the transportation network is prepared for changing or emerging transportation technologies, modes and demographics.

Goals	Policies
3. Create a safe and efficient roadway network, able to accommodate the existing and projected demand for automobile capacity and to reduce roadway congestion.	3.1 System-wide transportation capacity should be achieved by using a high level of network connectivity, appropriately spaced and properly sized thoroughfares, and multiple travel modes, as an alternative to increasing the capacity of individual thoroughfares, where appropriate.
	3.2 Channel major traffic volumes onto community collector streets, arterials, and highways, and discourage motorized traffic from passing through residential areas on local streets.
	3.3 Identify, evaluate, and correct problems of congestion in high-traffic areas and recurrent accident sites.
	3.4 Encourage the use of Intelligent Transportation Systems (ITS) to mitigate capacity issues and increase efficiency and safety of the existing roadway network.
	3.5 Create and/or upgrade major thoroughfare systems to multiple traffic lanes when warranted by traffic conditions.
	3.6 Develop streets according to their designated functional classification, pavement width, and load capacity. Continuity of the street must recognize the function for which the street is intended.
	3.7 Maintain high-quality neighborhoods through the ongoing City Pavement Management Program to rehabilitate or reconstruct City streets and pathways.
	3.8 Advocate for appropriate roadway authorities to construct roadway capacity, safety, and other improvements that meet existing and forecasted travel and demographic demands.
	3.9 Plan for and support a multimodal transportation system that moves people and goods safely and efficiently.

Goals	Policies
4. Promote the use of transit as a reasonable alternative to driving automobiles during both congested and non-congested time periods through land-use and transportation decisions.	4.1 Cooperate with and assist the Regional Transit Board (RTB) to provide effective transit service to all areas of the city.
	4.2 Advocate for planning and development of the Northeast Diagonal Transit Corridor.
	4.3 Support and allow access to a robust public transit system that is integral to the metropolitan system and meets long-term needs by supporting transit hubs, Bus Rapid Transit (BRT), fixed route, and dial-a-ride service options.
	4.4 Encourage the development of park-and-rides to reduce congestion on arterials throughout Roseville.
	4.5 Clearly mark bus stops and provide adequate space for buses to pull out of the moving traffic lane for loading and unloading.
	4.6 Provide adequate and attractive pedestrian access to bus stops by expanding the existing network of sidewalks as recommended in the Pathway Master Plan.
	4.7 Encourage transit-supportive development along existing and future transit corridors.
	4.8 Provide input into the rail corridor planning and abandonment process. If rails are removed, the corridors should be preserved for public uses, such as transit or pathways. In the event of rail line abandonment, an appropriate public agency should acquire the land for public purposes.
	4.9 Play an active role in planning for potential transitways and preserving potential rights-of-way and station locations.
	4.10 Encourage the development of additional east-west transit services, including additional routes and increased frequency of existing routes.
5. Encourage the use of non-motorized transportation by providing and supporting development of a high-quality network of both off-road and on-road pathways, and ensure that bicycle and pedestrian routes are safe, efficient, and attractive.	5.1 Recognize the needs and preferences of pedestrians and cyclists with various skill, experience levels and purpose by providing a wide range of facilities to accommodate commuter, functional, and recreational trips.
	5.2 Create and/or upgrade on-road bicycle facilities, where feasible, to ensure the safety of cyclists and improve the efficiency of the bicycle network.
	5.3 Update the Pathway Master Plan as needed.
	5.4 Expand, maintain, and promote a system of continuous and connected pathways that encourage walking and biking.

Strategies

The multi-modal strategies listed in this section are specific, actionable steps that the City can take in support of the goals of this Plan. These strategies are based upon existing and future transportation needs as described in detail in the previous sections of this Plan.

The multi-modal strategies are broken into several categories:

- Programmed Improvements & Studies
- Congested Roadway Corridors
- High Crash Locations
- Freight
- Interchanges
- Functional Classification
- Transit
- Bicycle and Pedestrian
- Citizen-Based Concerns

Each strategy is tied to one or multiple goals; however, not all goals are associated with a specific strategy. In these cases, the City's goals apply across individual projects, and the City will identify opportunities to achieve them throughout its existing project and policy development processes. The following pages describe each strategy, notes which goal(s) is/are related to each strategy, and identifies the lead agency for the strategy. MAPS 7-17 and 7-18 following the strategies highlight selected strategies geographically.

Strategies: Programmed Improvements & Studies

Location: I-35W—south of TH 36 **Lead Agency:** MnDOT **Type of Improvement:** Pavement Preservation **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation Network. **Strategy:** FY 2018 programmed pavement preservation project south of TH 36 through Roseville.
Location: Interstate 35W—County Road C to Lino Lakes **Lead Agency:** MnDOT **Type of Improvement:** Pavement Preservation and Managed Lane Expansion **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation System; Create a Safe and Efficient Roadway Network. **Strategy:** FY 2019 programmed pavement preservation and addition of MnPASS lanes north of TH 36 through Roseville.

Location: TH 36 **Lead Agency:** MnDOT **Type of Improvement:** Pavement Preservation **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation Network. **Strategy:** FY 2022 programmed pavement preservation project through Roseville.
Location: TH 36 **Lead Agency:** MnDOT **Type of Improvement:** MnPASS Study **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation System; Create a Safe and Efficient Roadway Network. **Strategy:** MnDOT is currently studying the addition of an eastbound and westbound MnPASS lane along TH 36 from just east of I-35W extending east through Roseville. City of Roseville officials should work closely with MnDOT, Metropolitan Council and others to ensure that any recommended MnPASS improvements resulting from this study are integrated into MnDOT's FY 2022 programmed pavement preservation project along this corridor.
Location: County Road C Railroad Bridge west of Victoria Street **Lead Agency:** Ramsey County **Type of Improvement:** Bridge Replacement **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation System. **Strategy:** Submit bridge replacement for State Bridge Bond funding during the 2018 Legislative Session with a potential construction year of 2020 or 2021, if successful. Due to the deficient bridge at this location, County Road C is currently load restricted west of Victoria Street.
Location: County Road C: New Brighton Boulevard in Hennepin County to east of Long Lake Road in Roseville **Lead Agency:** Ramsey County **Type of Improvement:** Full Reconstruction **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation System. **Strategy:** FY 2020 programmed full reconstruction project. Also, potential addition of a separated bicycle trail and sidewalk improvements.
Location: Cleveland Avenue at County Road B **Lead Agency:** Ramsey County **Type of Improvement:** Signal Replacement or Roundabout **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation System. **Strategy:** FY 2018 programmed project to replace existing signal or construct a new roundabout in conjunction with programmed pavement project on I-35W.

Location: Rice Street from County Road B2 to County Road C2 **Lead Agency:** Ramsey County **Type of Improvement:** Full Reconstruction or Pavement Preservation **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation System. **Strategy:** FY 2021 programmed project (tentative), pending research into right-of-way costs. If full reconstruction is too costly, the project scope may be scaled back to a pavement preservation project.
Location: County Road B: Snelling Avenue to State Farm Road **Lead Agency:** Ramsey County **Type of Improvement:** Pavement Replacement **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation System. **Strategy:** FY 2019 programmed pavement replacement project.
Location: Snelling Avenue: County Road B2 to 1,180 feet north of Lydia Avenue **Lead Agency:** City of Roseville/MnDOT **Type of Improvement:** Northbound Third Lane Expansion **Goals Addressed:** Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network. **Strategy:** FY 2021 programmed third lane northbound expansion pending results of travel demand modeling and traffic operations analysis.
Location: County Road C east of Victoria Street **Lead Agency:** Ramsey County **Type of Improvement:** Study 4-Lane Undivided to 3-Lane Reconfiguration **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation System; Create a Safe and Efficient Roadway Network. **Strategy:** Explore the feasibility and benefits of reconfiguring County Road C east of Victoria Street from the existing 4-lane undivided design to a 3-lane design.

Strategies: Congested Roadway Corridors

Location: I-35W
Lead Agency: MnDOT
Type of Improvement: Monitor & Pursue Strategic Improvements
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: Existing Level of Service (LOS) is D/E and 2045 forecasted LOS is D/E/F in this corridor. Officials should continue to monitor existing and forecasted congestion along I-35W through Roseville. The City should endeavor to maintain an open and proactive dialogue with MnDOT, Metropolitan Council, Ramsey County, adjacent communities and users of I-35W with the goal of identifying opportunities to collaborate on short and long-range strategies for improving overall LOS in this corridor. The programmed FY 2019 addition of MnPASS lanes north of TH 36 will assist with this congestion.

Location: Snelling Avenue
Lead Agency: MnDOT/City of Roseville
Type of Improvement: Monitor & Pursue Strategic Improvements
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: Existing Level of Service (LOS) is E/F and 2045 forecasted LOS is E/F in this corridor. Officials should implement the programmed FY 2021 3-lane expansion northbound, or a suitable alternative to this programmed improvement. Additionally, monitoring should continue of existing and forecasted congestion levels. The City should endeavor to maintain an open and proactive dialogue with MnDOT, Metropolitan Council, Ramsey County, adjacent communities and users of Snelling Avenue with the goal of identifying opportunities to collaborate on short and long-range strategies for improving overall LOS in this corridor.

Location: Lexington Avenue
Lead Agency: Ramsey County
Type of Improvement: Monitor & Pursue Strategic Improvements/Corridor Study
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: Existing Level of Service (LOS) south of TH 36 is F and 2045 forecasted LOS is also F in this corridor. Officials should continue to monitor existing and forecasted congestion levels along Lexington Avenue south of TH 36. The City should endeavor to maintain an open and proactive dialogue Metropolitan Council, Ramsey County and users of this roadway with the goal of identifying opportunities to collaborate on short and long-range strategies for improving overall LOS in this corridor. A corridor study should also be considered to evaluate existing and forecasted traffic operations and design solutions in greater detail.

Location: Rice Street
Lead Agency: Ramsey County
Type of Improvement: Monitor & Pursue Strategic Improvements/Corridor Study
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: Existing Level of Service (LOS) is E and 2045 forecasted LOS is F in this corridor, except at the intersection of TH 36 where a 4-lane divided roadway currently exists. Officials should monitor existing and forecasted congestion levels along Rice Street. The City should endeavor to maintain an open and proactive dialogue with Metropolitan Council, Ramsey County, and users of Rice Street with the goal of identifying opportunities to collaborate on short and long-range strategies for improving overall LOS in this corridor. A corridor study should also be considered to evaluate existing and forecasted traffic operations and potential design solutions in greater detail.

Location: TH 36
Lead Agency: MnDOT
Type of Improvement: Monitor & Pursue Strategic Improvements/MnPASS Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: Existing Level of Service (LOS) is F and 2045 forecasted LOS is also F in this corridor. City officials should work closely with MnDOT and Ramsey County as the scheduled MnPASS study along TH 36 takes place to ensure that all pertinent local input is considered. The City should also endeavor to maintain an open and proactive dialogue with MnDOT, Metropolitan Council, Ramsey County, and users of TH 36 with the goal of identifying opportunities to collaborate on short and long-range strategies for improving overall LOS in this corridor.

Strategies: High Crash Locations

Location: Cleveland Avenue and County Road C
Lead Agency: Ramsey County
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate was greater than 1.25 per million entering vehicles at Cleveland Avenue and County Road C, which exceeds the statewide average. City officials should coordinate with Ramsey County to conduct a detailed traffic operations study at this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Location: Snelling Avenue and County Road B
Lead Agency: MnDOT/Ramsey County
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate was greater than 1.25 per million entering vehicles at Snelling Avenue and County Road B, which exceeds the statewide average. City officials should coordinate with MnDOT and Ramsey County to conduct a detailed traffic operations study at this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Location: Snelling Avenue and County Road C
Lead Agency: MnDOT/Ramsey County
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate was 1.0 to 1.25 per million entering vehicles at Snelling Avenue and County Road C, which exceeds the statewide average. City officials should coordinate with MnDOT and Ramsey County to conduct a detailed traffic operations study at this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Location: Dale Street and County Road B2
Lead Agency: Ramsey County
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate was 1.0 to 1.25 per million entering vehicles at Dale Street and County Road B2, which exceeds the statewide average. City officials should coordinate with Ramsey County to conduct a detailed traffic operations study at this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Location: Cleveland Avenue: County Road C to County Road B2
Lead Agency: Ramsey County
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate for this segment was greater than 12 per million vehicle miles, which exceeds the statewide average. City officials should coordinate with Ramsey County to conduct a detailed traffic operations study of this segment this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Location: Fairview Avenue: County Road B2 to County Road B
Lead Agency: Ramsey County
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate for this segment ranged from 9 to greater than 12 per million vehicle miles, which exceeds the statewide average. City officials should coordinate with Ramsey County to conduct a detailed traffic operations study of this segment this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Location: County Road B: Fairview Avenue to east of Snelling Avenue
Lead Agency: Ramsey County
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate for this segment was greater than 12 per million vehicle miles, which exceeds the statewide average. City officials should coordinate with Ramsey County to conduct a detailed traffic operations study of this segment this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Location: Roselawn Avenue: Hamline Avenue to Snelling Avenue
Lead Agency: City of Roseville
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate for this segment was greater than 12 per million vehicle miles, which exceeds the statewide average. City officials should coordinate with Ramsey County to conduct a detailed traffic operations study of this segment this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Location: County Road B2: Fairview Avenue to Snelling Avenue
Lead Agency: Ramsey County
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate for this segment was between 9 and 12 per million vehicle miles, which exceeds the statewide average. City officials should coordinate with Ramsey County to conduct a detailed traffic operations study of this segment this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Location: County Road B2: Hamline Avenue to Lexington Avenue
Lead Agency: Ramsey County
Type of Improvement: Traffic Operations Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The 2011–2015 crash rate for this segment was between 9 and 12 per million vehicle miles, which exceeds the statewide average. City officials should coordinate with Ramsey County to conduct a detailed traffic operations study of this segment this intersection to evaluate potential strategies to lower this crash rate. Opportunities to make improvements at this location in conjunction with scheduled Capital Improvement Program work should be explored.

Strategies: Freight

Location: County Road C
Lead Agency: Ramsey County
Type of Improvement: Truck Mobility
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: County Road C has been identified by Metropolitan Council in their May 17, 2017 Regional Truck Highway Study as the #13 truck delay hotspot in the Twin Cities Region, with a total of 17 hours of truck delay per day. Efforts should be made by Ramsey County and the City of Roseville to work with the trucking community to better understand problems related to truck mobility through Roseville and the County Road C corridor. Federal FAST Act freight funding or other freight related funding sources available through MnDOT or Metropolitan Council should be pursued for truck mobility improvements along this corridor, as opportunities present themselves.

Location: County Road B2
Lead Agency: Ramsey County
Type of Improvement: Truck Safety
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: County Road B2 has been identified by Metropolitan Council in their May 17, 2017 Regional Truck Highway Study as the #3 truck crash hotspot in the Twin Cities Region, with 14.3 truck crashes per million trucks. Efforts should be made by Ramsey County and the City of Roseville to work with the trucking community to better understand problems related to truck crashes along this corridor. Federal FAST Act freight funding or other freight related funding sources available through MnDOT or Metropolitan Council should be pursued for safety improvements along this corridor, as opportunities present themselves.

Location: County Road C
Lead Agency: Ramsey County
Type of Improvement: Truck Safety
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: County Road C has been identified by Metropolitan Council in their May 17, 2017 Regional Truck Highway Study as the #18 truck crash hotspot in the Twin Cities Region, with 4.7 truck crashes per million trucks. Efforts should be made by Ramsey County and the City of Roseville to work with the trucking community to better understand problems related to truck crashes along this corridor. Federal FAST Act freight funding or other freight related funding sources available through MnDOT or Metropolitan Council should be pursued for safety improvements along this corridor, as opportunities present themselves.

Location: New Brighton Boulevard
Lead Agency: Ramsey County
Type of Improvement: Truck Safety
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: New Brighton Boulevard has been identified by Metropolitan Council in their May 17, 2017 Regional Truck Highway Study as the #19 truck crash hotspot in the Twin Cities Region, with 4.6 truck crashes per million trucks. Efforts should be made by Ramsey County and the City of Roseville to work with the trucking community to better understand problems related to truck crashes along this corridor. Federal FAST Act freight funding or other freight related funding sources available through MnDOT or Metropolitan Council should be pursued for safety improvements along this corridor, as opportunities present themselves.

Location: BNSF Railway
Lead Agency: City of Roseville/Ramsey County/MnDOT
Type of Improvement: At-Grade Railroad Crossing Safety/Operations
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: City of Roseville, Ramsey County, and MnDOT officials should coordinate closely with BNSF to monitor the ongoing safety and operations of at-grade railroad crossings at the following locations in Roseville: Walnut Street, Long Lake Road, Cleveland Avenue, Fairview Avenue, Snelling Avenue, Hamline Avenue, Lexington Avenue, Victoria Street, Dale Street, South Owasso Boulevard, and numerous private driveways. Railroad safety and operations improvements at these locations should be pursued as State and federal funds are available and circumstances warrant.

Location: Minnesota Commercial Railway(MNNR)
Lead Agency: City of Roseville/Ramsey County
Type of Improvement: At-Grade Railroad Crossing Safety/Operations
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: City of Roseville and Ramsey County officials should coordinate closely with MNNR to monitor the ongoing safety and operations of at-grade railroad crossings at the following locations in Roseville: Terminal Road, County Road C2, County Road C, County Road D, and Long Lake Road. Railroad safety and operations improvements at these locations should be pursued as State and federal funds are available and circumstances warrant.

Location: At-Grade Railroad Crossings throughout Roseville
Lead Agency: City of Roseville/BNSF Railway/MNNR
Type of Improvement: Prepare Crossings for Quiet Zone Certification as crossings and/or roadway is reconstructed
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: The City of Roseville will work with the operating railroad operators in the city to upgrade the at-grade railroad crossings to support future certification as Quiet Zone crossings by adding the required geometric features necessary for the certification.

Strategies: Interchanges

Location: TH 280: Intersection at Broadway Street
Lead Agency: MnDOT
Type of Improvement: Interchange
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: This intersection has been identified by Metropolitan Council in their January 2017 Principal Arterial Intersection Conversion Study as an existing at-grade intersection with a high priority for future grade separation. This intersection is located partially in the City of Roseville and partially in the City of Lauderdale, with the City of Minneapolis immediately to the west. The TH 280 corridor served an important regional function as a detour route when the I-35W bridge collapsed in 2007. Roseville officials should coordinate with MnDOT, Metropolitan Council, and the aforementioned local governments to discuss the overall priority of this identified interchange project with respect to other needed regional improvements and pursue necessary design, project development, and funding as appropriate.

Strategies: Functional Classification

Location: City of Roseville Municipal State Aid (MSA) System
Lead Agency: City of Roseville
Type of Improvement: All MSA Roads Classified as "Collector"
Goals Addressed: Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network.
Strategy: Classify all City of Roseville Municipal State Aid (MSA) Streets as "collector" roadways. This includes changing some MSA functionally unclassified roadways to "collector" and changing some MSA roadways currently classified as "major collector" to "collector." Specific proposed changes are illustrated on the Existing and Proposed Functional Classification map depicted in MAP 7-3.

Strategies: Transit

Location: System-Wide
Lead Agency: City of Roseville/Metro Transit
Type of Improvement: Last Mile Access
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Promote the Use of Transit.
Strategy: Connections to bus stops and transit stations can be challenging by foot or bike due to lack of continuous sidewalk facilities and crossings. Opportunities to improve access and connections should be explored in a collaborative manner with all public and private stakeholders. Discussions with Metro Transit could be used to help prioritize key investments based on ridership and access demands. Improvements should be integrated and scheduled as part of Capital Improvement Programs as funding is available.

Location: System-Wide
Lead Agency: City of Roseville/Metro Transit
Type of Improvement: More Bus Shelters
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Promote the Use of Transit.
Strategy: Work with Metro Transit to explore opportunities to enhance bus shelter facilities at key locations to support existing ridership and attract additional riders to the transit service.

Location: System-Wide
Lead Agency: City of Roseville/Metro Transit
Type of Improvement: Enhanced East-West Fixed Route Service
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Promote the Use of Transit.
Strategy: There are limited transit routes that connect the eastern and western parts of Roseville without requiring a trip outside of the city. The City should work with Metro Transit to explore the feasibility of providing an east-west local fixed-route service within Roseville.

Location: System-Wide
Lead Agency: City of Roseville/Metro Transit
Type of Improvement: Seven Day and Evening Service
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Promote the Use of Transit.
Strategy: The City should work with Metro Transit to explore the feasibility of expanding bus route evening and weekend service for fixed-route service within Roseville.

Location: Larpenteur Avenue east of Victoria Street
Lead Agency: City of Roseville/Metro Transit
Type of Improvement: Add Service
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Promote the Use of Transit.
Strategy: There is currently no bus service along Larpenteur Avenue east of Victoria Street and limited connections in this area. The City should work with Metro Transit to enhance bus service and access for residents along Larpenteur Avenue.

Location: System-Wide
Lead Agency: City of Roseville/Metro Transit
Type of Improvement: Express Bus to St. Paul
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Promote the Use of Transit.
Strategy: Express service to downtown St. Paul is limited in comparison to express routes serving downtown Minneapolis and the University of Minnesota. The City should work with Metro Transit to explore the feasibility of additional express bus service to downtown St. Paul.

Location: System-Wide
Lead Agency: City of Roseville/Metro Transit
Type of Improvement: Elderly Transit Service
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Promote the Use of Transit.
Strategy: Metro Mobility currently provides transit service for disabled citizens that cannot use the normal fixed route transit system. Transit services for the elderly currently include the Roseville Area Senior Program and American Red Cross. City officials should coordinate with Metro Transit, the Roseville Area Senior Program, and American Red Cross to evaluate current and future transit system needs for a growing elderly population in Roseville to ensure that adequate and affordable service is available.

Location: System-Wide
Lead Agency: City of Roseville/Metro Transit
Type of Improvement: A-Line Commuter Bus Connections
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Promote the Use of Transit.
Strategy: City officials should coordinate with Metro Transit to evaluate current transit and bicycle/pedestrian connections and parking availability to the existing A-Line Commuter Bus service. Opportunities to improve multi-modal connections and parking should be explored in a collaborative manner with all public and private stakeholders. Improvements should be integrated and scheduled as part of Capital Improvement Programs as funding is available.

Strategies: Bicycle and Pedestrian

Location: System-Wide
Lead Agency: City of Roseville
Type of Improvement: Wayfinding and Signage
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Encourage the Use of Non-Motorized Transportation.
Strategy: Improve signage and wayfinding from bicycle and pedestrian facilities to transit stations and other key community destinations.

Location: Lexington Avenue
Lead Agency: Ramsey County
Type of Improvement: Regional Bike Trail Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Encourage the Use of Non-Motorized Transportation.
Strategy: Ramsey County will study the feasibility of developing a regional bicycle trail along Lexington Avenue through the City of Roseville. The City should be engaged throughout this process to enhance connectivity along Lexington Avenue.

Location: Fairview Avenue RBTN
Lead Agency: City of Roseville/Ramsey County/Metropolitan Council
Type of Improvement: RBTN Alignment Shift
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Encourage the Use of Non-Motorized Transportation.
Strategy: The City of Roseville, Ramsey County, and Metropolitan Council should discuss potentially realigning the Fairview Avenue RBTN to Cleveland Avenue to better align with connections south and the ability to cross a major railway barrier.

Location: Snelling Avenue and TH 36
Lead Agency: City of Roseville
Type of Improvement: Bicycle/Pedestrian Bridge
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Encourage the Use of Non-Motorized Transportation.
Strategy: City of Roseville officials should coordinate with MnDOT to explore feasible locations for a grade separated bicycle/pedestrian crossing of TH 36 between HarMar Mall and Rosedale Center (in the vicinity of TH 51/Snelling Avenue).

Location: Victoria Street north of County Road C
Lead Agency: City of Roseville
Type of Improvement: Bicycle/Pedestrian
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Encourage the Use of Non-Motorized Transportation.
Strategy: City of Roseville officials should explore and pursue, as feasible, bicycle and pedestrian improvements along Victoria Street north of County Road C.

Location: HarMar Mall and Rosedale Center
Lead Agency: City of Roseville
Type of Improvement: Bicycle/Pedestrian
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Encourage the Use of Non-Motorized Transportation.
Strategy: City of Roseville officials should explore and pursue, as feasible, bicycle and pedestrian improvements to improve overall multi-modal access to the HarMar Mall and Rosedale Center.

Location: St. Paul Regional Connections
Lead Agency: City of Roseville/City of St. Paul
Type of Improvement: Bicycle/Pedestrian
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Encourage the Use of Non-Motorized Transportation.
Strategy: City of Roseville officials should work closely with City of St. Paul officials to ensure all planning, design, project development, grant pursuits, and implementation for regional bicycle and pedestrian corridors connecting the two communities are fully coordinated and leveraged.

Location: System-Wide
Lead Agency: City of Roseville
Type of Improvement: Bicycle/Pedestrian Maintenance
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Encourage the Use of Non-Motorized Transportation.
Strategy: City of Roseville officials should review current practices with respect to ongoing bicycle and pedestrian system maintenance and identify any opportunities to enhance these activities, especially during cold winter months.

Location: System-Wide
Lead Agency: City of Roseville
Type of Improvement: Complete Streets Policy
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Promote the Use of Transit; Encourage the Use of Non-Motorized Transportation.
Strategy: A Complete Streets approach to planning and implementing non-motorized facilities, as described in the MnDOT Complete Streets Implementation Resource Guide, can provide a helpful framework for creating a community-supported, safe, comfortable, and convenient transportation network that serves all modes. City of Roseville officials should evaluate implementing a Complete Streets policy or process intended to provide design guidance and implementation clarity, allowing the community and project designers to advance individual projects in a collaborative and cost-efficient manner.

Strategies: Citizen-Based Concerns

Location: Terminal Road **Lead Agency:** City of Roseville **Type of Improvement:** Corridor Study **Goals Addressed:** Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network. **Strategy:** Conduct a corridor study to evaluate existing and forecasted traffic operations and safety related concerns and potential strategies for future improvements.
Location: Old Highway 8 **Lead Agency:** City of Roseville **Type of Improvement:** Corridor Study **Goals Addressed:** Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network. **Strategy:** Conduct a corridor study to evaluate existing and forecasted traffic operations and safety related concerns and potential strategies for future improvements.
Location: Pascal Street and Burke Avenue **Lead Agency:** City of Roseville **Type of Improvement:** Neighborhood Study South of County Road B **Goals Addressed:** Coordinate Transportation Decisions; Create a Safe and Efficient Roadway Network. **Strategy:** Conduct a neighborhood study south of County Road B to evaluate safety concerns and potential solutions to address cut thru traffic along Pascal Street and Burke Avenue.
Location: Victoria Avenue and Orchard Lane **Lead Agency:** City of Roseville **Type of Improvement:** Traffic Study **Goals Addressed:** Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network. **Strategy:** Conduct a detailed traffic study to evaluate safety and traffic concerns at this location.

Location: Various
Lead Agency: City of Roseville
Type of Improvement: Speed Study
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: Concerns have been raised through the public involvement process for the City of Roseville 2040 Transportation Plan regarding multiple speed limit postings along certain roadway corridors through the City. The specific concern is that multiple speed limit postings along certain roadway corridors is confusing to some motorists, especially when speed changes are posted in areas that do not have a significant change in roadway design characteristics or adjacent land use. To address this concern, City officials should review current speed limit postings along major roadway corridors and request that MnDOT conduct updated speed studies along corridors that are of concern.

Location: County Road B2 at Lexington Avenue
Lead Agency: Ramsey County
Type of Improvement: Left Turn Signal Phasing
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The lack of left-turn phasing at this intersection currently creates backups on eastbound County Road B2, and sometimes westbound as well. A review of the current signal system and geometric layout at this intersection should occur and necessary signal and intersection design upgrades should be considered.

Location: County Road B2 at Hamline Avenue
Lead Agency: Ramsey County
Type of Improvement: Left Turn Signal Phasing
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The lack of left turn phasing at this intersection currently crates backups eastbound and westbound along County Road B2. A review of the current signal system and geometric layout at this intersection should occur and necessary signal and intersection design upgrades should be made considered.

Location: County Road D at Fairview Avenue
Lead Agency: Ramsey County/City of Roseville
Type of Improvement: Intersection Control/Operations
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The intersection is controlled by an all-way stop and significant backups currently occur, particularly northbound. Current intersection geometrics and intersection control should be evaluated at this location to assess if any design and/or intersection control upgrades should be made.

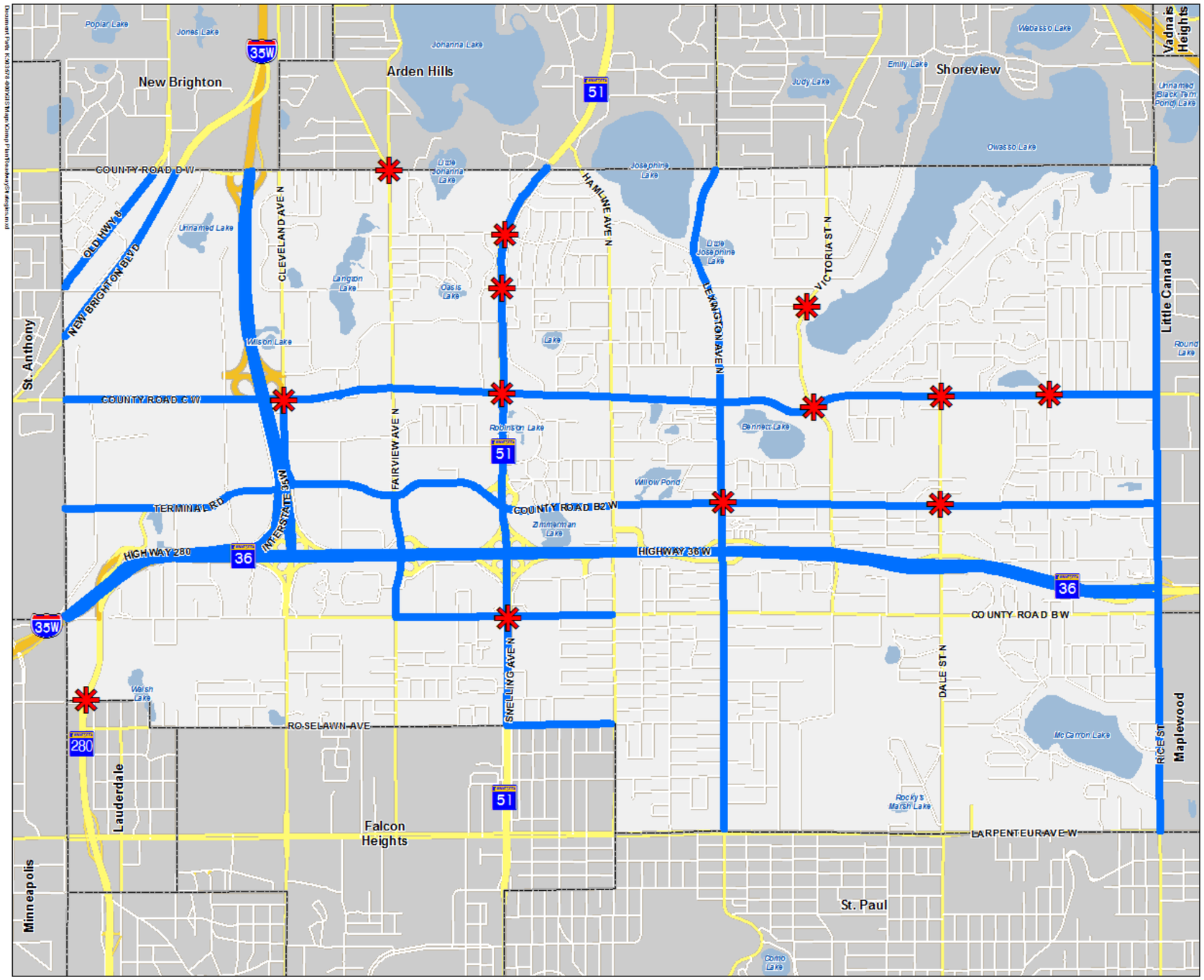
Location: Fairview Avenue: TH 36 south ramp through County Road B2
Lead Agency: City of Roseville/MnDOT
Type of Improvement: Signal Timing
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: Poor signal timing along Fairview Avenue currently creates multiple stops and backups through this signalized corridor. Review of signal timing should occur along Fairview Avenue from the TH 36 south ramp through County Road B 2 to better time and coordinate these signals.

Location: Lydia Avenue and County Road C2 at Snelling Avenue
Lead Agency: MnDOT/City of Roseville
Type of Improvement: Signal Timing
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: Extremely long green cycle lengths along Snelling Avenue and short cross street green times along Lydia Avenue and County Road C2 lead to long backups and frequent cycle failures at each intersection. A review of signal timing at these two intersections should take place to determine if any adjustments can be made to improve traffic flow through this area.

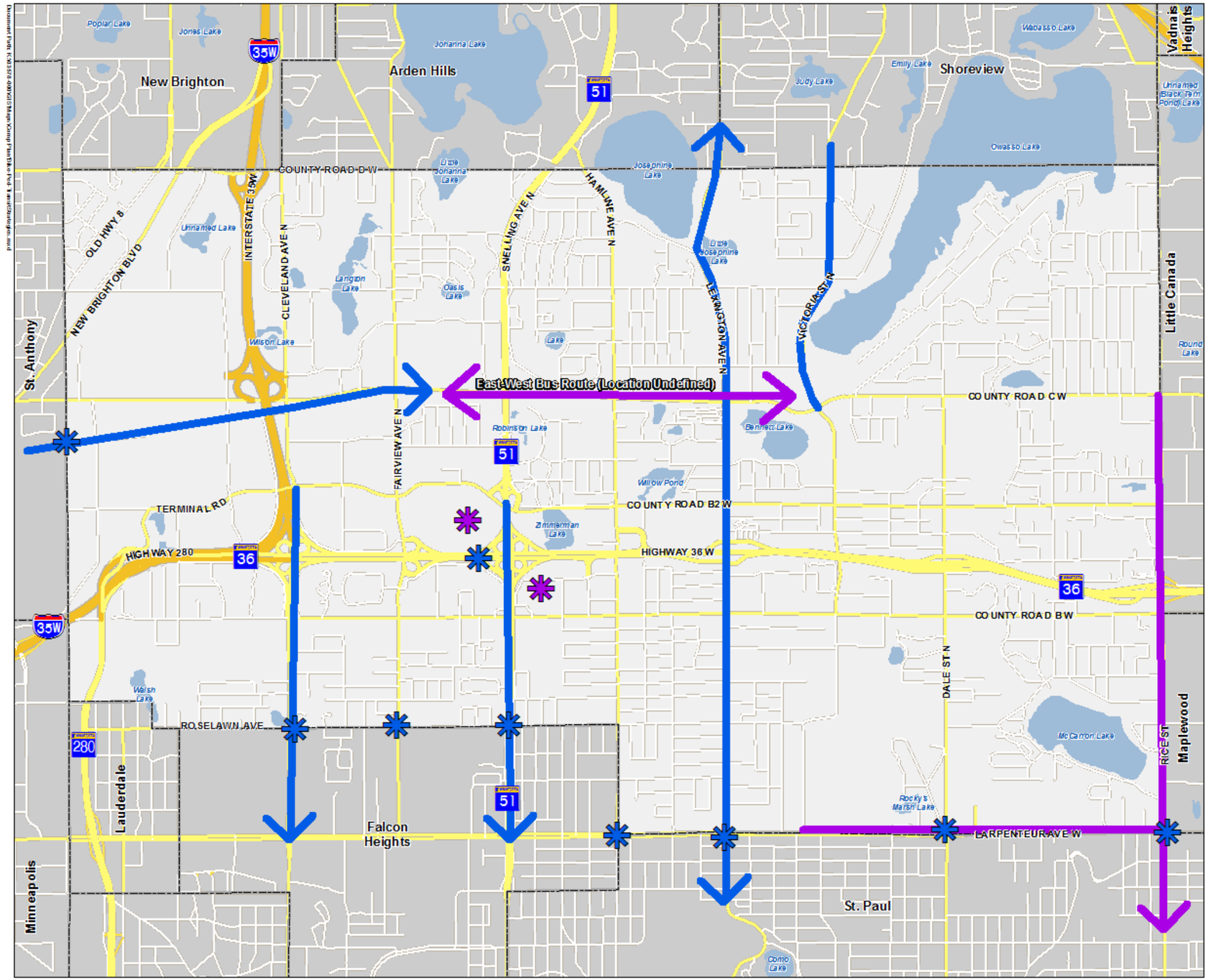
Location: County Road C: Victoria Street through Western Avenue
Lead Agency: Ramsey County/City of Roseville
Type of Improvement: Intersection Control
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: All-way stops at Victoria Street, Dale Street and Western Avenue create large queues at times along County Road C. Review of these intersections should occur to determine if all-way stops should remain in-place or if roundabouts or signals would work better. This should be incorporated into other analysis, studies or proposed improvements to County Road C where feasible.

Location: Cleveland Avenue at County Road D
Lead Agency: Ramsey County
Type of Improvement: Signal Upgrade
Goals Addressed: Coordinate Transportation Decisions; Create a Sustainable Transportation Network; Create a Safe and Efficient Roadway Network.
Strategy: The lack of left turn phasing and possibly poor signal timing currently lead to large queues in the northbound direction when I-35W is congested, and some delay issues in the eastbound direction during the a.m. peak hour. A review of existing signal timing and consideration of adding left-turn phasing at this intersection should occur to improve traffic flow.

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MAP 7-17 ROADWAY STRATEGIES



MAP 7-18 BICYCLE/PEDESTRIAN AND TRANSIT STRATEGIES

Proposed Short and Long Range Roadway Projects

The sections below identify proposed short- and long-range roadway projects identified in the City and Ramsey County CIPs, the Metropolitan Council 2040 TPP/2018 Draft Transportation Improvement Plan (TIP), and based on the proposed land use and redevelopment activities described in previous sections of this Plan.

Proposed Projects from Capital Improvement Plans

The City's CIP identifies a number of roadway and pathway projects. These projects are primarily mill and overlay or pathway maintenance projects intended to improve and maintain the roadway or pathway surface. There are also several new pathway construction projects identified, including segments along Larpenteur Avenue, County Road B, and Victoria Street.

The TPP identifies a number of highway projects in Roseville, including a pavement rehabilitation project and bridge project along I-35W, construction of an I-35W MnPASS lane north of TH 36, and two additional bridge projects on TH 36. The City also received federal funding to construct an additional northbound lane along Snelling Avenue between County Road B2 to north of Lydia Avenue, along with associated intersection and ADA improvements.

Public Comments

The City has gathered public input through public open house meetings, focus groups, and several community walkabouts in addition to web-based communications. Through these interactions, members of the public identified issues and opportunities related to transportation, with a strong focus on improving non-motorized transportation options in many locations throughout the city. Many comments were received relating to making Roseville more walkable and bikeable by filling gaps in the sidewalk and trail network, adding infrastructure such as bike lanes, and making associated safety and streetscaping improvements along roadways and at intersections. Other comments received related to improving transit connections and facilities, reducing traffic congestion, and improving overall connectivity. Feedback from public engagement has been incorporated into the transportation strategies included in this Plan. A full accounting of public comments is included in Appendix A.

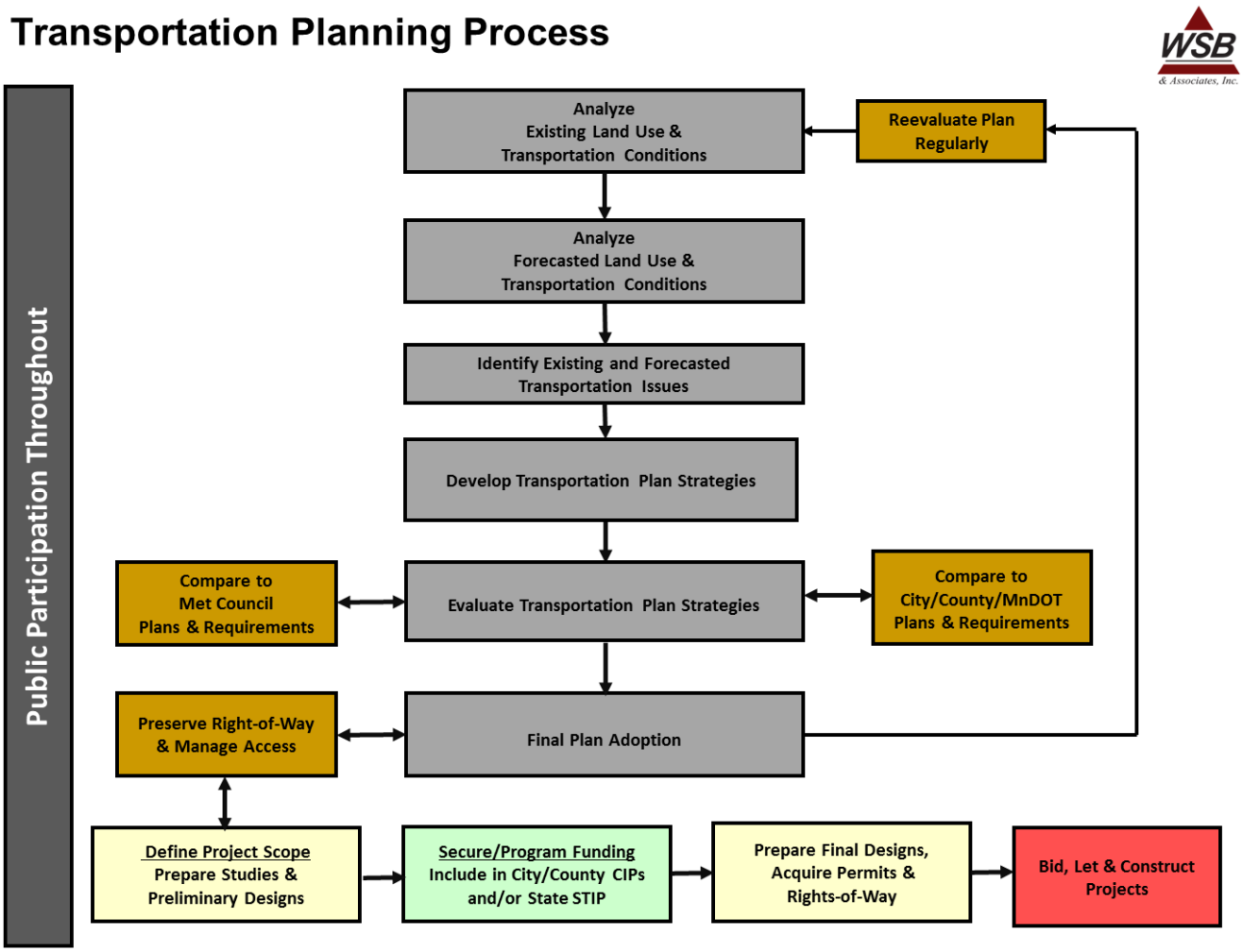
Conclusion and Next Steps

The purpose of this Transportation Plan is to set a multimodal transportation vision for the City of Roseville through the year 2040. Goals and specific strategies have been identified collaboratively by the City, Ramsey County, MnDOT, and members of the public within the framework of Metropolitan Council requirements. The

vision and associated strategies outlined in this Plan were established by considering existing and forecasted conditions, Roseville priorities, regional travel patterns and a variety of other factors.

As the owners of the transportation network in Roseville (i.e. City of Roseville, Ramsey County, MnDOT, and MNNR advance their respective Capital Improvement Programs (CIPs), this Plan is intended to serve as an important resource and reference in establishing priorities and advancing transportation projects for implementation. Advancing these projects from a planning to implementation phase will require collaborative discussions among facility owners, adjacent communities, the Metropolitan Council, residents, and others to conduct traffic studies, finalize designs, preserve rights-of-way, obtain environmental clearances, and leverage necessary financial resources. FIGURE 7-1 on the following page outlines the entire planning and project development process required for transportation projects from concept plans to construction implementation.

FIGURE 7-1 TRANSPORTATION PLANNING PROCESS



CHAPTER 8: PARKS, RECREATION, TRAILS, AND OPEN SPACE

Chapter 8 includes the following information:

1. What We Heard
2. 2010 Master Plan Updates
3. Goals and Strategies

The City of Roseville has a long commitment to providing the best park and recreation experiences possible to its residents. For generations, the City's residents and leaders have recognized the value of parks and recreation in improving their quality of life and generating a true sense of community. They have consistentely demonstrated their belief that enhancing these assets is an investment in their future, leaving a legacy for the next generation.

In late 2010, Roseville adopted a Park and Recreation System Master Plan (Master Plan) following a comprehensive community engagement effort over several years. That Master Plan embodies this generation's vision of the legacy they want to leave, and it has been influential in the built park and recreation projects that have taken place since it was created.

Beginning in 2010, Roseville has made major investments in the parks and rereation system, called the Roseville Park and Recreation Renewal Program (PRRP). This $19 million program added improved and/or replaced amenities, including selective land acquisitions, new park buildings, playgrounds, natural resource restoration, trails and pathways, and other facilities. It touched every park in the system and post-project surveys clearly reflect how these improvements have been positively received by the public.

Beyond the PRRP, the Parks and Recreation System Master Plan continues to guide investments, such as current projects like the reconfiguration of Evergreen Park, the Cedarholm Community Building, and new playlots in southwest Roseville and on Marion Street in southeastern Roseville. As part of this public comprehensive planning process, it is evident that residents and leaders still strongly support the Master Plan and see value in continuing on the path it laid out. Therefore, this chapter of the Plan is primarily focused on updating any elements that have changed since 2010 and tying this vision strongly to the overall planning for Roseville as a whole.

1. What We Heard

Public Engagement

Parks, recreation, trails, and open spaces have been incorporated in every engagement tool used, including public meetings, intercepts, online surveys, walkabouts, meetings-in-a-box, focus groups, and stakeholder interviews. The message from the public has been very positive and consistent:

- People love Roseville's parks and recreation; they are one of the main reasons that residents appreciate Roseville.
- We are committed to following the master plan vision for parks, set in 2010.

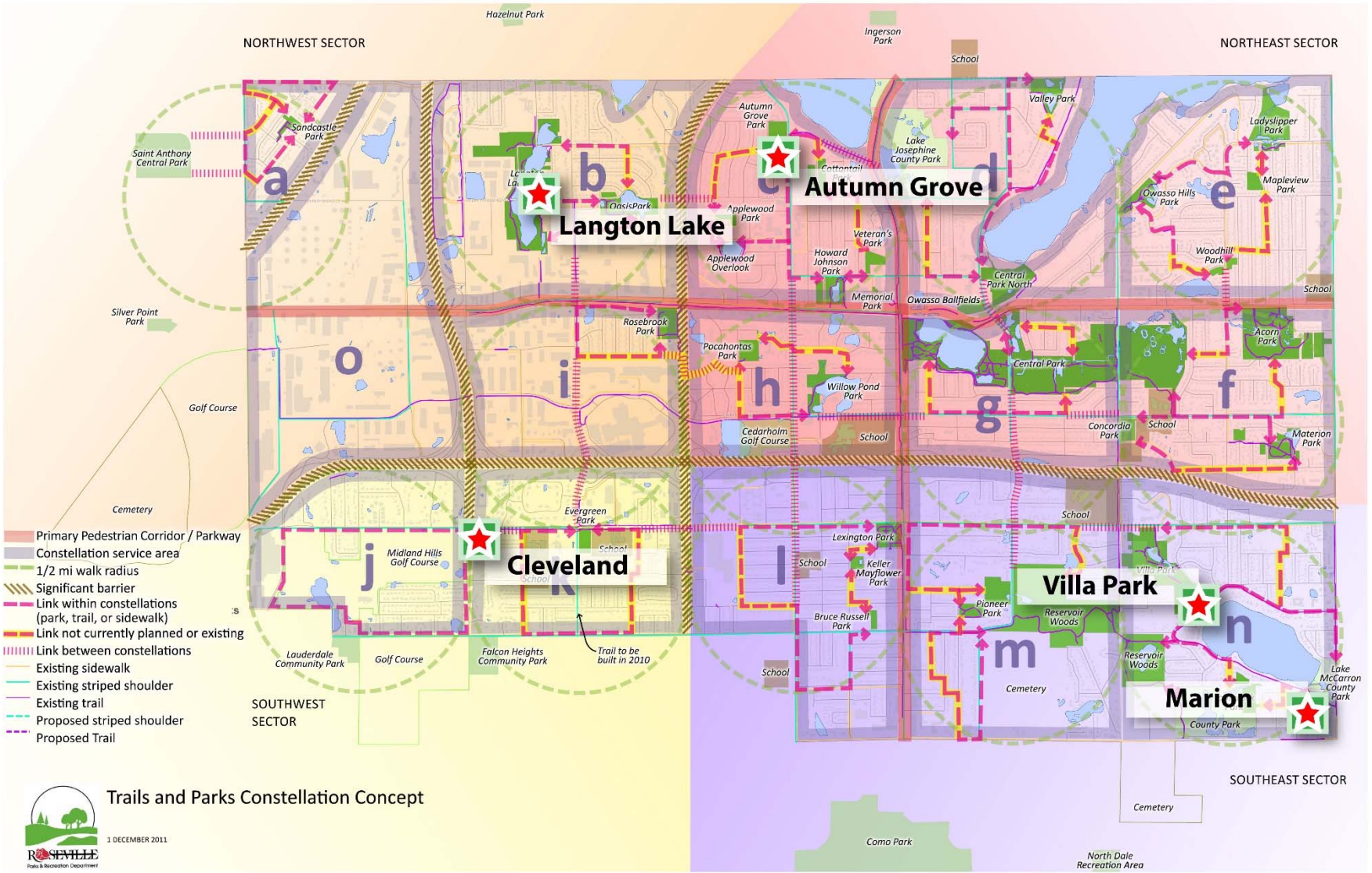
Parks and Recreation Commission

In addition to the public engagement process, the Parks and Recreation Commission has been reviewing and updating the goals and policies from the 2010 Master Plan through a series of meetings and exercises. They have verified their validity and are very supportive of continuing those elements with minor revisions. The "Goals and Policy" section below reflects those modestly revised statements.

2. 2010 Master Plan Updates

Since the adoption of the 2010 Parks and Recreation System Master Plan, Roseville has undertaken a number of projects within the parks as part of the PRRP and other efforts, and has acquired several new park spaces. Map 8-1 shows additions to the parks and recreation system.

MAP 8-1 ADDITIONS SINCE 2010 PARKS AND RECREATION MASTER PLAN: NEW PARCELS ADDED AT LANGTON LAKE, CLEVELAND, AUTUMN GROVE, MARION, AND VILLA PARKS



Current Projects

Current projects include:

- Constructing Cedarholm Community Building.
- Community process, design, and development for 2134 Cleveland Avenue site.
- Community process, design and development for 1716 Marion Street site.
- Parks and Recreation Renewal Program, with numerous projects city-wide.
- Parks and Recreation System Natural Resources Restoration.

Ongoing Priorities

Improving the distribution of park and recreation services in southwest Roseville remains an area of focus. Various strategies have been identified for southwest Roseville in the Master Plan, and undertaking those strategies is an ongoing priority that is pursued as it makes sense (refer to MAP 8-2). Several approaches are described in the Parks and Recreation System Master Plan to create a network of parks and recreation opportunities, building towards a system that looks more like the amount of parks and recreation opportunities provided in other sectors of Roseville.

Beyond southwest Roseville, it is a medium priority to acquire lots at Langton Lake, Acorn, or other areas where acquisition of a lot could complete a logical park outline. Securing trail easements is another possible strategy for completing a trail loop in locations such as Langton Lake. If housing density increases (for instance, if residential development is added around Rosedale), a similar approach would be used to that seen in southwest Roseville, but likely focusing on Park Dedication as the primary tool. Roseville Parks and Recreation will always consider other opportunities on a case-by-case basis, but adding new parks in well-served areas is a low priority.

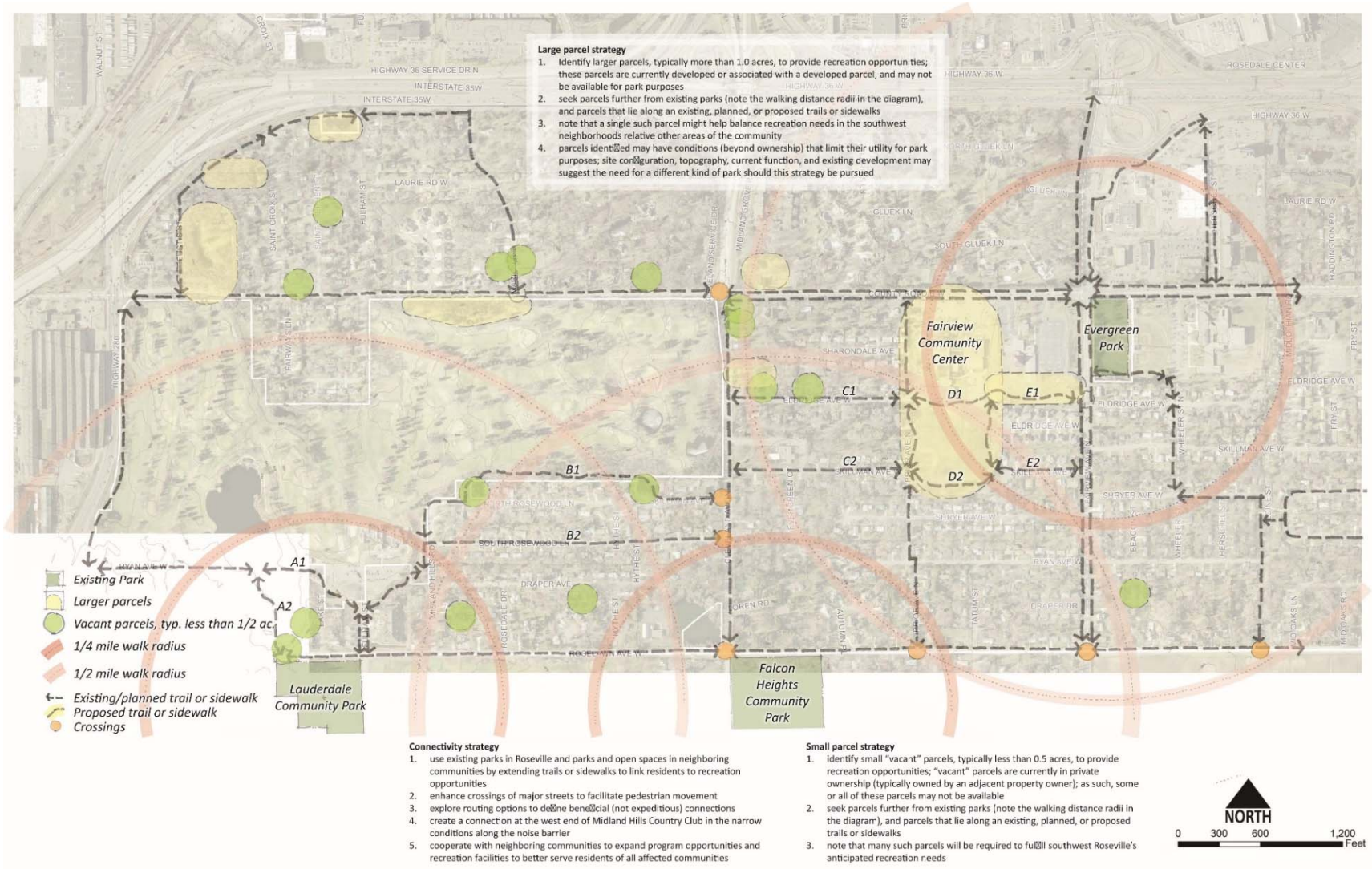
For all future potential land purchases, Roseville Parks and Recreation seeks willing sellers and reasonable prices. When a purchase is made, Roseville Parks and Recreation is always committed to going through their full community process for planning and design. The Roseville Parks and Recreation ADA Transition Plan is to assess current conditions and to achieve ADA compliance with every new and renovated project.

Coordination with Pathways Planning

The 2010 Master Plan provided a vision for connectivity between parks, housing, businesses, and schools. This was based on the "constellation" concept which generated more value within the system by connecting parks in logical ways (refer

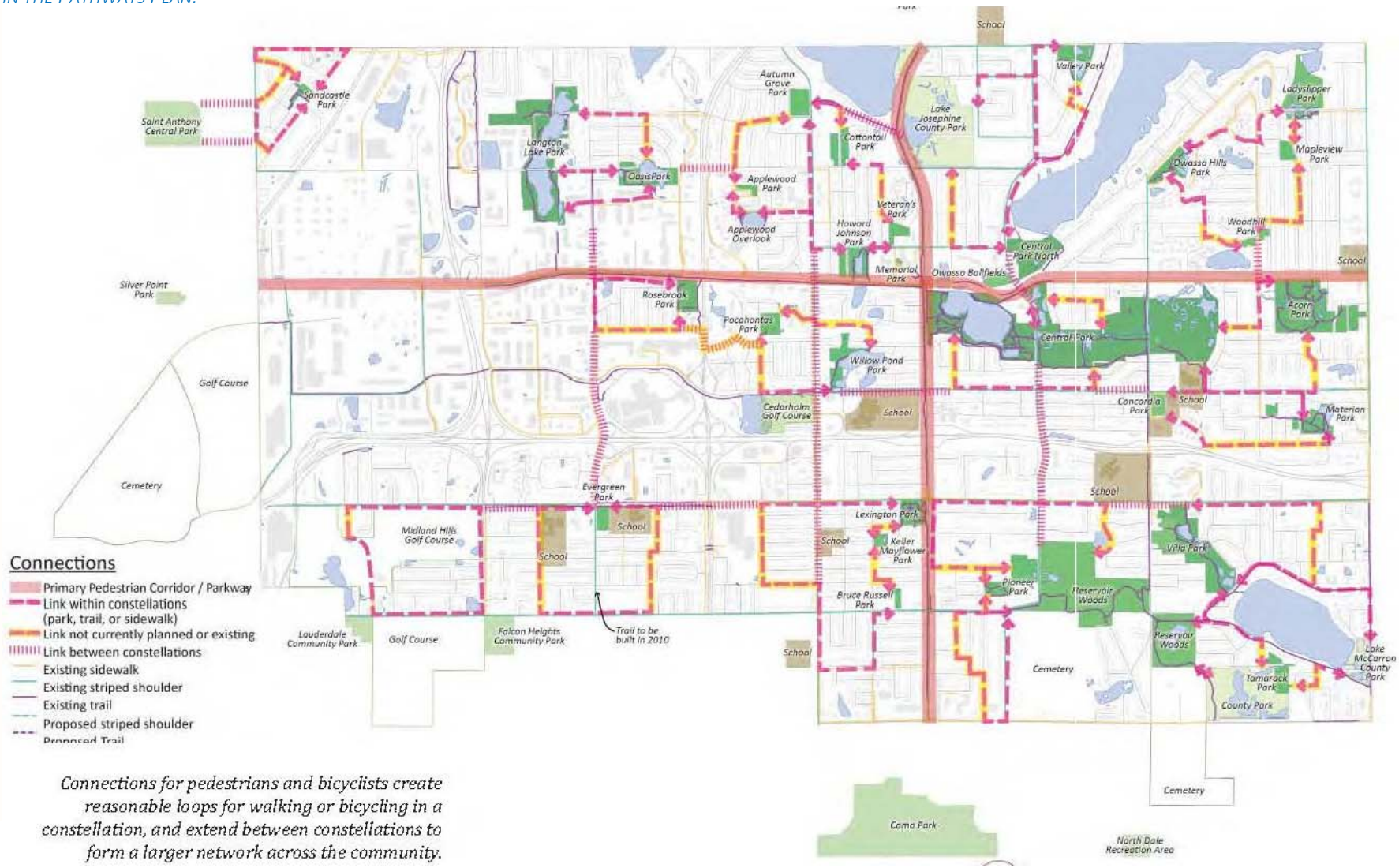
to MAP 8-3). With good connectivity, not every park has to provide duplicative services, and the park experience can extend into the surrounding neighborhoods. That approach remains the focus of Roseville Parks and Recreation, in coordination with the Pathway Master Plan.

MAP 8-2 SOUTHWEST ROSEVILLE APPROACH. *THIS MAP REPRESENTS A STRATEGY DEVELOPED IN THE PARKS AND RECREATION MASTER PLAN FOR PROVIDING A SERIES OF SMALLER, CONNECTED GREEN SPACES TO SERVE THE NEEDS OF THIS PORTION OF THE COMMUNITY AND REMAINS AN ONGOING PRIORITY FOR THE PARKS AND RECREATION DEPARTMENT. THE PARCEL AT THE CORNER OF CLEVELAND AVE. AND COUNTY ROAD B HAS BEEN ACQUIRED AND WILL BE DEVELOPED IN 2018.*



MAP 8-3: PATHWAYS CONSTELLATION CONCEPT. FROM PARKS AND RECREATION SYSTEM MASTER PLAN

THIS PLAN REPRESENTS THE TRAIL SYSTEM ENVISIONED TO SUPPORT A CONNECTED PARK SYSTEM, AND IT IS BEING DEVELOPED IN COORDINATION WITH THE TRAIL SYSTEM SHOWN IN THE PATHWAYS PLAN.



Coordination with Regional Facilities/Entities

Regional facilities are a valued asset to the park and recreation system and were recognized as part of the 2010 Master Plan. Regional facilities include (refer to MAP 8-4):

- McCarrons Lake County Park
- Josephine County Park
- County trails
- The Guidant John Rose Minnesota OVAL

Continued and expanded coordination has occurred since 2010, including the recent joint meeting between the Roseville and Ramsey County Parks and Recreation Commissions, aimed at creating more synergy between the facilities and programs provided by both entities.

3. GOALS AND STRATEGIES

The following goals and strategies originated from the 2010 Master Plan and were reviewed and confirmed by the Parks and Recreation Commission over the past several months. In most cases, the goals and strategies are unchanged, but minor revisions were made.

In addition, several of the goals and strategies described in other chapters are closely related to the policies in this chapter. In particular, policies related to the protection of trees and pollinators in Chapter 9, Resilience and Environmental Protection, and policies related to protecting surface water quality in Chapter 10, Surface Water Management, closely relate to this chapter's Natural Resource Policies.

* Items affected by revisions are identified by an asterisk in the list below.

Goal - Parks and Recreation Systems Management

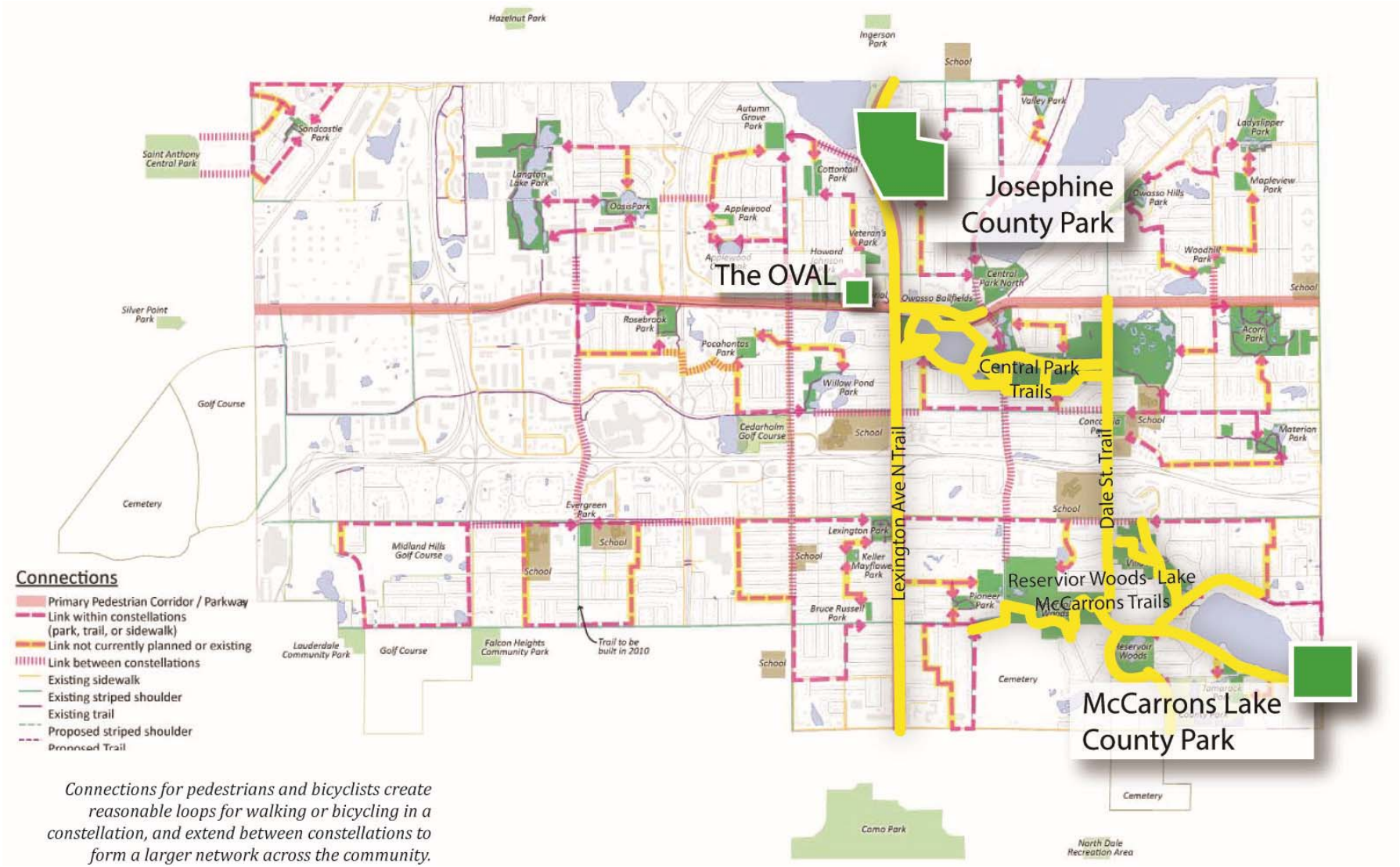
Maintain ongoing parks and recreation planning, maintenance, and asset management process that involves citizen engagement, adheres to professional standards, and utilizes prudent professional practices. Ensure timely guidance for protecting the community's investment in parks, open space, and recreation programs and facilities to enhance their long-term and sustained viability.

Strategies:

- Re-evaluate, update, and adopt a Park and Recreation System Master Plan at least every five years to reflect new and current trends, changing demographics, new development criteria, unanticipated population

densities, and any other factors that affect park and recreation goals, policies, and future direction of the system.

MAP 8-4 REGIONAL FACILITIES



Connections for pedestrians and bicyclists create reasonable loops for walking or bicycling in a constellation, and extend between constellations to form a larger network across the community.

- *Monitor progress on the Parks and Recreation System Master Plan annually to ensure that it provides actionable steps for maintaining improving, and expanding the system. Parks and Recreation Commission will review and track annually.
- Maintain and operate parks, open space, and recreation facilities in a safe, clean, and sustainable manner that protects natural resources and systems, preserves high-quality active and passive recreation opportunities and experiences, and is cost-effective.
- Consider staffing and resource needs in the evaluation of proposals for additions to parks, programs, and facilities.
- Use the Sector and Constellation organization structure as the basis for park, recreation program, and facility locations, development, and service delivery.
- Enhance neighborhood and community identity in the design of parks, programs, and facilities through public art, special events, and stewardship of natural features.
- Establish a service standard of having a neighborhood park or active play space in every park service constellation.
- Preserve parks and school open space areas as part of the City-wide systems plan for structured recreation space and unstructured preserved natural areas.
- Include Ramsey County park land and open space in planning and providing recreation services to Roseville residents.
- Seek partnership to provide the community with a greater diversity or number of parks and facilities, and to offer a more expansive catalog of programs and events.
- Seek sponsorships, scholarships, and other revenue streams to facilitate program fee reductions.
- Continue to coordinate, cooperate, and collaborate with adjacent communities, school districts, and governmental jurisdictions to leverage resources regarding the use of parks on common municipal boundaries and on joint programming where appropriate for mutual benefit to optimize open space, fitness, and recreation programming and facility options.
- Complete park concept plans for all parks.
- Evaluate the maintenance implications of potential park land acquisitions and capital improvements.
- Annually recommend the adoption of a 10-year Capital Improvement Plan (CIP) for Parks and Recreation.
- Use the procurement methods that deliver the best value for the community.

- Research, develop, and recommend to the City Council and citizens periodic bond referendums, park and trail dedication fees, urban forest management fees, special assessments, or other funding programs to reinvest in parks and recreation facilities needed within Roseville.
- Explore the potential for implementing a park service district as a means of creating a sustainable, independent source of local funding for the parks and recreation system.
- *Whenever possible, supplement the development and maintenance of parks and recreation lands and facilities with the use of non-property tax funds.
- *Pursue additional funding, such as local option sales tax or State bond funds, to support Roseville facilities of regional or State-wide significance.
- Discourage commercial uses in parks, programs, or facilities and/or parks and recreation facilities. However, commercial uses could be permitted in situations in which the proposed use complements the park or recreation function, is benign, or where it does not conflict with the purpose of the park, recreation facility, or the overall intent of the Parks and Recreation System Master Plan. In no case should a commercial use be permitted in designated conservation or natural use areas.
- Involve the Parks and Recreation Commission in the parks and recreation planning process. Support the Commission in its role as liaison between citizens and Roseville's elected officials and appointed staff to interpret citizen needs and interests and to recommend programs, facilities, and services that serve them. Stimulate additional volunteer involvement in the delivery and support of the parks and recreation system.
- Involve a diverse and representative group of participants in the parks and recreation planning process. Conduct active and continuous interaction within the community with neighborhoods, special interest groups, and individuals of all ages to achieve effective recreational programming and facility development.
- Parks and Recreation staff should play the key role in the delivery of parks, programs, and facility services. Community volunteers should be used whenever and wherever possible and appropriate to enrich the experience for the participant and volunteer.
- Develop and implement an ongoing public information and marketing program to inform the public of their investments, opportunities, and benefits of a quality parks and recreation system.
- Assign names, or change names, of City-owned parks or recreation facilities, in consultation with the Parks and Recreation Commission, based on natural habitat, geographic location, and appropriate non-descript terminology. Only under certain and exceptional circumstances will consideration be

given to names of individuals and/or organized groups, associations, or businesses.

Goal - Parks Development, Redevelopment and Rehabilitation

Provide a high-quality, financially sound system of parks, open spaces, trails, and waterways that meets the recreation needs of all City residents, offers a visual/physical diversion from the hard surfacing of urban development, enhances our quality of life, and forms an essential part of our community's identity and character.

Strategies:

- Evaluate and refurbish parks, as needed, to reflect changes in population, age, and diversity of residents, recreational activities preferred, amount of leisure time available, and best practice designs and technologies, and asset management strategies.
- *Orient parks and programs equitably to youth activities that focus on community building activities teaching them life-long skills, and exposing them to a variety of recreation experiences, and to adult activities which accommodate adults' needs for wellness and provide a range of social interaction opportunities.
- Focus parks on passive and active recreational activities and activities that take advantage of the unique natural features. Pursue opportunities for incorporating art and cultural programs, which enrich citizens' mental and emotional well-being, as a complement to primary physical focus of parks and recreation programs.
- Organize all parks and facilities so that a component is provided for informal, non-programmed activities – those open to anyone in the community, at any time.
- Maintain parks and open space according to the standards outlined in the Park Maintenance Manual which recognizes that levels of service must be provided based on the intensity of use and purpose of the site.
- Use innovative methods for park and facility improvements that offer lower lifecycle costs, even if the initial cost is higher. Develop park and recreation facilities that minimize the maintenance demands on the City by emphasizing the development of well-planned parks, high-quality materials, and labor-saving maintenance devices and practices.
- Promote and support volunteerism to encourage people to actively support Roseville's parks and open spaces.
- Encourage the preservation of features in parks considered to be of historic or cultural value, especially those features that do not conflict with other park uses and activities. Consider the potential of historic landscapes in

parks, including agricultural landscapes or features. Work to perpetuate those landscapes and other features of historic or cultural significance when they are identified through recognized investigations.

Goal - Parks and Open Space Acquisition

Add new parks and facilities to achieve equitable access in all neighborhoods, accommodate the needs of redeveloping areas, and meet residents' desires for a range of recreation opportunities serving all ages, abilities, and cultures.

Strategies:

- Ensure that no net loss of park land or open space occurs during alterations or displacement of existing park land and open space. If adverse impacts to park land or open space take place, ensure that mitigation measures include the acquisition of replacement park land of equal or greater size and value.
- As areas of Roseville evolve, and properties undergo a change of use and/or density, land should be dedicated to the community for park purposes to ensure adequate park facilities for those new uses.
- Determine potential locations and acquire additional park land in neighborhoods and constellations that are lacking adequate parks and recreation facilities.
- *Determine locations for new park and recreation facilities in redevelopment areas as part of the redevelopment process, and use the park dedication process to acquire appropriate land, prioritizing the purchase of properties adjacent to current park land.
- Make continued effective use of the Park Dedication Ordinance. Park land dedication will be required when land is developed or redeveloped for residential, commercial, or industrial purposes. Review annually park dedication requirements in order to ensure that dedication regulations meet statutory requirements and the needs of Roseville.
- Use park dedication funds to acquire and develop new land, in addition to other funding sources.
- Acquire properties necessary to implement adopted park concept plans and in Roseville's Comprehensive Land Use Plan, and consider other additions based on needs identified in the sector or constellation concept. Acquire land on a "willing seller" basis unless otherwise determined by the City Council.

Goal - Trails, Pathways, and Community Connections

Create a well-connected and easily accessible system of parks, open spaces, trails, pathways, community connections, and facilities that links neighborhoods and provides opportunities for residents and others to gather and interact.

Strategies:

- *Develop, adopt, and implement a comprehensive and integrated trails, pathways, and community connections system plan for recreation and transportation uses, including separate facilities for pedestrians and bicyclists (including off-road unpaved trails for bikers and hikers that offer new challenges while protecting resources). Distinguish the specific role of the Parks and Recreation Department in maintaining those facilities, separate from the Public Works Department's role in constructing and repairing them.
- Develop, adopt, and implement a Trails Management Program (TMP).
- Advocate the implementation of community parkways on the County Road C and Lexington Avenue corridors to accommodate pedestrian and bicyclist movement and inclusion of community character and identity features.
- Maintain the trail and pathway system through all seasons.
- Make the park system accessible to people of all abilities.
- Align development and expansion of non-motorized trails, pathways, community parkways, and other routes with the need to provide connections to and within parks, to open spaces, recreation facilities, and key destinations, as well as between neighborhoods, constellations, and sectors.
- Educate the public on the advantages and safe use of non-motorized trails, pathways, and community parkway connections.
- Develop clear and communicative signage and kiosks for wayfinding.

Goal - Recreation Programs and Services

Provide Roseville residents with opportunities to participate in a variety of recreation, athletic, wellness, art, social, learning, and environmental education activities and programs through well-designed, cost-effective, and relevant services.

Strategies:

- *Provide recreation programs and services that address the recreational desires of people of all abilities and all segments of the community including children, teens, adults, older adults, and diverse ethnic groups.

- Organize a variety of community special events that stimulate interest in recreation participation, promote community identity and pride, encourage volunteerism, and bring together all segments of the community.
- * Celebrate Roseville's heritage and cultural potential by acquiring and exhibiting quality works of art and historic artifacts, by providing access to a variety of performance arts, and by offering a diverse mixture of community events.
- *Administer all programs and services equitably to ensure that all individuals and groups receive adequate representation, seeking out those with little or no voice.
- Monitor new trends, patterns, and activities in recreation and leisure service programs and incorporate revisions to Roseville's programs to reflect these changes at a broader level.
- Establish ongoing communication, information, and marketing programs that broaden recreational interests and encourage participation in Roseville's recreation programs.
- Coordinate and cooperate with school districts, community, county, and state agencies, private businesses, and surrounding municipalities to provide diverse and extensive programs and services that are affordable to all participants.
- Facilitate community recreation groups by providing technical support, equipment storage, promotional assistance, mail boxes, and meeting space.
- Act as liaison to recognized community groups providing recreation programs and services.
- Evaluate all programs and services quarterly and annually for quality, participant satisfaction, financial feasibility, and community desirability.
- Develop and maintain a system of program fees and charges that assess direct costs to the participants, while remaining affordable to the community.
- Provide residents with community activities and events using subsidies or fee waivers through scholarships, sponsorships, or other methods of fee assistance.

Goal - Community Facilities

Locate, design, construct, and manage community facilities to meet the needs of current and future residents.

Strategies:

- Provide community facilities that include desired community amenities for recreation and social interaction, at an appropriate level within sectors and constellations.
- Assess community needs and desires for the use of existing community facilities and the need for additional space, renovated space, and improved space.
- Facilitate a system of community and recreation spaces in conjunction with the school districts that provides for both structured and unstructured times as managed and scheduled by the City.
- Define a strategy, identify a site, and confirm a program for implementing a community center.
- Manage and maintain facilities using best practices and cost-effective methods to provide desired recreation services.
- Leverage private involvement in the form of sponsorships, joint ventures, and contract for services to support facilities.

Goal - Natural Resources Management

Preserve significant natural resources, lakes, ponds, wetlands, open spaces, wooded areas, wildlife habitats, and trees as integral aspects of the parks system.

Strategies:

- Encourage dedication of parks, open spaces, and trails in new development and redevelopment areas, especially those that preserve significant natural resources and/or adjacent to the subject site.
- Create, adopt, and use Natural Resources Management Plans to preserve, restore, and manage the significant natural resources in the park system.
- Preserve wooded areas and implement an aggressive reforestation and forestry management program to ensure that Roseville has a substantial aesthetically pleasing and environmentally critical tree population in its parks, open spaces, boulevards, and other City property.
- *Provide community environmental education programs to increase the community's awareness, understanding, and appreciation of natural areas, including the need for trees, proper tree care, plantings procedures, and critical habitat for pollinators.

- Cooperate with the three watershed districts with jurisdiction over parks in Roseville to effect water quality improvement projects within parks, and to create landscapes that are sensitive to stormwater management goals for park lands. Work with the watershed districts to add features to parks that help park users appreciate the water quality improvements, focusing on features such as overlooks or seating areas that take advantage of views to surface water features, with educational and interpretive signage aimed at creating a better understanding of the need for attending to water quality in our parks and in the community. Work with the watershed districts to create park-like environments surrounding water quality improvement projects and stormwater management basins in non-park areas that are accessible to Roseville residents and the community's working population.
- Create landscape improvements and design parks to enhance opportunities for wildlife, where those improvements and facilities are not in conflict with other park uses or activities. Direct particular attention to the creation of wildlife habitat in parks, where wildlife would not be compromised by the presence of park activities.
- Promote and support volunteerism to encourage people to actively support Roseville's parks and open space.

* Denotes items affected by revisions

CHAPTER 9: RESILIENCE AND ENVIRONMENTAL PROTECTION

This resilience and environmental protection plan includes the following information:

1. What We Heard
2. Current Practices
3. Environmental Protection
4. Greenhouse Gas Emissions Reduction
5. Resilience
6. Renewable Energy
7. Environmental Education and Outreach
8. Goals and Strategies

With a vision of being a dynamic and sustainable community that proactively addresses evolving community needs, the City of Roseville is committed to enhancing its existing natural resources and strengthening its resilience – the community's ability to respond, adapt, and thrive under changing environmental conditions.

Roseville has a history of environmental stewardship, with wetlands, ponds, trees, and vegetative cover playing a key role in the physical, social, and economic development of the city. Building upon past efforts and current initiatives – ranging from benchmarking energy used within the City to leveraging university partnerships, to evaluate potential areas of improvement – this chapter identifies strategic areas of focus to protect natural resources and strengthen citywide resilience.

While other chapters describe pathways to social and economic resilience, this chapter focuses on environmental resilience. Improving citywide resilience can help protect against anticipated climate-related risks, while also strengthening the local economy, improving public health, and enhancing livability for all Roseville residents.

1. What We Heard

Public Engagement

Community members provided input on resilience and environmental protection during public meetings and community engagement events. Promotion of water quality and conservation, local solar energy installations, and public transit were common themes. A group of community members also submitted a written list of recommendations, with proposed goals related to greenhouse gas emissions reductions and a rapid citywide transition to renewable energy. Policy recommendations relevant to this chapter addressed: water stewardship, tree coverage and diversity, electric fleet vehicles, energy-efficient buildings, multi-modal transportation, and waste reduction.

2. Current Practices

Roseville's commitment to environmental protection and resilience is reflected in its participation in Minnesota's GreenStep Cities program, which is a voluntary challenge, assistance, and recognition program to help cities achieve their sustainability and quality-of-life goals. This program is based upon 29 best practices, which can be implemented by completing one or more actions that are tailored to Minnesota cities, focusing on cost savings, energy use reduction, and civic innovation.

Roseville became a GreenStep City in July of 2014 by City Council Resolution, became a Step 2 City in June of 2015, has been working towards achieving Step 3, and will continue work towards becoming a Step 3, 4, and 5 City.

The City has used this program to document action related to energy efficiency in City facilities and street lighting, land use policies that promote density, multi-modal transportation support, solid waste reduction, water management, and more.

Visit www.MnGreenStep.org to learn more about this program and to see what Roseville and other cities have accomplished. Additional detail about Roseville's current and past initiatives is provided in the Goals and Policies section below.

3. Environmental Protection

Water

Protection of Roseville's water resources is addressed in the Water Resources chapters of the Comprehensive Plan (Surface Water Management, Water Supply System, and Sanitary Sewer System).

Land

Background

The land underlying Roseville is itself an important resource. The soil contains the nutrients and micro-organisms that allow trees, gardens, and other vegetation to grow. Soil serves as natural filtration of precipitation as it seeps into surface waters and underground aquifers, and it slows runoff after rainstorms as it moves towards built storm water infrastructure. The land supports the foundations of the structures that make up the built elements of the community. The vast majority of Roseville's land has been put to use as residential neighborhoods, commercial and industrial districts, and parks and open spaces.

One of the current issues facing potential developers of property, is liability due to contaminated soils. Minnesota was one of the first states to address, through statutes, the liability issues associated with buying, selling, or developing property contaminated by hazardous substances. The Minnesota Land Recycling Act of 1992 provides statutory authority to quickly approve cleanup of contaminated properties and provide land owners and lenders assurances that minimize potential liability. The Minnesota Pollution Control Agency's (MPCA) Voluntary Investigation and Cleanup (VIC) program can streamline the time and expense of cleanup that may be required through a normal Super Fund process. The VIC program was established to provide standards for site investigation, MPCA review of the adequacy and completeness of investigation, and approval of cleanup plans to address identified contamination. Depending on the type and degree of contamination, the MPCA will provide various levels of assurance to voluntary parties completing response actions, property owners, financial institutions, and future property owners.

The Minnesota Petroleum Release Compensation Fund program has been utilized at several gas stations in the community to clean up contamination from leaking underground fuel storage tanks. This program provides 90 percent reimbursement of eligible cleanup costs, which include investigation, development of remediation plans, and cleanup of contaminated soils and ground water. It does not cover the costs of tank removal or replacement, or cleanup of non-petroleum tank leaks and spills.

Current and Past Initiatives

Tax increment financing (TIF) is a financial tool available in Roseville to assist with cleanup of contaminated soils. The City has used TIF for soil cleanup in the Twin Lakes area, as well as the Gateway Business Center. The City has also created a hazardous soil sub-district in the Twin Lakes area. Within this sub-district, the City can capture the frozen base taxes, which normally go to all the taxing districts, to fund a cleanup plan approved by the MPCA.

Trees

Background

Trees are a significant asset to the Roseville community. They provide color and interest to the urban landscape, filter air, manage stormwater, protect soil, conserve energy, reduce noise, provide wildlife habitat, and positively impact property values. Faced with increased threats from insects, diseases, and higher temperatures, establishing and maintaining tree diversity is critical to the resilience of the urban canopy.

Current and Past Initiatives

The City of Roseville has been a designated Tree City USA community for over 20 years. The Tree City USA program provides direction, technical assistance, public attention, and national recognition for urban and community forestry programs in thousands of towns and cities across the United States.

To protect and preserve the community's established trees as land is being developed or redeveloped, Roseville created a Tree Preservation and Restoration Ordinance (1011.04). The ordinance puts an emphasis on protecting trees, and if needed, replacing trees in a thoughtful manner to restore the canopy that has been disturbed. The Community Development Department and Planning Commission administers the Tree Preservation and Restoration Ordinance.

Roseville has also developed a Tree Master Plan to begin diversifying the city's urban canopy, and is currently looking to add more diversity as emerging threats to trees move into the metro area. Since Emerald Ash Borer (EAB) was identified in Roseville in 2013, the City has managed this infestation using the Best Management Practices plan established and implemented in that same year. The Plan requires most of the infested trees on public property be removed. Since the initial EAB infestation, Roseville has planted 180 trees on City boulevards. The Tree Master Plan calls for planting a different tree species approximately every 500 feet and has been used to guide this reforestation. The City Tree Board and City Forester administer the implementation of the Tree Master Plan.

Roseville's Parks and Recreation Department has been aggressive in its efforts to remove invasive/nonnative plant species from City parks, and to restore and manage the native prairie/savannas, woodlands, wetlands, and shorelines. The Parks and Recreation Department has continued that commitment in its current Goals and Policies, described in Chapter 8. In particular, the Natural Resources Management policies speak specifically to the role of the park system in preserving trees and other sensitive habitats. Much of the success of these efforts is due to the physical work of many community volunteers.

In 2017, the City partnered with a team of students in the Environmental Sciences, Policy, and Management Degree program at the University of Minnesota. The Capstone project's goal was to examine the current tree canopy composition within the city, identify potential threats to the current species (diseases, insects, warmer climate, etc.), and make recommendations to help increase tree diversity. A report was created that highlights specifics about the City's current tree diversity, and is available on the City website, or at City Hall. The report includes six recommendations that will foster programs and actions that will add to the number and diversity of trees in Roseville:

- Implement emerald ash borer removal and canopy replacement plans that address treatment and removal costs.
- Increase urban canopy and species diversity to ensure resilience against disease and climate change.
- Focus on expanding the tree canopy in the designated priority areas.
- Conduct a tree survey by volunteers to collect information on the City's urban forest.
- Organize an Arbor Day tree sale to engage citizens.
- Apply for grants from several sources to fund planting opportunities.

Pollinators

Background

The US Department of Agriculture (USDA) estimates that pollinators play an essential role in the life cycle of almost 90 percent of our earth's plant species. Whether it is a hovering hummingbird, lumbering beetle, or one of over 350 Minnesota bee species visiting a flower in the backyard, these animals and many others contribute to a process called pollination. Examples of pollinators are bees, flies, beetles, butterflies, moths, birds, and bats. Bees have proven to be some of the most effective pollinators, and as a result are the focus of many pollination efforts.

Pollination occurs when the pollen from one plant reaches the stigma of another, usually when carried there by a pollinator. This process initiates the formation of

fruits, nuts, and seeds that will later be consumed and disbursed. Without pollinators, there is no seed formation, which means future generations of plants and the creatures that rely on them are at risk of decline. According to the USDA, 75 percent of the fruits, nuts, and vegetables grown in the United States are pollinated by native bees.

In recent years, there has been a dramatic decline in pollinator species. Pesticides, pests and pathogens, loss of habitat, and lack of available nutrition are part of an unfortunately long list of factors which have led to depressed immune systems, a decrease in genetic diversity, and ultimately the decline of pollinator populations.

Current and Past Initiatives

The City of Roseville has adopted practices to make our city a place where pollinators can thrive. In June 2017, City Council passed Resolution No. 11422, committing the City to developing even stronger policies and practices to help protect pollinators.

Roseville provides habitat for pollinators through preservation of acres of natural vegetation, through enhancement of natural habitats, creation of new habitat during City projects, and by altering existing turf grass right-of-way areas to pollinator-friendly plantings.

The Parks and Recreation Policies were updated to encourage developing habitat for pollinators, as described in Chapter 8. Additional policies regarding natural resources management in Roseville's parks system are described in the Parks, Recreation, Trails, and Open Space chapter.

4. Greenhouse Gas Emissions Reduction

Background

Since greenhouse gases (e.g. carbon dioxide) trap heat within the atmosphere, acting to reduce these emissions can help mitigate future climate risks.[1] Minnesota Statute 216H.02 establishes a goal "to reduce statewide greenhouse gas emissions across all sectors producing those emissions to a level at least 15 percent below 2005 levels by 2015, to a level at least 30 percent below 2005 levels by 2025, and to a level at least 80 percent below 2005 levels by 2050." The latest statewide analysis shows that Minnesota is not currently on track to achieve these

[1] Wuebbles, D.J., D.W. Fahey, K.A. Hibbard, B. DeAngelo, S. Doherty, K. Hayhoe, R. Horton, J.P. Kossin, P.C. Taylor, A.M. Waple, and C.P. Weaver, 2017: Executive summary. In: *Climate Science Special Report: Fourth National Climate Assessment, Volume I* . U.S. Global Change Research Program, Washington, DC, USA, pp. 12-34, doi: 10.7930/J0DJ5CTG.

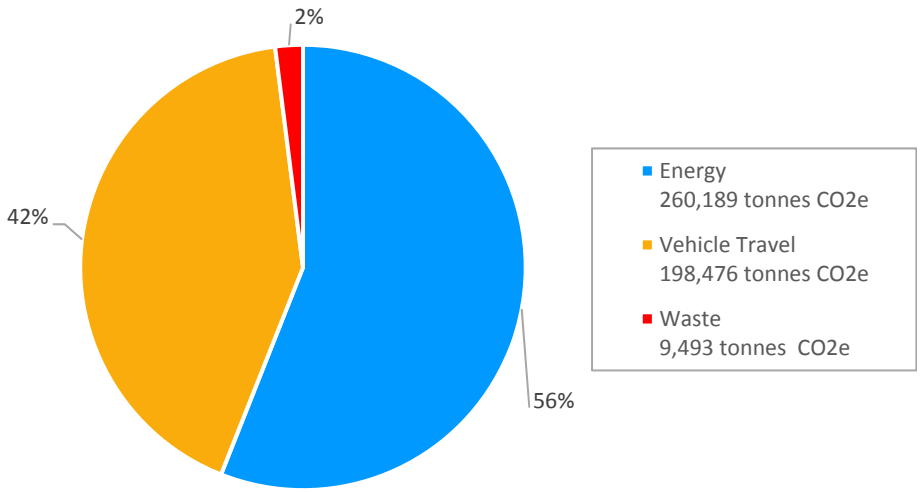
targets, with only a 4% reduction from 2005 levels in 2014.[2] With many human activities contributing to the emission of these gases – from driving to work to burning natural gas to heat a home – local governments like the City of Roseville can have a strong influence on the emissions caused by activities within its boundaries. Roseville can lead by example to reduce emissions from City operations through strategies like improving building and fleet efficiency and replacing fossil fuel use with renewable energy. Additionally, the City can use education, incentives, and regulation to impact emissions from residents and businesses.

According to the Regional Indicators Initiative, in 2016 Roseville is attributed with an estimated 13.1 tonnes of carbon dioxide equivalents (CO_2e) per person for a total of 468,159 tonnes.[3] The greatest source of greenhouse gas (GHG) emissions in the community comes from building energy consumption, making up 56 percent of total emissions (**FIGURE 9-1**). Broken down by sector, the commercial and industrial sector accounts for 39 percent, while residential energy use accounts for 17 percent of all emissions. Broken down another way, electricity emissions account for 33 percent and natural gas emissions account for 23 percent of the community's total. Emissions for vehicle travel make up 42 percent, and treatment of municipal solid waste is 2 percent. Additional sources of emissions not included in this analysis come from air travel and wastewater treatment.

[2] Minnesota Pollution Control Agency, "Minnesota's GHG emissions: 1990-2014 and Next Generation Energy Act goals," 2017, doi:10.1007/978-1-4419-7991-9.

[3] Metric tons (tonnes) of carbon dioxide equivalent (CO_2e) is the typical unit used for greenhouse gas inventories. Along with carbon dioxide, CO_2e includes other greenhouse gases (methane and nitrous oxide) that are weighted based on their global warming potential. A metric ton is equal to 1.102 short tons.

FIGURE 9-1 ROSEVILLE'S COMMUNITY-WIDE EMISSIONS (2016 ESTIMATE). SOURCE: REGIONAL INDICATORS INITIATIVE



Current and Past Initiatives

As signatories of the U.S. Mayors Climate Protection Agreement in 2007, Roseville's 2030 Comprehensive Plan committed to striving to meet the targets identified in the Kyoto Protocol. Since then, the City has:

- conducted an emissions inventory through the Clean Air Climate Protection software,
- developed and started implementing a campus-wide geothermal master plan,
- engaged with University of Minnesota students and Minnesota's Clean Energy Resource Teams to identify and evaluate potential emissions reduction strategies,
- joined Minnesota's GreenStep Cities program and become a Step 2 City,
- started tracking facility energy use through Minnesota's B3 Benchmarking program, an online platform that facilitates building energy data tracking and analysis,
- started exploring opportunities for solar energy installations on City facilities, and
- started tracking community-wide energy, water, travel, waste, and emissions data through the Regional Indicators Initiative.

Bringing these efforts together into a Greenhouse Gas Action Plan will help identify, quantify, and prioritize emissions reductions strategies that support other community goals.

5. RESILIENCE

Background

According to the Minnesota Pollution Control Agency, increases in the global surface temperature and changes in precipitation levels and patterns are expected to continue and intensify for decades, regardless of mitigation strategies currently being implemented. In turn, these changes in climate have impacts on the economy and health of local communities.

Weather and climate shape our economy. The National Aeronautics and Space Administration (NASA) explains that weather represents the conditions of the atmosphere over a short period of time, and climate represents how the atmosphere "behaves" over relatively long periods of time. Temperature impacts everything from the amount of energy consumed to heat and cool homes and offices to the ability for some workers to work outside. Temperature and precipitation levels not only determine how much water we have to drink, but also the performance of entire economic sectors, from agriculture to recreation and tourism. Extreme weather events, like tornadoes, hail storms, droughts, and inland flooding can be particularly damaging. In the decade from 2007 – 2016, extreme weather events have caused 51 deaths and more than $624 million in property damage in Minnesota. This compares to nine deaths and $263 million in property damage from 1980 – 1989 (NOAA National Centers for Environmental Information).

In addition, climate conditions affect the quality of life and life safety of communities – particularly those populations especially sensitive to climate impacts. Extreme weather events linked to climate change have the potential to harm community member health in numerous ways. Rising temperatures, for example, can result in a longer-than-average allergy season, erode air quality, and prolong the stay and increase the population of insects, increasing the risk of vector-borne diseases. Climate impacts also exacerbate economic challenges that can directly impact the ability of at-risk populations to cope, while creating more exposure to dangerous living/working conditions and poor nutrition.

Strengthening community resilience is rooted in an ongoing assessment of potential vulnerabilities, anticipation of potential climate impacts, development and implementation of strategies to address those vulnerabilities, and communication and outreach to the members of the community.

Current and Past Initiatives

The City completed a *Population Vulnerability Assessment and Climate Adaptation Framework* in February 2018. This report identifies habitats, infrastructure, and neighborhoods that are more vulnerable to the climate change risks described above and recommends adaptation strategies.

6. Renewable Energy

Background

In addition to providing clean sources of energy that have much lower environmental impacts than fossil fuels, local renewable energy systems can provide local economic opportunities and can help increase energy security if there are disruptions to the global energy supply.

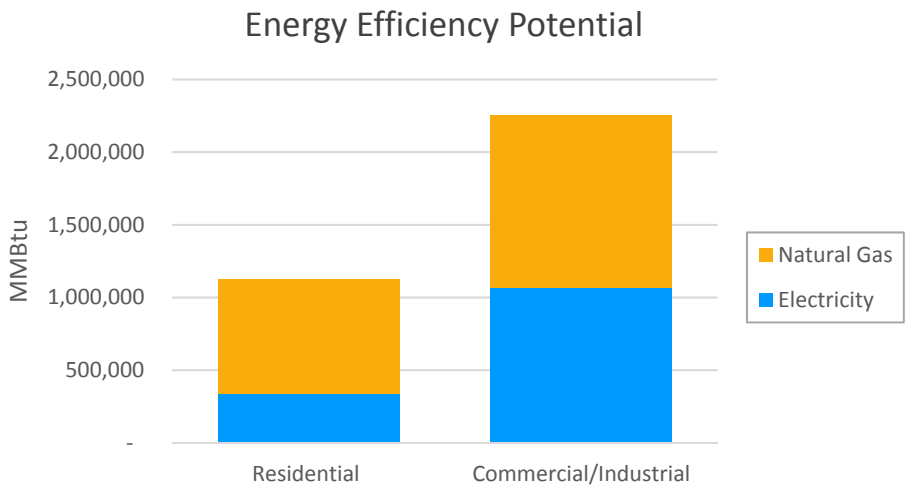
While Minnesota does not have an indigenous fossil fuel supply, the state does have many renewable energy resources available for development. The following list includes excerpts from the "Existing Energy Conditions" report developed through the Minnesota Local Government Project for Energy Planning.

Energy Efficiency Resource:

The most cost-effective clean energy resource is efficiency, which can be achieved through strategies like weatherization, efficient equipment, and efficient building operations. With Roseville residents and businesses spending $55.8 million each year on electricity and natural gas, efficiency also represents an opportunity for cost savings.

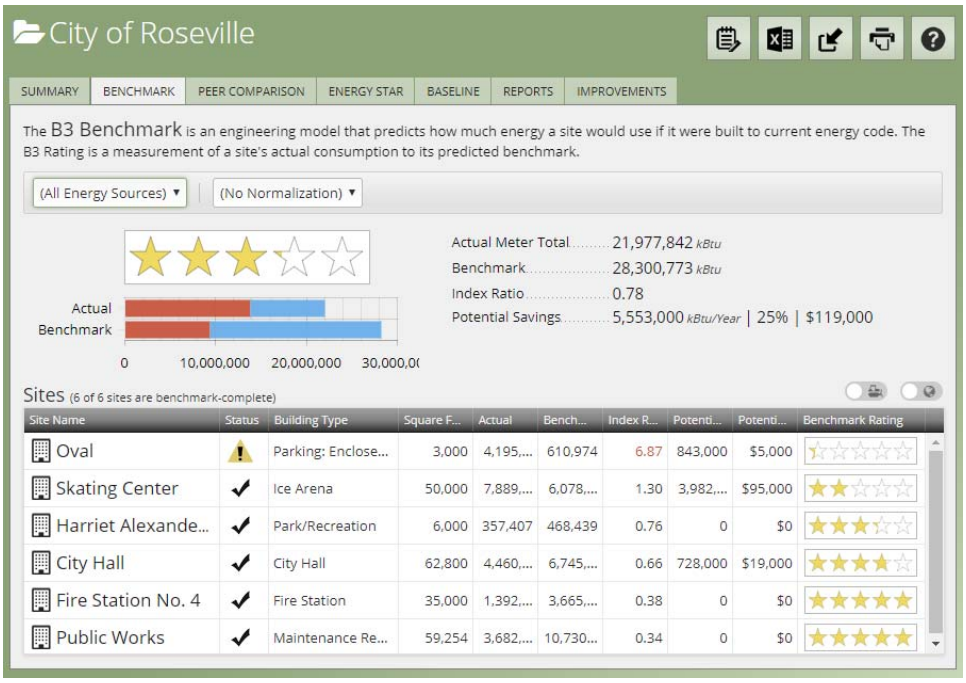
As shown in the Regional Indicators Initiative graphic summary (**Figure 9-2**), two-thirds of energy consumed within the city's buildings is being used by commercial and industrial customers, despite making up only 13 percent of the total number of premises, making this sector a strong efficiency resource. These customers also use a greater percentage of electricity than residential customers, which is currently more carbon-intensive than natural gas. However, the residential sector also provides an efficiency resource; since residential efficiency improvements are typically more standardized than commercial strategies, they may be easier to apply broadly.

FIGURE 9-2 THE CURRENT ENERGY USE IN ROSEVILLE'S BUILDINGS INDICATES THE POTENTIAL EFFICIENCY RESOURCE (DATA FROM 2016). SOURCE: XCEL COMMUNITY ENERGY REPORT (ACCESSED JANUARY 22, 2018).



There is also potential for energy efficiency within City-owned facilities, which represent about 0.6 percent of the community's total energy use (**FIGURE 9-3**). Energy use in City buildings is tracked through Minnesota's online B3 Benchmarking platform. By comparing the actual, observed energy use in Roseville's buildings to code-based benchmarks, B3 Benchmarking has identified an energy savings potential of 25 percent, primarily in electricity.

FIGURE 9-3 ELECTRICITY IS SHOWN IN RED, NATURAL GAS IN BLUE. SOURCE: B3 BENCHMARKING (2017 DATA).



Xcel Energy offers incentives to residential and business customers to help increase energy efficiency. Participation rates for these programs can be found in Xcel Energy's Community Energy Reports. For Roseville, 2016 participation rates by businesses and residents are shown in the table below, with savings equivalent to 1.4 percent of community-wide electricity and 0.6 percent of natural gas.

TABLE 9-1 ROSEVILLE PARTICIPATION IN CONSERVATION IMPROVEMENT PROGRAMS IN 2016. SOURCE: XCEL COMMUNITY ENERGY REPORT (ACCESSED JANUARY 22, 2018).

Sector	Rebates Given	Electricity Savings (kWh)	Natural Gas Savings (Therms)
Business	160	5,372,024	32,328
Residents	1,082	520,801	90,186

Utility companies can manage the electric load through demand response programs. These programs incentivize consumers to allow the utility to ramp down appliances (e.g. Saver's Switch® for central air conditioning) or other larger electric equipment to relieve congestion from the electric grid during times of high use. In 2016, more than 298 Roseville businesses participated in such programs, creating 5,630 kW of available capacity; 5,782 residential customers participated, creating a load management resource of 3,147 kW.

Transportation efficiency is another significant resource, comprising over 40 percent of the City's GHG emissions and a significant portion of energy expenditures. Ramsey County is already active in working with its local governments and the Metropolitan Council to encourage transit use and expand the reach of multi-modal transportation infrastructure.

Solar Energy Resource:

The University of Minnesota developed a high-resolution statewide solar resource map that allows cities to calculate potential electricity generation from local solar energy systems. This data (see Roseville Solar Potential Map, **MAP 9-1**) was used to calculate Roseville's solar resource or "solar reserves," shown in the table below. The solar reserves represent how much solar energy is reasonably economically available for development – similar to how oil or gas reserves are measured – not considering individual site limitations due to roof structure, ownership, or local regulations that might limit solar installations. The gross potential includes the total available resource, regardless of location; rooftop capacity and generation include only the resource available on the rooftops of buildings located in the City.

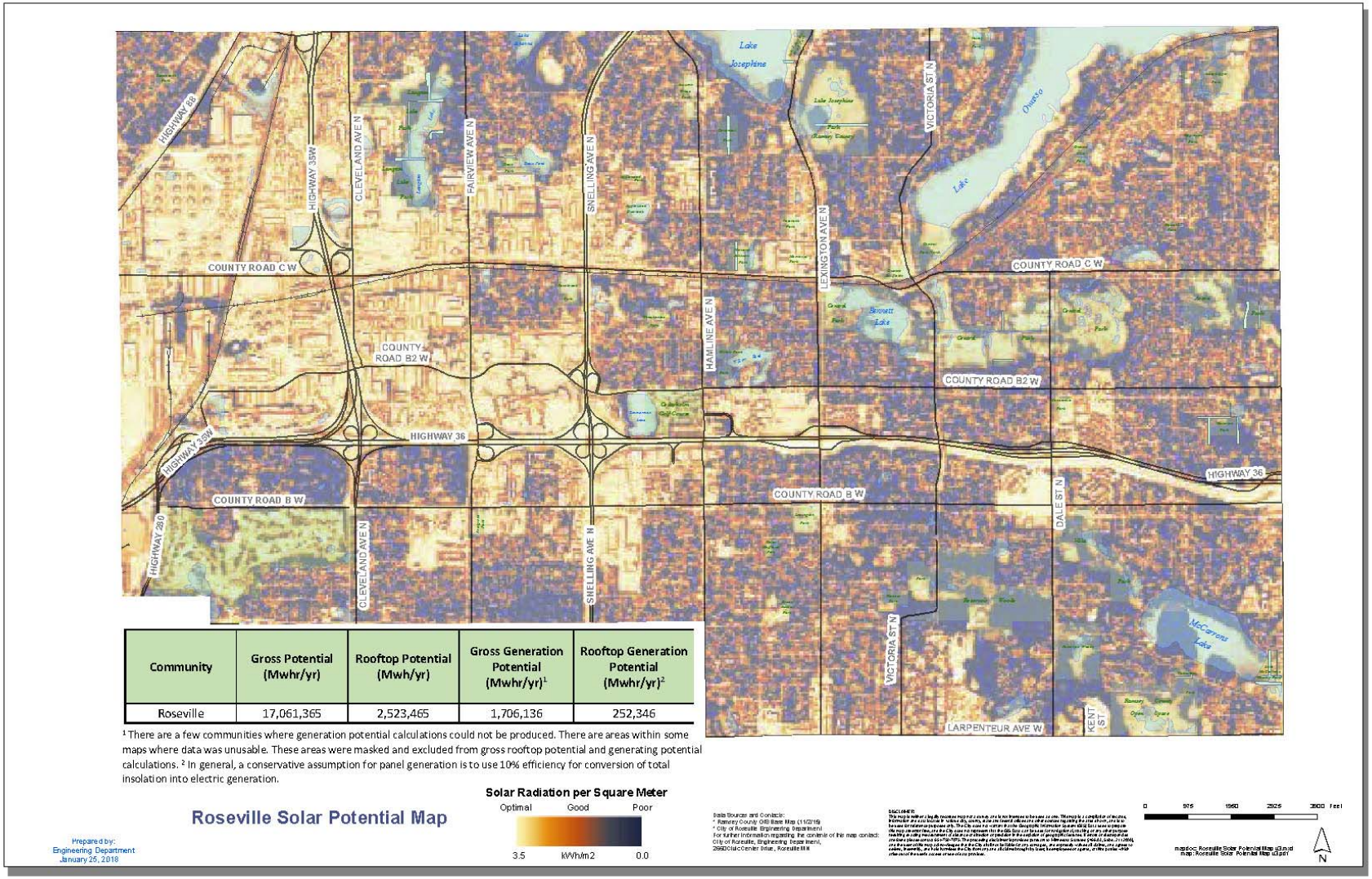
TABLE 9-2 ROSEVILLE SOLAR RESOURCE. SOURCE: METROPOLITAN COUNCIL AND GREAT PLAINS INSTITUTE.

Gross Generation Potential (MWh/year)	Rooftop Generation Potential (MWh/year)	Rooftop Capacity (MW)	Top Ten Rooftop Generation Potential (MWh/year)
1,706,136	252,346	194	29,272

This analysis estimates that the City of Roseville has enough solar reserves to generate 252,346 MWh/year through rooftop solar energy (**TABLE 9-2**), equal to approximately 61 percent of the electricity currently consumed within the city. The top ten rooftops alone have enough solar resource available to meet 7 percent of the electricity currently consumed within the city. This analysis does not include the impact of potential energy efficiency measures or the potential for ground-mount systems, which would increase the percentage of citywide electricity that can be met through solar.

In its 2016 Community Energy Report, Xcel Energy reports that there are six on-site commercial solar installations within Roseville, with a total capacity of 167 kW. These installations produced 54,961 kWh in 2016. For residential, Xcel reports 39 on-site solar installations with a total generating capacity of 291 kW. These residential installations produced 81,976 kWh in 2016. These yields are reported through Xcel's Solar*Rewards program. Many installations had been made through the Made in Minnesota Program as well: 18 residential installations with a total capacity of 140 kW and one commercial installation with a capacity of 39.4 kW.

MAP 9-1 ROSEVILLE SOLAR POTENTIAL



Community	Gross Potential (Mwhr/yr)	Rooftop Potential (Mwh/yr)	Gross Generation Potential (Mwhr/yr)[1]	Rooftop Generation Potential (Mwhr/yr)[2]
Roseville	17,061,365	2,523,465	1,706,136	252,346

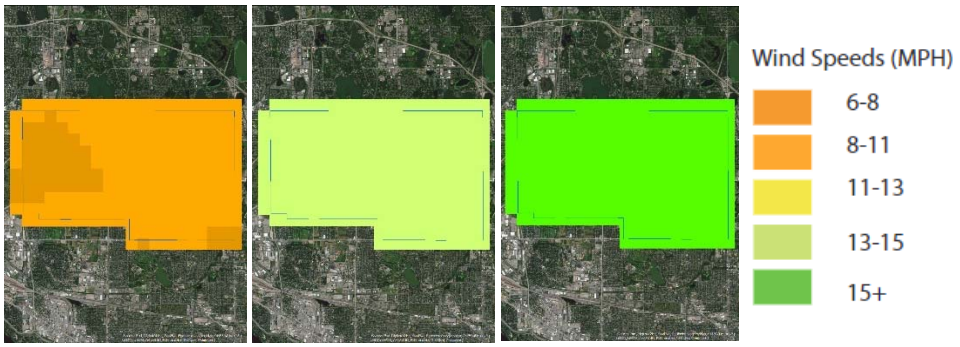
[1] There are a few communities where generation potential calculations could not be produced. There are areas within some maps where data was unusable. These areas were masked and excluded from gross rooftop potential and generating potential calculations. [2] In general, a conservative assumption for panel generation is to use 10% efficiency for conversion of total insolation into electric generation.

Wind Energy Resource:

A good wind energy site needs to meet a number of characteristics, such as: a good wind resource; soils that can support the weight of the turbine; a site large enough to accommodate safety setbacks from neighboring properties, structures, or other uses; and surrounding land uses for which the visual impact and potential nuisances will not create a conflict.

The Minnesota Department of Commerce developed wind speed maps at a 500-meter resolution to give a general sense of the wind resource at various tower heights (**FIGURE 9-4**); these maps are not appropriate for a specific site assessment.

FIGURE 9-4 WIND SPEEDS AT DIFFERENT TOWER HEIGHTS IN ROSEVILLE. SOURCE: MN DEPARTMENT OF COMMERCE.



30 meter tower 80 meter tower 100 meter tower

According to the Minnesota Department of Commerce, the minimum average annual wind speed required for a good wind resource is 12 miles per hour. At 30-meter heights (about 100 feet), Roseville has an average wind speed of less than 11 mph. At 80 meters (about 260 feet), wind speeds are more favorable – between 13 and 15 mph throughout the city. At 100 meters (about 330 feet), wind speeds are over 15 mph throughout the city. As a suburban community with some urban and rural characteristics, Roseville may or may not be suitable for the taller towers needed for productive wind energy systems.

Alternatively, residents and businesses can participate in Xcel Energy's Windsource® or Renewable*Connect programs. These programs provide the clean energy benefit of having local wind (and solar) energy, although the economic benefits of clean energy development are realized elsewhere. According to Xcel Energy, seven businesses are subscribed to a total of 642,209 kWh, and 702 residences are subscribed to a total of 1,884,077 kWh in Roseville as of 2016. This amounts to 0.6 percent of the community's total electricity use.

Biomass Resources:

Fuel derived from biomass can be used in several processes as a source of renewable energy, including electricity, waste heat, and renewable gas. Minnesota has several facilities that use biomass to generate electricity and/or heat. Biomass resources include municipal solid waste, landfill gas, wood waste, agricultural byproducts, food processing residue, and other organic waste. Much of the biomass resource can come from the metropolitan area, particularly for solid waste and landfill gas, as well as yard waste.

Information about the type of biomass resources at the community level is difficult to acquire; there is little standardized assessment of potential biomass resources, and the types of resources vary widely across communities. At present, Ramsey County operates public compost sites for the disposal of leaves, grass clippings, brush, and other compost materials, and the City collects and composts leaves. Additionally, residents can bring their food waste and non-recyclable paper to Ramsey County Yard Waste sites and other dedicated Organics Recycling facilities.

The draft Solid Waste Management Master Plan from Ramsey County focuses on reducing risk to environment and public health, increasing waste to energy, reducing waste through recycling and composting, and reducing greenhouse gas emissions. Among the emerging technologies being considered is the utilization of organic waste as a feedstock for anaerobic digestion. There will likely be opportunities for the City to collaborate with Ramsey County to increase composting and maximize the benefits of organic material.

Current and Past Initiatives

City of Roseville staff and Public Works, Environment & Transportation Commission (PWETC) is currently studying the utilization of solar energy to help reduce demand for non-renewable energy sources. City staff has met with different solar representatives from installers, financers, non-profit organizations, and the State to look at available options. Each option presents different payback periods, upfront costs, long-term maintenance, grant funding, etc. These considerations will help determine the best course of action to help reduce City energy costs over the next 20+ years.

Other ongoing ways that the City encourages residents and businesses to conserve energy or take advantage of renewable sources available on-site include:

- partnering with the Minnesota Center for Energy and Environment (CEE) to offer a variety of home improvement loan options,
- referring residents to Ramsey County's Home Improvement and Suburban Weatherization loan programs,

- teaming up with Xcel Energy up to give 200 Roseville residents a free $60 energy audit each year, and
- connecting residents to the CEE Lending Center for zero-percent financing on a 10-year forgivable loan for up to $6,500 for energy conservation improvements.

Currently the City is looking at the City Hall rooftop, where there is potential to have substantial energy savings over the course of the lifetime of a photo-voltaic (PV) system. Staff will be meeting with consultants in 2018, with the goal of installing a solar PV system on the City Hall Campus by the end of 2019.

The City is also studying Community Solar Programs. Through these programs, an entity can install larger solar arrays on rooftops or ground-mounted systems. Roseville residents, businesses, faith organizations, etc., could purchase a share of the solar garden to help offset their demand for non-renewable energy.

Another program that the City is working to participate in is SolSmart through the Metropolitan Council. SolSmart is a local government designation program designed to recognize communities that have taken steps to improve solar market conditions. Communities pursuing SolSmart designation, regardless of their level of solar energy experience, can receive no-cost technical assistance (similar to consulting services) from a team of national solar experts.

SolSmart designation at the Bronze, Silver, or Gold level will provide high-profile, national recognition for communities that have made it faster, easier, and more affordable for residents and businesses to invest in solar energy. Achieving designation will signal that a community is "open for solar business," attracting new solar businesses and gaining the economic development benefits attached to solar market development.

7. Environmental Education and Outreach

Background

One of the most cost-effective and efficient ways to protect the environment is through education. By working with residents, businesses, and schools to identify ways to promote environmental awareness, the City can help create durable public will for resilience and environmental stewardship.

Current and Past Initiatives

The City sponsors many programs and events on a local and regional level that focus on preserving and enhancing the environment. In 2017, the City partnered

with a team of students in the Environmental Sciences, Policy, and Management Degree program at the University of Minnesota to identify ways that the City could improve upon current education and outreach strategies. A goal of the project was to help develop a strategy that would create social influence by providing a consistent and dependable message for the residents. While this Capstone project focused on education and outreach related to stormwater management and water quality, the three recommendations listed below can also be applied to other environmental protection issues.

- Partner with watershed districts and Blue Thumb (www.bluethumb.org) to provide educational materials on stormwater management for residents.
- Strengthen engagement of community members through residential certification programs.
- Utilize a multi-faceted toolkit to reach multiple audiences through various outreach methods.

8. Goals and Strategies

Resilience relies on a combination of social, environmental, and economic vitality. As such, nearly all the citywide goals established in Chapter 2 support a resilient city, with topics ranging from safety and city services, to diversity and community-building. While most of these goals are addressed in other sections of the Comprehensive Plan, the two related directly to environmental protection are emphasized in this chapter:

- **Preserve and enhance soil, water, and urban forest resources.**
- **Conserve energy and reduce pollution.**

The following goals and strategies outline a path forward that supports Roseville's vision as an environmentally healthy community, related to the themes presented earlier in this chapter are as follows:

Goal – Environmental Protection: Protect, preserve, and enhance Roseville's water, land, trees, and pollinators for current and future generations.

Strategies:

Land:

- Continue to use TIF to assist with environmental cleanup on sites identified as economic development priority or opportunity areas.

Trees:

- Finalize and implement a management plan for ash trees on park land and streets.

- Conduct a citywide survey, and inventory to the extent feasible, of the tree canopy. This would include all trees in both public and private areas
- Modify procurement policies, as necessary, to ensure diversity of tree species on City property.
- Promote tree diversity on public and private lands, including establishment of diversity requirements, as part of any development of commercial or multi-unit residential property.
- Expand tree canopy in priority areas.
- Create policies and procedures on proper tree planting for all City installations and promote this to residents.

Pollinators:

- The City shall review its practices for the use of insecticides and use best practices to limit systemic insecticide uses on City property, including insecticides from the neonicotinoid family where possible, and will encourage commercial applications to be free of systemic insecticides, including neonicotinoids where possible.
- The City shall undertake its best efforts to plant native plants and plants favorable to bees and other pollinators in the City's public spaces.
- The City shall undertake its best efforts to communicate to all Roseville property owners, residents, businesses, institutions and neighborhoods the importance of creating and maintaining pollinator-friendly habitat, and will encourage residents and business to use the pollinator-friendly practices including:
  - Reducing the use of pesticides, including systemic insecticides, on their property;
  - Avoiding planting flowering plants that are treated with systemic insecticides; and
  - Planting more pollinator forage on their property and adopting organic or chemical-free lawn and landscaping practices.
- The City shall provide information and avenues to identify pollinator-friendly plants and other opportunities.

Goal – Greenhouse Gas Emissions: Support Minnesota's Next Generation Energy Act goal of an 80 percent reduction in community-wide greenhouse gas (GHG) emissions, from 2005 levels by 2050, through leading by example in addition to education, incentives, and regulation to encourage action by residents and businesses.

Strategies:

- With appropriate community engagement, develop a Greenhouse Gas Action Plan to establish City-specific energy and greenhouse gas reduction goals, and select strategies to reduce emissions from building energy, travel, solid waste, and water use. The Greenhouse Gas Action Plan should include goals and strategies for both community-wide emissions and City operations, and should:
  - Identify historic community-wide greenhouse gas emissions for 2005 as a baseline year.
  - Identify current community-wide greenhouse gas emissions and, separately, emissions associated with City operations.
  - Establish mid- and long-term emissions reduction goals that support Minnesota's goal of an 80% reduction from 2005 levels by 2050 (M.S. 216H.02).
  - Propose reduction strategies and identify associated:
    - savings potential,
    - economic and business development potential,
    - implementation methods through existing or new policies and programs, and
    - implementation costs, financing mechanisms, and funding sources.
  - Develop an implementation plan with a schedule, responsible party, and measure of success for every strategy.
  - Indicate the method that will be used to track progress.
- Continue to participate in Minnesota's GreenStep Cities program, working towards becoming a Step 3, 4, and 5 City by implementing additional best practices, reporting on performance metrics, and demonstrating improvement across multiple metrics.

Goal – Resilience: Take action to equitably reduce climate-related risks to City residents.

Strategies:

- Using the *Population Vulnerability Assessment and Climate Adaptation Framework,* develop a Resilience Plan that establishes community resilience goals and strategies.

Goal – Renewable Energy: Support increased adoption of renewable energy by protecting access to direct sunlight and supporting the development of local renewable energy installations.

Strategies:

- Incorporate energy efficiency and renewable energy strategies into the City's Greenhouse Gas Action Plan (described in a related goal, above).
- Protect access to direct sunlight for solar energy systems through revisions to the City's planning, zoning, and development regulations while minimizing potential adverse impacts to other natural resources.
- Strive to source 100 percent of the electricity used for City operations from renewable sources such as solar, wind, biomass, geothermal, and wind by 2040, with a minimum of 25 percent in on-site generation at City properties.
- Strive to produce enough solar electricity within City boundaries to meet 10 percent of citywide electricity use by 2030, which aligns with Minnesota's solar energy goal (M.S. 216B.1962).
- Facilitate and promote local solar installations by becoming a SolSmart Bronze Level community by the year 2020, and working towards the Silver and Gold level by 2040.
- Examine opportunities to allow and encourage solar installations within public and private parking lots.

Goal – Environmental Education and Outreach: Increase community awareness of resilience and environmental protection issues.

Strategies:

- Partner with other government entities to sponsor and/or host resilience education and environmental stewardship programs.
- Promote local resilience efforts and environmental stewardship through City-led communications, such as the City newsletter, City website, and the local cable-access channel.

CHAPTER 10: SURFACE WATER MANAGEMENT

Chapter 10 includes the following information:

1. Introduction
2. Purpose of the Plan
3. Plan Development
4. Sustainability
5. Stormwater Management System
6. Water Resources
7. Watershed Districts
8. Issues Assessment
9. Goals and Strategies

1. INTRODUCTION

This chapter presents an executive summary of the Comprehensive Surface Water Management Plan, which is attached in Appendix C. This chapter refers to the Comprehensive Surface Water Management Plan "CSWMP".

2. PURPOSE OF THE PLAN

This primary purpose of the CSWMP is twofold. First, it serves to further define the goals and policies that the City will follow as it continues to implement a comprehensive surface water management program. These goals and policies have been developed to support and facilitate the City in achieving the community vision, as described in the *Imagine Roseville 2025* Final Report (January 2007), and to shape the character and enhance the quality of life, as described in the 2040 Comprehensive Plan, currently in development. Secondly, the CSWMP serves to meet state and local regulatory requirements.

There are two primary programs that establish the regulatory need to update the City's Comprehensive Surface Water Management Plan. Minnesota Statutes, Sections 103B.201 to 103B.255, and Minnesota Rule, Chapter 8410, comprise the State's Metropolitan Surface Water Management Program (MSWMP). These Statutes and Rules require the preparation of watershed plans by watershed management organizations (WMOs) and the preparation of local (City) water management plans.

The purposes of the water management programs required by Minnesota Statutes §103B.205 to 103B.255 are to:

- Protect, preserve, and use natural surface and groundwater storage and retention systems;
- Minimize public capital expenditures needed to correct flooding and water quality problems;
- Identify and plan for means to effectively protect and improve surface and groundwater quality;
- Establish more uniform local policies and official controls for surface and groundwater management;
- Prevent erosion of soil into surface water systems;
- Promote groundwater recharge;
- Protect and enhance fish and wildlife habitat and water recreational facilities; and
- Secure the other benefits associated with the proper management of surface and groundwater.

A third regulatory program, very much related to the goals, policies, and standards of the CSWMP, is the National Pollutant Discharge Elimination System (NPDES) Phase II Stormwater Permit Program for Municipal Separate Storm Sewer Systems (MS4) that is administered in the State by the Minnesota Pollution Control Agency (MPCA) (http://www.pca.state.mn.us). The goals, policies, and standards of Roseville's CSWMP were developed to be consistent with the requirements of the City's NPDES MS4 permit and associated Stormwater Pollution Prevention Plan (SWPPP) as well as the respective WMO plans. The implementation program included in this Plan, and the SWPPP, are intended to be a coordinated effort to realize combined efficiencies.

3. Plan Development

This Plan builds on the previous plans adopted by the City in 1990, 2003, and 2013. Each of those previous plans established goals and policies, contained an assessment of issues, and called for implementation actions to address those issues. The current CSWMP was developed through a process of soliciting input from City Commissions, City Council, and the public on water resources issues, specific problem areas, and potential new topic areas and/or actions that the CSWMP should address. Input was obtained through a series of meetings and providing information on the City's stormwater web page. A summary of those efforts follows:

- Public Works, Environmental, and Transportation Commission – 3 Meetings
- Electronic Public Survey
- Online Discussion Forum on speakuproseville.org
- Public Open House Meeting
- City Council Review and Adoption of the Plan

4. Sustainability

Roseville is committed to the preservation and enhancement of its environment, and to the principle that each generation of residents must meet the needs of the present, without compromising the ability of future residents to meet their own needs. This approach to sustainability is a thread that is woven throughout the City's Comprehensive Plan. Upon adoption of the Comprehensive Surface Water Management Plan by City Council, it will become an integral component of the City's Comprehensive Plan. As in the Comprehensive Plan, this CSWMP will serve as a guide towards improving sustainability across all aspects of the City's surface water management program and activities.

5. Stormwater Management System

The City's storm sewer network and overall conveyance and treatment system is in place. Future changes to the system will primarily involve retrofitting to address flooding problems, to incorporate water quality treatment, or incorporate improvements at the time of redevelopment. This public storm sewer system consists of:

- 129 miles of pipe,
- 4,863 catch basins,
- 2,691 manholes,
- 129 public ponds,
- 165 special features (infiltration, biofiltration, water reuse, raingardens, etc.);
- 657 inlets and outlets, and
- 6 public storm-sewer lift stations.

6. Water Resources

Roseville has a significant number of lakes, ponds, and wetlands within its boundaries. As shown in the table below, five of the six lakes within the city are classified as impaired for one or more pollutant or stressor. These impairments mean that the lake water is not meeting state water quality standards established by the Minnesota Pollution Control Agency (MPCA). The Federal Clean Water Act (CWA) requires that states establish total maximum daily loads (TMDLs) of

pollutants to water bodies that do not meet water quality standards. Therefore, in the years ahead, each of these impaired waters will be subject to a TMDL Study that will result in an implementation plan that establishes a list of actions that will be needed to eliminate or manage the impairment. The City will need to work closely with the MPCA and local watershed organizations during the development of the TMDL Implementation Plans. For more information about impaired waters and TMDLs see www.pca.state.mn.us.

TABLE 10-1 LAKES IN ROSEVILLE. POLLUTANT DATA SOURCE: MINNESOTA POLLUTION CONTROL AGENCY

Lake Name	Surface Area (Acres)	Watershed Area (Acres)	Affected Designated Use	Pollutant or Stressor
Bennett	25.6	780	Aquatic Recreation	Nutrient/Eutrophication Biological Indicators
			Aquatic Consumption	Mercury in Fish Tissue
Little Johanna	17.0	1774	Aquatic Recreation	Nutrient/Eutrophication Biological Indicators
			Aquatic Consumption	Perfluorooctane Sulfonate (PFOS) in Fish Tissue
			Aquatic Life	Chloride
Josephine	111.3	782	Aquatic Consumption	Mercury in Fish Tissue
Langton (N&S)	16.5	241	NA	NA
McCarron	73	1240	Aquatic Consumption	Mercury in Fish Tissue
Owasso	366.6	2951	Aquatic Consumption	Mercury in Fish Tissue

7. WATERSHED DISTRICTS

The City of Roseville falls under the jurisdiction of three watershed management agencies. They are the Rice Creek Watershed District (RCWD), the Ramsey-Washington Metro Watershed District (RWMWD), and the Capitol Region Watershed District (CRWD). All three of the Watershed Districts have jurisdictional authority within the city, and therefore each must review and approve the City's CSWMP to ensure consistency with the respective Watershed District Plan.

8. ISSUES ASSESSMENT

Over the years since the first plan was developed, the City has made significant improvements that reduce the extent of local flooding, provide water quality treatment benefits, and improve educational opportunities for its residents. A few of these example projects are highlighted in the CSWMP.

Many of the flooding issues of the past have been addressed, but some remain. New water quality issues and concerns are emerging each year, requiring varying levels of effort by the City to address. The ongoing maintenance and operation of the stormwater system has grown much more complex over the years due to new regulations and a better understanding of what is necessary to keep the stormwater management systems functioning properly. Specific issues addressed in the CSWMP include localized flooding issues, water quality impairments, operation and maintenance, education, outreach, and collaboration.

9. GOALS AND STRATEGIES

The following summarizes the goals related to surface water management in Roseville. These goals are a reflection of the City Council's desire to reach and sustain a high quality of life for the City's residents.

Goal – Flood Protection and Runoff Management: Provide flood protection to the maximum extent practicable for all residents and structures, and protect the integrity of our drainage and detention systems through stormwater management.

Strategies:

- The City shall require runoff rate control for land-disturbing activities exceeding one-half acre or creating/reconstructing an impervious area of 5,000 square feet or more.
- The City shall require volume reduction for development and redevelopment projects in accordance with watershed district rules and City standards.
- The City shall require structure freeboard elevations in accordance with watershed district rules and City code (Section 1017.17).
- The City shall enforce its Floodplain regulations (City Code Chapter 1021) which are designed to minimize flood losses and requires no net loss of storage volume.
- The City shall cooperate and collaborate with adjacent municipalities and watershed districts to address intercommunity drainage issues.
- The City staff shall provide technical assistance as requested to aid in public understanding and interpretation of local flood protection and runoff management requirements.

Goal – Surface Water Protection: Maintain or improve the water quality and ecological integrity of the City's lakes, ponds, and wetlands.

Strategies:

- The City shall enforce the Erosion and Sediment Control ordinance (City Code Section 803.04) for all land-disturbing activity greater than 5,000 square feet or adjacent to a water resource.
- The City shall require stormwater treatment through the Shoreland, Wetland, and Stormwater Management ordinance for land-disturbing activities exceeding one-half acre or creating 5,000 square feet of new impervious surface area. The level of treatment provided shall comply with the infiltration/volume reduction standards of treating a runoff volume of 1.1 inches for new or reconstructed impervious by infiltration or, if infiltration is not feasible, by removal of 90 percent of total suspended solids and 60 percent of total phosphorus.
- The City delegates administration of the Wetland Conservation Act (WCA) to the Watershed Districts which will act as the Local Government Units (LGUs) for enforcing the regulations of WCA. The City shall be informed of and provide informal review of all wetland impacts within the City.
- The City shall cooperate and collaborate with the MPCA and local agencies in conducting and implementing TMDL projects for impaired waters within and downstream of the City.

Goal – Groundwater Protection: Protect the quality and quantity of groundwater through collaboration with local and state agencies managing groundwater resources.

Strategies:

- The City will follow the Minnesota Department of Health's (MDOH) guidance on evaluation of stormwater infiltration projects in vulnerable wellhead protection areas (WHPAs) and drinking water source management areas (DWSMAs) to determine if infiltration practices are appropriate.
- The City acknowledges the potential for stormwater infiltration practices to mobilize soil contaminants and shall support alternate volume reduction practices in areas of known or suspected soil contamination.
- The City shall encourage Low Impact Development (LID) to minimize imperviousness and promote naturally occurring groundwater recharge.
- The City shall promote water conservation practices, such as installing low-flow toilets, washing only full loads of laundry and dishes, and watering lawns and gardens only when needed and during the early morning or evening. A

more comprehensive list of water conservation practices can be found on the City's website.

Goal – Public Education and Outreach: Promote stewardship and increase awareness of land and water resources through public education and outreach.

Strategies:

- The City will continue to implement an education and outreach program using a variety of media, including use of notices, mailings, local cable television, newsletters, articles in Roseville City News, web sites, workshops, and/or presentations to inform the community about water resource issues.
- The City will use a public involvement process in water resource management decision-making (i.e., through appointed Commissions and public meetings).
- The City will make an ongoing effort on both a local and regional level by distributing information to residents on responsible practices to protect water resources such as alternative landscapes, phosphorus free fertilizer, aquatic plant management, proper use of a wide range of lawn chemicals and proper disposal of hazardous household materials etc.
- The City will work with existing public and private resources to increase public participation in water resources management and disseminate information regarding each of the local watershed management organizations having jurisdiction within the city.

Goal – Pollution Prevention and Maintenance: Protect the quality of the City's water resources through pollution prevention, good housekeeping practices, and routine maintenance.

Strategies:

- The City encourages residents to take advantage of the free Ramsey County yard waste collection and prevention sites, Roseville Leaf Recycling Center, or backyard composting to prevent these potential sources of suspended solids and nutrients from reaching the storm sewer system and downstream receiving water bodies.
- The City encourages residents to properly dispose of household hazardous waste (cleaning products, automotive fluids, lawn and garden chemicals, etc.) at a Ramsey County collection site to prevent these potential sources of pollutants from reaching the storm sewer system and downstream receiving water bodies.
- The City prohibits non-stormwater discharges to the storm drainage system to the maximum extent practicable as described in the Section 803.03 (Stormwater Illicit Discharge and Connection) of the City Code. Illicit

discharge of non-stormwater into the storm sewer system includes intentionally disposing of grass, leaves, dirt, or landscape material into a street/road/alley. Not cleaning up pet waste and disposing of it properly in the trash can also lead to illicit discharge.

- The City shall conduct street sweeping at least three times a year. The first sweep shall be as soon as practical in the spring. Stormwater sensitive areas (as displayed in Figure 20 of the CSWMP) are priorities and swept first throughout the year.
- The City prohibits the use of coal tar-based sealer on asphalt driveways and parking lots within the city to prevent Polycyclic Aromatic Hydrocarbons (PAHs) present in coal tar from contaminated stormwater runoff and downstream receiving water bodies (City Code Chapter 410).

Goal – Coordination and Collaboration: Simplify and streamline processes and draw upon the expertise and resources of other local, state, and federal agencies in water resources management efforts.

Strategies:

- The City will endeavor to inform developers about Federal, State, and local stormwater management regulations including the NPDES requirements, watershed district rules, floodplain regulations, and WCA rules.
- The City shall utilize educational materials and activities from watershed districts and other entities to deliver a consistent message regarding water resources and stewardship.
- City staff will be encouraged to attend watershed district hosted education programs directed at municipal officials and staff.
- The City shall seek opportunities to leverage limited available funding through project partnerships.
- The City shall promote existing programs that support plan goals such as the leaf recycling center, which includes compost and woodchips for property owners to use for landscaping practices which promote infiltration.

Goal – Sustainability: Achieve the water quality and water resources needs of the City based on the foundation of efficient use of community resources. In this approach, both capital costs and long-term operational costs will be considered, as well as the overall costs of a given project towards protection and/or improvement of the City water resources.

Strategies:

- The City will use the Fall 2011 version of the Metropolitan Council Stormwater Reuse Guide as a guide in considering water reuse on City projects.
- The City will strive to incorporate construction, building, and landscape designs and practices that mimic natural systems, and infiltrate, retain, and detain rainfall onsite, or can reduce excess flows into our sewers, streets, and waterways on City infrastructure projects.
- The City shall consider using trenchless technologies to reduce the impact on the ground surface and expose less disturbed area to erosion and runoff, when appropriate.
- The City shall consider using innovative BMPs and green infrastructure for stormwater treatment.
- The City shall seek to collaborate efforts with the Parks Renewal Program and incorporate multi-use green space.
- The City shall endeavor to incorporate pretreatment, treatment trains, and maintenance access for new and retrofit public stormwater treatment facility projects.
- The City shall consider installing flow meters to monitor its water usage.

Implementation Program and Funding

The Implementation Program is intended to provide guidance in carrying out the CSWMP goals and objectives. The Implementation Program and funding section summarizes capital improvement projects, studies and ongoing maintenance, inspection, monitoring, and other management activities. The current CSWMPis intended to serve the City for at least the next ten years and many of the program activities will continue out to the year 2030, or beyond.

Except for the activities that are taken from the City NPDES SWPPP, the Implementation Program is not a hard and fast commitment to complete each and every activity in the timeframe suggested. Rather, it is a suggested course of action that will help to achieve the major goals of the CSWMP.

Amendment Process

The Comprehensive Surface Water Management Plan is intended to extend approximately through the year 2027. In conjunction with the CSWMP, the NPDES SWPPP activities will be reviewed and evaluated annually in a public meeting, and the permit program itself will be updated as required by the MPCA NPDES permit program. For the CSWMP to remain dynamic, an avenue must be available to implement new information, ideas, methods, standards, management practices, and any other changes which may affect its intent and/or its results. Amendment proposals can be requested at any time, by any person or persons, either residing or having business within the City.

Request for Amendments

Any individual can complete a written request for a CSWMP amendment and submit the request to City staff. The request shall outline the specific items or sections of the CSWMP requested to be amended, describe the basis and need for the amendment, and explain the desired result of the amendment towards improving the management of surface water within the City. Following the initial request, staff may request that additional materials be submitted in order for staff to make a fully-informed decision on the request.

The City may also initiate an amendment to respond to amendment to a local watershed organization plan or following the completion and approval of a TMDL Implementation Plan.

Staff Review

Following a request for Plan amendments, staff will make a decision as to the completeness and validity of the request. If additional information is needed by staff to determine the validity of the request, staff will generally respond to the requestor within 30 – 60 days of receiving the request.

Following receipt of sufficient information such that validity of the request can be evaluated, there are three options which are described below:

a. Reject the amendment. Staff will reject the amendment if the request reduces, or has the potential to reduce, the ability of the CSWMPto achieve it's overall goals and policies, or will result in the CSWMP no longer being consistent with one or more of the watershed district's plans.
b. Accept the amendment as a minor issue, with minor issues collectively added to the CSWMP at a later date. These changes will generally be to clarify provisions in the CSWMP or to incorporate new information available after its adoption in 2018. Minor changes will generally be evaluated on the potential of the request to help staff better implement and achieve the goals and policies of the CSWMP. Minor issues will not result in formal amendments,

but will be tracked and incorporated formally into the CSWMP at the time any major changes are approved.

c. Accept the amendment as a major issue, with major issues requiring an immediate amendment. In acting on an amendment request, staff should recommend to the City Council whether or not a public hearing is warranted. In general, any requests for changes to the goals and policies or the development standards established in the CSWMP will be considered major amendments.

Staff will make every attempt to respond to an amendment request within 30 – 60 days of receiving sufficient information from the requestor. The timeframe will allow staff to evaluate the request internally and gather input from the Watershed Districts/WMOs and other technical resources, as needed. The response will describe the staff recommendation and which of the three categories the request falls into. The response will also outline the schedule for actions, if actions are needed to complete the requested amendment.

Watershed District Approval

All proposed major amendments must be reviewed and approved by the appropriate Watershed Districts prior to final adoption of the amendments. Major amendments would include changes to the goals and policies of the CSWMP. Staff will review the proposed amendments with the Watershed Districts to determine if the proposed change is a major amendment, and if a proposal is determined to be major amendment, then City staff will assess the ability of the requested amendment to maintain consistency with Watershed District plans.

City Council Consideration

Major amendments and the need for a public hearing will be determined by staff, and if identified as a major amendment, the request will be considered at a regular or special City Council meeting. Staff recommendations will be considered before decisions on appropriate action(s) are made. The requestor will be given an opportunity to present the basis for, and intended outcomes of, the request at the public hearing and will be notified of the dates of all official actions relating to the request.

Public Hearing and City Council Action

The initiation of a public hearing will allow for public input or input based on public interest in the requested amendment. City Council, with staff recommendations, will determine when the public hearing should occur in the process. Consistent with other formal City Council actions and based on the public hearing, City Council would adopt the amendment(s), deny the amendment(s), or take other action.

City Council Adoption

Final action on any major amendments, following approval by the watershed Districts, is Council adoption. Prior to the adoption, an additional public hearing may be held to review the CSWMP changes and notify the appropriate stakeholders.

CHAPTER 11: WATER SUPPLY SYSTEM

Chapter 11 includes the following information:

1. Introduction
2. Water Supply Plan
3. Water System Overview
4. Utility Capital Improvement Plan
5. Asset Management
6. Water Utility
7. Goals and Strategies

1. INTRODUCTION

This chapter presents an executive summary of the Water Supply Plan, which is attached in Appendix D. The Water Supply Plan is based on the required template provided by the Minnesota Department of Natural Resources.

2. WATER SUPPLY PLAN

Every ten years, all public water suppliers in Minnesota that operate a public water distribution system are required to have a water supply plan approved by the Department of Natural Resources (DNR). Roseville's Water Supply Plan provides the City and its residents with assurance of adequate, safe water to meet their needs and procedures for water system emergencies. It also discusses measures the City is implementing to conserve this precious resource.

The Water Supply Plan consists of four parts:

- Part I: Water supply system description and evaluation
- Part II: Emergency response procedures
- Part III: Water Conservation Plan
- Part IV: Items for metropolitan area communities

3. WATER SYSTEM OVERVIEW

The City of Roseville purchases treated, potable water from Saint Paul Regional Water Services (SPRWS). The current wholesale water contract is for a 20-year period and is in place until 2025. SPRWS provides the required treatment processes before the water is introduced into the water distribution system in

Roseville; no further treatment is required by the City. The City distributes the water directly to its retail customers—the residential and commercial properties where water is used. Roseville also provides wholesale water via its system to the City of Arden Hills. To accomplish this, there are three always-open interconnection points with the City of Arden Hills, which are located at:

- Cleveland Avenue and County Road D
- Fairview Avenue and County Road D
- Glenhill Road and Hamline Avenue

Historically, the water utility has been managed to be self-supporting, with future replacement needs financed from revenue generated from the fees paid by customers. The City periodically reviews the contract with SPRWS to ensure that the City is obtaining the most cost-effective services.

In addition to the three interconnections providing wholesale water service to Arden Hills, Roseville's water system consists of:

- 160 miles of mainline
- one water tower
- one booster station (water pumping facility)
- seven emergency interconnections
- 22 cross-connections

These seven interconnections (see TABLE 11-1) are normally closed but can be opened to meet Roseville's emergency needs. Appropriate personnel are to be contacted before these connections are opened so operational changes can be implemented in the source city, if necessary.

The interconnections with the Cities of Little Canada, Lauderdale, and St. Paul are only of use in emergency situations related to the Roseville distribution system. The source water for these connections is from the City of St. Paul system and would be of little value during an emergency within the SPRWS production and treatment systems.

The interconnections with Shoreview, St. Anthony, and New Brighton could be opened in a wider variety of emergencies, as they produce their own water from wells within their system.

TABLE 11-1 ADJACENT COMMUNITY EMERGENCY INTERCONNECTIONS

Community Interconnections		
City	Size	Location
Little Canada	8"	County Road C and Rice Street
Little Canada	12"	South of Woodlynn Avenue on Rice Street
Shoreview	8"	County Road D and Lexington Avenue
New Brighton	6"	Old Highway 8 and County Road D
St. Anthony	12"	West of Patton Road on County Road C
Lauderdale	6"	Roselawn Avenue and Lake Street
St. Paul	8"	Galtier Street and Larpenteur Avenue

Cross-connections are locations where the City of Roseville or an adjacent community provide water service to retail customers outside of their respective borders.

TABLE 11-2 CROSS-CONNECTIONS WITH ADJACENT COMMUNITIES

City	Drinking water flow TO Roseville	Drinking water flow FROM Roseville
Arden Hills	107 dwelling units (County Road D)	
Falcon Heights		16 dwelling units
Maplewood	6 dwelling units	Schroeder Milk (Rice Street)
St. Anthony		2 dwelling units
St. Paul	2 shopping centers, Taco Bell (Larpenteur Avenue)	
Totals	113 dwelling units 3 commercial	18 dwelling units 1 commercial

4. Utility Capital Improvement Plan

The Capital Improvement Plan (CIP) is one tool that is used to plan for rehabilitation and/or replacement of facilities as appropriate. The CIP has been developed to identify needs to ensure proper, continuous operation of the water and sanitary sewer utilities. Since the physical infrastructure of Roseville is aging, the City recognizes the need to track and evaluate the condition of the City's infrastructure.

The CIP was developed to support the intent of the *Imagine Roseville 2025* goals to replace infrastructure, when appropriate, to minimize potential for failure of these systems.

5. Asset Management

The City's Capital Improvement Plan is primarily determined by the City's Asset Management Program. This program is designed to provide a basis for creating and documenting the condition rating of all publicly owned assets within the city. Ratings for each asset vary based upon the type of asset, but the determination of each rating is obtained through the follow ways:

1. Visual inspections
2. Surveys
3. Full needs assessments and studies
4. History of issues or failures
5. Age of the asset
6. Type of material

This information is compiled and the Asset Management database is updated annually. This information is used while the Capital Improvement Plan is being developed, allows the City to be more strategic in its asset replacement, and also track the improvements over time.

6. Water Utility

The City's Water Utility Division provides for the operation, maintenance, and replacement of water utility infrastructure. The division also ensures compliance with a host of regulatory requirements in the operation and maintenance of this system.

The Water Utility's long-range goals include:

- Provide for uninterrupted operation of the water system to ensure the health and welfare of Roseville residents and businesses.
- Meet the regulatory goals of Minnesota Department of Health and other regulatory agencies related to the provision of safe drinking water.
- Provide excellent customer service in the utility area.
- Plan and implement a long-term infrastructure replacement plan.

To support these goals, the existing complement of vehicles and equipment will need to be replaced when they reach the end of their useful life. Infrastructure will be evaluated for appropriate rehabilitation or replacement schedules.

Other regulatory agencies have an impact on operational needs due to required compliance at the local level. A long-term funding plan is necessary to meet infrastructure replacement needs. The City will see minimal growth that would affect this system. Capital needs are to support replacement of existing infrastructure and support existing operational equipment.

7. Goals and Strategies

The City of Roseville provides a variety of public facilities and services. Utility services are essential to the health, safety, and welfare of its citizens. Clean and reliable drinking water is absolutely necessary for the efficient functioning of the City. The preservation and protection of the City's utilities is vital to the community's health and residents' quality of life. To accomplish this, the City of Roseville has identified the following goal and strategies:

Goal – Provide efficient and high-quality public facilities, services, and infrastructure.

Strategies:

- Provide reliable and high-quality water facilities.
- Work to provide efficient and cost-effective services through ongoing evaluation and intergovernmental coordination.
- Maintain an up-to-date emergency preparedness plan.
- Prepare long-term plans to identify, prioritize, and determine the costs to maintain and/or replace City's water facilities.
- Utilize the Capital Improvement Plan (CIP) and annual budgeting process for prioritizing major public expenditures.

CHAPTER 12: SANITARY SEWER SYSTEM

Chapter 12 includes the following information:

1. System Overview
2. On-Site Sewage Treatment
3. Inter-Community Services
4. Future Demand Forecast
5. Infiltration and Inflow (I/I)
6. Utility Capital Improvement Plan
7. Goals and Strategies

1. SYSTEM OVERVIEW

The entire City of Roseville is within the Metropolitan Urban Service Area (MUSA). Therefore, sanitary sewer interceptor and treatment is provided to the City via the Metropolitan Council Environmental Services (MCES) system. Within the city, the system is under the jurisdiction of the City's sanitary sewer utility. Historically, the sanitary sewer utility has been managed to be self-supporting, with future infrastructure replacement needs financed with revenues generated from the fees paid by users.

The Roseville sanitary sewer system consists of approximately 145 miles of sanitary sewer, 3,156 manholes, and 12 lift stations. The public sanitary sewer provides service to 14,623 households and businesses. The Citywide Sanitary Sewer map (MAP 12-1) shows the locations of these facilities and direction of flow. The City also has a number of residential connections with adjacent communities. TABLE 12-1 below summarizes these connections.

TABLE 12-1 RESIDENTIAL CONNECTIONS WITH ADJACENT COMMUNITIES

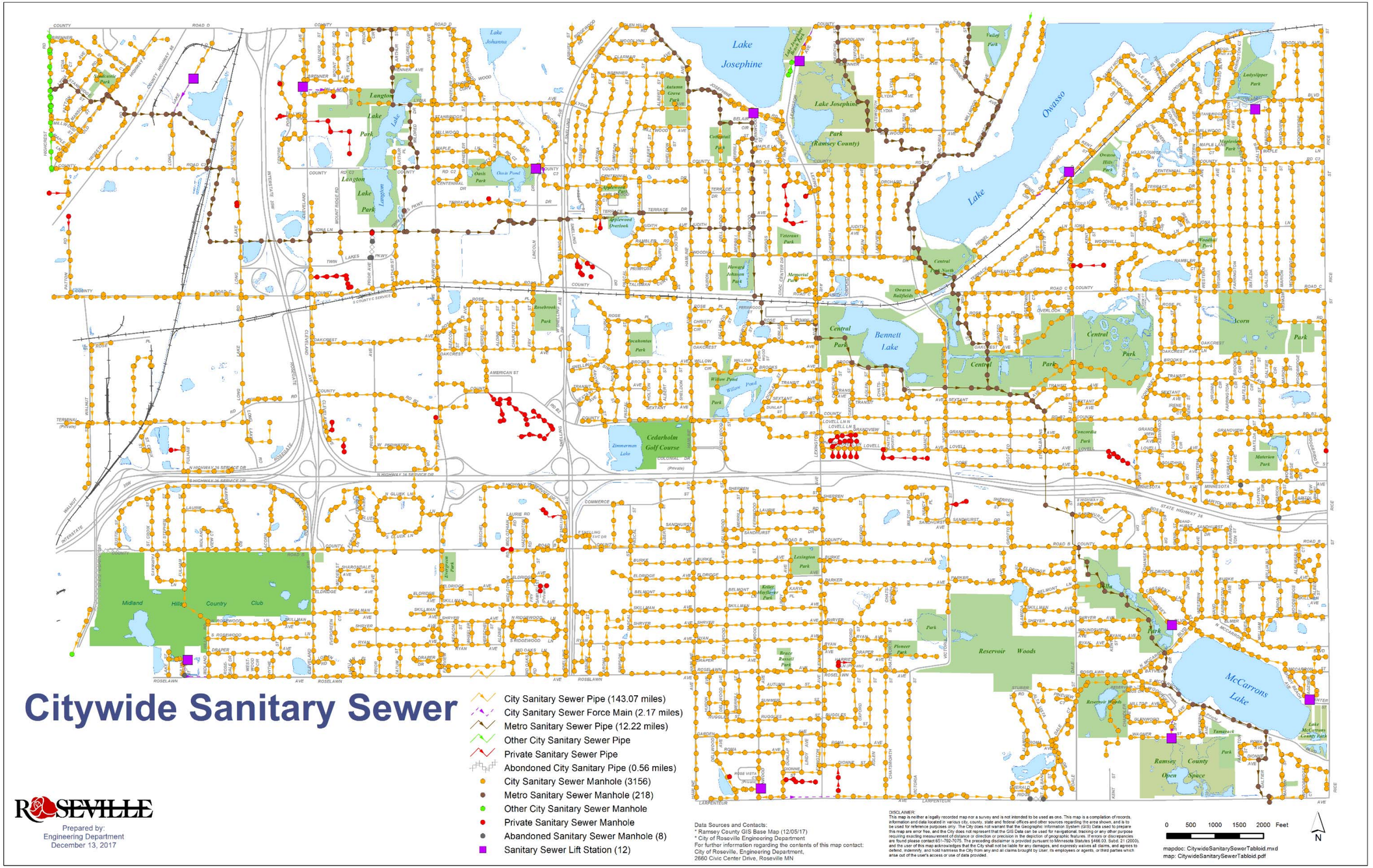
City	Sewer flow TO Roseville	Sewer flow FROM Roseville
Arden Hills		48 houses (County Road D)
St. Anthony	2 houses	
St. Paul	9 houses, 17-unit apartment building	
Shoreview		11 units (County Road D/ Lake Owasso)
Totals	28 dwelling units	59 dwelling units

Trunk sewers and the 12 lift stations collect wastewater and deliver it to the MCES interceptor sewers. The MCES interceptors serving the City of Roseville include RV-430, RV-431, RV-432, and RV-433. For interceptor locations and service areas see MAP 12-1. All of the interceptors flow south and eastward where they connect to RV-430, which delivers the waste to the Pigs Eye Wastewater Treatment Plant in St. Paul. Operated by the MCES, this plant accepted an estimated 1.2 billion gallons of wastewater from Roseville in 2017. See MAP 12-2 for the Sanitary Service Areas map.

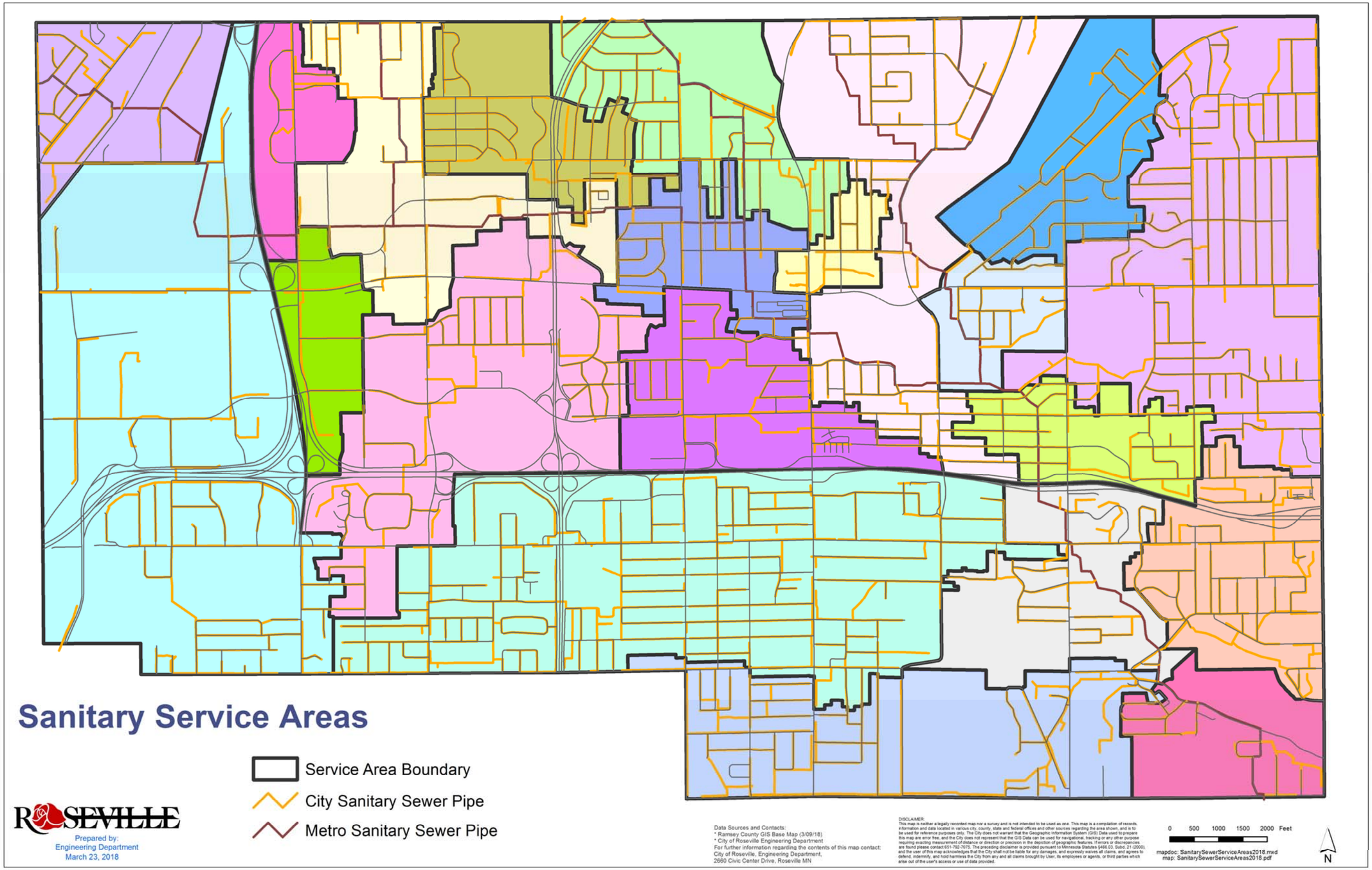
MCES owns and maintains the interceptor sewers. Public sanitary sewer trunk lines are in place and serve all 10,674 parcels in Roseville.

The City's sanitary sewer lines and lift stations collect sewage from individual parcels or properties and route the sewage to the MCES sewer interceptors. The City's system design and condition is reviewed and updated continuously to ensure adequacy. The 12 sanitary sewer lift stations are electronically monitored 24 hours a day.

MAP 12-1 CITYWIDE SANITARY SEWER



MAP 12-2 SANITARY SERVICE AREAS



2. On-Site Sewage Treatment

On-site septic systems are regulated by City code. The code requires that existing structures with on-site septic systems shall connect to the municipal sanitary sewer system within one year of sewer service being made available. Current records indicate all existing structures in the City of Roseville are connected to the sanitary sewer system.

3. Inter-Community Services

The City of Roseville provides utility service to properties in adjacent communities. As shown in Table 12-1, sewage from 59 dwelling units flows from Roseville to adjoining communities, and 28 dwelling units in adjacent communities send sewage into the Roseville system. Neighboring communities have not requested additional sanitary sewer extensions, and the City is not aware of any potential new requests.

4. Future Demand Forecast

Municipal sewer service is available to all properties within the City. Redevelopment and/or reuse of existing sites is the largest challenge for the City in the future. Developers are responsible for extending trunk or lateral mains to provide for sewer connections in development or redevelopment projects.

Presently over 98 percent of the properties within the city have been developed. The City of Roseville's 2040 population, household, and employment forecasts and projected annual sewer flow are shown in Table 12-2, and Table 12-3 details how the projected annual flow would be distributed among the MCES Interceptor lines.

Table 12-2 Projected Sewer Flow by Decade

Projected Sewer Flow			
Year	**2020**	**2030**	**2040**
Sewered Population	33,800	34,000	34,500
Sewered Households	15,300	15,700	16,100
Sewered Employment	37,300	38,300	39,300
Average Annual Waste-water Flow (MGD)	4.87	4.9	4.97
Allowable Peak Hourly Flow (MGD)	13.6	13.74	13.87

TABLE 12-3 PROJECTED SEWER FLOW BY MCES INTERCEPTOR

Projected Sewer Flow						
	2020		2030		2040	
Interceptor	Avg. Annual Wastewater Flow (MGD)	Peak Hourly Flow (MGD) (1)	Avg. Annual Wastewater Flow (MGD)	Peak Hourly Flow (MGD) (1)	Avg. Annual Wastewater Flow (MGD)	Peak Hourly Flow (MGD) (1)
1-RV-430 (2)	5.61	12.9	6.15	14.15	6.24	14.35
1-RV-431	0.33	1.17	0.33	1.20	0.33	1.20
1-RV-432	0.22	0.84	0.22	0.84	0.22	0.84
1-RV-433A	0.10	0.41	0.10	0.41	0.10	0.41
1-RV-433	0.19	0.72	0.19	0.72	0.19	0.72

Notes:
(1) Calculated using MCES peak flow factors
(2) Projections for 1-RV-430 include flows from 1-RV-431, 432, 433A, and 433.

5. INFILTRATION AND INFLOW (I/I)

The MCES Water Resources Management Plan includes policies for reducing inflow and infiltration (I/I). The MCES has projected significant growth in the metropolitan area by 2030. This increase, along with current levels of I/I in the system, would require significant, costly increases to expand the existing MCES treatment facilities to meet the future wastewater flows. The City is working to identify areas of the sanitary sewer system that are contributing to the City's I/I problem and to take the necessary measures to reduce and/or eliminate the surcharge. The following outlines the City's objectives, policies, strategies, and implementation plan to achieve reduction in I/I.

Problem: The City of Roseville sees an increase in the sanitary sewer flow rate for the community during large or prolonged rain events. This increase in flow rate has been attributed to I/I.

Objective: The objective of the program is to identify and reduce the amount of I/I entering into the City's sanitary sewer system.

Approach: Over the last ten years, the City has completed localized flow investigations and lined over 44 miles of sanitary sewer mains. By the end of 2017, the City will has completed a detailed citywide investigation study of I/I flow. This study will be used to review the reduction in flow of the last ten years, provide critical areas for short- and long-term capital investment, and give direction to the City's I/I efforts on the private sanitary sewer system within the city.

In 2007, the City began to study its I/I problem in response to the MCES imposed surcharge. In 2017, the City completed a citywide study and developed and implemented an I/I Reduction Plan, which includes an analysis of costs for remediation. The following steps explain how the City identified the extent, source, and significance of I/I throughout the City's sanitary sewer system.

1. Initial review: This was completed through the compilation of MCES flow data, City maps, City investigation records, lift station data, connection data, citywide flow studies, and building type information.

2. Analysis: The data was reviewed with respect to other system information to develop a plan for additional investigation efforts. The data allowed staff to eliminate areas where monitoring demonstrated there was not an I/I issue, and focus efforts on areas with I/I peaks.

3. Collection of additional flow data: The areas with I/I peaks were outfitted with temporary flow meters to allow staff to review "flow response" and the correlation to rainfall events. Lift station pumping records were also analyzed.

Identification of potential source(s): Once the analysis was complete, various types of I/I within the system could be identified. The source of I/I affects which actions the City will implement to reduce the excessive I/I.

I/I Implementation Plan

Once the potential sources of I/I are identified, the City will take the following actions to eliminate and prevent excessive I/I.

1. Additional investigation: Conduct additional investigation to pinpoint I/I sources. Methods used:

    a. Physical survey of manholes to identify deficient adjusting rings, manhole barrel joints, or wall leakage, and pipe penetration joint leakage.

    b. Internal televising of sewer mains to view and videotape the condition of the existing underground pipe. This will identify structural pipe problems including open and leaking joints, collapsed pipes, poor-quality service connections, and broken pipes, in addition to I/I defects such as leaking joints and leaking or running service connections.

    c. Sump pump inspections at individual properties for sump pumps that may be connected to the sanitary sewer. If the pump is illegally connected, the property owner must correct the situation and have the property re-inspected periodically to ensure that it remains disconnected.

d. Foundation drain (or leaking service line) inspection of individual properties to identify directly connected foundation drains and leaking service lines. Since this method is on private property and connections are typically underground, it is a difficult and potentially expensive task that is left as a last choice in the investigation list.

2. Rehabilitation of defects: Serious defects that are identified during the course of the investigation will be rehabilitated to eliminate I/I sources. Since the majority of the defects that are identified will be smaller, they will be compiled and evaluated before developing a rehabilitation project. This list of defects will be regularly reviewed and prioritized to provide the most benefit. A database of defects and projected rehabilitation methods will be maintained to prepare a priority listing of rehabilitation required to correct the problems. Rehabilitation methods include:

   a. Seal manholes: Raise cover to grade and seal cover or replace with non-vented cover, grout manhole barrel joints, install cast-in-place manhole liner, or replace deteriorated manhole as needed.

   b. Fix pipe defects: Test and seal joints, install cured-in-place pipe liner (CIPP), slip lining with new carrier pipe, or perform pipe bursting to replace pipe "in place".

   c. Eliminate private property sources: Re-route sump pumps to discharge onto ground or street surfaces, provide alternative outlets for sump pump discharge water.

   d. Foundation drain disconnection: Disconnect direct connections to the sanitary sewer and re-route the flow from the drain tile to a new sump pump installed to lift water from the foundation level and discharge it onto the ground surface away from the foundation.

   e. Repair of leaking service lines: Either replace or install slip lining to correct the leakage.

3. Annual Report: An annual report will be prepared to summarize efforts and costs during the course of the preceding year. It will include a review of flow data, comparison of changes from previous years, MCES allowable flow rates, and recommend work for the following year.

6. Utility Capital Improvement Plan

The Capital Improvement Plan (CIP) is one tool that is used to plan for rehabilitation and/or replacement of facilities as appropriate. The CIP has been developed to identify needs to ensure proper, continuous operation of the water

and sanitary sewer utilities. Since the physical infrastructure of Roseville is aging, the City recognizes the need to track and evaluate the condition of the City's infrastructure.

The CIP was developed to support the intent of the *Imagine Roseville 2025* goals to replace infrastructure, when appropriate, to minimize potential for failure of these systems.

Asset Management

The City's Capital Improvement Plan is primarily determined by the City's Asset Management Program. This program is designed to provide a basis for creating and documenting the condition rating of all publicly owned assets within the city. Ratings for each asset vary based upon the type of asset, but the determination of each rating is obtained through the following ways:

1. Visual inspections
2. Televised or camera inspections
3. Surveys
4. Full needs assessments and studies
5. History of issues or failures
6. Age of the asset
7. Type of material

This information is compiled and the Asset Management database is updated annually. This information is used while the Capital Improvement Plan is being developed, allows the City to be more strategic in its asset replacement, and also track the improvements over time.

Sanitary Sewer

The City's Sanitary Sewer Utility provides for the operation, maintenance, and replacement of sanitary sewer infrastructure. The division also ensures compliance with many regulatory requirements in the operation and maintenance of this system.

The Sanitary Sewer Utility's long-range goals include:

- Provide for uninterrupted operation of the sanitary sewer system to ensure the health and welfare of Roseville residents and businesses.
- Meet the regulatory goals of MCES and other regulatory agencies related to I/I reduction and other regulation.
- Provide excellent customer service in the utility area.
- Plan and implement a long-term infrastructure replacement plan.

To support these goals, the existing complement of vehicles and equipment must be replaced when they reach the end of their useful life. Infrastructure will be evaluated for appropriate rehabilitation or replacement schedules.

Other regulatory agencies have an impact on operational needs due to required compliance at the local level. A long-term funding plan is necessary to meet the infrastructure replacement needs. The City will see minimal growth that would affect this system. Capital needs are to support replacement of existing infrastructure and support existing operational equipment.

7. GOALS AND STRATEGIES

The City of Roseville provides a variety of public facilities and services. Utility services are essential to the health, safety, and welfare of its citizens. Sanitary sewer is absolutely necessary for the efficient functioning of the City and the preservation and protection of the City's sanitary sewer system is vital to the community's health and residents' quality of life. To accomplish this, the City of Roseville has identified the following goal and strategies:

Goal – Provide efficient and high-quality public facilities, services, and infrastructure.

Strategies:

- Provide reliable and high-quality sanitary sewer facilities.
- Work to provide efficient and cost-effective services through ongoing evaluation and intergovernmental coordination.
- Maintain an up-to-date emergency preparedness plan.
- Work to reduce inflow and infiltration into the City's sanitary sewer system.
- Prepare long-term plans to identify, prioritize, and determine the costs to maintain and/or replace City sanitary sewer facilities.
- Utilize the Capital Improvement Plan and annual budgeting process for prioritizing major public expenditures.

CHAPTER 13: IMPLEMENTATION

Without a specific course of action, it is difficult to achieve the goals and aspirations of any plan. Previous chapters of this document provide the baseline information for understanding the community and the determined goals for the City's future. The goals explain what the community wants to accomplish and the vision desired as an outcome. This chapter outlines the specific actions that will be taken to achieve those goals.

Often, the most challenging part of the Comprehensive Plan is implementation. It is easy to complete a document, and then watch it collect dust on a shelf. To increase the likelihood of its implementation, the following Implementation Matrix provides priorities and probable funding mechanisms. The implementation steps should be reviewed by the City periodically (annually or more often) to:

- Establish **priority work activities** for City staff and volunteers (and for City partner organizations) on an annual basis,
- Establish **priorities for annual City budget** (and for City partner organization budgets),
- Establish **priorities for Capital Improvement Plans**.

VISION AND GOALS

The implementation action items outlined in this chapter should ultimately reinforce Roseville's Vision and Goals, which were established in Chapter 2 of this comprehensive plan. The vision and goals are broad and touch nearly every aspect of City activity and City life. No aspect of this Plan and its ultimate implementation will be at odds with the City's vision and goals.

IMPLEMENTATION MATRIX

The implementation work plan outlined in the following table expands upon the strategies and action items presented in all preceding chapters of this Plan by assigning a responsible body or actor (**who**), a timeframe for action (**when**), and a suggestion of where the funding that will enable the action will come from (**how**).

While the following lays out a work plan covering the years 2018 – 2040, it is to be expected that the task list will change from year to year. As time goes on, some tasks will take longer than expected and will shift into the next year's list. Priorities will change and tasks will be moved up to be accomplished earlier. New ideas will be presented to accomplish the goals and vision cited here and will be added to

the task list and new funding tools may be developed. This is all part of the cyclical process of implementation.

Implementation actions and strategies are arranged in the Implementation Matrix by Plan chapter, which has the following color scheme:

	Land Use
	Housing
	Economic Development
	Transportation
	Parks
	Resilience
	Surface Water
	Water Supply
	Sanitary Sewer

An "X" in the "Ongoing" column indicates that the corresponding action or strategy item will not be completed as a discrete task, but will instead require periodic or continuous attention once the identified action or strategy has been initiated.

In the "When" column, timeframes are organized into four classifications:

- Ongoing (an action that is already happening and will occur as needed or on a continual basis)
- Short-term (starting now, completed within the next five years)
- Medium-term (5 – 10 year completion)
- Long-term (10+ year completion)

Note that in the "Who" column, it is assumed that the City Council bears the ultimate responsibility for all actions undertaken by City staff. It is also assumed that the appropriate advisory commission will be involved in approving or recommending actions undertaken by the associated City department as follows:

Council/Commission	City Department
City Council, Economic Development Authority	Administration
Planning	Community Development
Economic Development Authority	Community Development
Parks and Recreation	Parks and Recreation
Public Works, Environment, and Transportation	Public Works

Table 13-1 ROSEVILLE IMPLEMENTATION MATRIX: LAND USE

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Land Use					
	Create an attractive, vibrant, and effective city with a high quality of life by implementing placemaking principles in the design and management of the public realm.	Create design standards for both vertical and horizontal mixed-use developments, so that not only uses are compatible, but so that the scale, mass, and feel of new development enhances the desired community character.	Community Development staff	Short-term		City funds
		Continue to provide the resources and programming to maintain the City's park and green space areas in recognition of their value as cherished community amenities.	Parks and Recreation staff	Ongoing	X	City funds
	Be an early adopter of creative and sustainable redevelopment policies.	Continue to use economic development incentives to achieve redevelopment goals.	Community Development staff	Ongoing	X	MN DEED funds, LCDA grants, City funds, TIF, tax abatement
		Promote and support transit-oriented development and redevelopment near existing and future transit corridors.	Community Development staff	Long-term	X	Metropolitan Council TOD Grants
		Promote the use of energy-saving and sustainable design practices during all phases of development, including land uses, site design, technologies, buildings, and construction techniques.	Community Development and Public Works staff	Short-term	X	City funds
		Ensure that existing and future development of business and industry, shopping, transportation, housing, entertainment, leisure, and recreation opportunities are in harmony with the commitment Roseville has made to its environment and quality of life, without compromising the ability of future generations to meet their own needs.	Community Development, Parks and Recreation, and Public Works staff	Ongoing	X	City funds

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
		Use environmental best practices to protect, maintain, and enhance natural ecological systems, including lakes, lakeshores, wetlands, natural and manufactured storm water ponding areas, aquifers, and drainage areas.	Community Development, and Public Works staff	Ongoing	X	City funds
	Foster and support community gathering places, both large and small, indoor and outdoor.	Use official controls to ensure the provision of a robust system of public spaces within mixed-use areas, such as parks, plazas, pathways, streets, and civic uses, to encourage community gathering and connections.	Community Development staff	Short-term		MN DEED grants, ULI advisory, LCDA grants, City funds
		Continue to develop and update park master plans and allocate resources to implement those plans.	Parks and Recreation staff	Long-term		City funds
		Consider opportunities for acquisition of property that fills a need for parks, open space, or trail corridors.	Parks and Recreation staff	Long-term	X	City funds
	Encourage development of neighborhood identities to build a sense of community and foster neighborhood communications, planning, and decision making.	Create flexible development standards for new residential developments that allow innovative development patterns and more efficient densities that protect and enhance the character, stability, and vitality of residential neighborhoods.	Community Development staff	Short-term		City funds
		Develop zoning and policies to provide for a variety of housing types and densities to support a wide range of housing alternatives for current and future residents.	Community Development staff	Short-term	X	
		Recognize the most likely opportunity sites for creating additional housing choices near existing commercial areas, and ensure that zoning is in place to allow such development.	Community Development staff	Short-term		City funds

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
		Develop programs and policies to encourage the redevelopment of housing stock in a way that maintains or enhances the integrity of existing neighborhoods.	Community Development staff	Short-term	X	City funds
		Apply strategies to effectively enforce City codes related to the maintenance of buildings and property.	Community Development staff	Ongoing	X	City funds
	Create a diverse array of sizes and types of gathering places throughout the City to promote community, art, and culture.	Prioritize the incorporation of gathering spaces into new development opportunities as they arise to create public spaces for building community.	Community Development staff	Medium-term		City funds, grants
		Plan, design, and develop inter- and intra-generational, multipurpose neighborhood gathering places in master plans and during small area studies for redevelopment areas.	Community Development, and Parks and Recreation staff	Short-term		City funds, grants
		Create a space that functions as the "center" for the community; a place for gathering, family and cultural activities, entertainment, and small local businesses.	Community Development staff	Long-term		City funds
	Enhance safety through high quality urban design.	Support the use of small area plans for priority redevelopment areas.	Community Development staff	Short-term		City funds
		Reduce land consumption for surface parking by encouraging construction of multilevel and underground parking facilities, shared parking facilities, and other strategies that minimize surface parking areas while providing adequate off-street parking.	Community Development staff	Short-term	X	City funds
		Restrict and control open storage uses in commercial and industrial areas.	Community Development staff	Ongoing	X	City funds

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Support initiatives (including land use and zoning tools) and partnerships to improve health care quality, affordability, and access.	Encourage improvements to the connectivity and walkability between and within the community's neighborhoods, gathering places, and commercial areas through new development, redevelopment, and infrastructure projects.	Community Development, and Public Works staffPublic Works	Short-term	X	City funds, LCDA grants, MN DEED funds, CDBG
		Prioritize the incorporation of linkages and connections for all modes of transportation into employment area projects, to more seamlessly connect residents with jobs.	Community Development staff	Short-term	X	LCDA grants
	Create regulations that allow renovation and redevelopment of spaces that could be used to support a variety of small businesses.	Revise the commercial zoning districts to reflect the mixed-use development priorities expressed in this Plan.	Community Development staff	Short-term		City funds
		Promote and support the redevelopment of physically and economically obsolete or underutilized property.	Community Development staff	Short-term	X	LCDA grants, TIF, tax abatement City funds

TABLE 13-2 ROSEVILLE IMPLEMENTATION MATRIX: HOUSING

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Housing					
	Provide mechanisms that encourage the development of a wide range of housing that meets regional, state and national standards for affordability.	Support homebuyer assistance and foreclosure prevention programs.	Community Development staff	Short-term	X	TIF, tax abatement, housing bonds, development authorities, MHFA funding, LCDA grants, 4(d) tax program
		Explore local fair housing policy options.	Community Development staff	Long-term	X	
		Consider fee waivers or adjustments.	Community Development staff	Medium-term		
		Administer policies regarding financial or procedural incentives for developers.	Community Development staff	Medium-term	X	
		Review zoning and subdivision policies.	Community Development staff	Short-term		
		Establish a community land trust program.	Community Development staff	Long-term	X	
		Support developer use of LIHTC.	Community Development staff	Short-term	X	
		Support applications for public housing and project-based assistance.	Community Development staff	Medium-term	X	
		Participate in housing related organizations, partnerships, and initiatives.	Community Development staff	Short-term	X	
	Implement programs that result in safe and well-maintained properties.	Encourage repair and rehab programs, including Housing Replacement program.	Community Development staff	Short-term	X	HOME funds, CDBG City funds
		Support homebuyer assistance and foreclosure prevention programs.	Community Development staff	Short-term	X	
		Support Energy Assistance programs.	Community Development staff	Short-term	X	
		Continue effective referrals to available programs.	Community Development staff	Short-term	X	

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Establish public-private partnerships to ensure life-cycle housing throughout that city to attract and retain a diverse mix of people, family types, economic statuses, ages, etc.	Explore local fair housing policy options.	Community Development staff	Long-term	X	MN Housing Consolidated RFP, City funds
		Administer policies regarding financial or procedural incentives for developers.	Community Development staff	Medium-term	X	
	Employ flexible zoning for property redevelopment to meet broader housing goals such as density, open space, and lot size.	Administer policies regarding financial or procedural incentives for developers.	Community Development staff	Medium-term	X	City funds
		Review zoning and subdivision policies.	Community Development staff	Short-term		City funds
	Develop design guidelines to support new or renovated housing that contributes to the physical character of the neighborhood, healthy living, and environmental and economic sustainability.	Review zoning and subdivision policies.	Community Development staff	Short-term		City funds
	Explore opportunities to encourage smaller and more "non-traditional" housing development, including opportunities to address the lack of housing in the "missing middle" styles.	Look for opportunities for site assembly and/or land banking.	Community Development staff	Long-term	X	TIF, tax abatement, housing bonds, development authorities, MHFA funding, LCDA grants, MN Housing Consolidated RFP, 4(d) tax program
		Administer policies regarding financial or procedural incentives for developers.	Community Development staff	Medium-term	X	
		Review zoning and subdivision policies.	Community Development staff	Short-term		
		Support developer use of LIHTC.	Community Development staff	Short-term	X	

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Reduce overall community housing cost burden, particularly by supporting those projects that provide affordability for households in the lowest income categories.	Support homebuyer assistance and foreclosure prevention programs.	Community Development staff	Short-term	X	Development authority, housing bonds, tax abatement, TIF, Livable Communities Grant
		Encourage Repair and Rehab programs, including Housing Replacement program.	Community Development staff	Short-term	X	
		Support Energy Assistance programs.	Community Development staff	Short-term	X	
		Support Rental Assistance programs.	Community Development staff	Short-term	X	
		Administer policies regarding financial or procedural incentives for developers.	Community Development staff	Medium-term	X	
		Continue effective referrals to available programs.	Community Development staff	Short-term	X	
		Support developer use of LIHTC.	Community Development staff	Short-term	X	
	Support housing maintenance assistance programs, particularly for lower-income households.	Establish a community land trust program.	Community Development staff	Long-term	X	MN Consolidated RFP, CDBG Grants, HOME Funds
		Support homebuyer assistance and foreclosure prevention programs.	Community Development staff	Short-term	X	
		Support Energy Assistance programs.	Community Development staff	Short-term	X	
		Support Rental Assistance programs.	Community Development staff	Short-term	X	
		Administer policies regarding financial or procedural incentives for developers.	Community Development staff	Medium-term	X	4(d) tax program, City funds
		Establish a community land trust program.	Community Development staff	Long-term	X	

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Anticipate the need for creative strategies to manage naturally-occurring affordable housing within all affordability bands.	Support developer use of LIHTC.	Community Development staff	Short-term	X	
		Support applications for public housing and project-based assistance.	Community Development staff	Short-term	X	
	Meet increased demand for senior housing and opportunities for residents to age in place.	Look for opportunities for site assembly and/or land banking.	Community Development staff	Long-term	X	TIF, tax abatement, housing bonds, development authorities, MHFA funding, LCDA grants, MN Housing Consolidated RFP, City funds
		Administer policies regarding financial or procedural incentives for developers.	Community Development staff	Medium-term	X	
		Review zoning and subdivision policies.	Community Development staff	Short-term		
		Continue effective referrals to available programs.	Community Development staff	Short-term	X	
		Support applications for public housing and project-based assistance.	Community Development staff	Short-term	X	
	Explore opportunities to increase transit-oriented development in strategic areas connected to major transit routes.	Look for opportunities for site assembly and/or land banking.	Community Development, and Public Works staff	Long-term	X	TIF, tax abatement, housing bonds, development authorities, MHFA funding, LCDA grants, City funds
		Administer policies regarding financial or procedural incentives for developers.	Community Development staff	Medium-term	X	
	Update ordinances as necessary to maintain optimal housing functionality and livability, and to address new technologies, market trends, and resident needs.	Administer policies regarding financial or procedural incentives for developers.	Community Development staff	Short-term		City funds
		Review zoning and subdivision policies.	Community Development staff	Short-term		

TABLE 13-3 ROSEVILLE IMPLEMENTATION MATRIX: ECONOMIC DEVELOPMENT

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Economic Development					
	Create a development process and/or possible acquisition plan for identified redevelopment areas that is in conformance with the Comprehensive Plan.	Specify the appropriate level of City involvement for each redevelopment area.	Community Development staff	Short-term		City funds, DEED Redevelopment Program, Ramsey County Environmental Response Fund, Federal CEDS grants
		Develop and implement a program for financial assistance for projects.	Community Development staff	Medium-term	X	
		Engage property owners in the process for the redevelopment of their sites.	Community Development staff	Short-term	X	
		Assist with the completion and creation of the following types of information: market analysis, clarifying stakeholder goals, and creating a revitalization vision.	Community Development staff	Short-term	X	
	Develop a comprehensive marketing and messaging strategy that promotes the business-friendly nature of the City.	Create a marketing plan to target specific industries and businesses to the City including the sites desired for redevelopment.	Community Development, and Administration staff	Short-term	X	City funds, DEED Redevelopment Program, Ramsey County Environmental Response Fund, Federal CEDS grants
		Implement a streamlined development process including an online permitting application process.	Community Development staff	Long-term	X	

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Complete a development-friendly code audit to identify and adjust regulations and policies with the goal of creating a more streamlined development process that would encourage redevelopment in targeted areas.	Community Development staff	Medium-term		
	Benchmark the City's development fees against other comparable communities to ensure that they are appropriate and yet business-friendly.	Community Development staff	Short-term		
	Develop site profiles along with Roseville's Community Profile to include in a multi-media marketing strategy.	Community Development, and Administration staff	Short-term	X	
	Facilitate development-ready status for high priority redevelopment sites and include them in the marketing strategy.	Community Development staff	Long-term	X	
	Continue to implement the Business Retention and Expansion Program.	Community Development staff	Short-term	X	
Utilize land use planning to enhance job growth and continued economic health throughout all areas of the City.	Engage the business/property owners and residents to understand stakeholder goals and concerns.	Community Development staff	Short-term	X	City funds, Met Council TOD grants
	Develop programs and assist with the acquisition of funding and technical assistance for the completion of the projects.	Community Development staff	Long-term	X	
	Identify the types of land uses and related building types that promote job generation and job retention to encourage economic growth in the City.	Community Development staff	Short-term		
	Encourage transit-oriented development (TOD) to support new and existing employment centers.	Community Development staff	Short-term	X	

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
		Utilize place-making principles when working with developers and property owners to ensure that redevelopment creates jobs and enhances Roseville's unique identity.	Community Development staff	Medium-term	X	
		Promote art and cultural opportunities to attract, retain, and expand businesses that contribute to the City's creative economy.	Community Development staff	Medium-term	X	
	Identify workforce needs of City businesses and facilitate partnerships between the Chambers of Commerce, educational institutions, housing developers, and the business community to satisfy market demands.	Facilitate collaborations among local higher education institutions and business leaders to link educational programs with the workforce development needs of area businesses.	Community Development staff	Medium-term	X	City funds
		Create a roundtable discussion with specific business clusters to understand and address workforce issues affecting business operations.	Community Development staff	Medium-term	X	
		Create a local developers' roundtable to facilitate regular discussion of redevelopment opportunities in the City.	Community Development staff	Medium-term	X	
		Continue and strengthen the City's partnership with Greater MSP, whose mission is to accelerate job growth and capital investment in the region.	Community Development staff	Medium-term	X	
		Encourage and facilitate the development of a broad range of workforce housing choices including both multifamily and single family formats.	Community Development staff	Long-term	X	

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Create infrastructure necessary to retain and attract desirable businesses, and promote an innovative business environment.	Work with regional groups on the needs for specific types of businesses and industries to allow for the development of infrastructure.	Community Development, and Public Works staff	Medium-term	X	City funds, DEED Redevelopment Program, Ramsey County Environmental Response Fund, Federal CEDS grants
		Encourage the expansion of Metro Transit to employment centers and businesses and promote multi-modal opportunities.	Community Development staff	Short-term	X	
		Review the development standards to allow for more flexibility for development based on changing market conditions.	Community Development and Public Works staff	Short-term		
		Consider the adoption of a rehabilitation, façade and/or sign incentive program for existing small businesses in the City.	Community Development staff	Medium-term	X	
		Consider the creation of a small business incubation space within the City.	Community Development staff	Long-term		

TABLE 13-4 ROSEVILLE IMPLEMENTATION MATRIX: TRANSPORTATION

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Transportation					
	Coordinate transportation decisions with other government entities and coordinate planning efforts to ensure connectivity of regional routes.	TH 36 MnPASS Study	MnDOT	Current		
		County Road C Railroad Bridge west of Victoria Street Bridge replacement	Ramsey County	Short-term		State Bridge Bond funding
		County Road C: CSAH 88 in Hennepin County to east of Long Lake Road full reconstruction. Also, potential addition of a separated bicycle trail and sidewalk improvements.	Ramsey County	Short-term		
		Cleveland Avenue/County Road 46 at County Road B signal replacement or roundabout	Ramsey County	Short-term		
		County Road C east of Victoria Street study 4-lane undivided to 3-lane reconfiguration and other intersection improvements along this segment.	Ramsey County	Short-term		
		Monitor existing and forecasted congestion along Interstate 35W	MnDOT, and Public Works staff	Ongoing	X	
		TH 51/Snelling Avenue 3-lane expansion northbound, or a suitable alternative.	MnDOT, and Public Works staff	Short-term		Federal STP Funding, MSAS Funds
		Monitor existing and forecasted congestion along County Road 51/Lexington Avenue	Ramsey County, and Public Works staff	Ongoing	X	
		Monitor existing and forecasted congestion along County Road 49/Rice Street	Ramsey County, and Public Works staff	Ongoing	X	
		Monitor existing and forecasted congestion along TH 36	MnDOT, and Public Works staff	Ongoing	X	
		County Road C (CSAH 23) truck mobility	Ramsey County, and Public Works staff	Medium-term		Federal FAST Act freight funding or other through MnDOT or Metropolitan Council

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
		TH 280: Intersection at Broadway Street Hennepin CR 116 – grade separation	MnDOT, and Public Works staff	Long-term		City funds
		Classify all City of Roseville Municipal State Aid (MSA) streets as "collector" roadways.	Public Works staff	Short-term		
	Create a sustainable transportation network by encouraging more efficient use of existing roadways and limiting the need for future roadway expansion.	Interstate 35W—south of TH 36 pavement preservation project south of TH 36 through Roseville	MnDOT	Short-term		MnDOT
		Interstate 35W—County Road C to Lino Lakes pavement preservation and addition of MnPASS lanes north of TH 36	MnDOT	Short-term		MnDOT
		TH 36 pavement preservation project	MnDOT	Short-term		MnDOT
		Rice Street/County Road 49 from County Road B2 to County Road C2 full reconstruction or pavement preservation.	Ramsey County	Short-term		Ramsey County, State Aid Highway (CSAH) funds
		County Road B: Snelling Avenue/TH 51 to State Farm Road pavement replacement.	Ramsey County	Medium-term		Ramsey County
	Create a safe and efficient roadway network, able to accommodate the existing and projected demand for automobile capacity and to reduce roadway congestion.	County Road 46/Cleveland Avenue and County Road C Traffic Operations Study	Ramsey County	Medium-Term		CSAH and MSAS funds
		TH 51/Snelling Avenue and County Road B Traffic Operations Study	MnDOT, and Ramsey County	Medium-Term		MnDOT, CSAH and MSAS funds
		TH 51/Snelling Avenue and County Road C Traffic Operations Study	MnDOT, and Ramsey County	Medium-Term		CSAH and MSAS funds
		County Road 53/Dale Street and County Road B2 Traffic Operations Study	Ramsey County	Medium-Term		CSAH and MSAS funds
		County Road 46/Cleveland Avenue: County Road C to County Road B2 Traffic Operations Study to evaluate potential strategies	Ramsey County	Medium-Term		CSAH and MSAS funds

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	County Road 48/Fairview Avenue: County Road B2 to County Road B Traffic Operations Study	Ramsey County	Medium-Term		CSAH and MSAS funds
	County Road B: County Road 48/Fairview Avenue to East of TH 51/Snelling Avenue Traffic Operations Study	Ramsey County	Medium-Term		CSAH and MSAS funds
	County Road B2: County Road 48/Fairview Avenue to TH 51/Snelling Avenue Traffic Operations Study	Ramsey County	Medium-Term		CSAH and MSAS funds
	County Road B2: County Road 50/Hamline Avenue to County Road 51/Lexington Avenue Traffic Operations Study	Ramsey County	Medium-Term		CSAH and MSAS funds
	County Road B2 (CSAH 78) truck safety	Ramsey County, and Public Works staff	Medium-Term		Federal FAST Act freight funding or other through MnDOT or Metropolitan Council
	County Road C (CSAH 78) truck safety	Ramsey County, and Public Works staff	Medium-Term		Federal FAST Act freight funding or other through MnDOT or Metropolitan Council
	New Brighton Boulevard (County Road 88) truck safety	Ramsey County, and Public Works staff	Medium-Term		Federal FAST Act freight funding or other through MnDOT or Metropolitan Council
	Burlington Northern Santa Fe (BNSF) Railroad at-grade railroad crossing safety/operations	Public Works staff, Ramsey County, and MnDOT	Medium-Term		
	Minnesota Commercial (MNNR) Railroad at-grade railroad crossing safety/operations	Public Works staff, and Ramsey County	Medium-Term		

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
		Various speed and corridor studies as deemed necessary based on public input and crash data.	Public Works staff	Ongoing	X	City funds
		County Road B2 at Lexington Avenue North (CSAH 51) - left turn signal phasing.	Ramsey County	Short-Term		Ramsey County
		County Road D at Fairview Avenue North intersection control/operations.	Ramsey County, and Public Works staff	Short-Term		MnDOT and Ramsey County Funds
		Fairview Avenue: TH 36 south ramp through County Road B2 signal timing.	MnDOT, and Public Works staff	Short-Term		Ramsey County
		County Road C: Victoria Street through Western Avenue Intersection Control Evaluation.	Ramsey County, and Public Works staff	Medium-Term		
		Cleveland Avenue at County Road D signal upgrade.	Ramsey County	Short-term		MnDOT, CSAH, and MSAS funds
	Promote the use of transit as a reasonable alternative to driving automobiles during both congested and non-congested time periods through land use and transportation decisions.	Last Mile Access discussions with Metro Transit.	Public Works, andstaff, Community Development staff	Short-term		
		More bus shelters - explore opportunities to enhance bus shelter facilities at key locations.	Metro Transit/, and Public Works staff	Medium-term		Metro Transit
		Enhanced east-west fixed route service.	Metro Transit/, and Public Works staff	Medium-term		Metro Transit
		Seven day and evening service.	Metro Transit/, and Public Works staff	Medium-term		Metro Transit
		Larpenteur Avenue east of Victoria Street – add service.	Metro Transit/, and Public Works staff	Medium-term		Metro Transit
		Express bus to St. Paul.	Metro Transit/, and Public Works staff	Long-term		Metro Transit
		Elderly transit service.	Metro Transit/, and Public Works staff	Short-term		Metro Transit and City funds
		A-Line commuter bus connections.	Metro Transit/, and Public Works staff	Medium-term		Metro Transit

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
Encourage the use of non-motorized transportation by providing and supporting development of a high-quality network of both off-road and on-road pathways, and ensure that bicycle and pedestrian routes are safe, efficient and attractive.	Wayfinding and signage - improve signage and wayfinding from bicycle and pedestrian facilities to transit stations and other key community destinations	Public Works staff	Medium-term		Capital Improvements budget
	Lexington Avenue Regional Bike Trail Study.	Ramsey County	Short-term		Ramsey County
	Fairview Avenue RBTN alignment shift study.	Public Works staff, Ramsey County, and Metropolitan Council	Medium-term		MnDOT funds, federal grants
	Snelling Avenue and TH 36 bicycle/pedestrian bridge between HarMar Mall and Rosedale Center (in the vicinity of TH 51/Snelling Avenue)	Public Works staff	Medium-long-term		Capital improvements budget
	Victoria Street north of County Road C bicycle/pedestrian improvements.	Public Works staff, and Ramsey County	Short-medium-term		Capital improvements budget
	HarMar and Rosedale Shopping Malls bicycle/pedestrian improvements and multi-modal access.	Public Works staff	Medium-term		Capital improvements budget
	St. Paul regional bicycle and pedestrian corridor connections.	Public Works staff, and City of St. Paul	Ongoing	X	MSAS funds, City funds, federal and local grants
	System-wide bicycle/pedestrian maintenance.	Public Works staff	Ongoing	X	Capital improvements budget
	Complete streets policy.	Public Works, andstaff, Community Development staff	Short-term	X	City funds, Capital Improvements budget

TABLE 13-5 ROSEVILLE IMPLEMENTATION MATRIX: PARKS, RECREATION, TRAILS, AND OPEN SPACE

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
	Parks, Recreation, Trails, and Open Space					
	Maintain ongoing parks and recreation planning, maintenance, and asset management process that involves citizen engagement, adheres to professional standards, and utilizes prudent professional practices. Ensure timely guidance for protecting the community's investment in parks, open space, and recreation programs and facilities to enhance their long-term and sustained viability.	Re-evaluate, update, and adopt a Park and Recreation System Master Plan at least every five years to reflect new and current trends, changing demographics, new development criteria, unanticipated population densities, and any other factors that affect park and recreation goals, policies, and future direction of the system.	Parks and Recreation staff	Short-term		City funds
		Monitor progress on the Parks and Recreation System Master Plan annually to ensure that it provides actionable steps for maintaining, improving, and expanding the system. Parks and Recreation Commission will review and track annually.	Parks and Recreation staff	Ongoing	X	City funds
		Maintain and operate parks, open space, and recreation facilities in a safe, clean, and sustainable manner that protects natural resources and systems, preserves high quality active and passive recreation opportunities and experiences, and is cost-effective.	Parks and Recreation staff	Ongoing	X	City funds, grants, fees, contributions, use of volunteers
		Consider staffing and resource needs in the evaluation of proposals for additions to parks, programs, and facilities.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, contributions
		Use the Sector and Constellation organization structure as the basis for park, recreation program, and facility locations, development, and service delivery.	Parks and Recreation staff	Ongoing	X	City funds

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Enhance neighborhood and community identity in the design of parks, programs, and facilities through public art, special events, and stewardship of natural features.	Parks and Recreation staff, Roseville Area Arts Council	Ongoing	X	City funds, grants, Roseville Visitors Association, Roseville Area Arts Council, and contributions
	Establish a service standard of having a neighborhood park or active play space in every park service constellation.	Parks and Recreation staff	Ongoing	X	City funds, park dedication, and contributions
	Preserve parks and school open space areas as part of the city-wide systems plan for structured recreation space and unstructured preserved natural areas.	Parks and Recreation staff, Roseville Area School District, and affiliated groups	Medium-term	X	City funds, Roseville Area School District, and contributions
	Include Ramsey County park land and open space in planning and providing recreation services to Roseville residents.	Parks and Recreation staff, Ramsey County	Ongoing	X	City funds, Ramsey County, and grants
	Seek partnership to provide the community with a greater diversity or number of parks and facilities, and to offer a more expansive catalog of programs and events.	Parks and Recreation staff	Ongoing	X	City funds, partners, contributions, and vendors
	Seek sponsorships and scholarships and other revenue streams to facilitate program fee reductions.	Parks and Recreation staff	Ongoing	X	City funds, partners, contributions, and grants
	Continue to coordinate, cooperate, and collaborate with adjacent communities, school districts, and governmental jurisdictions to leverage resources regarding the use of parks on common municipal boundaries and on joint programming where appropriate for mutual benefit to optimize open space, fitness, and recreation programming and facility options.	Parks and Recreation staff, other governmental jurisdictions as appropriate	Ongoing	X	City funds, other governmental agencies

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Complete park concept plans for all parks.	Parks and Recreation staff	Long-term		City funds, contributions, grants
	Evaluate the maintenance implications of potential park land acquisitions and capital improvements.	Parks and Recreation staff	Ongoing	X	City funds and grants
	Annually recommend the adoption of a twenty-year Capital Improvement Plan (CIP) for Parks and Recreation.	Parks and Recreation staff	Ongoing	X	City funds, grants, contributions, partners, State bonding
	Use the procurement methods that deliver the best value for the community.	Parks and Recreation and Administration staff	Ongoing	X	City funds
	Research, develop, and recommend to the City Council and citizens periodic bond referendums, park and trail dedication fees, urban forest management fees, special assessments, or other funding programs to reinvest in parks and recreation facilities needed within Roseville.	Parks and Recreation, Public Works, and Administration staff	Ongoing	X	City funds, partners, grants, bonding,
	Explore the potential for implementing a park service district as a means of creating a sustainable, independent source of local funding for the parks and recreation system.	Parks and Recreation staff, City Attorney, and Administration staff	Long-term		City funds, district wide/larger area
	Whenever possible, supplement the development and maintenance of parks and recreation lands and facilities with the use of non-property tax funds.	Parks and Recreation and Finance Department staff	Ongoing	X	Grants, contributions, partners, fees and charges
	Pursue additional funding, such as local option sales tax or state bond funds, to support Roseville facilities of regional or state-wide significance.	Parks and Recreation staff	Short-term		City funds, State of Minnesota, larger area

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Discourage commercial uses in parks, programs, or facilities and/or parks and recreation facilities.	Parks and Recreation staff	Ongoing	X	City funds
	Involve the Parks and Recreation Commission in the parks and recreation planning process. Stimulate additional volunteer involvement in the delivery and support of the parks and recreation system.	Parks and Recreation and Administration staff	Ongoing	X	City funds
	Involve a diverse and representative group of participants in the parks and recreation planning process. Conduct active and continuous interaction within the community with neighborhoods, special interest groups, and individuals of all ages to achieve effective recreational programming and facility development.	Parks and Recreation staff	Ongoing	X	City funds
	Parks and recreation staff should play the key role in the delivery of parks, programs, and facility services. Community volunteers should be used whenever and wherever possible and appropriate to enrich the experience for the participant and volunteer.	Parks and Recreation and Administration staff	Ongoing	X	City funds, fees and charges, contributions
	Develop and implement an ongoing public information and marketing program to inform the public of their investments, opportunities, and benefits of a quality parks and recreation system.	Parks and Recreation and Administration staff	Ongoing	X	City funds

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Assign names, or change names, of City-owned parks or recreation facilities, in consultation with the Parks and Recreation Commission, based on natural habitat, geographic location, and appropriate non-descript terminology.	Parks and Recreation staff	Ongoing	X	City funds
Provide a high-quality, financially sound system of parks, open spaces, trails, and waterways that meets the recreation needs of all City residents, offers a visual/physical diversion from the hard surfacing of urban development, enhances our quality of life, and forms an essential part of our community's identity and character.	Evaluate and refurbish parks, as needed, to reflect changes in population, age, and diversity of residents, recreational activities preferred, amount of leisure time available, and best practice designs and technologies, and asset management strategies.	Parks and Recreation staff	Ongoing	X	City funds
	Orient parks and programs equally to youth activities that focus on community building activities teaching them life-long skills, and exposing them to a variety of recreation experiences, and to adult activities which accommodate adults' needs for wellness and provide a range of social interaction opportunities.	Parks and Recreation staff	Ongoing	X	City funds
	Focus parks on passive and active recreational activities and activities that take advantage of the unique natural features. Pursue opportunities for incorporating art and cultural programs, which enrich citizens' mental and emotional well-being, as a complement to primary physical focus of parks and recreation programs.	Parks and Recreation staff, Roseville Area Arts Council	Ongoing	X	City funds, fees and charges, contributions, grants

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Organize all parks and facilities so that a component is provided for informal, non-programmed activities – those open to anyone in the community, at any time.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, contributions, grants
	Maintain parks and open space according to the standards outlined in the Park Maintenance Manual, which recognizes that levels of service must be provided based on the intensity of use and purpose of the site.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, contributions, grants
	Use innovative methods for park and facility improvements that offer lower lifecycle costs, even if the initial cost is higher. Develop park and recreation facilities that minimize the maintenance demands on the City by emphasizing the development of well-planned parks, high- quality materials and labor-saving maintenance devices and practices.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, contributions, grants
	Promote and support volunteerism to encourage people to actively support Roseville's parks and open spaces.	Parks and Recreation, and Administration staff	Ongoing	X	City funds, grants, grants
	Encourage the preservation of features in parks considered to be of historic or cultural value, especially those features that do not conflict with other park uses and activities.	Parks and Recreation staff, Roseville Historical Society	Ongoing	X	City funds, fees and charges, contributions, grants
	Ensure that no net loss of park land or open space occurs during alterations or displacement of existing park land and open space.	Parks and Recreation staff	Ongoing	X	City funds, contributions, grants

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
Add new parks and facilities to achieve equitable access in all neighborhoods, accommodate the needs of redeveloping areas, and meet residents' desires for a range of recreation opportunities serving all ages, abilities, and cultures.	As areas of Roseville evolve, and properties undergo a change of use and/or density, land should be dedicated to the community for park purposes to ensure adequate park facilities for those new uses.	Parks and Recreation, and Community Development staff	Ongoing	X	City funds, park dedication, contributions, grants
	Determine potential locations and acquire additional park land in neighborhoods and constellations that are lacking adequate parks and recreation facilities.	Parks and Recreation, and Community Development staff	Long-term		City funds, park dedication, bonding, contributions, grants
	Determine locations for new park and recreation facilities in redevelopment areas as part of the redevelopment process, and use the park dedication process to acquire appropriate land, prioritizing the purchase of properties adjacent to current park land.	Parks and Recreation, and Community Development staff	Ongoing	X	City funds, park dedication, bonding, contributions, grants
	Make continued effective use of the Park Dedication Ordinance. Review annually park dedication requirements in order to ensure that dedication regulations meet statutory requirements and the needs of Roseville.	Parks and Recreation staff	Short-term	X	City funds, park dedication, contributions, grants
	Use park dedication funds to acquire and develop new land in addition to other funding sources.	Parks and Recreation staff	Ongoing	X	City funds, grants, park dedication
	Acquire properties necessary to implement adopted park concept plans and in Roseville's Comprehensive Land Use Plan, and consider other additions based on needs identified in the sector or constellation concept. Acquire land on a "willing seller" basis unless otherwise determined by the City Council.	Parks and Recreation staff	Long-term		City funds, park dedication, bonding, contributions, grants

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
Create a well-connected and easily accessible system of parks, open spaces, trails, pathways, community connections, and facilities that link neighborhoods and provides opportunities for residents and others to gather and interact.	Develop, adopt, and implement a comprehensive and integrated trails, pathways, and community connections system plan for recreation and transportation uses, including separate facilities for pedestrians and bicyclists (including off-road unpaved trails for bikers and hikers that offer new challenges while protecting resources). Distinguish the specific role of the Parks and Recreation Department in maintaining those facilities, separate from the Public Works Department's role in constructing and repairing them.	Parks and Recreation Public Works, and Community Development staff	Short-term		City funds, park dedication, contributions, grants
	Develop, adopt, and implement a Trails Management Program (TMP).	Parks and Recreation and Public Works staff	Short-term		City funds, grants, park dedication
	Advocate the implementation of community parkways on the County Road C and Lexington Avenue corridors to accommodate pedestrian and bicyclist movement and inclusion of community character and identity features.	Parks and Recreation and Public Works staff	Short-term		City funds, grants, park dedication
	Maintain the trail and pathway system through all seasons.	Parks and Recreation, and Public Works staff	Ongoing	X	City funds
	Make the park system accessible to people of all abilities.	Parks and Recreation and Public Works staff	Ongoing	X	City funds, grants

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Align development and expansion of non-motorized trails, pathways, community parkways, and other routes with the need to provide connections to and within parks, to open spaces, recreation facilities, and key destinations, as well as between neighborhoods, constellations, and sectors.	Parks and Recreation and Public Works staff	Long-term		City funds, grants, park dedication, Grants, dedication
	Educate the public on the advantages and safe use of non-motorized trails, pathways, and community parkway connections.	Parks and Recreation and Public Works staff	Ongoing	X	City funds, grants, grants
	Develop clear and communicative signage and kiosks for wayfinding.	Parks and Recreation and Public Works staff, Roseville Visitors Association	Short-term		City funds, grants, park dedication, Roseville Visitors Association
Provide Roseville residents with opportunities to participate in a variety of recreation, athletic, wellness, art, social, learning, and environmental education activities and programs through well-designed, cost-effective, and relevant services.	Provide recreation programs and services that address the recreational desires of people of all abilities and all segments of the community including children, teens, adults, older adults, and adverse ethnic groups.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, contributions, grants
	Organize a variety of community special events that stimulate interest in recreation participation, promote community identity and pride, encourage volunteerism, and bring together all segments of the community.	Parks and Recreation and Administration staff	Ongoing	X	City funds, fees and charges, contributions, grants
	Celebrate Roseville's heritage and cultural potential by acquiring and exhibiting quality works of art and historic artifacts, by providing access to a variety of performance arts, and by offering a diverse mixture of community events	Parks and Recreation staff, Roseville Visitors Association, Roseville Area Arts Council, and Administration staff	Ongoing	X	City funds, fees and charges, Roseville Area Arts Council, Roseville Visitors Association, contributions, grants

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Administer all programs and services equitably to ensure that all individuals and groups receive adequate representation, seeking out those with little or no voice.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, contributions, grants
	Monitor new trends, patterns, and activities in recreation and leisure service programs and incorporate revisions to Roseville's programs to reflect these changes at a broader level.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, contributions, grants
	Establish ongoing communication, information, and marketing programs that broaden recreational interests and encourage participation in Roseville's recreation programs.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, contributions, grants
	Coordinate and cooperate with school districts, community, county, and state agencies, private businesses, and surrounding municipalities to provide diverse and extensive programs and services that are affordable to all participants.	Parks and Recreation staff, other governmental agencies	Ongoing	X	City funds, fees and charges, other governmental agencies, contributions, grants
	Facilitate community recreation groups by providing technical support, equipment storage, promotional assistance, mail boxes, and meeting space.	Parks and Recreation staff	Ongoing	X	City funds
	Act as liaison to recognized community groups providing recreation programs and services.	Parks and Recreation staff	Ongoing	X	City funds
	Evaluate all programs and services quarterly and annually for quality, participant satisfaction, financial feasibility, and community desirability.	Parks and Recreation staff	Ongoing	X	City funds

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Develop and maintain a system of program fees and charges that assess direct costs to the participants, while remaining affordable to the community.	Parks and Recreation staff	Ongoing	X	City funds
	Provide residents with community activities and events using subsidies or fee waivers through scholarships, sponsorships, or other methods of fee assistance.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, contributions, grants
Locate, design, construct, and manage community facilities to meet the needs of current and future residents.	Provide community facilities that include desired community amenities for recreation and social interaction at an appropriate level within sectors and constellations.	Parks and Recreation staff	Ongoing	X	City funds, fees and charges, partners, contributions, grants
	Assess community needs and desires for the use of existing community facilities and the need for additional space, renovated space, and improved space.	Parks and Recreation staff	Short-term	X	City funds, fees and charges, partners, contributions, grants
	Facilitate a system of community and recreation spaces in conjunction with the school districts that provides for both structured and unstructured times as managed and scheduled by the City.	Parks and Recreation staff, area school districts	Ongoing	X	City funds, area School Districts
	Define a strategy, identify a site, and confirm a program for implementing a community center.	Parks and Recreation staff, area school districts	Long-term		City funds, area School Districts
	Manage and maintain facilities using best practices and cost-effective methods to provide desired recreation services.	Parks and Recreation staff	Ongoing	X	City funds
	Leverage private involvement in the form of sponsorships, joint ventures, and contract for services to support facilities.	Parks and Recreation staff	Ongoing	X	City funds, partners, vendors

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
Preserve significant natural resources, lakes, ponds, wetlands, open spaces, wooded areas, wildlife habitats, and trees as integral aspects of the parks system.	Encourage dedication of parks, open spaces, and trails in new development and redevelopment areas, especially those that preserve significant natural resources and/or adjacent to the subject site.	Parks and Recreation and Community Development staff	Ongoing	X	City funds, park dedication, dedication
	Create, adopt, and use Natural Resources Management Plans to preserve, restore, and manage the significant natural resources in the park system.	Parks and Recreation staff	Ongoing	X	City funds, grants, contributions, grants, contributions
	Preserve wooded areas and implement an aggressive reforestation and forestry management program to ensure that Roseville has a substantial aesthetically pleasing and environmentally critical tree population in its parks, open spaces, boulevards, and other City property.	Parks and Recreation staff	Ongoing	X	City funds, grants, contributions, grants, contributions
	Provide community environmental education programs to increase the community's awareness, understanding, and appreciation of natural areas, including the need for trees, proper tree care, planting procedures, and critical habitat for pollinators.	Parks and Recreation and Administration staff	Ongoing	X	City funds, grants, contributions, grants, contributions
	Cooperate with the three watershed districts with jurisdiction over parks in Roseville to effect water quality improvement projects within parks, and to create landscapes that are sensitive to stormwater management goals for park lands.	Parks and Recreation, and Public Works staff, watershed districts	Ongoing	X	City funds, grants, contributions

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
	Create landscape improvements and design parks to enhance opportunities for wildlife, where those improvements and facilities are not in conflict with other park uses or activities. Direct particular attention to the creation of wildlife habitat in parks, where wildlife would not be compromised by the presence of park activities.	Parks and Recreation staff	Ongoing	X	City funds, grants, contributions

TABLE 13-6 ROSEVILLE IMPLEMENTATION MATRIX: RESILIENCE

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
Resilience						
	Protect, preserve, and enhance Roseville's water, land, trees, and pollinators for current and future generations.	Continue to use TIF to assist with environmental cleanup on sites identified as economic development priority or opportunity areas.	Public Works staff			City funds
		Finalize and implement a management plan for ash trees on park land and streets.	Public Works staff			City funds
		Conduct a citywide-wide survey, and inventory to the extent feasible, of the tree canopy. This would include all trees in both public and private areas.	Public Works staff			City funds
		Modify procurement policies as necessary to ensure diversity of tree species on City property.	Public Works, and Administration staff			City funds
		Promote tree diversity on public and private lands, including establishment of diversity requirements, as part of any development of commercial or multi-unit residential property.	Public Works, and Community Development staff		X	City funds
		Expand tree canopy in priority areas.	Public Works staff			City funds
		Create policies and procedures on proper tree planting for all City installations, and promote this to residents.	Public Works staff			City funds

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
Resilience					
	Review City practices for the use of insecticides and use best practices to limit systemic insecticide uses onCity property, including insecticides from the neonicotinoid family where possible, and encourage commercial applications to be free of systemic insecticides, including neonicotinoids where possible.	Public Works staff		X	City funds
	Use best efforts to plant native plants and plants favorable to bees and other pollinators in the City's public spaces.	Public Works, and Parks and Recreation staff		X	City funds

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
Resilience					
	Use best efforts to communicate to all Roseville property owners, residents, businesses, institutions, and neighborhoods the importance of creating and maintaining pollinator-friendly habitats and encourage residents and business to use the pollinator-friendly practices including: • Reducing the use of pesticides, including systemic insecticides, on their property; • Avoiding planting flowering plants that are treated with systemic insecticides; • Planting more pollinator forage on their property and adopting organic or chemical-free lawn and landscaping practice; and • The City shall provide information and avenues to identify pollinator-friendly plants and other opportunities.	Public Works, and Administration staff		X	City funds

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
Resilience					
Support Minnesota's Next Generation Energy Act goal of an 80% reduction in community-wide greenhouse gas (GHG) emissions from 2005 levels by 2050, through leading by example in addition to education, incentives, and regulation to encourage action by residents and businesses.	With appropriate community engagement, develop a Greenhouse Gas Action Plan to establish City-specific energy and greenhouse gas reduction goals, and select strategies to reduce emissions from building energy, travel, solid waste, and water use. The Greenhouse Gas Action Plan should include goals and strategies for both community-wide emissions and City operations and should: • Identify current community-wide greenhouse gas emissions and, separately, emissions associated with City operations. • Establish mid- and long-term emissions reduction goals that support Minnesota's goal of an 80% reduction from 2005 levels by 2050 (M.S. 216H.02). • Propose reduction strategies and identify associated: o savings potential, o economic and business development potential, o implementation methods through existing or new policies and programs, and o implementation costs, financing mechanisms and funding sources. • Develop an implementation plan with a schedule, responsible party, and measure of success for every strategy. • Indicate the method that will be used to track progress.	Public Works staff	Short-term		City funds, grants

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
Resilience						
		Continue to participate in Minnesota's GreenStep Cities program, working towards becoming a Step 3, 4, and 5 City by implementing additional best practices, reporting on performance metrics, and demonstrating improvement across multiple metrics.	Public Works, and Administration staff	Medium-term	X	
	Take action to equitably reduce climate-related risks to City residents.	Using the *Population Vulnerability Assessment and Climate Adaptation Framework,* develop a Resilience Plan that establishes community resilience goals and strategies.	Public Works, and Community Development staff	Long-term		City funds, grants
	Support increased adoption of renewable energy by protecting access to direct sunlight and supporting the development of local renewable energy installations.	Incorporate energy efficiency and renewable energy strategies into the City's Greenhouse Gas Action Plan.	Public Works staff	Short-term		City funds, grants
		Protect access to direct sunlight for solar energy systems through revisions to the City's planning, zoning, and development regulations while minimizing potential adverse impacts to other natural resources.	Community Development staff	Short-term		City funds
		Strive to source 100% of the electricity used for City operations from renewable sources such as solar, wind, biomass, geothermal, and wind by 2040, with a minimum of 25% in on-site generation at City properties.	Public Works staff	Long-term		City funds, grants
		Strive to produce enough solar electricity within City boundaries to meet 10% of City-wide electricity use by 2030, which aligns with Minnesota's solar energy goal (M.S. 216B.1962).	Public Works staff	Medium-term		City funds, grants

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
Resilience						
		Facilitate and promote local solar installations by becoming a SolSmart Bronze Level community by the year 2020 and working towards the Silver and Gold level by 2040.	Public Works staff	Short-term	X	City funds
	Increase community awareness of resilience and environmental protection issues.	Partner with other government entities to sponsor and/or host resilience education and environmental stewardship programs.	Public Works, and Administration staff	Medium-term	X	City funds
		Promote local resilience efforts and environmental stewardship through City-led communications, such as the City newsletter, City website, and the local cable-access channel.	Public Works, and Administration staff	Short-term	X	City funds

TABLE 13-7 ROSEVILLE IMPLEMENTATION MATRIX: WATER SUPPLY

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
Water Supply						
	System Improvements	Rehabilitate watermains by excavating and replacing the existing pipe, installing cured-in-place pipe liner (CIPP), or performing pipe bursting to replace pipe "in place."	Public Works staff	Ongoing	X	Water Utility Fund
		Rehabilitate booster stations.	Public Works staff	Short-term		Water Utility Fund
	Asset Management	Update asset management rating system based upon televising video and visual inspections.	Public Works staff	Ongoing	X	Water Utility Fund
	Sustainability	Implement a stormwater management program.	Public Works staff	Short-term	X	Water Utility Fund
		Provide residents access to rain barrels and work with watersheds on grant incentives for residential rain gardens.	Public Works staff	Ongoing	X	Water Utility Fund
		Install enhanced meters capable of automated readings to detect spikes in Consumption.	Public Works staff	Short-term		Water Utility Fund
		Prepare water model for entire City to identify inefficiencies in water system.	Public Works staff	Short-term		Water Utility Fund
		Implement a water conservation outreach program.	Public Works staff	Ongoing	X	Water Utility Fund
		Perform Water Audit to track water usage and loss.	Public Works staff	Ongoing	X	Water Utility Fund
		Adopt non-zoning wetlands ordinance (can further protect wetlands beyond state/ federal laws-for vernal pools, buffer areas, restrictions on filling or alterations).	Public Works staff	Ongoing	X	Water Utility Fund

TABLE 13-9 ROSEVILLE IMPLEMENTATION MATRIX: SURFACE WATER MANAGEMENT

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
Surface Water Management						
	Education and Outreach	Public Outreach Consultants/Educators	Public Works staff	Ongoing	X	Stormwater Utility Fund, watershed districts, partners
	Municipal Housekeeping	Street sweeping	Public Works staff	Ongoing	X	Stormwater Utility Fund
	Asset Management	BMP maintenance	Public Works staff	Ongoing	X	Stormwater Utility Fund
	Maintain existing infrastructure	Pond maintenance/improvements	Public Works staff	Ongoing	X	Stormwater Utility Fund
		St Croix ditch maintenance	Public Works staff	Ongoing	X	Stormwater Utility Fund
		Storm sewer televising	Public Works staff	Ongoing	X	Stormwater Utility Fund
	Improve drainage within the City while improving and protecting water quality and reducing the risk of localized flooding.	Pavement Management Projects - Water Quality/Sewer management projects - water quality/sewer upgrades	Public Works staff	Ongoing	X	Stormwater Utility Fund
		Drainage improvements - various storm sewer upgrades	Public Works staff	Ongoing	X	Stormwater Utility Fund
		Fairview Trunk Storm Sewer System Analysis	Public Works staff	Short-term		Stormwater Utility Fund
		Fairview Trunk Storm Sewer - Evergreen Park Reuse Project	Public Works staff	Short-term		Stormwater Utility Fund
		Fernwood Trunk Storm Sewer – St. Rose of Lima Underground	Public Works staff	Short-term		Stormwater Utility Fund
		Fernwood Trunk Storm Sewer – Keller - Mayflower Underground	Public Works staff	Mid-term		Stormwater Utility Fund

Goal	Action or Strategy	Who	When	Ongoing?	How ($)
Surface Water Management					
	Fairview Trunk Storm Sewer Improvements	Public Works staff	Mid-term		Stormwater Utility Fund
	Oasis Pond iron enhanced sand filter installation	Public Works staff	Short-term		Stormwater Utility Fund
	Oakcrest Pond improvement	Public Works staff	Mid-term		Stormwater Utility Fund
	I-35W/CRCounty Road C sanitary separation	Public Works staff	Short-term		Stormwater Utility Fund
	Walsh Lift Station upgrades	Public Works staff	Short-term		Stormwater Utility Fund
	Valley Park berm reconstruction	Public Works staff	Short-term		Stormwater Utility Fund
	Leaf site water quality improvements	Public Works staff	Short-term		Stormwater Utility Fund
	Lift station upgrades	Public Works staff	Mid-term		Stormwater Utility Fund
	SCADA replacement/upgrades	Public Works staff	Short-term		Stormwater Utility Fund
	CSWMP revision/updates	Public Works staff	Long-term		Stormwater Utility Fund
	City-wide stormwater model	Public Works staff	Long-term		Stormwater Utility Fund

TABLE 13-9 ROSEVILLE IMPLEMENTATION MATRIX: SANITARY SEWER

Goal		Action or Strategy	Who	When	Ongoing?	How ($)
Sanitary Sewer						
	Provide efficient and high-quality public facilities, services, and infrastructure.	Provide reliable and high-quality sanitary sewer facilities.	Public Works staff	Ongoing	X	Sanitary Sewer Fund
		Work to provide efficient and cost-effective services through ongoing evaluation and intergovernmental coordination.	Public Works staff	Ongoing	X	Sanitary Sewer Fund
		Maintain an up-to-date emergency preparedness plan.	Public Works staff	Short-term	X	Sanitary Sewer Fund
		Work to reduce inflow and infiltration into the City's sanitary sewer system.	Public Works staff	Ongoing	X	Sanitary Sewer Fund
		Prepare long-term plans to identify, prioritize, and determine the costs to maintain and/or replace City sanitary sewer facilities.	Public Works staff	Medium-term	X	Sanitary Sewer Fund
		Utilize the CIP and annual budgeting processes for prioritizing major public expenditures.	Public Works staff	Ongoing	X	Sanitary Sewer Fund

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **7.d**

Department Approval	City Manager Approval

Item Description: Approve Grading Ordinance Amendment and Establish and Ordinance Regulating Storm Water Best Management Practices

BACKGROUND

Currently the city code regulates grading in two sections of the City Code. Chapter 705 regulates grading on public property and Chapter 1017 section 1017.24 regulates grading, filling and land alteration of private property. On June 6, 2018 the Planning Commission will discuss removing section 1017.24 from the zoning ordinance and bringing this to council for adoption later in June.

Staff proposes making changes to the grading ordinance to put all grading regulations under Title 8 Public Works, Chapter 803 Storm Water Drainage. This will allow Public Works to regulate grading. By moving the new regulations to this section, it will tie grading permits with the current erosion control permit already established. Since grading and erosion control are also linked together this will make regulating both these practices much easier. The escrow requirements will help ensure grading done on a site meets the approved grading plan before the permit is closed out.

The highlights of the changes to the grading ordinance are as follows:

- Elimination of Chapter 705.
- Adding grading regulations to the current Erosion and Sediment Control Ordinance (803.04).
- Requires a grading permit for sites that disturb greater than 5,000 square feet or placement or grading of 50 cubic yards of material or land change on a parcel of land located directly adjacent to a water resource or located in the shoreland overlay district.
- Requires a grading plan showing changed conditions to the existing land.
- Requires an additional grading escrow to ensure grading meets approved grading plan requirements.
- Puts in provisions for corrective work if grading is not completed per the approved grading plan.

The second change to Chapter 803 is establishing an ordinance Regulating Storm Water Best Management Practices. 803.05 Stormwater Best Management Practice (BMP) Maintenance was created to add detail and clarification to the existing maintenance of public and private BMPs under Chapter 1017. The proposed new section includes the maintenance language from 1017, and clarifies structural (i.e. raingardens, infiltration/filtration basins), and non-structural (i.e. ponds) BMP's given their different functional design elements and maintenance requirements. The new section also adds required inspection timeframes to ensure proper long-term functionality, and highlights the City process for BMP's that are not maintained in accordance

with the original plans. Failure to not properly maintain the BMP will result in notification by the City, and can include administrative penalties and the abatement process.

Staff presented the ordinance amendment to the Public Works Environmental and Transportation Commission at their February and March meetings and incorporated their comments into the ordinance amendment presented.

FINANCIAL IMPACTS

There will be permit fees associated with the grading ordinance. Amendment of the fee schedule for the permit fees associated with grading permits will be brought to Council at a later date should the Grading Ordinance be adopted.

STAFF RECOMMENDATION

Based on the comments provided in this report, staff recommends approval of the proposed text ordinance amendments to Roseville's City Code, Title 8, Chapter 803 Section 803.04 adding Grading to Erosion and Sedimentation Control and 803.05 establishing an ordinance Regulating Storm Water Best Management Practices.

If Title 8 Chapter 803 is amended, staff recommends of approval of an ordinance removing Title 7, Chapter 705, Regulating Excavating, Grading and Surfacing within the City of Roseville, Minnesota.

REQUESTED COUNCIL ACTION

Adopt an ordinance amending selected text ordinance amendments of Roseville's City Code, Title 4, Chapter 405 Noise Control Ordinance.

Prepared by: Jesse Freihammer, Asst. Public Works Director/City Engineer
Attachments: A: Ordinance Amendment, Grading Ordinance
B: Ordinance Summary, Grading Ordinance
C: Ordinance Amendment, Grading Ordinance
D: Ordinance Summary, Grading Ordinance
E: Minutes from PWETC meetings
F: Draft Grading, Sediment and Erosion Control Information Handout and Permit

City of Roseville
ORDINANCE NO.

AN ORDINANCE AMENDING TITLE 8, CHAPTER 803, SECTION 803.04 ADDING GRADING TO EROSION CONTROL AND SEDIMENTATION CONTROL AND 803.05 ESTABLISHING AN ORDINANCE REGULATING STORMWATER BEST MANAGEMENT PRACTICE MAINTENANCE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Purpose: The Roseville City Code is hereby amended to modify/clarify specific requirements within the Roseville City Code, Title 8, Chapter 803, Section 803.04 is hereby amended to include Grading and Section 803.05 is hereby added establishing an ordinance regulating stormwater best management practice maintenance within the City of Roseville, MN.

SECTION 2. Section 803.04 and 803.05 are hereby amended as follows:

803.04: GRADING~~.~~, EROSION AND SEDIMENTATION CONTOL:

A. Purpose: The purpose of this article is to regulate grading and to control ~~control~~ or eliminate soil erosion and sedimentation resulting from construction activity within the City. This article establishes standards and specifications for grading practices which protects drainage, conservation practices and planning activities ~~that~~ which minimize soil erosion and sedimentation.

B. Scope: Except as exempted by the definition of the term "land disturbance activity" in Section 803.0~~0~~4. ~~-~~C.7, any person, entity, state agency, or political subdivision thereof proposing land disturbance activity within the City shall apply to the City for the approval of the grading, erosion and sediment control plan. No land shall be disturbed until the plan is approved by the City and conforms to the standards set forth in this article.

C. Definitions: The following words, terms and phrases, when used in this article, shall have the meanings ascribed to them in this section, except where the context clearly indicates a different meaning:

1. Best Management Practice (BMP): Erosion and sediment control and water quality management practices that are the most effective and practicable means of controlling, preventing, and minimizing the degradation of surface water, including construction-phasing, minimizing the length of time soil areas are exposed, prohibitions, and other management practices published by state or designated area-wide planning agencies.
2. Certificate of Completion: the certificate issued after the final inspection of the site has been completed, temporary erosion control has been removed and the site has been fully restored.
3. City of Roseville Erosion Control Specifications: practices described in, but not limited to, the following manuals:
   a. Minnesota Stormwater Manual
   ~~a.~~b. Minnesota DOT Erosion Control Manual
   ~~b.~~c. Minnesota Pollution Control Agency's "Protecting Water Quality in Urban Areas" handbook~~Ramsey County Erosion and Sediment Control Handbook~~
4. Erosion: any process that wears away the surface of the land by the action of water, wind, ice, or gravity. Erosion can be accelerated by the activities of man and nature.
5. Erosion and sediment control plan: a document containing the requirements of Section 803.0~~0~~4 D that, when implemented, will prevent or minimize soil erosion on a parcel of land and off-site sediment damages.
6. Erosion and sediment control practice specifications and erosion and sediment control practices: the management procedures, techniques, and methods to control soil erosion and sedimentation as officially adopted by the City.

~~7.~~ Land disturbance activity: land change greater than 5,000 square feet, placement or grading of 50 cubic yards of earthen materials, or land change on a parcel of land located directly adjacent to a water resource or located

~~8.~~7. within the shoreland overlay district, that may result in soil erosion from water or wind and the movement of sediments into or upon waters or lands of the city, including clearing, grading, excavating, transporting and filling of land. Land disturbance activity does not mean the following:

a. Minor land disturbance activities such as home gardens and an individual's home landscaping, repairs, and maintenance work.

b. Tilling, planting, or harvesting or agricultural, horticultural, or silvicultural crops.

c. Installation of fence, sign, telephone, and electric poles and other kinds of posts or poles.

d. Emergency work to protect life, limb, or property and emergency repairs. However, if the land disturbance activity would have required an approved erosion and sediment control plan except for the emergency, the land area disturbed shall be shaped and stabilized in accordance with the requirement of the local plan-approving authority or the city when applicable.

~~9.~~8. Permittee: a person, entity, state agency, corporation, partnership, or political subdivision thereof engaged in a land disturbance activity.

~~10.~~9. Sediment: solid mineral or organic material that, in suspension, is being transported or has been moved from its original site by air, water, gravity, or ice, and has been deposited at another location.

~~11.~~10. Sedimentation: the process or action of depositing sediment that is determined to have been caused by erosion.

~~12.~~11. Water Resource: any stream, channel, wetland, storm pond, or lake within the City.

D. Grading, Erosion and Sediment Control Plan:

1. Required: Every Permittee for a building permit, a subdivision approval, or a permit to allow land disturbance activities must submit a~~n~~ grading, erosion and sediment control plan to the City Engineer. No building permit, subdivision approval, or permit to allow land disturbance activities shall be issued and no earth disturbing activity shall commence until approval of the grading, erosion and sediment control plan by the City.

Projects coordinated by Ramsey County or Mn/DOT do not require a permit; however, the City must be notified of the project and be provided a copy of the grading, erosion and sediment control plan, as well as an estimated schedule for commencement and completion. The City will notify the designated contact if the grading plan is not being followed, if erosion control measures should fail, or if erosion control measures require maintenance with the expectation that the deficiencies will be corrected.

If no permit has been obtained, a stop work order shall be issued on the construction and a fine shall be issued in an amount equal to twice the required permit fee. A completed grading, erosion and sediment control plan and permit application shall be submitted before construction will be allowed to resume.

Obtaining a permit does not exempt the permittee from obtaining permits required by other government regulatory agencies.

2. Criteria addressed: The grading, erosion and sediment control plan shall address the following criteria:

a. Existing drainage patterns

b. Control the storm water leaving the site

~~a.~~c. Conform to the natural limitations presented by topography and soil so as to create the least potential for soil erosion.

~~b.~~d. Stabilize all exposed soils and soil stockpiles

~~c.~~e. Establish permanent vegetation

~~d.~~f. Prevent sediment damage to adjacent properties and other designated areas

~~e.~~g. Schedule of erosion and sediment control practices

~~f.~~h. Criteria for the use of temporary sedimentation basins
~~g.~~i. Stabilization of steep slopes
~~h.~~a. ~~Control the storm water leaving the site~~
~~i.~~j. Stabilize all waterways and outlets
~~j.~~k. Protect storm sewers from the entrance of sediment, debris and trash
~~k.~~l. Control waste, such as discarded building materials, concrete truck washout, chemicals, litter, sanitary waste, etc. that may adversely impact water quality
~~l.~~m. When working in or crossing water resources, take precautions to contain sediment.
~~m.~~n. Re-stabilize utility construction areas as soon as possible
~~n.~~o. Protect paved roads from sediment and mud brought in from access routes
~~o.~~p. Dispose of temporary erosion and sediment control measures
~~p.~~q. Maintain all temporary and permanent erosion and sediment control practices
~~q.~~r. Removal of sediment from streets at the end of each day
~~r.~~s. Dewatering methods and outletting of stormwater
~~s.~~t. Site inspection plan & record of rainfall amounts
~~t.~~u. Final stabilization

3. Contents of Plan: The grading, erosion and sediment control plan shall include the following:

a. Contact information for the Permittee

b. Project description: the nature and purpose of the land disturbance activity and the amount of grading involved, including the amount of material removed and imported to the site.

c. Phasing of construction: the nature and purpose of the land disturbance activity and the amount of grading, utilities, and building construction

d. Existing and proposed site conditions: existing and proposed topography, vegetation, and drainage

e. Adjacent areas, neighboring streams, lakes, wetlands, residential areas, roads, etc., which might be affected by the land disturbance activity

f. Soils: soil names, mapping units, erodibility

g. Critical erosion and Environmentally ~~Sensative~~Sensitive areas: areas on the site that have potential for serious erosion problems and local water resources.

h. Erosion and sediment control measures: methods to be used to control erosion and sedimentation on the site, both during and after the construction process

i. Temporary and Permanent stabilization: how the site will be stabilized during and after construction is completed, including specifications

j. Storm water management: how storm runoff will be managed, including methods to be used if the development will result in increased peak rates or volume of runoff

k. Maintenance: schedule of regular inspections and repair of erosion and sediment control structures

l. Calculations: any that were made for the design of such items as sediment basins, diversions, waterways, and other applicable practices (Ord. 1510 09- 26-16)

E. Plan Review:

1. General: The City appoints the City Engineer to review the grading, erosion and sediment control plan to ensure compliance with the City of Roseville Design Standards and Grading, Erosion and Sediment Control Standards.

~~2.~~ Permit required: If the City determines that the grading, erosion and sediment control plan meets the requirements of this article, the City shall issue a permit, valid for a

specified period of time that authorizes the land disturbance activity contingent on ~~3.~~2. the implementation and completion of the erosion and sediment control plan.

~~4.~~3. Denial: If the City determines that the grading, erosion and sediment control plan does not meet the requirements of this article, the City shall not issue a permit for the land disturbance activity. The grading, erosion and sediment control plan must be resubmitted for approval before the land disturbance activity begins. No land use and building permits may be issued until the Permittee has an approved grading, erosion and sediment control plan.

~~5.~~4. Permit suspension: If the City determines that the approved plan is not being implemented according to the schedule or the control measures are not being properly maintained, all land use and building permits must be suspended and stop work order issued until the Permittee has fully implemented and maintained the control measures identified in the approved grading, erosion and sediment control plan.

F. Plan Implementation And Maintenance:

1. All grading should follow~~ing~~ the approved grading, erosion and sediment control plan. If temporary grading is needed, it should be reflected in the grading, erosion and sediment control plan.

2. All storm water pollution controls noted on the approved grading, erosion and sediment control plan shall be installed before commencing the land disturbance activity, and shall not be removed without City approval or issuance of a Certificate of Completion.

3. The Permittee shall be responsible for proper operation and maintenance of all stormwater pollution controls and soil stabilization measures in conformance with best management practices. The Permittee shall also be responsible for maintenance, clean- up and all damages caused by flooding of the site or surrounding area due to in-place grading, erosion and sediment control. The foregoing responsibilities shall continue until a Certificate of Completion is issued to the Permittee by the City for the land disturbance activity, and the obligations of the grading, erosion and sediment control permit have been satisfied.~~is terminated.~~

G. Modification of Plan: An approved grading, erosion and sediment control plan may be modified on submission of an application for modification to the City and subsequent approval by the City Engineer. In reviewing such application, the City Engineer may require additional reports and data and possible modification of escrow.

H. Escrow Requirement: The City shall require the Permittee to escrow a sum of money sufficient to ensure the grading is completed per the approved grading plan. The escrow shall also be sufficient to ensure the inspection, installation, maintenance, and completion of the grading, erosion and sediment control plan and practices. Escrow amounts shall be set as detailed in the adopted City fee schedule.~~from time to time by the City Council.~~ Upon project completion and the issuance of a Certificate of Completion any remaining amount held in escrow shall be returned to the Permittee.

I. Enforcement:

1. If the City determines the grading, erosion and sedimentation control is not being implemented or maintained according to the approved plan, the Permittee will be notified and provided with a list of corrective work to be performed. The corrective work shall be completed by the Permittee within forty-eight (48) hours after notification by the City. Notification may be given by:

a. Personal delivery upon the Permittee, or an officer, partner, manager or designated representative of the Permittee.

b. E-mail or facsimile by sending such notice to the e-mail address or facsimile number provided by the Permittee.

2. Failure to Do Corrective Work: If a Permittee fails to perform any corrective work or otherwise fails to conform to any provision of this ordinance within the time stipulated, the City may take any one or more of the following actions:

a. Issue a stop work order whereupon the Permittee shall cease all land disturbance activity on the site until such time as the City determines the corrective measures that are necessary to correct the conditions for which the stop work order was issued. Once the necessary

corrective actions have been determined the Permittee shall perform the corrective work. All corrective work must be completed before further land disturbance activity will be allowed to resume.

b. Complete the corrective work using City forces or by separate contract. The issuance of a land disturbance permit constitutes a right-of-entry for the City or its contractor to enter upon the construction site for the purpose of completing the corrective work.

c. Impose a monetary fine in an amount equal to twice the required permit fee.

d. Charge the Permittee for all staff time expended and costs incurred by the City to:

i perform any corrective work required by the City,

ii perform such inspections and reinspections of the site on which the land disturbance activity is occurring as the City deems necessary, and/or

iii coordinate and communicate with the Permittee regarding any corrective work, inspections, reinspections or other remedial actions which the City deems necessary to implement as a result of the failure of the Permittee to conform to the provisions of this ordinance, and

iv remedy any other failure of the Permittee to conform to provisions of this ordinance.

e. The cost for staff time shall be determined by multiplying the staff member's hourly rate times 1.9 times the number of hours expended, for all staff members (including administrative employees) involved in such corrective work, communications, coordination of activities, inspections, reinspections and other remedial actions. All amounts charged shall be paid by the Permitee within 30 days of the delivery by the City of a written invoice which describes such charges.

f. Draw on the escrow amount for all staff costs incurred, and payments due to the City as a result of the exercise by the City of any remedy available to the City pursuant to this ordinance.

g. Assess that portion of any unpaid charges which are attributable to the removal or elimination of public health or safety hazards from private property pursuant to Minnesota Statutes Section § 429.101.

h. Pursue any other legal equitable remedy which is available to the City.

3. Appeal of Notice of Violation: Any person receiving a Notice of Violation may appeal the determination of the Public Works Director. The notice of appeal must be received within 7 days from the date of the Notice of Violation. Hearing on the appeal before the City Manager or his/her designee shall take place within 15 days from the date of receipt of the notice of appeal. The decision of the City Manager or his/ her designee shall be final.

4. The remedies listed in this ordinance are not exclusive of any other remedies available under any applicable federal, state or local law and it is within the discretion of the City to seek cumulative remedies. (Ord. 1416, 9-26-2011)

803.05: STORMWATER BEST MANAGEMENT PRACTICE (BMP) MAINTENANCE

A. Maintenance of Stormwater BMPs. The City requires that stormwater BMPs be maintained.

1. Private Stormwater BMPs - All private stormwater BMPs shall be maintained by the property owner so that the BMPs are in proper condition consistent with the performance standards for which they were originally designed.

a. Ponds, Stormwater Wetlands, and other non-structural BMPs

i Removal of settled materials - All settled materials from ponds, sumps, grit chambers, and other BMPs, including settled solids, shall be removed and properly disposed of on a five (5) year interval. One (1) to five (5) year waivers from this requirement may be granted by the City when the owner presents evidence that the BMP has additional capacity to remove settled solids in accordance with the original design capacity.

b. Infiltration, Filtration, Underground Storage, and other structural BMPs

i Quarterly inspections, unless otherwise specified in a maintenance agreement, of the Private Stormwater BMPs and, if necessary, removal of all litter, debris, sediment, and replacement of mulch, vegetation, and eroded areas to ensure establishment of healthy

functioning plant life therein; and

ii A five (5) year certification, by a stormwater professional acceptable to the City, is required that demonstrates the Stormwater BMPs are functioning in accordance with the approved plans and have maintained the proper operation of the stormwater treatment as a Stormwater Management BMP according to the City Standards. The quarterly inspection(s) and certification(s) shall be made available to the City upon request without prior notice.

2. Maintenance plan required - No private stormwater BMPs may be approved unless a maintenance plan is provided that defines who will conduct the maintenance, the type of maintenance, and the maintenance intervals.

3. Inspection - The City shall inspect, or require the inspection of, all stormwater BMPs during construction, during the first year of operation, and at least once every five years thereafter, or as budget allows.

4. Maintenance of Publicly Owned Stormwater BMPs - The City shall annually perform the maintenance of the in place stormwater BMPs within the City as provided for in the local water management plan or watershed management plan. Further, the City shall notify the owners of other publicly owned stormwater BMPs if scheduled maintenance is needed according to periodic site inspections or maintenance plans on file.

B. Inventory of Stormwater BMPs. Upon adoption of this Chapter, the City shall inventory and maintain a database for all private and public stormwater BMPs within the City requiring maintenance to assure compliance with this ordinance. The City shall notify owners of public and private stormwater BMPs of the need for conducting maintenance at least every five years.

C. Severability. The provisions of this ordinance are severable, and if any provisions of this ordinance, or application of any provision of this ordinance to any circumstance, is held invalid, the application of such provision to other circumstances, and the remainder of this ordinance shall remain in full force and effect.

~~J.~~D. Failure to maintain Private Stormwater BMPs: It is the responsibility of the property owner to maintain all private stormwater BMPs in accordance with the original standards. If during a City inspection the BMP does not meet City standards, the City will notify the owner in writing of the deficiencies. Failure to properly maintain the BMP after notification could result in administrative penalties and abatement processes under Chapter 407 and/or 906 of the City 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 21st day of May, 2018.

(SEAL)

CITY OF ROSEVILLE

BY: _____
Daniel J. Roe, Mayor

ATTEST:

_____
Patrick Trudgeon, City Manager

CITY OF ROSEVILLE
OFFICIAL SUMMARY NO. _____

A SUMMARY OF AN ORDINANCE AMENDING TITLE EIGHT, CHAPTER 803

The following is the official summary of Ordinance No. _____ approved by the City Council of Roseville on May 21, 2018:

AN ORDINANCE AMENDING TITLE EIGHT, CHAPTER 803

Chapter 803 is amended to add language to modify/clarify specific requirements within the Roseville City Code to regulate grading, erosion control and sedimentation control and to regulate stormwater best management practice maintenance.

A printed copy of the ordinance is available for inspection by any person during regular office hours in the office of the City Manager at the Roseville City Hall, 2660 Civic Center Drive, Roseville, Minnesota 55113. A copy of the ordinance and summary is also be posted on the internet web page of the City of Roseville (www.cityofroseville.com).

Attest: _____
Patrick Trudgeon, City Manager

City of Roseville
ORDINANCE NO.

AN ORDINANCE REMOVING TITLE 7, CHAPTER 705, REGULATING EXCAVATING, GRADING AND SURFACING WITHIN THE CITY OF ROSEVILLE, MINNESOTA

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Purpose: The Roseville City Code is hereby amended to remove language to modify/clarify specific requirements within the Roseville City Code, Title 7, Chapter 705, is removed regulating excavation, grading and surfacing within the City of Roseville, MN.

SECTION 2. Chapter 705 is hereby removed as follows:

~~705.01: PERMITS REQUIRED:~~

~~No person, firm or corporation shall engage in any excavation, grading, surfacing or filling of land in the City without first securing a permit as set forth in this Section.~~

~~A. Permit From City Manager: A permit is required from the City Manager or designee for any of the following:~~

~~1. If more than50 cubic yards of material are being placed or removed from the site, and a permit is not required by subsection B below.~~

~~2. If filling activities occur within ten feet of a property line.~~

~~3. If the filling activities change the drainage patterns of the applicant property or adjacent properties.~~

~~4. If filling activities will adversely affect or alter a wetland area or ponding area.~~

~~B. Permit From City Council: A permit is required from the City Council for any of the following:~~

~~1. For any filling or excavating on developed land zoned R-1 or R-2 where the site is less than one acre and the fill or excavation exceeds500 cubic yards.~~

~~2. For any filling or excavating on developed land zoned R-1 or R-2 where the site is one acre or greater and the proposed fill/excavation exceeds 1,000 cubic yards.~~

~~3. For any filling or excavating on undeveloped land zoned R-1 or R-2 where the site is less than one acre and the proposed fill/excavation exceeds 2,000 cubic yards.~~

~~4. For any filling or excavating on undeveloped land zoned R-1 or R-2 where the site is greater than one acre and the proposed fill/excavation exceeds4,000 cubic yards.~~

~~5. For any filling or excavating on developed commercial/industrial property where the site is less than two and one-half acres and the proposed fill/excavation exceeds 2,500 cubic yards.~~

~~6. For any filling or excavating on developed commercial/industrial property where the site is greater than two and one-half acres and the proposed fill/excavation exceeds 5,000 cubic yards.~~

~~7. For any filling or excavating on undeveloped commercial/industrial property where the site is less than two and one-half acres and the proposed fill/excavation exceeds 5,000 cubic yards.~~

~~8. For any filling or excavating on undeveloped commercial/industrial property where the site is greater than two and one-half acres and the proposed fill/excavation exceeds 10,000 cubic yards. (Ord. 1137, 4-25-1994)~~

~~705.02: APPLICATION:~~

~~All persons desiring such permits shall file on the appropriate forms as provided by the City Manager or designee and pay a fee as required by the City Council. The City Council will pass a resolution establishing the fees. (Ord. 1137, 4-25-1994)~~

~~705.03: NOTICE TO ADJACENT PROPERTY OWNERS:~~

~~All permits required to be issued by the City Council will be issued only after the appropriate notices have been sent to the adjacent property owners whose land might be affected by the excavating, grading, surfacing or filling, and a hearing held. The City Manager or designee will determine who the affected adjacent landowners are. (Ord. 1137, 4-25-1994)~~

~~705.04: GUARANTEE OF COMPLETION:~~

~~The City Manager or designee may require guarantees that the proposed filling, excavation or grading will be completed by a specified date and require financial guarantees to assure completion. (Ord. 1137, 4-25-1994)~~

~~705.05: ADDITIONAL LICENSES OR PERMITS:~~

~~A permit received under this Chapter does not relieve the applicant from securing any other permit or license that might be required. (Ord. 1137, 4-25-1994)~~

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 21st day of May, 2018.

(SEAL)

CITY OF ROSEVILLE

BY: _____

Daniel J. Roe, Mayor

ATTEST:

_____

Patrick Trudgeon, City Manager

CITY OF ROSEVILLE
OFFICIAL SUMMARY NO. _____

A SUMMARY OF AN ORDINANCE AMENDING TITLE SEVEN, CHAPTER 705

The following is the official summary of Ordinance No. _____ approved by the City Council of Roseville on May 21, 2018:

AN ORDINANCE AMENDING TITLE SEVEN, CHAPTER 705

Chapter 705 is amended to remove language to modify/clarify specific requirements within the Roseville City Code to regulate excavation, grading, and surfacing.

A printed copy of the ordinance is available for inspection by any person during regular office hours in the office of the City Manager at the Roseville City Hall, 2660 Civic Center Drive, Roseville, Minnesota 55113. A copy of the ordinance and summary is also be posted on the internet web page of the City of Roseville (www.cityofroseville.com).

Attest: _____
Patrick Trudgeon, City Manager

CITY OF ROSEVILLE

PUBLIC WORKS, ENVIRONMENT AND TRANSPORTATION COMMISSION

EXCERPTS FROM FEB. 27, 2018 and MARCH 27, 2018 MEETING MINUTES

FEB. 27, 2018 MEETING MINUTES:

Chapter 802: Sewer Use and Regulations.
Mr. Freihammer reported this amendment adds languages on discharging of Fats, Oils, and Grease (FOG). It adds new requirements for new businesses and adds regulations to existing businesses that discharge FOG. The intent of the ordinance is to reduce FOG that causes increased maintenance of the City's sewer infrastructure and also reduce the risk of backups caused by FOG.

He referred to Section 802.15.A.1 and noted "Food Service Facility" will be changed to "Food Service Establishment (FSE)."

Chair Cihacek referred to 802.15.A.2 and noted FOG should be a parenthetical reference, not separated by "or."

Mr. Freihammer stated if someone comes in with a new restaurant, they would be required to install a grease interceptor, which is similar to a septic tank. It will remove the FOG and prevent the sewer system from backing up. It is not required for existing businesses if they are following best management practices or having any issues. However, if issues are documented and ongoing, it may be required. They will require reports on how often they are maintaining grease traps.

He provided a map of the areas this ordinance would affect. This would mostly affect restaurants and hotels.

Member Wozniak inquired why there are no issues around Rosedale with concentration of food establishments in that area.

Mr. Freihammer responded the size of the pipe also determines the effects of grease buildup.

Mr. Culver noted Rosedale also has a private sewer within its campus.

Mr. Freihammer reported they will educate businesses affected by this ordinance. A lot of it includes general housekeeping practices that businesses can employ to prevent FOG from getting into the water. A lot of other cities have a similar ordinance in place.

Member Trainor inquired how many other cities have this in place.

Mr. Freihammer responded most cities have something in place and some cities require all existing businesses to have an interceptor in place. Golden Valley has the most restrictive requirements and staff modeled Roseville's on what Elk River requires.

Member Trainor inquired if they spoke with any of the business owners. He also inquired how they can provide feedback on this new ordinance.

Mr. Freihammer responded they have not spoken to any business owners. They will notify businesses when this goes before the City Council and they can express feedback at the public hearing.

Mr. Culver commented it will have an immediate impact on new construction and they are not going to require it in existing businesses. They will first work with them to follow best practices. If businesses are not making any effort and there is no improvement, then installation of the grease interceptor may be required.

Member Misra inquired about kitchens associated with churches and schools.

Mr. Freihammer stated they would technically be considered existing and would be required to follow best practices like other existing establishments. If a new church came in and had a commercial kitchen, it would have to be evaluated.

Commissioner Wozniak inquired if the Metropolitan Council regulates FOG differently than other discharges.

Mr. Freihammer responded they do not. It is a collection system issue and they would look at it as a treatment issue.

Commissioner Wozniak inquired if Public Works staff would be doing the inspections and outreach.

Mr. Freihammer confirmed this.

Commissioner Wozniak inquired if restaurants who upgrade their kitchens would be required to install a grease interceptor.

Mr. Culver stated if it is a level of upgrade that required an upgrade to the plumbing code, they would require this as well.

Member Wozniak stated he will email his comments on the text to staff.

Member Trainor stated they should consider having the annual and maintenance records be a suggested practice instead of a required practice.

Mr. Freihammer noted they need to owners to fill it out because it is the only way for the City to document they have done the work. They could require them just to have the records available, but not require them to submit it.

Member Trainor commented ideally, they will see problems in the sewer system and then they can pursue the offender.

Chair Cihacek stated if people choose not to keep the records, they have no grounds for an appeal. It is in their best interest to maintain the records.

Mr. Culver noted if there is a backup and they cannot provide their records, it becomes a liability issue for them.

Mr. Freihammer stated he initially thought they could annually provide a letter along with the forms as a way to remind them of this best management practice.

The Commission agreed to change the language to reflect that the submittal of records will not be required annually, but owners should be able to provide them on demand.

Member Wozniak referred to item E and required if there are licensed haulers to remove this product.

Mr. Freihammer noted he believes they are licensed by the MPCA.

Chair Cihacek suggested they clarify what they mean by licensed hauler in the ordinance. Due to all the suggested changes, he requested they see this ordinance again at the next meeting.

MARCH 27, 2018 MEETING MINUTES:

Chapter 803 – Storm Water Drainage.

Mr. Freihammer reported they now included the grading ordinance as part of this and will also include Stormwater Facility Management and Maintenance. The grading ordinance would be removed from the zoning code. This will simplify the ordinance by including it in one area and it will become part of the erosion control permit. With the stormwater facility, they are talking about private BMPs and what property owners are required to do. The frequency of inspections was reduced from monthly to quarterly, and they did not require the records to be submitted annually.

Chair Cihacek referred to Section 803.05, item A(1)(a)(i) and inquired if the phrase "when granted by the community" is standard language or if it should read "when granted by the City."

Mr. Freihammer responded he will change it to "when granted by the City."

Chair Cihacek referred to Section 803.05, item A(1)(b)(ii) and inquired about "qualified individual [LS2]."

Mr. Freihammer responded the [LS2] is a comment made by staff. They did not want to define what determines who is a qualified individual. It was left subjective and staff would be determining if a person is qualified to sign off on it. It could create a potential issue and they could try to define who that is.

Chair Cihacek stated they may not have to define it if they include a remedy to the process if there is a dispute as to whether a person is qualified or not. This could be through an appeal process or preapproval process.

Mr. Freihammer commented anyone with experience in dealing with stormwater BMPs would be qualified. They also have checklists and inspection forms they can share with businesses and property owners.

Member Trainor inquired if this would be addressed in the required maintenance plan. The owners must submit a plan, and have it approved by the City and this approval includes who will conduct the maintenance. If they changed the person conducting the maintenance without coordination with the City, they would be liable for anything the City wanted to do.

Mr. Freihammer noted they are trying to make sure businesses have someone in charge.

Member Seigler stated if it is clean and nice and passes inspection, it should not matter.

Mr. Culver explained the quarterly inspections could be done by any maintenance staff on site. The annual inspection and certification needs to come from a more technically qualified individual. They need to certify that it is operating as designed.

Chair Cihacek stated this would need to be someone with an engineering background or something beyond maintenance.

Mr. Culver agreed and stated it could be a technician or a landscape contractor with prior experience on this.

Member Misra inquired if the maintenance plan would cover the inspections and suggested they include language that indicates approval of who would conduct the inspections.

Chair Cihacek agreed with Member Misra.

Mr. Culver suggested the wording be changed to "an annual inspection certification by an approved individual as indicated in the maintenance plan."

Mr. Culver noted they will look at possible options.

Chair Cihacek commented they can submit it as is knowing there is a potential risk for problems during the first year of implementation. Based upon feedback, they can make an adjustment the following year.

Grading, Erosion and Sediment Control Permit Information Handout City Code 803.04

Purpose: To regulate grading and to control or eliminate soil erosion and sedimentation resulting from construction activity within the City to ensure that sediment from construction sites is not getting into the City's storm sewer pipes, ponds and lakes, it is necessary for Public Works Staff to inspect construction sites after a rain event or at least once a week.

Permit Requirements

- All sites with more than 50 CY (Cubic Yards) of graded material, or sites with greater than 5,000 square feet or more of disturbed area or any land disturbance within the shoreland overlay district not exempted by City Ordinance are required to obtain a Grading, Erosion and Sediment Control Permit.
- An erosion control plan shall be submitted with all permits.
- A Grading Plan shall be submitted on all new construction sites, all sites within the shoreland district or on sites where greater than 50 Cubic Yards of material moved or as required by the City Engineer.
    a. The grading plan must include the total amount of material that will be moved on site, including a breakdown of the amount of material imported and the amount of material exported.
    b. If hauling materials, haul routes must be identified.
    c. Estimated time to complete work.
- The permit needs to be signed by the applicant and the property owner.

Minimum Erosion Control Requirements

- All controls shall be installed and inspected by the City before starting work on a site. Please call 651-792-7004 to schedule a site inspection meeting before beginning construction.
- Inlet protection and perimeter control shall be installed to manage sediment from the site.
- Street sweeping shall be performed at least weekly to remove sediment tracked onto City streets.
- Stabilization is required for stock piles and exposed soils that have not been worked for 14 days.
- All basement and/or foundation excavation spoil piles shall be kept completely off city right-of-way and shall be completely surrounded with approved erosion control.
- All construction waste shall be properly managed and disposed of so it will not have an adverse impact on water quality.

Erosion Control Application Fees

Since staff time spent on inspections will vary depending on the size of the construction site, the fees for this permit are based on the size of the site. Permits are good for one year from the date of issuance.

Size of site	Assumed construction time	Initial Fee (for 1st year)	Renewal Fee (for each additional year)	Escrow
<5,000 SF (shoreland only)	1-2 weeks	$50	N/A	N/A
<0.5 Acre (residential remodel only)	1 Month	$350	N/A	$1,000
<1 acre	3-4 months	$625.00	$220.00	$3,000
1-5 acres	7-8 months	$900.00	$320.00	$3,000-$15,000
>5 acres	12 months	$1400.00	$480.00	>$15,000
Escrow	$3,000 per acre (rounded up to nearest acre)			

Engineering Dept◆2660 Civic Center Dr◆Roseville, MN 55113 ◆ Phone: 651-792-7004 ◆FAX: 651-792-7040

Updated: February 27, 2018

Grading, Erosion and Sediment Control Permit Information Handout City Code 803.04

Grading Permit Fees

Fee based on cubic yards of material moved.

Amount of Grading		Escrow
<5,000 SF (shoreland only)	$0.00	N/A
<50 CY	$50	N/A
51-250 CY	$100	N/A
251-1000 CY	$200	$20/CY
1001-10,000 CY	$350	$20/CY
>100,000 CY	$650	$20/CY

Grading escrows may be reduced by the City Engineer depending on site conditions.

Escrow Information

- The City shall require an erosion control escrow as a part of the permit. This sum of money shall ensure the inspection, installation, maintenance, and completion of the erosion control plan.
- For sites with grading in excess of 250 CY of material, a grading escrow will be required.
- The applicant shall be responsible for proper operation and maintenance of all controls.
- **Any problems identified by the City shall be addressed within 48 hours of notification.**
- If the applicant does not comply with the erosion control plan or requests from the City, the City may take such action as it deems appropriate to control erosion, including using the escrow money to sweep streets and repair or clean erosion controls.
- If correction items are not addressed within 48 hours of notice, escrow money will be deducted for staff time spent on follow up inspections.
- Grading escrow funds will be released when the City determines the grading has been completed per the approved grading plan.
- Remaining erosion control escrow funds will not be released until the site has undergone final stabilization and all erosion control has been removed.

ROSEVILLE *GRADING, EROSION CONTROL & STORMWATER PERMIT*

☐ Grading ☐ Erosion Control ☐ Stormwater ***Permit No:*** _____

APPLICATION DATE:		
SITE:	Address/Location:	
APPLICANT:	Company:	Daytime Phone:
Address:		Email:
City/State/Zip:		Contact Person:
Applicant Signature:		
ESCROW DEPOSIT FROM:	Name:	
Address:	City/State/Zip:	

The applicant assumes all responsibilities for installation and maintenance of the erosion control on this site. Any problems identified by the City erosion control inspector shall be addressed within 48 hours of notification.
The applicant understands that failure to follow grading plan or install and maintain erosion control within the time allotted will result in the City using escrow funds to remedy deficiencies and for additional staff time. The issuance of this permit constitutes a right-of-entry for the City or its contractor to enter upon the construction site for the purpose of completing the corrective work.

As Property Owner I further agree and understand that in the event that there are insufficient escrow funds, the cost for the work will be billed to the applicant. If payment is not made in full within 30 days of receiving the bill, the unpaid amount will be assessed to my property taxes, together with any additional administrative charges and interest (5%) of the unpaid amount.
By signing this application I authorize the City of Roseville to certify to my property taxes any unpaid costs, together with additional administrative charges and interest. I understand that this authorization constitutes and is intended to be a full and complete waiver of any notice, hearing, irregularity, appeal, or any other rights that might otherwise apply to the City's imposition of costs or assessments under this permit.

OWNER:	Name:	Daytime Phone:
Address:		Email:
City/State/Zip:		Contact Person:
Property Owner Signature:		

PERMIT FEES (fee schedule on back side)

Number of Acres Disturbed:				
Grading Fees:				
Total Amount of Material Graded (CY) :	Amount of Grading Material Imported (CY) :	Amount of Grading Material Removed (CY) :		
Escrow Fees:				
$1,000.00 (residential remodel only)	$	$3,000.00 x number of acres	$	
Permit Fees for 1 year (circle one):				
<5,000 SF (shoreland only) = $50.00	< 0.5 acre (residential remodel only) = $350.00	5,000 SF to 1 acre = $625.00	1-5 acres = $900.00	Over 5 acres = $1,400.00
Permit Renewal Fees (circle one):				
<5,000 SF (shoreland only) = N/A	< 0.5 acre (residential remodel only) = N/A	5,000 SF to 1 acre = $220.00	1-5 acres = $320.00	Over 5 acres = $480.00
FOR OFFICE USE ONLY				
Amount Paid:	Date Paid:	Initials:	Notes:	

Fees adopted 1/1/2018

Engineering Dept◆2660 Civic Center Dr◆Roseville, MN 55113 ◆ Phone: 651-792-7004 ◆FAX: 651-792-7040
Please call 651-792-7004 to schedule a site inspection meeting before beginning construction.

DRAFT

Erosion Control Application Fees

Since staff time spent on inspections will vary depending on the size of the construction site, the fees for this permit are based on the size of the site. Permits are good for one year from the date of issuance.

Size of site	Assumed construction time	Initial Fee (for 1st year)	Renewal Fee (for each additional year)	Escrow
<5,000 SF (shoreland only)	1-2 weeks	$50	N/A	N/A
<0.5 Acre (residential remodel only)	1 Month	$350	N/A	$1,000
<1 acre	3-4 months	$625.00	$220.00	$3,000
1-5 acres	7-8 months	$900.00	$320.00	$3,000-$15,000
>5 acres	12 months	$1400.00	$480.00	>$15,000
Escrow	$3,000 per acre (rounded up to nearest acre)			

Grading Permit Fees

Fee based on cubic yards of material moved. Grading escrows may be reduced by the City Engineer depending on site conditions.

Amount of Grading		Escrow
<5,000 SF (shoreland only)	$0.00	N/A
<50 CY	$50	N/A
51-250 CY	$100	N/A
251-1000 CY	$200	$20/CY
1001-10,000 CY	$350	$20/CY
>100,000 CY	$650	$20/CY

DRAFT

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **7.e**

Department Approval	City Manager Approval

Item Description: Approve Fats, Oils, Grease (FOG) Ordinance

BACKGROUND

Currently Chapter 802, Sewer Use and Regulations, does not regulate the discharge of fats, oils and greases (FOG). These materials are typically generated from food manufacturing or preparation, and can be discharged into the sanitary sewer system if proper steps are not in place. Currently many restaurants and other businesses that generate FOG are discharging this material into the sanitary sewer system. This material, as it cools, collects and coats the city's sanitary sewer collection system including pipes and lift stations. This leads to a greater need for maintenance and a higher risk of sewer backups.

In order to limit the amount of FOG that is discharged in the city's sanitary sewer collection system staff has proposed amending Chapter 802 of the City Code by adding a section regulating the discharge of FOG. Some of the highlights of the ordinance are as follows:

- Provides definition of FOG.
- Provides definitions of Food Service Establishments (FSE) and Food manufacturer/processor (FM/P) who would be regulated by the new ordinance.
- Requires all FSE and FM/P to participate in FOG prevention program.
- Prohibits the discharge of FOG to the sanitary sewer system.
- Requires FOG interceptors to be installed for all new FSE or FM/Ps.
- Allows the Public Works Director to require existing FSE or FM/Ps, who have been found to discharge FOG into the sanitary sewer collection system requiring the system to be cleaned more than twice in a calendar year, to install grease interceptors.
- Requires the maintenance of grease interceptors.
- Requires FSE and FM/Ps to document maintenance of grease interceptors or other grease control devices.
- Allows the City to inspect FSE and FM/Ps for compliance with FOG ordinance.
- Allows the City to charge for remedial maintenance or repair of the City's sanitary sewer system.
- Allows the City to charge fees for failure to have maintenance records or failing FOG inspections.

The overall goal of the ordinance is to reduce FOG in the sanitary sewer collection system, to reduce the risk of sewer backups and the amount of maintenance required. Should the ordinance be approved, staff will work to identify all existing FSE and FM/Ps to help educate them on the new ordinance requirements. Staff would provide information on training and other best management practices that could be used to prevent FOG.

Staff presented the ordinance amendment to the Public Works Environmental and Transportation Commission at their February and March meetings and incorporated their comments into the ordinance amendment presented.

FINANCIAL IMPACTS

There will be fees associated with the FOG ordinance. Amendment of the fee schedule for fees associated with violations of the FOG ordinance will be brought to Council at a later date should the FOG ordinance be adopted.

STAFF RECOMMENDATION

Based on the comments provided in this report, staff recommends approval of the proposed text ordinance amendments to Roseville's City Code, Title 8, Chapter 802 Section 802.15, establishing an ordinance Regulating the Discharge of Fats, Oils and Grease within the City of Roseville.

REQUESTED COUNCIL ACTION

Adopt proposed text ordinance amendments to Roseville's City Code, Title 8, Chapter 802 Section 802.15, establishing an ordinance Regulating the Discharge of Fats, Oils and Grease within the City of Roseville.

Prepared by: Jesse Freihammer, Asst. Public Works Director/City Engineer

Attachments:
A: Ordinance Amendment, Fats, Oils, Grease Ordinance
B: Ordinance Summary, Fats, Oils, Grease Ordinance
C: Excerpts from Public Works, Environment and Transportation Commission Feb. 27, 2018 Meeting Minutes
D: Draft FOG handouts
E: Letter to Business Owners

City of Roseville
ORDINANCE NO.

AN ORDINANCE ADDING TITLE 8, CHAPTER 802, SECTION 802.15, ESTABLISHING AN ORDINANCE REGULATING THE DISCHARGE OF FATS, OILS AND GREASE WITHIN THE CITY OF ROSEVILLE, MINNESOTA

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Purpose: The Roseville City Code is hereby amended to modify/clarify specific requirements within the Roseville City Code, Title 8, Chapter 802, Section 802.15 establishing an ordinance regulating the discharge of Fats, Oils and Grease within the City of Roseville, MN.

SECTION 2. Section 802.15 is hereby amended as follows:

802.04: APPLICATION FOR SEWER CONNECTION:

A. Permit Fees: Any person desiring a connection to the Municipal sanitary sewer system for property not previously connected with the system shall make application for a permit to the Chief Code Enforcement Officer, accompanied by such information as required by the Chief Code Enforcement Officer, together with a permit and inspection fee as set by City Council resolution; provided, however, that a separate permit may be issued for that portion of the sewer connection extending from the property line to the main sewer or other outlet for which permit the fee shall be as set by City Council resolution and a separate permit may also be issued for that portion of the sewer extending from the house or building to the property line for which the permit fee shall be as set by City Council resolution. Inspection of the sewer service from the main to the building shall be performed by the Chief Code Enforcement Officer to ensure compliance to all applicable codes. (Ord. 1009, 3-23-87; amd. 1995 Code)

B. Additional Building Permit Fees: In addition to the building permit fees established in Section 901.06 and in addition to any other fees established in this Code there is hereby established a fee to pay and reimburse the City for all sums which the City shall be required to pay to the Metropolitan Council Environmental Services because of all construction.

C. Additional Fees to Pay for Unassessed Property and to reimburse the City for Metropolitan ~~-~~ ~~Metropolitan~~ Council Environmental Services Charges: The permit fee for connection to the City sanitary sewer system shall be paid for each connection in the amount specified in subsections A and B of this Section. In addition thereto, before any permit shall be issued, the following conditions shall be complied with:

1. No permit shall be issued to connect with any sanitary sewer system of the City directly or indirectly from any lot or tract of land unless the Public Works Director shall have certified:
   a. That such lot or tract of land has been assessed for the cost of construction of the sanitary sewer main with which the connection is made; or
   b. If no assessment has been levied for such construction cost, the proceedings for levying such assessment have been or will be completed in due course; or
   c. If no assessment has been levied and no assessment proceedings will be completed in due course, that a sum equal to the portion of cost of constructing said sanitary sewer main which would be assessable against said lot or tract has been paid to the City; or
   d. That all charges and fees as required by subsection B, which are fees to reimburse the City for all sums paid to the Metropolitan Council Environmental Services required by the construction of new buildings are paid. (Ord. 688, 12-18-72)
2. If no such certificate can be issued by the Public Works Director, no permit to connect to any sanitary sewer main shall be issued unless the applicant shall pay an additional connection fee which shall be equal to the portion of the cost of construction of the said sanitary sewer main which would be assessable against said lot or tract to be served by such connection for the main, including interest at a rate equal to the interest rate of the original assessment from the date of the original assessment and continuing for a period of 20 years or the amount of years

the assessment was payable, whichever is less. Interest may be waived or decreased when it is determined by the Public Works Director that the improvement was not subject to utilization until a later date. Said assessable cost is to be determined by the Public Works Director upon the same basis as any assessment previously levied against other property for the main. If no such assessment has been levied, the assessable cost will be determined upon the basis of the uniform charge which may have been or which shall be charged for similar connection with said main, determined on the basis of the total assessable cost of said main, allocated on a frontage basis, acreage basis or both. (Ord. 745, 12-30-74)

D. Licenses Required: Permits shall be issued only to such persons who are duly licensed by the City to engage in the business of plumbing who have filed with the City the insurance certificates required under subsection F of this Section; provided, however, that permit may be issued to any person who is duly licensed by the City as a sewer contractor and who has filed with the City the insurance certificates required under subsection F for building and repairing that portion of the house or building sewer extending from the property line to the main sewer or other outlet. (Ord. 234, 8-6-57; amd. 1995 Code)

E. License Fees: The annual license fee shall be as set by City Council resolution.

F. Insurance:

1. Before any required permit is issued, the licensee applying for the permit shall file with the City Manager a certificate of insurance covering the licensee for the period covered by the license in the minimum liability amount of six hundred thousand dollars ($600,000.00).

2. The certificate shall state that the policies covering the licensee shall not be canceled without ten days' written notice to the City. (Ord. 531, 3-20-67; amd. 1995 Code)

802.15: DISCHARGE OF FATS, OILS AND GREASE:

A. Definitions: The following words, terms and phrases, when used in this section, shall have the meaning:

1. Best Management Practice or BMP: Fats, Oils and Grease or FOG BMP's are the most effective and practicable means of controlling, preventing and minimizing the discharge of FOG into the City's sanitary sewer system including the installation of devices, device maintenance, training or any other practice that reduces FOG.

2. Food Service Establishments or FSE means any facility containing an operation that prepares, packages, serves, vends or otherwise provides food or which disposes of food related wastes. Food service facility does not include single or multifamily residential facilities, but does include institutional facilities and other facilities designated by the City Manager or their designee, as a facility that discharges enough FOG to have significant impact on the City's sanitary sewer system.

3. Fats, Oils and Grease or FOG: means material composed primarily of fats, oils and grease from animal or vegetable sources.

4. **Food manufacturer/processor or FM/P** means those establishments using methods and techniques to transform raw ingredients into food for human consumption.

5. **Grease interceptor** means grease retention units of the outdoor or underground type with a 1,000- to 3,000-gallon capacity. FSE requiring a larger than 3,000-gallon capacity interceptor shall plumb and install additional separate units.

6. **Grease trap** means a device for separating and retaining waterborne greases and grease complexes prior to the wastewater exiting the trap and entering the sanitary sewer system.

B. **FOG program participation required.**

1. This section applies to all FSE and FM/P discharging wastewater containing fats, oils and grease to the City's sanitary sewer system including, but not limited to, restaurants, grocery stores, meat markets, hotels, correctional facilities, factory and office building cafeterias, public and private schools, hospitals, multiple tenant housing, commercial day care centers, places of worship, and catering services.

2. As of the effective date of this ordinance and thereafter, no FSE or FM/P shall discharge any substance of any kind into any portion of the City's sanitary sewer system except in

accordance with a best management practice (BMP) program which has been approved by the City's Public Works Director in writing.

3. The city shall, from time to time, establish by resolution the minimum standards for the content of a BMP program.

4. No FSE or FM/P shall discharge any substance of any kind into any portion of the sanitary sewer system which is not in conformance with the BMP program for that FSE or FM/P.

C. **FOG prohibitions.** No FSE or FM/P shall;

1. Install food grinders in a plumbing or sewage system in any new construction or renovation of a structure designed to house a FSE or FM/P;

2. Discharge any wastewater containing FOG into the sanitary sewer system except in compliance with the BMP program for that facility;

3. Introduce any additives into the sanitary sewer system for the purpose of emulsifying FOG or biologically or chemically treating any substance introduced into any sanitary sewer system for the purpose of treatment or pretreatment of wastewater, unless with a specific written authorization by the Public Works Director;

4. Discharge wastewater at temperatures in excess of 160 degrees Fahrenheit to any grease interceptor or grease trap;

5. Operate grease interceptors if the unit has accumulated waste, both FOG and food solids, accounting for 25 percent or more of its wetted depth measured from the static water level to the interior tank bottom, with FOG and solids accumulation, exceeding 25 percent of the total operating depth of the grease interceptor; or

6. Discharge any FOG or any other solid materials removed from the grease control device to the sanitary sewer system.

D. **FOG interceptors installation requirements.**

1. Except as provided for in subsection 802.15.M, any structure designed for or intended to be used for an FSE or FM/P must have a grease interceptor installed prior to discharging any wastewater into a sanitary sewer system. Such grease interceptor must comply with all conditions as set forth in the State of Minnesota Administrative Rule 4715 and the Ramsey County Public Health Department;

2. Property owners of any new commercial construction structure designed to house multiple tenants on a single parcel shall be responsible to install and maintain a single grease interceptor to serve each individual tenant. If a property owner demonstrates to the Public Works Director that it is not practically possible to install and maintain a single grease interceptor to serve each individual unit located in the structure, in which case the Public Works Director has the discretion to approve a plan for such structure providing for more than one grease interceptor or a combination of grease interceptors and grease traps to service such property, which approval shall be in writing. Said approved plan shall include the minimum number of grease interceptors and grease traps that can reasonably serve the structure and the BMP program shall specifically include service for all approved grease intercepts and grease traps;

3. The owner of any structure occupied by more than one FSE or FM/P shall be jointly and severally liable with the owner of each FSE or FM/P served by any grease interceptor or any grease trap for the servicing and maintenance of that grease interceptor or grease trap and for any servicing and maintenance of any sanitary sewer system located downstream from said structure to remove any accumulations of FOG therefrom;

4. The Public Works Director may require existing FSE or FM/Ps and owners of structures in which such FSE or FM/Ps are located which have been identified as introducing FOG in any portion of the sanitary sewer system, and which introduction of FOG, in whole or in combination with other FOG contributors, has been responsible for causing the need for the city to clean such portion of the sanitary sewer system more than twice in a single calendar year to install grease interceptors or other FOG equipment as deemed necessary to comply with this section. Such installation shall be completed and operational within 180 days of notice by the Public Works Director.

E. Grease interceptors. Maintenance and cleaning of grease interceptors. In the maintaining and routine cleaning of grease interceptors and any other grease control device, the owner of the

FSE or FM/P and the owner of the structure in which it is located, if different from the owner of the FSE or FM/P shall be responsible for the proper removal and disposal by appropriate means of the captured material. If not performed by personnel under the direct control and direction of any such owner, such removal and haul shall be performed by currently licensed waste disposal haulers.

1. Maintenance of grease interceptors shall be performed as frequently as necessary to protect the sanitary sewer system against the accumulation of FOG. Maintenance shall be performed as determined by inspection and application of the 25-percent rule, or at intervals specified in the permit, whichever is more frequent. Maintenance shall be performed at least every 90 days.

    a. The 25-percent rule requires that the depth of oil and grease (floating and settled) in a trap shall be less than 25 percent of the total operating depth of the trap. The operating depth of a trap is determined by measuring the internal depth from the outlet water elevation to the bottom of the trap.

F. Grease traps. Maintenance of grease traps shall be performed as frequently as necessary to protect the sanitary sewer system against the accumulation of FOG. Maintenance shall be performed as required by inspection and/or sampling or at intervals specified in the permit, whichever is more frequent. Maintenance shall be performed at minimum every 14 days.

G. Maintenance modifications. Food service facilities which operate infrequently or only for special events may request a modification to the maintenance schedule specified above. The Public Works Director may authorize a maintenance frequency related to the operation of the food service facility. The property owner shall submit a request for a modified maintenance schedule which includes all details of operation for the director to review.

H. Disposal. The property owner shall be responsible for the proper removal and disposal of the grease interceptor or trap waste. All waste removed from each grease interceptor or trap must be disposed of properly at an appropriate facility designed to receive grease interceptor or trap waste. No grease interceptor or trap waste shall be discharged into any City sanitary or storm sewer system.

I. Maintenance log. The property owner shall be responsible for retaining records of the maintenance of grease interceptors and traps including manifests, permits, permit applications, correspondence, sampling data and any other documentation that may be requested by the City. This log shall include the dates of service, volume of waste removed, waste hauler, and disposal site of waste. These records shall be kept on-site at the location of the grease interceptor or trap for a period of three years and are subject to review by the City upon request without prior notification.

J. Inspection. The City will perform periodic inspections of these facilities and shall notify the property owner of any additional required maintenance or repairs. Upon written notification by the City, the property owner shall be required to perform the maintenance and records of said maintenance within 14 calendar days. Upon inspection by the City the property owner may be required to install, at their expense, additional controls to provide a complete system which prevents discharges of FOG into the sanitary sewer system.

K. Exception from grease interceptor requirements. If the owner of any FSE or FM/P or of any structure in which an FSE or FM/P is located or is to be located demonstrates to the reasonable satisfaction of the Public Works Director that installation of a grease interceptor is not feasible, the Public Works Director may grant an exception allowing such owner to install grease traps or other alternative treatment technology which will in their discretion adequately control the release of FOG from the FSE or FM/P or the structure into the sanitary sewer system. The FSE or FM/P bears the burden of demonstrating that the installation of a grease interceptor is not feasible to the satisfaction of the Public Works Director.

L. Charge for remedial maintenance or repair of the City sanitary sewer system.

1. In the event that the owner of an FSE or FM/P or the owner of any structure in which an FSE or FM/P is located is found to have contributed to the partial or complete obstruction of a sanitary sewer system resulting from the discharge of wastewater or waste containing FOG and that the City is required to act immediately to control a public health hazard because of such blockage, such owner shall be required to reimburse the City for all costs of abating such

condition. In situations where there are multiple owners identified as contributing to FOG causing such obstruction, the Public Works Director will apportion the cost of the cleanup, maintenance or repair costs on a prorated basis, based on each owner's percentage share of the average total sanitary sewer charges for all such owners. Further, should inspection, testing or other sampling activity by the City confirm that any property owner is contributing FOG (including other harmful ingredients) and is causing the repair or excessive maintenance activity to maintain the sanitary sewer system, the Public Works Director may require retrofitting of the structure with grease interceptors or grease traps, including testing facilities and access thereto sufficient to resolve the problem;

2. The costs for curing any private sewer lateral failures and sewer system overflows, including cleaning and other maintenance, caused in whole or in part by FOG introduced into the sanitary sewer system by any FSE or FM/P, alone or in conjunction with any other party, are the responsibility of the owner of the FSE or FM/P and the owner of any structure in which the FSE or FM/P contributing the FOG to the sanitary sewer system is located.

M. Compliance. Compliance with the grease control program shall be evaluated based on the following criteria:

1. All FSE and SM/P who are implementing and documenting BMPs and performing and documenting grease retention unit cleaning at the required frequency will be considered to be in full compliance with this policy.

2. When an obstruction and/or sanitary sewer overflow occur due to the presence of FOG, the records of all FSE or FM/P that discharge to the affected sanitary sewer line may be reviewed in order to determine the responsible party. Any FSE or FM/P found to be in noncompliance with the required grease retention unit cleaning frequency shall be deemed a "responsible party" for cost recovery. Payment of cost recovery does not preclude further enforcement actions for noncompliance as per the FOG enforcement response plan.

N. Penalties and assessments for FOG program noncompliance. In the event that the owner of an FSE or FM/P or the owner of any structure in which an FSE or FM/P is located is found to have failed to comply with the provisions of this division, the following penalties or assessments or both may be applied:

1. For introduction of FOG into any sanitary sewer system resulting in obstruction to said system or in a sanitary sewer overflow:

a. The city may disconnect water and sewer service to the FSE or FM/P and to the structure in which the FSE or FM/P is located;

b. City may impose a fine per the City's Fee Schedule until such owner demonstrates that the subject FSE or FM/P or structure is in compliance with the requirements of this section;

2. For failure to maintain records as required by the BMP program for any FSE or FM/P, or failing or refusing to timely comply with any request for records required to be provided to the Public Works Director, a fine per the City's Fee Schedule until such records are provided;

3. For failure to pass the FOG inspection due to lack of or ineffective FOG equipment the Public Works Director may:

a. Require the subject FSE or FM/P to install additional FOG equipment as necessary to resolve the problem;

~~a.~~b. Change the sewer rate class of the FSE or FM/P to reflect the presence of the excessive FOG contribution by the FSE or FM/P

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 21st day of May, 2018.

(SEAL)

CITY OF ROSEVILLE

BY: _____
Daniel J. Roe, Mayor

ATTEST:

_____
Patrick Trudgeon, City Manager

CITY OF ROSEVILLE
OFFICIAL SUMMARY NO. _____

A SUMMARY OF AN ORDINANCE AMENDING TITLE EIGHT, CHAPTER 802

The following is the official summary of Ordinance No. _____ approved by the City Council of Roseville on May 21, 2018:

AN ORDINANCE AMENDING TITLE EIGHT, CHAPTER 802

Chapter 802 is amended to add language to modify/clarify specific requirements within the Roseville City Code to regulate discharge of Fats, Oils and Grease.

A printed copy of the ordinance is available for inspection by any person during regular office hours in the office of the City Manager at the Roseville City Hall, 2660 Civic Center Drive, Roseville, Minnesota 55113. A copy of the ordinance and summary is also be posted on the internet web page of the City of Roseville (www.cityofroseville.com).

Attest: _____
Patrick Trudgeon, City Manager

CITY OF ROSEVILLE

PUBLIC WORKS, ENVIRONMENT AND TRANSPORTATION COMMISSION

EXCERPTS FROM FEB. 27, 2018 MEETING MINUTES

Chapter 802: Sewer Use and Regulations.

Mr. Freihammer reported this amendment adds languages on discharging of Fats, Oils, and Grease (FOG). It adds new requirements for new businesses and adds regulations to existing businesses that discharge FOG. The intent of the ordinance is to reduce FOG that causes increased maintenance of the City's sewer infrastructure and also reduce the risk of backups caused by FOG.

He referred to Section 802.15.A.1 and noted "Food Service Facility" will be changed to "Food Service Establishment (FSE)."

Chair Cihacek referred to 802.15.A.2 and noted FOG should be a parenthetical reference, not separated by "or."

Mr. Freihammer stated if someone comes in with a new restaurant, they would be required to install a grease interceptor, which is similar to a septic tank. It will remove the FOG and prevent the sewer system from backing up. It is not required for existing businesses if they are following best management practices or having any issues. However, if issues are documented and ongoing, it may be required. They will require reports on how often they are maintaining grease traps.

He provided a map of the areas this ordinance would affect. This would mostly affect restaurants and hotels.

Member Wozniak inquired why there are no issues around Rosedale with concentration of food establishments in that area.

Mr. Freihammer responded the size of the pipe also determines the effects of grease buildup.

Mr. Culver noted Rosedale also has a private sewer within its campus.

Mr. Freihammer reported they will educate businesses affected by this ordinance. A lot of it includes general housekeeping practices that businesses can employ to prevent FOG from getting into the water. A lot of other cities have a similar ordinance in place.

Member Trainor inquired how many other cities have this in place.

Mr. Freihammer responded most cities have something in place and some cities require all existing businesses to have an interceptor in place. Golden Valley has the most restrictive requirements and staff modeled Roseville's on what Elk River requires.

Member Trainor inquired if they spoke with any of the business owners. He also inquired how they can provide feedback on this new ordinance.

Mr. Freihammer responded they have not spoken to any business owners. They will notify businesses when this goes before the City Council and they can express feedback at the public hearing.

Mr. Culver commented it will have an immediate impact on new construction and they are not going to require it in existing businesses. They will first work with them to follow best practices.

If businesses are not making any effort and there is no improvement, then installation of the grease interceptor may be required.

Member Misra inquired about kitchens associated with churches and schools.

Mr. Freihammer stated they would technically be considered existing and would be required to follow best practices like other existing establishments. If a new church came in and had a commercial kitchen, it would have to be evaluated.

Commissioner Wozniak inquired if the Metropolitan Council regulates FOG differently than other discharges.

Mr. Freihammer responded they do not. It is a collection system issue and they would look at it as a treatment issue.

Commissioner Wozniak inquired if Public Works staff would be doing the inspections and outreach.

Mr. Freihammer confirmed this.

Commissioner Wozniak inquired if restaurants who upgrade their kitchens would be required to install a grease interceptor.

Mr. Culver stated if it is a level of upgrade that required an upgrade to the plumbing code, they would require this as well.

Member Wozniak stated he will email his comments on the text to staff.

Member Trainor stated they should consider having the annual and maintenance records be a suggested practice instead of a required practice.

Mr. Freihammer noted they need to owners to fill it out because it is the only way for the City to document they have done the work. They could require them just to have the records available, but not require them to submit it.

Member Trainor commented ideally, they will see problems in the sewer system and then they can pursue the offender.

Chair Cihacek stated if people choose not to keep the records, they have no grounds for an appeal. It is in their best interest to maintain the records.

Mr. Culver noted if there is a backup and they cannot provide their records, it becomes a liability issue for them.

Mr. Freihammer stated he initially thought they could annually provide a letter along with the forms as a way to remind them of this best management practice.

The Commission agreed to change the language to reflect that the submittal of records will not be required annually, but owners should be able to provide them on demand.

Member Wozniak referred to item E and required if there are licensed haulers to remove this product.

Mr. Freihammer noted he believes they are licensed by the MPCA.

Chair Cihacek suggested they clarify what they mean by licensed hauler in the ordinance. Due to all the suggested changes, he requested they see this ordinance again at the next meeting.

Attachment D

2660 Civic Center Drive ❖ Roseville, Minnesota 55113
651-792-7004 ❖ Engineering@cityofroseville.com

FATS, OILS, & GREASE (FOG)

Management Plan Checklist

This checklist will help your establishment steer clear of FOG-related problems and their associated costs.

1. Have you heard about the potential problems fats, oils, and grease can cause to the sanitary sewer system (both private and public)?

☐ Yes ☐ No ☐ Not sure

2. Does your establishment have a grease trap or interceptor? ☐ Yes ☐ No

If yes, do you have a cleaning schedule?

If no, do you have a plan that prevents grease entering the sanitary sewers?

3. Is your grease trap or interceptor being cleaned regularly (by staff or a contractor)? ☐ Yes ☐ No

☐ If yes, do you monitor amount of grease removed? (If the trap more than 50% full at time of cleaning, frequency of cleaning should be increased.)

4. Is management witnessing or inspecting the cleaning to be sure Best Management Practices (BMPs) are being followed? ☐ Yes ☐ No

5. Is the cleaning and maintenance log current? ☐ Yes ☐ No

☐ Log records volume of grease removed ☐ Frequency of cleaning is____weeks or____months

6. Do employees receive training on proper handling and disposal of grease? ☐ Yes ☐ No

7. Do employees remove grease by dry methods (scraping, wiping, sweeping) before using wet methods? ☐ Yes ☐ No

8. Do employees know not to pour grease down the drain? ☐ Yes ☐ No

☐ Employees have been trained on designated sites for grease collection.

☐ Scrapers/other tools are readily available for removing grease from surfaces and equipment.

9. The following cleaning practices are in place (check all that apply):

☐ use of rubber scrapers to remove FOG from cookware, utensils, and chafing dishes, etc

☐ use of absorbent materials to soak up oil and grease under fryer baskets

☐ use of paper towels to wipe down work areas (cloth towels will eventually release grease during washing)

☐ water temperature is kept at 140 degrees F or below in sinks with grease traps

☐ "No Grease" signs are posted near drains

☐ drain screens are placed in all sinks and floor drains

10. Our spill clean-up plan includes the following (check all that apply):

☐ procedures for different types of spills ☐ training schedules for employees

☐ designated employee to monitor cleanup ☐ a plan posted in work area

☐ clean-up kits in place and well-marked with absorbent materials available

11. Are exhaust hood filters cleaned on a regular basis? ☐ Yes ☐ No

12. Do you have a procedure for cleaning exhaust hoods? ☐ Yes ☐ No

13. Does runoff from hood cleaning flow through a grease trap? ☐ Yes ☐ No

2660 Civic Center Drive ❖ Roseville, Minnesota 55113
651-792-7004 ❖ Engineering@cityofroseville.com

FATS, OILS, & GREASE (FOG)

Management Plan Checklist (cont.)

14. Are floor mats cleaned inside the premises, and is cleaning water discharged to a sink or floor drain with a grease trap? ☐ Yes ☐ No

15. The following items are cleaned so runoff goes to a grease trap (check all that apply):

☐ grease filters ☐ grills cleaning bucket water from cleaning greasy surfaces

16. Spills of grease are wiped up before the following items are cleaned (check all that apply):

☐ floor mats ☐ floors

17. Are only licensed companies used to haul away fats, oils, and grease? ☐ Yes ☐ No

If so, who? (Name of company): _____

18. The following Best Management Practices (BMPs) are followed in storing fats, oils, and grease (check all that apply):

☐ all storage containers are covered

☐ storage containers are placed away from storm drains and catch basins

☐ if containers must be near catch basins or drains, containers are bermed with absorbent pads to prevent spills reaching drain

☐ a spill prevention plan is in place (note – do not use kitty litter or other flowable materials for cleaning spills near storm drains)

19. All employees are trained in Best Management Practices (BMPs) for fats, oils, and grease (check all that apply):

☐ training is updated and tracked regularly ☐ cleanup guidelines are posted

☐ "No Grease" signs are posted near drains without grease traps

☐ a spill prevention plan is in place (note – do not use kitty litter or other flowable materials for cleaning spills near storm drains)

☐ employees are trained to properly use dumpsters and recycling containers

- ☐ always keep them covered ☐ stay alert for signs of leaks
- ☐ pick up spilled material and litter regularly
- ☐ if water is used to clean area, direct water to sanitary sewer

Establishment Information

Food Service Facility Name	
Address	
Point Of Contact	
Phone Number	Email

2660 Civic Center Drive ❖ Roseville, Minnesota 55113
651-792-7004 ❖ Engineering@cityofroseville.com

FATS, OILS, & GREASE (FOG)

Best Management Practices Employee Training Checklist

- All new and existing employees must understand best management practices for keeping Fats, Oils, and Grease (FOG) out of the environment.

Approved BMPs For Restaurants	Yes	No	N/A
Train all staff members about FOG best management practices (BMPs) to ensure they are implemented			
Post "No Grease" signs above sinks and on the front of dishwashers			
Use water temperatures less than 140° F			
Use a three-sink dishwashing system with sinks for washing, rinsing, and sanitizing			
Dry-wipe all dishware before washing and place the grease and food in garbage receptacles			
Recycle waste cooking oil			
Recycle food waste or place it in the garbage			
Do not pour grease into sinks or toilets			
Avoid or limit the use of garbage disposals			
Witness all grease trap or interceptor cleaning and maintenance			
Clean under-sink grease traps weekly			
Clean grease interceptors routinely			
Keep a maintenance log of the frequency and volume of the interceptor cleanings			
Cover outdoor grease and oil storage containers			
Locate grease dumpsters and storage containers away from storm drain catch basins			
Use absorbent pads or material to clean up spills around outdoor equipment as well as in storm drain catch basins			
Routinely clean kitchen exhaust system filters			

Name of Establishment	Date of Training
Name of Owner/Manager (please print)	Signature of Owner/Manager
Name of Employee (please print)	Signature of Employee

2660 Civic Center Drive ❖ Roseville, Minnesota 55113
651-792-7004 ❖ Engineering@cityofroseville.com

FATS, OILS, & GREASE (FOG)

Grease Interceptor Cleaning Log

Business Name			Phone				
Address							
Size of Grease Interceptor (gal)			Date of Quarterly Inspection		Inspector Initials		
Date of Service	Initials of Employee Inspecting Cleaning	Name of Cleaning Service	Initials of Cleaning Service Employee	Gallons Pumped	Additional Comments/ Manifest #	Depth of Grease	Depth of Trap

I certify that this document was prepared under my direction or supervision. The information submitted is, to the best of my knowledge and belief, true, accurate, and complete. All records of maintenance and cleaning shall be retained on site for three years. Failure to provide copies of maintenance and cleaning logs during an inspection by the City of Golden Valley may result in fines or other penalties.

Name	Title
Signature	Date

Schedule Reminder ☐ January ☐ February ☐ March ☐ April ☐ May ☐ June ☐ July ☐ August ☐ September ☐ October ☐ November ☐ December

May 17, 2018

«BusinessName»
Attention: Manager
«Address»
«CityStateZIP»

Dear Roseville Restaurant or Grocer Manager:

In order to protect the integrity of the operation of the City's sanitary sewer system, the City of Roseville will be considering adopting a new section of City Code related to the discharge of Fats, Oils, and Greases (FOG) into the sanitary sewer system.

You likely already have a small grease trap as part of your internal plumbing system. If well maintained, these grease traps can do a sufficient job of keeping FOG from the sanitary pipes, including your own sewer service line. However, if not well maintained, or undersized for the amount of grease produced, you could be discharging large amounts of FOG into the sanitary system that could create issues for you and/or your neighbors.

Therefore, the City is considering the adoption of new requirements for businesses that discharge FOG. The proposed ordinance text is attached as well as some documents that help you understand what you should be doing now in order to provide for reasonable protection of the discharge of FOG from your property.

We invite you to attend the **City Council meeting on Monday May 21st at Roseville City Hall.** The meeting will start at 6 PM. The agenda for the meeting will be available online by Friday and will list an approximate time for the FOG Ordinance consideration. There will be an opportunity to provide public comment on the ordinance before the Council takes final consideration of the ordinance.

If you have any questions in the meantime I encourage you to contact either myself or the City Engineer Jesse Freihammer. Our contact info is listed below.

Marc Culver
Public Works Director
651-792-7041
marc.culver@cityofroseville.com

Jesse Freihammer
City Engineer/Assistant Public Works Director
651-792-7042
jesse.freihammer@cityofroseville.com

Sincerely,

Marcus J. Culver, P.E.
Public Works Director

ROSEVILLE

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **9.a**

Department Approval

Chris K. Miller

City Manager Approval

Item Description: Approve Payments

BACKGROUND

State Statute requires the City Council to approve all payment of claims. The following summary of claims has been submitted to the City for payment.

Check Series #	Amount
ACH Payments	$3,153,986.57
89223-89378	$495,876.47
Total	$3,649,863.04

A detailed report of the claims is attached. City Staff has reviewed the claims and considers them to be appropriate for the goods and services received.

POLICY OBJECTIVE

Under Mn State Statute, all claims are required to be paid within 35 days of receipt.

FINANCIAL IMPACTS

All expenditures listed above have been funded by the current budget, from donated monies, or from cash reserves.

STAFF RECOMMENDATION

Staff recommends approval of all payment of claims.

REQUESTED COUNCIL ACTION

Motion to approve the payment of claims as submitted

Prepared by: Chris Miller, Finance Director
Attachments: A: Checks for Approval

Accounts Payable

Checks for Approval

User: Mary.Jenson
Printed: 5/15/2018 - 2:48 PM

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/02/2018	2719 Lexington Avenue	Building & Structures	Land Title, Inc-Non Bank	Closing Payment for 2719 Lexington	2,235,798.99
					Building & Structures Total:	2,235,798.99
					Fund Total:	2,235,798.99
0	05/15/2018	Boulevard Landscaping	Operating Supplies	MN Dept of Agriculture-CC	Pesticide Applicator License	30.75
89369	05/03/2018	Boulevard Landscaping	Operating Supplies	Specialty Solutions, LLC	Snapshot, Glystar	259.41
					Operating Supplies Total:	290.16
					Fund Total:	290.16
89350	05/03/2018	Central Svcs Equip Revolving	Rental - Office Machines	Marco Technologies, LLC	Tonrt & Staples	196.00
					Rental - Office Machines Total:	196.00
					Fund Total:	196.00
0	04/26/2018	Charitable Gambling	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	6.52
0	05/03/2018	Charitable Gambling	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	6.52
					Federal Income Tax Total:	13.04
0	04/26/2018	Charitable Gambling	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	1.69
0	04/26/2018	Charitable Gambling	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	7.23
0	05/03/2018	Charitable Gambling	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	7.23
0	05/03/2018	Charitable Gambling	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	1.69

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					FICA Employee Ded. Total:	17.84
0	04/26/2018	Charitable Gambling	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	7.23
0	04/26/2018	Charitable Gambling	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	1.69
0	05/03/2018	Charitable Gambling	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare E	1.69
0	05/03/2018	Charitable Gambling	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	7.23
					FICA Employers Share Total:	17.84
0	04/26/2018	Charitable Gambling	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	1.07
0	05/03/2018	Charitable Gambling	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	1.07
					MN State Retirement Total:	2.14
0	04/26/2018	Charitable Gambling	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	6.95
0	05/03/2018	Charitable Gambling	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	6.96
					PERA Employee Ded Total:	13.91
0	04/26/2018	Charitable Gambling	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	1.07
0	04/26/2018	Charitable Gambling	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	6.95
0	05/03/2018	Charitable Gambling	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	1.07
0	05/03/2018	Charitable Gambling	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	6.96
					PERA Employer Share Total:	16.05
0	04/26/2018	Charitable Gambling	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	4.03
0	05/03/2018	Charitable Gambling	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	4.04
					State Income Tax Total:	8.07
					Fund Total:	88.89
89266	04/26/2018	Community Development	Advertising	Lillie Suburban Newspaper Inc	Ordinances, Notices-Acct: 000262	275.40
89347	05/03/2018	Community Development	Advertising	Lillie Suburban Newspaper Inc	Notices-Acct: 000262	53.55
					Advertising Total:	328.95
0	05/02/2018	Community Development	Conferences	Caribou Coffee- CC	Conference Supplies	15.02

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/02/2018	Community Development	Conferences	Cub Foods- CC	Conference Supplies	8.99
					Conferences Total:	24.01
0	05/02/2018	Community Development	Credit Card Fees	US Bank-Non Bank	March 2018 Terminal Charges	988.16
0	05/02/2018	Community Development	Credit Card Fees	US Bank-Non Bank	March 2018 Terminal Charges	1,020.46
					Credit Card Fees Total:	2,008.62
0	04/26/2018	Community Development	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	3,669.83
0	05/03/2018	Community Development	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	3,693.43
					Federal Income Tax Total:	7,363.26
0	04/26/2018	Community Development	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	508.84
0	04/26/2018	Community Development	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Emplo	2,175.82
0	05/03/2018	Community Development	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	510.35
0	05/03/2018	Community Development	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Emplo	2,182.26
					FICA Employee Ded. Total:	5,377.27
0	04/26/2018	Community Development	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Emplo	2,175.82
0	04/26/2018	Community Development	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	508.84
0	05/03/2018	Community Development	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Emplo	2,182.26
0	05/03/2018	Community Development	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	510.35
					FICA Employers Share Total:	5,377.27
89341	05/03/2018	Community Development	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplo	537.01
					HRA Employer Total:	537.01
0	04/26/2018	Community Development	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00002.04.2018 ICMA Defe	817.96
0	05/03/2018	Community Development	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00001.05.2018 ICMA Defe	813.11
					ICMA Def Comp Total:	1,631.07
89267	04/26/2018	Community Development	Life Ins. Employee	LINA	Life Insurance Premium	208.87
					Life Ins. Employee Total:	208.87

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
89267	04/26/2018	Community Development	Life Ins. Employer	LINA	Life Insurance Premium	57.14
					Life Ins. Employer Total:	57.14
89267	04/26/2018	Community Development	Long Term Disability	LINA	Life Insurance Premium	190.06
					Long Term Disability Total:	190.06
89344	05/03/2018	Community Development	McGough Headquarter	Kennedy & Graven, Chartered	TIF-McGough Legal Services	780.00
					McGough Headquarter Total:	780.00
89288	04/26/2018	Community Development	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	622.38
					Medical Ins Employee Total:	622.38
89288	04/26/2018	Community Development	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	4,664.24
					Medical Ins Employer Total:	4,664.24
0	05/15/2018	Community Development	Memberships & Subscriptions	AMBO-CC	Membership Dues	200.00
					Memberships & Subscriptions Total:	200.00
0	04/26/2018	Community Development	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	352.56
0	05/03/2018	Community Development	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	353.58
					MN State Retirement Total:	706.14
0	04/26/2018	Community Development	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	650.01
0	05/03/2018	Community Development	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	645.43
					MNDCP Def Comp Total:	1,295.44
0	05/02/2018	Community Development	Office Supplies	Amazon.com- CC	Office Supplies	84.00
0	04/26/2018	Community Development	Office Supplies	Innovative Office Solutions	Office Supplies	52.02
					Office Supplies Total:	136.02
0	05/02/2018	Community Development	Operating Supplies	Nelsons Cheese & Deli-CC	Boxed Lunches	63.09

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
				Operating Supplies Total:		63.09
0	04/26/2018	Community Development	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	2,291.71
0	05/03/2018	Community Development	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	2,298.32
				PERA Employee Ded Total:		4,590.03
0	04/26/2018	Community Development	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	352.56
0	04/26/2018	Community Development	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	2,291.71
0	05/03/2018	Community Development	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	353.58
0	05/03/2018	Community Development	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	2,298.32
				PERA Employer Share Total:		5,296.17
0	05/03/2018	Community Development	Professional Services	WSB & Associates, Inc.	2040 Comprehensive Plan	9,867.50
				Professional Services Total:		9,867.50
0	04/26/2018	Community Development	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	1,725.54
0	05/03/2018	Community Development	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	1,735.07
				State Income Tax Total:		3,460.61
89364	05/03/2018	Community Development	Technology Fee	RJ Ryan	Permit Fee Overpayment Refund-250	200.00
				Technology Fee Total:		200.00
89302	04/26/2018	Community Development	Telephone	T Mobile	Cell Phones - Acct: 876644423	67.15
				Telephone Total:		67.15
0	05/02/2018	Community Development	Training	MN Assoc of Plumbing-CC	Plumbing Training	90.00
				Training Total:		90.00
				Fund Total:		55,142.30
89375	05/03/2018	Contracted Engineering Svcs	Deposits	Veit & Company, Inc.	Escrow Fee Refund-EC17-045 2470 I	15,000.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Deposits Total:	15,000.00
0	04/26/2018	Contracted Engineering Svcs	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	671.09
0	05/03/2018	Contracted Engineering Svcs	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	677.03
					Federal Income Tax Total:	1,348.12
0	04/26/2018	Contracted Engineering Svcs	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	391.97
0	04/26/2018	Contracted Engineering Svcs	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Er	91.67
0	05/03/2018	Contracted Engineering Svcs	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	393.76
0	05/03/2018	Contracted Engineering Svcs	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	92.09
					FICA Employee Ded. Total:	969.49
0	04/26/2018	Contracted Engineering Svcs	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	391.97
0	04/26/2018	Contracted Engineering Svcs	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Er	91.67
0	05/03/2018	Contracted Engineering Svcs	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	92.09
0	05/03/2018	Contracted Engineering Svcs	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	393.76
					FICA Employers Share Total:	969.49
89267	04/26/2018	Contracted Engineering Svcs	Life Ins. Employee	LINA	Life Insurance Premium	18.00
					Life Ins. Employee Total:	18.00
89267	04/26/2018	Contracted Engineering Svcs	Life Ins. Employer	LINA	Life Insurance Premium	9.60
					Life Ins. Employer Total:	9.60
89267	04/26/2018	Contracted Engineering Svcs	Long Term Disability	LINA	Life Insurance Premium	34.46
					Long Term Disability Total:	34.46
89288	04/26/2018	Contracted Engineering Svcs	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	1,187.98
					Medical Ins Employer Total:	1,187.98
0	04/26/2018	Contracted Engineering Svcs	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	64.24
0	05/03/2018	Contracted Engineering Svcs	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	64.54

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					MN State Retirement Total:	128.78
0	04/26/2018	Contracted Engineering Svcs	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	125.00
0	05/03/2018	Contracted Engineering Svcs	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	125.00
					MNDCP Def Comp Total:	250.00
0	04/26/2018	Contracted Engineering Svcs	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	417.62
0	05/03/2018	Contracted Engineering Svcs	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	419.51
					PERA Employee Ded Total:	837.13
0	04/26/2018	Contracted Engineering Svcs	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	64.24
0	04/26/2018	Contracted Engineering Svcs	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	417.62
0	05/03/2018	Contracted Engineering Svcs	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	64.54
0	05/03/2018	Contracted Engineering Svcs	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	419.51
					PERA Employer Share Total:	965.91
89337	05/03/2018	Contracted Engineering Svcs	Right of Way Permits	Jin Hansen	Right of Way Fee Refund-ROW18-01	100.00
					Right of Way Permits Total:	100.00
0	04/26/2018	Contracted Engineering Svcs	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	324.16
0	05/03/2018	Contracted Engineering Svcs	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	326.07
					State Income Tax Total:	650.23
					Fund Total:	22,469.19
89334	05/03/2018	EDA Operating Fund	Conferences	Greater MSP	Broker Appreciation Event	116.00
					Conferences Total:	116.00
89314	05/03/2018	EDA Operating Fund	Miscellaneous	AE Sign Systems, Inc.	Nameplates	131.90
					Miscellaneous Total:	131.90
0	04/26/2018	EDA Operating Fund	Printing	Innovative Office Solutions	Office Supplies	43.64

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
				Printing Total:		43.64
				Fund Total:		291.54
89256	04/26/2018	Fire Vehicles Revolving	Vehicle Supplies & Maintenance	HealthEast Medical Transportation	Vehicle Repair/Maintenance	8,889.02
				Vehicle Supplies & Maintenance Total:		8,889.02
				Fund Total:		8,889.02
0	05/02/2018	General Fund	209000 - Sales Tax Payable	MN Dept of Revenue-Non Bank	Sales/Use Tax	14.83
				209000 - Sales Tax Payable Total:		14.83
89266	04/26/2018	General Fund	Advertising	Lillie Suburban Newspaper Inc	Ordinances, Notices-Acct: 000262	135.00
89347	05/03/2018	General Fund	Advertising	Lillie Suburban Newspaper Inc	Notices-Acct: 000262	63.98
				Advertising Total:		198.98
89226	04/26/2018	General Fund	Clothing	Aspen Mills Inc.	Uniform Supplies	228.85
89316	05/03/2018	General Fund	Clothing	Aspen Mills Inc.	Uniform Supplies	84.20
89318	05/03/2018	General Fund	Clothing	Avenue Shirt Works	Uniform Supplies	119.08
89318	05/03/2018	General Fund	Clothing	Avenue Shirt Works	Uniform Supplies	24.00
89235	04/26/2018	General Fund	Clothing	Cintas Corporation #470	Uniform Supplies	33.86
89235	04/26/2018	General Fund	Clothing	Cintas Corporation #470	Uniform Supplies	33.86
89325	05/03/2018	General Fund	Clothing	Cintas Corporation #470	Uniform Supplies	33.86
89333	05/03/2018	General Fund	Clothing	Galls, LLC	Uniform Supplies	33.98
89333	05/03/2018	General Fund	Clothing	Galls, LLC	Uniform Supplies	312.90
89333	05/03/2018	General Fund	Clothing	Galls, LLC	Uniform Supplies	11.99
89333	05/03/2018	General Fund	Clothing	Galls, LLC	Uniform Supplies	33.98
89333	05/03/2018	General Fund	Clothing	Galls, LLC	Uniform Supplies	98.99
89333	05/03/2018	General Fund	Clothing	Galls, LLC	Uniform Supplies	399.86
89333	05/03/2018	General Fund	Clothing	Galls, LLC	Uniform Supplies	16.98
89333	05/03/2018	General Fund	Clothing	Galls, LLC	Uniform Supplies-Credit	-108.96
0	04/26/2018	General Fund	Clothing	Ken Hopkins	Boots Reimbursement Per Union Con	127.49
0	05/15/2018	General Fund	Clothing	Joes USA-CC	Uniform Supplies	627.95
89343	05/03/2018	General Fund	Clothing	Keeprs Inc	Uniform Supplies	258.98
89343	05/03/2018	General Fund	Clothing	Keeprs Inc	Uniform Supplies	971.25
89343	05/03/2018	General Fund	Clothing	Keeprs Inc	Uniform Supplies	78.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/15/2018	General Fund	Clothing	LA Police Gear, Inc.-CC	Uniform Supplies	238.92
0	05/03/2018	General Fund	Clothing	Streicher's	Uniform Supplies	1,044.50
0	05/03/2018	General Fund	Clothing	Streicher's	Uniform Supplies	1,044.50
0	05/03/2018	General Fund	Clothing	Streicher's	Uniform Supplies	1,044.50
					Clothing Total:	6,793.52
0	05/02/2018	General Fund	Conferences	Conrad Hotels-CC	Conference Lodging	537.03
0	05/02/2018	General Fund	Conferences	FDIC-CC	Fire Engineers Conference	575.00
0	05/02/2018	General Fund	Conferences	FDIC-CC	Fire Engineers Conference	575.00
0	05/15/2018	General Fund	Conferences	Grandview Lodge-CC	City Manager Conference Lodging	248.34
0	05/15/2018	General Fund	Conferences	GTS Educational-CC	City Manager Conference Registratio	520.00
0	05/02/2018	General Fund	Conferences	GTS Educational-CC	MCMA Conference Supplies	545.00
0	05/15/2018	General Fund	Conferences	Holiday Inn-CC	Conference Lodging	293.79
0	05/15/2018	General Fund	Conferences	Kelly Tasky-CC	Conference Lodging	14.24
89284	04/26/2018	General Fund	Conferences	Munici Pals	Spring Workshop-Thorson, Mahmud	120.00
0	05/02/2018	General Fund	Conferences	Sheraton-CC	Conference Lodging	305.42
0	05/02/2018	General Fund	Conferences	Special Operations-CC	Patrol Conference/Training	620.00
					Conferences Total:	4,353.82
89313	05/03/2018	General Fund	Contract Maint - Vehicles	Abra MN Roseville	Vehicle Repairs	347.59
89230	04/26/2018	General Fund	Contract Maint - Vehicles	Benco Equipment-Shakopee	Lift Inspection	540.00
89320	05/03/2018	General Fund	Contract Maint - Vehicles	Boyer Trucks	Vehicle Repair	267.02
89252	04/26/2018	General Fund	Contract Maint - Vehicles	Goodyear Tire & Rubber Company	Vehicle Repair	863.44
89273	04/26/2018	General Fund	Contract Maint - Vehicles	Metal Doctor Inc.	Vehicle Repair	1,550.00
89362	05/03/2018	General Fund	Contract Maint - Vehicles	Ramsey County	Fleet Support Fee	380.64
89294	04/26/2018	General Fund	Contract Maint - Vehicles	Roseville Chrysler Jeep Dodge	Vehicle Repair	99.99
					Contract Maint - Vehicles Total:	4,048.68
89222	04/26/2018	General Fund	Contract Maint. - City Hall	AE2S Construction, LLC	Boiler Repair	397.08
0	05/03/2018	General Fund	Contract Maint. - City Hall	Life Safety Systems	Fire Control Panel Repair	240.00
89271	04/26/2018	General Fund	Contract Maint. - City Hall	McGough Facility Management, LI	Facility Management	2,940.75
89304	04/26/2018	General Fund	Contract Maint. - City Hall	Twin City Garage Door Co.	Door Repair	592.00
					Contract Maint. - City Hall Total:	4,169.83
89271	04/26/2018	General Fund	Contract Maint. - City Garage	McGough Facility Management, LI	Facility Management	784.20
0	05/02/2018	General Fund	Contract Maint. - City Garage	Nitti Sanitation-CC	Regular Service	339.66

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					Contract Maint. - City Garage Total:	1,123.86
0	05/03/2018	General Fund	Contract Maint. H.V.A.C.	Yale Mechanical, LLC	HVAC Service	1,018.25
0	05/03/2018	General Fund	Contract Maint. H.V.A.C.	Yale Mechanical, LLC	HVAC Service	193.25
					Contract Maint. H.V.A.C. Total:	1,211.50
0	04/26/2018	General Fund	Contract Maint.- Old City Hall	Adam's Pest Control Inc	Monthly Service	79.00
					Contract Maint.- Old City Hall Total:	79.00
89317	05/03/2018	General Fund	Contract Maintenance	AT&T Mobility	Cell Phone	60.82
89236	04/26/2018	General Fund	Contract Maintenance	Comcast	Business Services	108.33
89243	04/26/2018	General Fund	Contract Maintenance	Emergency Response Solutions, LL	SCBA Flow test, Face Piece	2,928.00
89357	05/03/2018	General Fund	Contract Maintenance	MorphoTrust, USA	Help Desk Maintenance	275.00
0	05/02/2018	General Fund	Contract Maintenance	NFPA Natl Fire Protect-CC	Contract	1,345.50
0	05/02/2018	General Fund	Contract Maintenance	Nitti Sanitation-CC	Regular Service	100.98
89362	05/03/2018	General Fund	Contract Maintenance	Ramsey County	Fleet Support Fee	271.44
89376	05/03/2018	General Fund	Contract Maintenance	Verizon Wireless	Cell Phones	238.34
0	04/26/2018	General Fund	Contract Maintenance	Yale Mechanical, LLC	Water Leak Repair	1,139.15
					Contract Maintenance Total:	6,467.56
89280	04/26/2018	General Fund	Contract Maintenence	MN Dept of Transportation	Traffic Signal Maintenance	409.59
					Contract Maintenence Total:	409.59
89362	05/03/2018	General Fund	Dispatching Services	Ramsey County	911 Dispatch Service	27,333.25
89362	05/03/2018	General Fund	Dispatching Services	Ramsey County	911 Dispatch Service	5,052.35
					Dispatching Services Total:	32,385.60
89289	04/26/2018	General Fund	Donations	Northern Star Council/Exploring	Explorer Program	330.00
					Donations Total:	330.00
89374	05/03/2018	General Fund	Emeral Ash Borer	Upper Cut Tree Service	Tree Removal	1,827.00
					Emeral Ash Borer Total:	1,827.00

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0	05/02/2018	General Fund	Employee Recognition	Byerly's- CC	Going Away Cake-Mayfield	62.99
0	05/15/2018	General Fund	Employee Recognition	Union SNC-CC	Queen Single Roses on Base	282.50
					Employee Recognition Total:	345.49
89288	04/26/2018	General Fund	Employer Insurance	NJPA	Health Insurance Premium-April 201	1,070.00
89288	04/26/2018	General Fund	Employer Insurance	NJPA	Health Insurance Premium-April 201	790.00
					Employer Insurance Total:	1,860.00
0	04/26/2018	General Fund	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inc	32,015.40
0	05/03/2018	General Fund	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inc	33,604.08
					Federal Income Tax Total:	65,619.48
0	04/26/2018	General Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	4,810.02
0	04/26/2018	General Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	7,398.07
0	05/03/2018	General Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare E	4,906.65
0	05/03/2018	General Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	7,357.07
					FICA Employee Ded. Total:	24,471.81
0	04/26/2018	General Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	4,810.02
0	04/26/2018	General Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	7,398.07
0	05/03/2018	General Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	7,357.07
0	05/03/2018	General Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare E	4,906.65
					FICA Employers Share Total:	24,471.81
89278	04/26/2018	General Fund	Financial Support	MN Child Support Payment Center	Remittance ID: 0015005038	365.50
89278	04/26/2018	General Fund	Financial Support	MN Child Support Payment Center	Remittance ID: 0015528480	234.42
89355	05/03/2018	General Fund	Financial Support	MN Child Support Payment Center	Remittance ID: 0015005038	365.50
89355	05/03/2018	General Fund	Financial Support	MN Child Support Payment Center	Remittance ID: 0015496949	39.89
89355	05/03/2018	General Fund	Financial Support	MN Child Support Payment Center	Remittance ID: 0015528480	234.42
					Financial Support Total:	1,239.73
0	05/03/2018	General Fund	Flex Spending Day Care	[redacted]	Dependent Care Reimbursement	930.00
0	05/03/2018	General Fund	Flex Spending Day Care		Dependent Care Reimbursement	192.92

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					Flex Spending Day Care Total:	1,122.92
0	04/26/2018	General Fund	Flex Spending Health	[redacted]	Flexible Benefit Reimbursement	1,955.00
0	05/03/2018	General Fund	Flex Spending Health	[redacted]	Flexible Benefit Reimbursement	67.10
0	04/26/2018	General Fund	Flex Spending Health	[redacted]	Flexible Benefit Reimbursement	175.00
0	04/26/2018	General Fund	Flex Spending Health	[redacted]	Flexible Benefit Reimbursement	506.90
					Flex Spending Health Total:	2,704.00
89341	05/03/2018	General Fund	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplc	4,286.17
					HRA Employer Total:	4,286.17
0	04/26/2018	General Fund	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00002.04.2018 ICMA Defe	2,464.54
0	05/03/2018	General Fund	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00001.05.2018 ICMA Defe	2,473.14
					ICMA Def Comp Total:	4,937.68
89267	04/26/2018	General Fund	Life Ins. Employee	LINA	Life Insurance Premium	206.40
89267	04/26/2018	General Fund	Life Ins. Employee	LINA	Life Insurance Premium	1,788.95
					Life Ins. Employee Total:	1,995.35
89267	04/26/2018	General Fund	Life Ins. Employer	LINA	Life Insurance Premium	485.79
					Life Ins. Employer Total:	485.79
89267	04/26/2018	General Fund	Long Term Disability	LINA	Life Insurance Premium	1,645.86
					Long Term Disability Total:	1,645.86
89288	04/26/2018	General Fund	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	5,293.29
89288	04/26/2018	General Fund	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	5,708.06
					Medical Ins Employee Total:	11,001.35
89288	04/26/2018	General Fund	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	54,132.84
					Medical Ins Employer Total:	54,132.84

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89253	04/26/2018	General Fund	Memberships & Subscriptions	Government Finance Officers Asso	Membership Dues-Weix	150.00
89253	04/26/2018	General Fund	Memberships & Subscriptions	Government Finance Officers Asso	Membership Dues-Miller, Schirmach	250.00
0	05/02/2018	General Fund	Memberships & Subscriptions	MACIA-CC	Membership Dues	50.00
0	05/02/2018	General Fund	Memberships & Subscriptions	MN GFOA-CC	Membership Renewals	150.00
0	05/15/2018	General Fund	Memberships & Subscriptions	Natl Asian Peace-CC	Membership Dues	350.00
0	05/15/2018	General Fund	Memberships & Subscriptions	Natl Asian Peace-CC	Membership Dues	350.00
					Memberships & Subscriptions Total:	1,300.00
0	04/26/2018	General Fund	Minnesota Benefit Ded	MN Benefit Association	PR Batch 00002.04.2018 Minnesota I	63.65
0	04/26/2018	General Fund	Minnesota Benefit Ded	MN Benefit Association	PR Batch 00002.04.2018 Minnesota I	9.56
					Minnesota Benefit Ded Total:	73.21
89227	04/26/2018	General Fund	Miscellaneous	Julia Bangert	HREIC Essay Contest-2nd Place	75.00
89228	04/26/2018	General Fund	Miscellaneous	Jackson Barnes	HRIEC Essay Contest-3rd Place	50.00
0	05/15/2018	General Fund	Miscellaneous	Dunkin Donuts-CC	Tapping Time Supplies	23.54
89244	04/26/2018	General Fund	Miscellaneous	Rahul Faizer	HRIEC Essay Contest-2nd Place	75.00
89332	05/03/2018	General Fund	Miscellaneous	Galilee Lutheran Church	Fellowship Hall Rental-Transportatio	35.00
89250	04/26/2018	General Fund	Miscellaneous	Rose Gasongo	HRIEC Essay Contest-Honorable Me	20.00
0	05/02/2018	General Fund	Miscellaneous	Grateful Table-CC	Lunch w/New Employee-Olson	21.87
89259	04/26/2018	General Fund	Miscellaneous	Natalia Hong	HRIEC Essay Contest Winner-1st Pla	150.00
0	05/02/2018	General Fund	Miscellaneous	Hy-Vee-CC	MCMA Women in Profession Plannin	14.00
0	05/02/2018	General Fund	Miscellaneous	Khans Mongolian BBQ-CC	Employee Personnell Meeting	35.00
					Miscellaneous Total:	499.41
0	04/26/2018	General Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	-0.32
0	04/26/2018	General Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	3,283.20
0	05/03/2018	General Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emp H	388.62
0	05/03/2018	General Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	3,369.49
					MN State Retirement Total:	7,040.99
0	04/26/2018	General Fund	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	9,206.99
0	05/03/2018	General Fund	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	9,260.15
					MNDCP Def Comp Total:	18,467.14
0	04/26/2018	General Fund	Motor Fuel	Mansfield Oil Company of Gainsvil	2018 BLANKER PO FOR FUEL ST/	9,467.70
0	05/03/2018	General Fund	Motor Fuel	Mansfield Oil Company of Gainsvil	2018 BLANKER PO FOR FUEL ST/	2,246.13
0	05/02/2018	General Fund	Motor Fuel	MN Dept of Revenue-Non Bank	March Fuel Tax	255.65

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				Motor Fuel Total:		11,969.48
0	04/26/2018	General Fund	Office Supplies	Innovative Office Solutions	Office Supplies	95.42
0	04/26/2018	General Fund	Office Supplies	Innovative Office Solutions	Office Supplies	62.04
0	04/26/2018	General Fund	Office Supplies	Innovative Office Solutions	Office Supplies	401.17
0	04/26/2018	General Fund	Office Supplies	Innovative Office Solutions	Office Supplies	60.72
0	05/03/2018	General Fund	Office Supplies	Intereum, Inc.	Chairs	1,019.22
				Office Supplies Total:		1,638.57
89326	05/03/2018	General Fund	Op Supplies - City Hall	CL Bensen Company, Inc.	Filters	108.54
0	04/26/2018	General Fund	Op Supplies - City Hall	Fikes, Inc.	Restroom Supplies	307.19
				Op Supplies - City Hall Total:		415.73
0	05/03/2018	General Fund	Operating Supplies	Joe Adams	K9 Supplies Reimbursement	234.00
0	05/15/2018	General Fund	Operating Supplies	Amazon.com- CC	Operating/Station Supplies	385.76
0	05/15/2018	General Fund	Operating Supplies	Amazon.com- CC	Outreach/Training Supplies	71.08
0	05/02/2018	General Fund	Operating Supplies	Amazon.com- CC	Siphon Hose	28.95
0	05/02/2018	General Fund	Operating Supplies	Amazon.com- CC	Station Supplies	53.48
0	05/02/2018	General Fund	Operating Supplies	Batteries Plus-CC	Batteries	39.95
0	05/02/2018	General Fund	Operating Supplies	Bed Bath & Beyond-CC	Cleaning Supplies	19.29
0	05/02/2018	General Fund	Operating Supplies	Best Buy- CC	Lightning Adapter	47.12
0	05/15/2018	General Fund	Operating Supplies	Byerly's- CC	Swearing In Cake	35.99
0	05/03/2018	General Fund	Operating Supplies	City of St. Paul	River Print Products	427.75
0	05/15/2018	General Fund	Operating Supplies	Costco-CC	Station Supplies	45.55
0	05/15/2018	General Fund	Operating Supplies	Costco-CC	Station Supplies	336.90
0	05/15/2018	General Fund	Operating Supplies	E Collar Tech-CC	K9 Supplies	395.99
0	05/03/2018	General Fund	Operating Supplies	Jason Gehrman	SWAT Expenses Reimbursement	16.65
0	04/26/2018	General Fund	Operating Supplies	General Industrial Supply Co.	Shovels, Footwear Tractioni	409.24
0	05/15/2018	General Fund	Operating Supplies	Global Industrial-CC	Easel Stand	295.62
0	05/02/2018	General Fund	Operating Supplies	Graphtec-CC	Cross Cut Blade	41.35
0	05/03/2018	General Fund	Operating Supplies	Thomas Gray	K9 Supplies, Recertification Expense	92.36
0	05/15/2018	General Fund	Operating Supplies	Home Depot- CC	Spray Paint	57.57
0	04/26/2018	General Fund	Operating Supplies	Innovative Office Solutions	Office Supplies	157.83
0	05/15/2018	General Fund	Operating Supplies	Menards-CC	Search Warrant Bin	46.91
0	05/02/2018	General Fund	Operating Supplies	National Registry-CC	Recertification	20.00
0	05/15/2018	General Fund	Operating Supplies	Netbrands Media-CC	Operating Supplies	124.20
0	05/02/2018	General Fund	Operating Supplies	Office Depot- CC	Office Supplies	5.65
0	05/15/2018	General Fund	Operating Supplies	Ram Mounts-CC	Arm Rest	73.14
89362	05/03/2018	General Fund	Operating Supplies	Ramsey County	Fleet Support Fee	62.40
89362	05/03/2018	General Fund	Operating Supplies	Ramsey County	Brine Solution	967.50

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0	05/02/2018	General Fund	Operating Supplies	Rosedale Chevrolet-CC	Vehicle Supplies	651.29
0	05/15/2018	General Fund	Operating Supplies	Royal Canin-CC	K9 Supplies	106.04
0	05/02/2018	General Fund	Operating Supplies	Royal Canin-CC	K9 Supplies	109.24
0	05/02/2018	General Fund	Operating Supplies	Sirchie Finger Print-CC	Crime Scene Supplies	40.75
89368	05/03/2018	General Fund	Operating Supplies	SKB Environmental, Inc.	Recycling Service	96.48
89368	05/03/2018	General Fund	Operating Supplies	SKB Environmental, Inc.	Recycling Service	185.50
89369	05/03/2018	General Fund	Operating Supplies	Specialty Solutions, LLC	Credit	-250.00
89370	05/03/2018	General Fund	Operating Supplies	Staples Business Advantage, Inc.	Toner	669.03
89370	05/03/2018	General Fund	Operating Supplies	Staples Business Advantage, Inc.	Toner	177.18
0	05/15/2018	General Fund	Operating Supplies	Strapworks-CC	Patrol Supplies	7.67
0	05/15/2018	General Fund	Operating Supplies	Suburban Ace Hardware-CC	Ratchet, Anti Freeze	39.96
0	05/15/2018	General Fund	Operating Supplies	Suburban Ace Hardware-CC	Chain Saw Sharpening, Utility Knives	95.51
0	05/15/2018	General Fund	Operating Supplies	Target- CC	Citizen Academy Supplies	68.51
0	05/02/2018	General Fund	Operating Supplies	Target- CC	Table Lamps	15.29
0	05/02/2018	General Fund	Operating Supplies	Target- CC	Cleaning Supplies	64.39
0	05/15/2018	General Fund	Operating Supplies	Uline-CC	Evidence Box, Labels	182.71
0	05/15/2018	General Fund	Operating Supplies	Walmart-CC	Citizen Academy Supplies	45.35
89377	05/03/2018	General Fund	Operating Supplies	Scott Wemyss	Mailbox Replacement Reimbursemen	40.19
					Operating Supplies Total:	6,837.32
0	05/02/2018	General Fund	Operating Supplies City Garage	Amazon.com- CC	Folding Mirror	10.44
89326	05/03/2018	General Fund	Operating Supplies City Garage	CL Bensen Company, Inc.	Filters	108.54
0	04/26/2018	General Fund	Operating Supplies City Garage	Fikes, Inc.	Restroom Supplies	51.81
0	05/02/2018	General Fund	Operating Supplies City Garage	Joann-CC	Frame	12.87
0	05/02/2018	General Fund	Operating Supplies City Garage	Northern Tool & Equip- CC	Chem Injector	24.63
0	05/02/2018	General Fund	Operating Supplies City Garage	Sanitaire-CC	Vacuum Supplies	44.21
					Operating Supplies City Garage Total:	252.50
0	04/26/2018	General Fund	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	30,434.71
0	05/03/2018	General Fund	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	31,345.15
					PERA Employee Ded Total:	61,779.86
0	04/26/2018	General Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	1,130.05
0	04/26/2018	General Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	41,945.44
0	05/03/2018	General Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	43,310.92
0	05/03/2018	General Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	1,140.54
					PERA Employer Share Total:	87,526.95

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0	04/26/2018	General Fund	PERA Life Ins. Ded.	NCPERS Life Ins#725800	PR Batch 00002.04.2018 PERA Life	16.00
					PERA Life Ins. Ded. Total:	16.00
0	05/02/2018	General Fund	Postage	Pitney Bowes - Non Bank	March Postage	3,000.00
					Postage Total:	3,000.00
0	05/15/2018	General Fund	Professional Services	GFOA- CC	GFOA Budget Award	425.00
89360	05/03/2018	General Fund	Professional Services	North Memorial	DOT Medical Exams-Acct: 64904	25.00
89360	05/03/2018	General Fund	Professional Services	North Memorial	DOT Medical Exams-Acct: 64904	20.00
89360	05/03/2018	General Fund	Professional Services	North Memorial	DOT Medical Exams-Acct: 64904	20.00
89372	05/03/2018	General Fund	Professional Services	Time Saver Off Site Secretarial, Inc	City Council Meeting Minutes	588.65
89372	05/03/2018	General Fund	Professional Services	Time Saver Off Site Secretarial, Inc	Finance Commission Meeting Minute	216.50
89373	05/03/2018	General Fund	Professional Services	TransUnion Risk and Alternative	Person Searches	95.70
					Professional Services Total:	1,390.85
0	04/26/2018	General Fund	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	14,966.37
0	05/03/2018	General Fund	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	15,629.83
					State Income Tax Total:	30,596.20
0	05/15/2018	General Fund	Telephone	Sprint- CC	Cell Phones	54.25
89302	04/26/2018	General Fund	Telephone	T Mobile	Cell Phones - Acct: 876644423	13.43
89302	04/26/2018	General Fund	Telephone	T Mobile	Cell Phones - Acct: 876644423	7.22
89302	04/26/2018	General Fund	Telephone	T Mobile	Cell Phones - Acct: 876644423	198.06
89302	04/26/2018	General Fund	Telephone	T Mobile	Cell Phones - Acct: 876644423	13.43
89302	04/26/2018	General Fund	Telephone	T Mobile	Cell Phones - Acct: 876644423	80.58
89302	04/26/2018	General Fund	Telephone	T Mobile	Cell Phones - Acct: 771707201	39.99
89376	05/03/2018	General Fund	Telephone	Verizon Wireless	Cell Phones	566.16
89376	05/03/2018	General Fund	Telephone	Verizon Wireless	Cell Phones	1,704.28
89376	05/03/2018	General Fund	Telephone	Verizon Wireless	Cell Phones	128.08
					Telephone Total:	2,805.48
0	05/15/2018	General Fund	Training	BCA-CC	Investigation Training	75.00
0	05/15/2018	General Fund	Training	Calibre Press, LLC-CC	Patrol Training	298.00
0	05/15/2018	General Fund	Training	Caribou Coffee- CC	Training Supplies	26.05
0	05/03/2018	General Fund	Training	Century College	Live Burn Instruction	175.00
0	05/15/2018	General Fund	Training	Chipotle- CC	Training Supplies	87.83
0	05/03/2018	General Fund	Training	City of St. Paul	PDI Training	158.00

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0	05/15/2018	General Fund	Training	Crave-CC	Training Supplies	46.01
0	05/15/2018	General Fund	Training	Donut Hut-CC	Training Supplies	12.95
0	05/03/2018	General Fund	Training	Thomas Gray	K9 Supplies, Recertification Expense:	75.00
0	05/15/2018	General Fund	Training	Green Mill- CC	GARE Training Supplies	75.48
89353	05/03/2018	General Fund	Training	Midwest Training Associates, LLC	Rope Rescue Training	450.00
89353	05/03/2018	General Fund	Training	Midwest Training Associates, LLC	Rope Rescue Training	450.00
0	05/02/2018	General Fund	Training	MN Chiefs of Police-CC	Patrol Training	550.00
0	05/02/2018	General Fund	Training	MN Sheriffs Assn-CC	Patrol Training	625.00
0	05/02/2018	General Fund	Training	MN Sheriffs Assn-CC	Patrol Training	625.00
0	05/02/2018	General Fund	Training	MN State Colleges-CC	Patrol Training	450.00
0	05/15/2018	General Fund	Training	NASRO-CC	SRO Training	195.00
0	05/02/2018	General Fund	Training	Special Operations-CC	Patrol Training	65.00
0	05/15/2018	General Fund	Training	Target- CC	Training Supplies	27.33
0	05/03/2018	General Fund	Training	Ryan Weber	DMT-G Recertification Reimburseme	75.00
0	05/03/2018	General Fund	Training	Zach Wiesner	DMT-G Recertification Reimburseme	75.00
					Training Total:	4,616.65
0	05/15/2018	General Fund	Transportation	Parking Ramp-CC	SPACC Public Affairs Committee Me	6.50
0	05/02/2018	General Fund	Transportation	Parking Ramp-CC	Meeting Parking	10.25
					Transportation Total:	16.75
0	05/03/2018	General Fund	Union Dues Deduction	LELS	PR Batch 00001.05.2018 Lels Union	1,840.31
89348	05/03/2018	General Fund	Union Dues Deduction	Local Union 49	PR Batch 00001.05.2018 IOUE Unio	258.32
0	05/03/2018	General Fund	Union Dues Deduction	MN Teamsters #320	PR Batch 00001.05.2018 Local 320 U	510.27
0	05/03/2018	General Fund	Union Dues Deduction	Roseville Firefighters Local 5051	PR Batch 00001.05.2018 IAFF Union	975.00
					Union Dues Deduction Total:	3,583.90
0	05/03/2018	General Fund	Utilities	Xcel Energy	New Fire Station	2,857.67
0	05/03/2018	General Fund	Utilities	Xcel Energy	Traffic Signals & Streetlights	4,214.03
0	05/03/2018	General Fund	Utilities	Xcel Energy	Streetlights	12,748.74
					Utilities Total:	19,820.44
89238	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Crysteel Truck Equipment, Inc.	Vehicle Supplies	41.04
89239	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Diesel Components, Inc.	Vehicle Supplies	2,186.15
89239	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Diesel Components, Inc.	Vehicle Supplies-Credit	-500.00
89242	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Emergency Medical Products, Inc.	Disposable Suction Canister	49.50
89330	05/03/2018	General Fund	Vehicle Supplies & Maintenance	Emergency Medical Products, Inc.	Medical Supplies	159.54
0	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Factory Motor Parts, Co.	Vehicle Supplies	450.36

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	Factory Motor Parts, Co.	Vehicle Supplies	13.70
0	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Fastenal Company Inc.	Vehicle Supplies	233.93
0	04/26/2018	General Fund	Vehicle Supplies & Maintenance	FleetPride Truck & Trailer Parts	O-Rings	3.49
0	04/26/2018	General Fund	Vehicle Supplies & Maintenance	FleetPride Truck & Trailer Parts	Hydraulic Hose Supplies	65.48
0	04/26/2018	General Fund	Vehicle Supplies & Maintenance	FleetPride Truck & Trailer Parts	Hydraulic Hose Supplies	153.42
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	FleetPride Truck & Trailer Parts	Vehicle Supplies	46.40
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	General Industrial Supply Co.	Vehicle Supplies	91.49
0	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Grainger Inc	Vehicle Supplies	137.14
89342	05/03/2018	General Fund	Vehicle Supplies & Maintenance	Kath Auto Parts	Fuel	240.00
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	McMaster-Carr Supply Co	Vehicle Supplies	72.12
0	05/15/2018	General Fund	Vehicle Supplies & Maintenance	Menards-CC	Filters, Adapters	27.37
89276	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Minnesota Equipment	Steering Cyld.	408.43
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	MTI Distributing, Inc.	Driveshaft	801.15
0	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Napa Auto Parts	Vehicle Supplies	105.94
0	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Napa Auto Parts	Vehicle Supplies	54.47
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	Napa Auto Parts	Vehicle Supplies	115.79
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	Napa Auto Parts	Vehicle Supplies-Credit	-90.00
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	Napa Auto Parts	Vehicle Supplies	89.98
0	05/02/2018	General Fund	Vehicle Supplies & Maintenance	Procare Janitor Supplies-CC	Vehicle Supplies	80.30
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	Rigid Hitch Incorporated	Vehicle Supplies	36.44
0	05/03/2018	General Fund	Vehicle Supplies & Maintenance	Rigid Hitch Incorporated	Vehicle Supplies	167.97
89294	04/26/2018	General Fund	Vehicle Supplies & Maintenance	Roseville Chrysler Jeep Dodge	Vehicle Repair	299.20
0	05/15/2018	General Fund	Vehicle Supplies & Maintenance	Snap On-CC	Vehicle Suppliles	77.00
0	05/02/2018	General Fund	Vehicle Supplies & Maintenance	Snap On-CC	Vehicle Supplies	88.55
0	05/02/2018	General Fund	Vehicle Supplies & Maintenance	Snap On-CC	Vehicle Supplies	208.21
					Vehicle Supplies & Maintenance Total:	5,914.56
0	05/02/2018	General Fund	Volunteer Recognition	Olive Garden-CC	Spring Volunteer Supplies	255.01
					Volunteer Recognition Total:	255.01
0	04/26/2018	General Fund	Work Session Expenses	Innovative Office Solutions	Office Supplies	5.46
					Work Session Expenses Total:	5.46
					Fund Total:	533,556.51
0	05/15/2018	General Fund Donations	K-9 - Supplies	Whistle-CC	Monthly Charge	9.95

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					K-9 - Supplies Total:	9.95
					Fund Total:	9.95
0	05/02/2018	Golf Course	Contract Maintenance	Nitti Sanitation-CC	Regular Service	79.56
					Contract Maintenance Total:	79.56
0	05/02/2018	Golf Course	Credit Card Fees	US Bank-Non Bank	March 2018 Terminal Charges	62.33
					Credit Card Fees Total:	62.33
0	04/26/2018	Golf Course	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	1,143.70
0	05/03/2018	Golf Course	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	680.90
					Federal Income Tax Total:	1,824.60
0	04/26/2018	Golf Course	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	514.31
0	04/26/2018	Golf Course	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	120.29
0	05/03/2018	Golf Course	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	386.96
0	05/03/2018	Golf Course	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare E	90.50
					FICA Employee Ded. Total:	1,112.06
0	04/26/2018	Golf Course	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	514.31
0	04/26/2018	Golf Course	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	120.29
0	05/03/2018	Golf Course	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare E	90.50
0	05/03/2018	Golf Course	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	386.96
					FICA Employers Share Total:	1,112.06
0	05/15/2018	Golf Course	Furniture, Fixtures, Equipment	Houzz-CC	Furniture	4,686.83
0	05/15/2018	Golf Course	Furniture, Fixtures, Equipment	Lowes-CC	Monitor Mounts	203.49
89366	05/03/2018	Golf Course	Furniture, Fixtures, Equipment	Satellite Shelters, Inc.	Mobile Office Rental	269.52
0	05/15/2018	Golf Course	Furniture, Fixtures, Equipment	Walmart-CC	Furniture	1,190.25
0	05/02/2018	Golf Course	Furniture, Fixtures, Equipment	Webstaurant Store-CC	Tables & Chairs	6,376.95
					Furniture, Fixtures, Equipment Total:	12,727.04

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
89341	05/03/2018	Golf Course	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplc	170.00
					HRA Employer Total:	170.00
89267	04/26/2018	Golf Course	Life Ins. Employee	LINA	Life Insurance Premium	165.52
					Life Ins. Employee Total:	165.52
89267	04/26/2018	Golf Course	Life Ins. Employer	LINA	Life Insurance Premium	4.80
					Life Ins. Employer Total:	4.80
89267	04/26/2018	Golf Course	Long Term Disability	LINA	Life Insurance Premium	19.10
					Long Term Disability Total:	19.10
89288	04/26/2018	Golf Course	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	289.12
					Medical Ins Employee Total:	289.12
89288	04/26/2018	Golf Course	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	1,188.22
					Medical Ins Employer Total:	1,188.22
89277	04/26/2018	Golf Course	Memberships & Subscriptions	Minnesota Golf Association, Inc.	Membership Dues-9 Holes	90.00
					Memberships & Subscriptions Total:	90.00
0	04/26/2018	Golf Course	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	84.19
0	05/03/2018	Golf Course	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	62.83
					MN State Retirement Total:	147.02
0	04/26/2018	Golf Course	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	50.00
0	05/03/2018	Golf Course	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	49.87
					MNDCP Def Comp Total:	99.87
0	05/02/2018	Golf Course	Operating Supplies	ECR Software-CC	Monthly Point-Of-Sale Charge	135.66
0	05/15/2018	Golf Course	Operating Supplies	InkToner Store-CC	Ink and Toner	117.95
0	05/02/2018	Golf Course	Operating Supplies	Northern Tool & Equip- CC	Tie Down Hooks	21.43

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
89293	04/26/2018	Golf Course	Operating Supplies	Ramsey County Environmental Hea	Hazardous Waste Generator License	90.00
89365	05/03/2018	Golf Course	Operating Supplies	Roseville Cedarholm Golf Course	Petty Cash Reimbursement	66.68
0	05/02/2018	Golf Course	Operating Supplies	Walmart-CC	Battery Jumper Box	119.26
					Operating Supplies Total:	550.98
0	04/26/2018	Golf Course	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	547.23
0	05/03/2018	Golf Course	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	408.35
					PERA Employee Ded Total:	955.58
0	04/26/2018	Golf Course	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	547.23
0	04/26/2018	Golf Course	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	84.19
0	05/03/2018	Golf Course	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	408.35
0	05/03/2018	Golf Course	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	62.83
					PERA Employer Share Total:	1,102.60
89327	05/03/2018	Golf Course	Rental	Club Car, LLC	Maintenance Agreement	120.00
					Rental Total:	120.00
0	04/26/2018	Golf Course	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	489.91
0	05/03/2018	Golf Course	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	348.10
					State Income Tax Total:	838.01
0	05/02/2018	Golf Course	State Sales Tax Payable	MN Dept of Revenue-Non Bank	Sales/Use Tax	62.48
					State Sales Tax Payable Total:	62.48
89302	04/26/2018	Golf Course	Telephone	T Mobile	Cell Phones - Acct: 876644423	26.86
					Telephone Total:	26.86
0	05/02/2018	Golf Course	Use Tax Payable	MN Dept of Revenue-Non Bank	Sales/Use Tax	50.79
0	05/03/2018	Golf Course	Use Tax Payable	Xcel Energy	Sales/Use Tax	-18.57
					Use Tax Payable Total:	32.22
0	05/03/2018	Golf Course	Utilities	Xcel Energy	Golf Course	288.66

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Utilities Total:	288.66
					Fund Total:	23,068.69
0	05/03/2018	Information Technology	Contract Maintenance	Aercor Wireless, Inc	Windows Device License	2,594.22
0	05/02/2018	Information Technology	Contract Maintenance	Microsoft-CC	Online Services	423.40
0	05/02/2018	Information Technology	Contract Maintenance	Network Solutions- CC	Web Forwarding	3.98
0	05/03/2018	Information Technology	Contract Maintenance	SHI International Corp	Windows Platform	486.00
					Contract Maintenance Total:	3,507.60
0	04/26/2018	Information Technology	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	5,233.61
0	05/03/2018	Information Technology	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	5,289.73
					Federal Income Tax Total:	10,523.34
0	04/26/2018	Information Technology	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Emplo	3,269.20
0	04/26/2018	Information Technology	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Er	764.59
0	05/03/2018	Information Technology	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	768.05
0	05/03/2018	Information Technology	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Emplo	3,284.04
					FICA Employee Ded. Total:	8,085.88
0	04/26/2018	Information Technology	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Er	764.59
0	04/26/2018	Information Technology	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Emplo	3,269.20
0	05/03/2018	Information Technology	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	768.05
0	05/03/2018	Information Technology	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Emplo	3,284.04
					FICA Employers Share Total:	8,085.88
89341	05/03/2018	Information Technology	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplo	995.87
					HRA Employer Total:	995.87
0	04/26/2018	Information Technology	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00002.04.2018 ICMA Defe	225.00
0	05/03/2018	Information Technology	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00001.05.2018 ICMA Defe	225.00
					ICMA Def Comp Total:	450.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
89340	05/03/2018	Information Technology	Internet	Hurricane Electric	Transit Service Monthly Fee	500.00
					Internet Total:	500.00
89267	04/26/2018	Information Technology	Life Ins. Employee	LINA	Life Insurance Premium	240.50
					Life Ins. Employee Total:	240.50
89267	04/26/2018	Information Technology	Life Ins. Employer	LINA	Life Insurance Premium	86.40
					Life Ins. Employer Total:	86.40
89267	04/26/2018	Information Technology	Long Term Disability	LINA	Life Insurance Premium	277.63
					Long Term Disability Total:	277.63
89288	04/26/2018	Information Technology	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	148.98
					Medical Ins Employee Total:	148.98
89288	04/26/2018	Information Technology	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	11,064.26
					Medical Ins Employer Total:	11,064.26
0	04/26/2018	Information Technology	Minor Equipment	SHI International Corp	Multiple Windows Platform	243.00
0	05/03/2018	Information Technology	Minor Equipment	SHI International Corp	VEEAM Backup Server Licenses	1,968.00
0	05/03/2018	Information Technology	Minor Equipment	SHI International Corp	Server Updates	731.00
0	05/03/2018	Information Technology	Minor Equipment	SHI International Corp	Server CALS	3,440.00
					Minor Equipment Total:	6,382.00
0	04/26/2018	Information Technology	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	533.41
0	05/03/2018	Information Technology	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	535.80
					MN State Retirement Total:	1,069.21
0	04/26/2018	Information Technology	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	110.00
0	05/03/2018	Information Technology	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	110.00
					MNDCP Def Comp Total:	220.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/15/2018	Information Technology	Operating Supplies	Amazon.com- CC	DisplayPort	162.00
					Operating Supplies Total:	162.00
0	04/26/2018	Information Technology	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	3,467.15
0	05/03/2018	Information Technology	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	3,482.70
					PERA Employee Ded Total:	6,949.85
0	04/26/2018	Information Technology	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	3,467.15
0	04/26/2018	Information Technology	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	533.41
0	05/03/2018	Information Technology	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	3,482.70
0	05/03/2018	Information Technology	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	535.80
					PERA Employer Share Total:	8,019.06
0	04/26/2018	Information Technology	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	2,359.06
0	05/03/2018	Information Technology	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	2,376.61
					State Income Tax Total:	4,735.67
89302	04/26/2018	Information Technology	Telephone	T Mobile	Cell Phones - Acct: 876644423	36.91
					Telephone Total:	36.91
					Fund Total:	71,541.04
0	05/02/2018	Internal Service - Interest	Investment Income	US Bank-Non Bank	March 2018 Terminal Charges	112.98
					Investment Income Total:	112.98
					Fund Total:	112.98
0	04/26/2018	IP Telephony System	CAP - Capital Equip Recovery	Newegg Business, Inc.	Cisco Phones	676.00
0	05/03/2018	IP Telephony System	CAP - Capital Equip Recovery	Newegg Business, Inc.	Telephone Supplies	810.00
0	05/03/2018	IP Telephony System	CAP - Capital Equip Recovery	Newegg Business, Inc.	Telephone Supplies	1,900.00
0	05/03/2018	IP Telephony System	CAP - Capital Equip Recovery	Newegg Business, Inc.	Telephone Supplies	1,845.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					CAP - Capital Equip Recovery Total:	5,231.00
89224	04/26/2018	IP Telephony System	PSTN-PRI Access/DID Allocation	Allstream	Telephone	360.62
89315	05/03/2018	IP Telephony System	PSTN-PRI Access/DID Allocation	Allstream	Telephone	3,491.05
89233	04/26/2018	IP Telephony System	PSTN-PRI Access/DID Allocation	CenturyLink Communications	Telephone	32.88
89323	05/03/2018	IP Telephony System	PSTN-PRI Access/DID Allocation	CenturyLink	Telephone	201.78
					PSTN-PRI Access/DID Allocation Total:	4,086.33
					Fund Total:	9,317.33
0	04/26/2018	License Center	Contract Maintenance	Electro Watchman, Inc.	Secuity System	180.00
					Contract Maintenance Total:	180.00
0	04/26/2018	License Center	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	2,874.74
0	05/03/2018	License Center	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	2,549.12
					Federal Income Tax Total:	5,423.86
0	04/26/2018	License Center	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	559.10
0	04/26/2018	License Center	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Emplo	2,390.51
0	05/03/2018	License Center	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Emplo	2,253.71
0	05/03/2018	License Center	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	527.06
					FICA Employee Ded. Total:	5,730.38
0	04/26/2018	License Center	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Emplo	2,390.51
0	04/26/2018	License Center	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	559.10
0	05/03/2018	License Center	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	527.06
0	05/03/2018	License Center	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Emplo	2,253.71
					FICA Employers Share Total:	5,730.38
89341	05/03/2018	License Center	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplo	903.90
					HRA Employer Total:	903.90
89267	04/26/2018	License Center	Life Ins. Employee	LINA	Life Insurance Premium	133.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Life Ins. Employee Total:	133.00
89267	04/26/2018	License Center	Life Ins. Employer	LINA	Life Insurance Premium	48.00
					Life Ins. Employer Total:	48.00
89267	04/26/2018	License Center	Long Term Disability	LINA	Life Insurance Premium	134.68
					Long Term Disability Total:	134.68
89288	04/26/2018	License Center	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	1,560.28
					Medical Ins Employee Total:	1,560.28
89288	04/26/2018	License Center	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	7,864.11
					Medical Ins Employer Total:	7,864.11
0	04/26/2018	License Center	Minnesota Benefit Ded	MN Benefit Association	PR Batch 00002.04.2018 Minnesota I	164.68
					Minnesota Benefit Ded Total:	164.68
0	04/26/2018	License Center	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	381.29
0	05/03/2018	License Center	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emp H	7,896.35
0	05/03/2018	License Center	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	363.98
					MN State Retirement Total:	8,641.62
0	04/26/2018	License Center	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	2,330.00
0	05/03/2018	License Center	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	2,328.28
					MNDCP Def Comp Total:	4,658.28
0	05/15/2018	License Center	Office Supplies	Amazon.com- CC	Shredder	115.94
0	05/02/2018	License Center	Office Supplies	Homegoods-CC	Step Stools	25.74
0	04/26/2018	License Center	Office Supplies	Innovative Office Solutions	Office Supplies	35.20
0	05/15/2018	License Center	Office Supplies	Varidesk-CC	Chair	250.00
					Office Supplies Total:	426.88

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/15/2018	License Center	Operating Supplies	Byerly's- CC	Staff Supplies	17.97
0	05/02/2018	License Center	Operating Supplies	Cub Foods- CC	Staff Lunch	86.24
0	04/26/2018	License Center	Operating Supplies	Fikes, Inc.	Restroom Supplies	11.10
0	05/02/2018	License Center	Operating Supplies	Jimmy John's- CC	Staff Lunch	93.18
0	05/02/2018	License Center	Operating Supplies	Olive Garden-CC	Staff Lunch	195.86
0	05/15/2018	License Center	Operating Supplies	Pakor-CC	Passport Supplies	317.84
0	05/02/2018	License Center	Operating Supplies	Pakor-CC	Passport Supplies	1,098.77
0	05/02/2018	License Center	Operating Supplies	Signarama-CC	Passport Supplies	232.00
					Operating Supplies Total:	2,052.96
0	04/26/2018	License Center	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	2,552.01
0	05/03/2018	License Center	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	2,422.37
					PERA Employee Ded Total:	4,974.38
0	04/26/2018	License Center	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	392.62
0	04/26/2018	License Center	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	2,552.01
0	05/03/2018	License Center	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	2,422.37
0	05/03/2018	License Center	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	372.68
					PERA Employer Share Total:	5,739.68
0	05/15/2018	License Center	Postage	USPS-CC	Passport Postage	582.90
0	05/02/2018	License Center	Postage	USPS-CC	Passport Postage	730.30
					Postage Total:	1,313.20
89271	04/26/2018	License Center	Professional Services	McGough Facility Management, LI	Facility Management	196.05
0	05/03/2018	License Center	Professional Services	Quicksilver Express Courier	Courier Service	192.30
					Professional Services Total:	388.35
0	05/02/2018	License Center	Sales Tax Payable	MN Dept of Revenue-Non Bank	Sales/Use Tax	2,916.38
					Sales Tax Payable Total:	2,916.38
0	04/26/2018	License Center	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	1,454.78
0	05/03/2018	License Center	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	1,335.46

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
				State Income Tax Total:		2,790.24
0	05/03/2018	License Center	Transportation	Quicksilver Express Courier	Courier Service	711.94
				Transportation Total:		711.94
				Fund Total:		62,487.18
89339	05/03/2018	Municipal Community Band	Professional Services	Gabe Hug	Community Band Scholarship Recipi	500.00
				Professional Services Total:		500.00
				Fund Total:		500.00
0	05/03/2018	Municipal Jazz Band	Professional Services	Glen Newton	Big Band Director-April	250.00
				Professional Services Total:		250.00
				Fund Total:		250.00
89235	04/26/2018	P & R Contract Mantenance	Clothing	Cintas Corporation #470	Uniform Supplies	9.88
89325	05/03/2018	P & R Contract Mantenance	Clothing	Cintas Corporation #470	Uniform Supplies	9.88
89325	05/03/2018	P & R Contract Mantenance	Clothing	Cintas Corporation #470	Uniform Supplies	9.88
89325	05/03/2018	P & R Contract Mantenance	Clothing	Cintas Corporation #470	Uniform Supplies	9.88
				Clothing Total:		39.52
0	05/02/2018	P & R Contract Mantenance	Contract Maintenance	Nitti Sanitation-CC	Regular Service	602.14
				Contract Maintenance Total:		602.14
0	04/26/2018	P & R Contract Mantenance	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inc	2,119.27
0	05/03/2018	P & R Contract Mantenance	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inc	2,399.63
				Federal Income Tax Total:		4,518.90

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	04/26/2018	P & R Contract Mantenance	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Er	326.58
0	04/26/2018	P & R Contract Mantenance	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	1,396.41
0	05/03/2018	P & R Contract Mantenance	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	346.59
0	05/03/2018	P & R Contract Mantenance	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	1,482.02
					FICA Employee Ded. Total:	3,551.60
0	04/26/2018	P & R Contract Mantenance	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	1,396.41
0	04/26/2018	P & R Contract Mantenance	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Er	326.58
0	05/03/2018	P & R Contract Mantenance	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	1,482.02
0	05/03/2018	P & R Contract Mantenance	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	346.59
					FICA Employers Share Total:	3,551.60
89341	05/03/2018	P & R Contract Mantenance	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplc	370.00
					HRA Employer Total:	370.00
89267	04/26/2018	P & R Contract Mantenance	Life Ins. Employee	LINA	Life Insurance Premium	66.01
					Life Ins. Employee Total:	66.01
89267	04/26/2018	P & R Contract Mantenance	Life Ins. Employer	LINA	Life Insurance Premium	39.60
					Life Ins. Employer Total:	39.60
89267	04/26/2018	P & R Contract Mantenance	Long Term Disability	LINA	Life Insurance Premium	110.13
					Long Term Disability Total:	110.13
89288	04/26/2018	P & R Contract Mantenance	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	368.64
					Medical Ins Employee Total:	368.64
89288	04/26/2018	P & R Contract Mantenance	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	5,216.31
					Medical Ins Employer Total:	5,216.31
0	05/02/2018	P & R Contract Mantenance	Memberships & Subscriptions	MN State Horticulture-CC	MSHS Membership Dues	62.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Memberships & Subscriptions Total:	62.00
0	05/15/2018	P & R Contract Mantenance	Minor Equipment	Build.com-CC	Motorized Drain Cleaner	1,810.38
89349	05/03/2018	P & R Contract Mantenance	Minor Equipment	LTG Power Equipment	Trimmer	269.99
					Minor Equipment Total:	2,080.37
0	04/26/2018	P & R Contract Mantenance	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	230.66
0	05/03/2018	P & R Contract Mantenance	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	243.65
					MN State Retirement Total:	474.31
0	04/26/2018	P & R Contract Mantenance	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	580.00
0	05/03/2018	P & R Contract Mantenance	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	578.22
					MNDCP Def Comp Total:	1,158.22
0	05/15/2018	P & R Contract Mantenance	Operating Supplies	AT&T-CC	Phone Case	42.95
0	05/03/2018	P & R Contract Mantenance	Operating Supplies	CCP Industries Inc	Nitrile Gloves	139.85
89322	05/03/2018	P & R Contract Mantenance	Operating Supplies	Central Landscape Supply	E-Z Reacher	247.60
89245	04/26/2018	P & R Contract Mantenance	Operating Supplies	Ferguson Enterprises Inc #1657	PVC	27.12
0	05/15/2018	P & R Contract Mantenance	Operating Supplies	Ferguson Enterprises Inc.-CC	Sewer Cleaning Supplies	370.64
0	04/26/2018	P & R Contract Mantenance	Operating Supplies	Fikes, Inc.	Restroom Supplies	824.30
0	05/03/2018	P & R Contract Mantenance	Operating Supplies	Fikes, Inc.	Restroom Supplies	176.52
0	05/03/2018	P & R Contract Mantenance	Operating Supplies	Fikes, Inc.	Restroom Supplies	88.26
0	05/15/2018	P & R Contract Mantenance	Operating Supplies	Home Depot- CC	Arboretum Supplies	349.78
0	05/02/2018	P & R Contract Mantenance	Operating Supplies	Home Depot- CC	Shop Supplies	43.17
0	05/15/2018	P & R Contract Mantenance	Operating Supplies	Menards-CC	Deck Supplies	132.12
0	05/02/2018	P & R Contract Mantenance	Operating Supplies	Menards-CC	Paint Supplies	54.01
89287	04/26/2018	P & R Contract Mantenance	Operating Supplies	Muska Lighting	Lighting Supplies	59.80
0	05/15/2018	P & R Contract Mantenance	Operating Supplies	North Hgts Hardware Hank-CC	Spray Paint	21.96
0	05/15/2018	P & R Contract Mantenance	Operating Supplies	North Hgts Hardware Hank-CC	Snake, Paint Supplies	76.16
0	05/02/2018	P & R Contract Mantenance	Operating Supplies	North Hgts Hardware Hank-CC	Primer	8.98
89378	05/15/2018	P & R Contract Mantenance	Operating Supplies	Ramsey County Environmental Hea	Ramsey County Pool License	651.00
89297	04/26/2018	P & R Contract Mantenance	Operating Supplies	Sherwin Williams Co.	Paint Supplies	69.72
					Operating Supplies Total:	3,383.94
0	04/26/2018	P & R Contract Mantenance	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	1,499.18
0	05/03/2018	P & R Contract Mantenance	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	1,589.11

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					PERA Employee Ded Total:	3,088.29
0	04/26/2018	P & R Contract Mantenance	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	1,499.18
0	04/26/2018	P & R Contract Mantenance	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	230.66
0	05/03/2018	P & R Contract Mantenance	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	1,589.11
0	05/03/2018	P & R Contract Mantenance	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	244.48
					PERA Employer Share Total:	3,563.43
89360	05/03/2018	P & R Contract Mantenance	Professional Services	North Memorial	DOT Medical Exams-Acct: 64904	20.00
89374	05/03/2018	P & R Contract Mantenance	Professional Services	Upper Cut Tree Service	Tree Removal	744.00
					Professional Services Total:	764.00
0	04/26/2018	P & R Contract Mantenance	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	1,048.50
0	05/03/2018	P & R Contract Mantenance	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	1,137.13
					State Income Tax Total:	2,185.63
89302	04/26/2018	P & R Contract Mantenance	Telephone	T Mobile	Cell Phones - Acct: 876644423	13.43
					Telephone Total:	13.43
89348	05/03/2018	P & R Contract Mantenance	Union Dues Deduction	Local Union 49	PR Batch 00001.05.2018 IOUE Unio	273.98
					Union Dues Deduction Total:	273.98
0	05/03/2018	P & R Contract Mantenance	Utilities	Xcel Energy	P&R	2,557.54
					Utilities Total:	2,557.54
0	05/02/2018	P & R Contract Mantenance	Vehicle Supplies & Maintenance	Carquest-CC	Vehicle Supplies	45.99
89303	04/26/2018	P & R Contract Mantenance	Vehicle Supplies & Maintenance	Tri State Bobcat, Inc	Vehicle Supplies	50.02
					Vehicle Supplies & Maintenance Total:	96.01
					Fund Total:	38,135.60
89311	04/30/2018	Park Renewal 2011	2016 Parks Renewal Pathways	Calvary Church	Easement Acquisition for 1603 Sidew	8,400.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					2016 Parks Renewal Pathways Total:	8,400.00
					Fund Total:	8,400.00
89267	04/26/2018	Police - DWI Enforcement	Life Ins. Employee	LINA	Life Insurance Premium	0.61
					Life Ins. Employee Total:	0.61
					Fund Total:	0.61
0	04/26/2018	Police Grants	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	59.78
0	05/03/2018	Police Grants	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	222.54
					Federal Income Tax Total:	282.32
0	04/26/2018	Police Grants	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	7.06
0	05/03/2018	Police Grants	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	27.38
					FICA Employee Ded. Total:	34.44
0	04/26/2018	Police Grants	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	7.06
0	05/03/2018	Police Grants	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	27.38
					FICA Employers Share Total:	34.44
89341	05/03/2018	Police Grants	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplo	5.12
					HRA Employer Total:	5.12
0	04/26/2018	Police Grants	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Employ	4.92
0	05/03/2018	Police Grants	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Employ	19.44
					MN State Retirement Total:	24.36
0	05/03/2018	Police Grants	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	25.49

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					MNDCP Def Comp Total:	25.49
0	04/26/2018	Police Grants	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	53.14
0	05/03/2018	Police Grants	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	210.09
					PERA Employee Ded Total:	263.23
0	04/26/2018	Police Grants	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	79.70
0	05/03/2018	Police Grants	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	315.16
					PERA Employer Share Total:	394.86
0	04/26/2018	Police Grants	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	25.10
0	05/03/2018	Police Grants	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	91.51
					State Income Tax Total:	116.61
0	05/15/2018	Police Grants	Training	5 Guys-CC	Training Supplies	18.00
0	05/15/2018	Police Grants	Training	Chick Fil A-CC	Training Expenses	19.20
0	05/15/2018	Police Grants	Training	Metro Court VA-CC	Training Expenses	20.00
0	05/15/2018	Police Grants	Training	Residence Inn-CC	Lodging During Training	1,146.08
0	05/15/2018	Police Grants	Training	Uber-CC	Training Expenses	14.95
					Training Total:	1,218.23
0	05/03/2018	Police Grants	Union Dues Deduction	LELS	PR Batch 00001.05.2018 Lels Union	21.69
0	05/03/2018	Police Grants	Union Dues Deduction	MN Teamsters #320	PR Batch 00001.05.2018 Local 320 U	3.97
					Union Dues Deduction Total:	25.66
					Fund Total:	2,424.76
0	04/26/2018	Police Forfeiture Fund	Deferred Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	39.03
					Deferred Comp Total:	39.03
0	04/26/2018	Police Forfeiture Fund	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inc	39.59

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Federal Income Tax Total:	39.59
0	04/26/2018	Police Forfeiture Fund	FICA Employee Ded	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	6.97
					FICA Employee Ded Total:	6.97
0	04/26/2018	Police Forfeiture Fund	FICA Employer	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	6.97
					FICA Employer Total:	6.97
0	04/26/2018	Police Forfeiture Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	4.86
					MN State Retirement Total:	4.86
0	04/26/2018	Police Forfeiture Fund	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	52.45
					PERA Employee Ded Total:	52.45
0	04/26/2018	Police Forfeiture Fund	PERA Employer	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	78.67
					PERA Employer Total:	78.67
89295	04/26/2018	Police Forfeiture Fund	Professional Services	[redacted]	Tobacco Compliance Checker	65.00
89376	05/03/2018	Police Forfeiture Fund	Professional Services	Verizon Wireless	Cell Phones	40.01
					Professional Services Total:	105.01
0	04/26/2018	Police Forfeiture Fund	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	21.96
					State Income Tax Total:	21.96
					Fund Total:	355.51
0	05/15/2018	Police Vehicle Revolving	Minor Equipment	CDWG- CC	Squad Printers	538.29
					Minor Equipment Total:	538.29
0	05/02/2018	Police Vehicle Revolving	Operating Supplies	Amazon.com- CC	Computer Supplies	135.22

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Operating Supplies Total:	135.22
89310	04/26/2018	Police Vehicle Revolving	Vehicle Supplies & Maintenance	Abra MN Roseville	PD Body Work MN 873UJZ	6,317.65
89310	04/26/2018	Police Vehicle Revolving	Vehicle Supplies & Maintenance	Abra MN Roseville	PD Body Work MN POLICE	347.59
					Vehicle Supplies & Maintenance Total:	6,665.24
					Fund Total:	7,338.75
89363	05/03/2018	Public Works Vehicle Revolving	Public Works Vehicles	Ranger Chevrolet	1 - 2018 Sierra 1500 4WD Pickup	24,059.79
					Public Works Vehicles Total:	24,059.79
					Fund Total:	24,059.79
89300	04/26/2018	Recreation Donations	Operating Supplies	Stone & Steel Design, LLC	Supplies	86.00
					Operating Supplies Total:	86.00
					Fund Total:	86.00
0	05/15/2018	Recreation Fund	Advertising	Facebook-CC	Arts @ The Oval Advertising	50.00
89266	04/26/2018	Recreation Fund	Advertising	Lillie Suburban Newspaper Inc	Ordinances, Notices-Acct: 000262	153.00
89266	04/26/2018	Recreation Fund	Advertising	Lillie Suburban Newspaper Inc	Arts @ the Oval Advertising-Acct: 0(	531.00
0	05/02/2018	Recreation Fund	Advertising	Office Depot- CC	Office Supplies	289.78
					Advertising Total:	1,023.78
0	05/03/2018	Recreation Fund	Clothing	Mark Bartholomew	Clothing Reimbursement	25.87
					Clothing Total:	25.87
89281	04/26/2018	Recreation Fund	Collected Insurance Fee	MN Fastpitch Academy	Permit Refund	1.00
					Collected Insurance Fee Total:	1.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
89237	04/26/2018	Recreation Fund	Contract Maintenance	Cool Air Mechanical, Inc.	Oil Sample Kits	122.76
0	05/02/2018	Recreation Fund	Contract Maintenance	Nitti Sanitation-CC	Regular Service	247.86
					Contract Maintenance Total:	370.62
0	04/26/2018	Recreation Fund	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	4,122.43
0	05/03/2018	Recreation Fund	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	4,098.07
					Federal Income Tax Total:	8,220.50
89225	04/26/2018	Recreation Fund	Fee Program Revenue	May Armstrong	Cancelled Dance Recital Refund	18.00
89229	04/26/2018	Recreation Fund	Fee Program Revenue	Binod Basaula	Dance Recital Cancellation Refund	36.00
89241	04/26/2018	Recreation Fund	Fee Program Revenue	John Eichenlaub	Cancelled Dance Recital Refund	18.00
89248	04/26/2018	Recreation Fund	Fee Program Revenue	Mike Frazier	Cancelled Dance Recital Refund	36.00
89251	04/26/2018	Recreation Fund	Fee Program Revenue	Yvonne Gibson	Cancelled Dance Recital Refund	18.00
89258	04/26/2018	Recreation Fund	Fee Program Revenue	Nicole Herbert	Cancelled Dance Recital Refund	9.00
89260	04/26/2018	Recreation Fund	Fee Program Revenue	Yuko Kachinsky	Cancelled Dance Recital Refund	27.00
89263	04/26/2018	Recreation Fund	Fee Program Revenue	Chris Krook-Magnuson	Cancelled Dance Recital Refund	45.00
89264	04/26/2018	Recreation Fund	Fee Program Revenue	Rukmini Kumar	Cancelled Dance Recital Refund	27.00
89268	04/26/2018	Recreation Fund	Fee Program Revenue	Keri Linssen	Cancelled Dance Recital Refund	36.00
89270	04/26/2018	Recreation Fund	Fee Program Revenue	Shannon McCutcheon	Cancelled Dance Recital Refund	9.00
89272	04/26/2018	Recreation Fund	Fee Program Revenue	Rebecca McGrath	Cancelled Dance Recital Refund	27.00
89281	04/26/2018	Recreation Fund	Fee Program Revenue	MN Fastpitch Academy	Permit Refund	74.00
89286	04/26/2018	Recreation Fund	Fee Program Revenue	Dominique Murray	Cancelled Dance Recital Refund	9.00
89290	04/26/2018	Recreation Fund	Fee Program Revenue	Jackie O'Connell	Cancelled Dance Recital Refund	72.00
89292	04/26/2018	Recreation Fund	Fee Program Revenue	David Ode	Cancelled Dance Recital Refund	36.00
89291	04/26/2018	Recreation Fund	Fee Program Revenue	Kari O'Leary	Cancelled Dance Recital Refund	54.00
0	05/03/2018	Recreation Fund	Fee Program Revenue	Susan Perry	Permit Refund	79.16
89299	04/26/2018	Recreation Fund	Fee Program Revenue	Ryan Stanzel	Cancelled Dance Recital Refund	18.00
89305	04/26/2018	Recreation Fund	Fee Program Revenue	Jennifer Vang	Cancelled Dance Recital Refund	54.00
89309	04/26/2018	Recreation Fund	Fee Program Revenue	Eric Winscher	Cancelled Dance Recital Refund	81.00
					Fee Program Revenue Total:	783.16
0	04/26/2018	Recreation Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Er	789.79
0	04/26/2018	Recreation Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	3,377.01
0	05/03/2018	Recreation Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	829.79
0	05/03/2018	Recreation Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	3,547.92
					FICA Employee Ded. Total:	8,544.51
0	04/26/2018	Recreation Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	3,377.01

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	04/26/2018	Recreation Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	789.79
0	05/03/2018	Recreation Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare E	829.79
0	05/03/2018	Recreation Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	3,547.92
					FICA Employers Share Total:	8,544.51
89341	05/03/2018	Recreation Fund	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplo	1,318.08
					HRA Employer Total:	1,318.08
0	04/26/2018	Recreation Fund	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00002.04.2018 ICMA Defe	375.00
0	05/03/2018	Recreation Fund	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00001.05.2018 ICMA Defe	371.24
					ICMA Def Comp Total:	746.24
89267	04/26/2018	Recreation Fund	Life Ins. Employee	LINA	Life Insurance Premium	91.30
					Life Ins. Employee Total:	91.30
89267	04/26/2018	Recreation Fund	Life Ins. Employer	LINA	Life Insurance Premium	52.80
					Life Ins. Employer Total:	52.80
89267	04/26/2018	Recreation Fund	Long Term Disability	LINA	Life Insurance Premium	182.01
					Long Term Disability Total:	182.01
89288	04/26/2018	Recreation Fund	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	671.08
					Medical Ins Employee Total:	671.08
89288	04/26/2018	Recreation Fund	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	8,133.52
					Medical Ins Employer Total:	8,133.52
0	05/03/2018	Recreation Fund	Memberships & Subscriptions	Mark Emme	State Volleyball Tournament Expense	185.00
0	04/26/2018	Recreation Fund	Memberships & Subscriptions	Mood Media, Inc.	Antex Receiver Rebuilt	460.00
0	05/03/2018	Recreation Fund	Memberships & Subscriptions	Mood Media, Inc.	Skating Center Music	182.67
0	05/02/2018	Recreation Fund	Memberships & Subscriptions	When I Work-CC	Monthly Fee	49.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Memberships & Subscriptions Total:	876.67
89223	04/26/2018	Recreation Fund	Merchandise for Sale	AEM, Inc.	Concession Items for Resale	82.50
89367	05/03/2018	Recreation Fund	Merchandise for Sale	Shamrock Group, Inc.	Concession Items for Resale	117.20
					Merchandise for Sale Total:	199.70
0	05/15/2018	Recreation Fund	Miscellaneous	Dunn Bros Coffee-CC	Meeting Supplies	37.26
0	05/15/2018	Recreation Fund	Miscellaneous	Grateful Table-CC	Volunteer Leader Meeting Supplies	45.75
0	05/15/2018	Recreation Fund	Miscellaneous	Sam's Club-CC	Meeting Supplies	59.70
					Miscellaneous Total:	142.71
0	04/26/2018	Recreation Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	418.91
0	05/03/2018	Recreation Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emp H	37,118.99
0	05/03/2018	Recreation Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	409.15
					MN State Retirement Total:	37,947.05
0	04/26/2018	Recreation Fund	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	1,208.41
0	05/03/2018	Recreation Fund	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	1,408.58
					MNDCP Def Comp Total:	2,616.99
0	05/02/2018	Recreation Fund	Office Supplies	Davis Lock & Safe-CC	Keys	19.33
0	05/02/2018	Recreation Fund	Office Supplies	Office Depot- CC	Office Supplies	189.75
0	05/02/2018	Recreation Fund	Office Supplies	Office Depot- CC	Office Supplies	42.72
					Office Supplies Total:	251.80
0	05/02/2018	Recreation Fund	Operating Supplies	1000 Bulbs.com-CC	Lighting Supplies	188.69
0	05/03/2018	Recreation Fund	Operating Supplies	Able Hose & Rubber Inc	Suction Hose	78.50
0	05/02/2018	Recreation Fund	Operating Supplies	Acorn Naturalists-CC	Program Supplies	70.75
0	05/02/2018	Recreation Fund	Operating Supplies	Brake & Equip Warehouse-CC	Brake Shoe Set	58.52
0	05/15/2018	Recreation Fund	Operating Supplies	Costume Gallery-CC	Ice Show Costumes	53.20
0	05/15/2018	Recreation Fund	Operating Supplies	Cub Foods- CC	Arts @ The Oval Supplies	138.59
0	05/15/2018	Recreation Fund	Operating Supplies	Cub Foods- CC	HANC Supplies	24.68
0	05/15/2018	Recreation Fund	Operating Supplies	Cub Foods- CC	HANC Supplies	102.33
0	05/15/2018	Recreation Fund	Operating Supplies	Cub Foods- CC	HANC Supplies	36.94
0	05/15/2018	Recreation Fund	Operating Supplies	Cub Foods- CC	HANC Supplies	28.12
0	05/02/2018	Recreation Fund	Operating Supplies	Cub Foods- CC	Camp Supplies	151.63

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/02/2018	Recreation Fund	Operating Supplies	Cub Foods- CC	Spring Break Supplies	20.01
0	05/15/2018	Recreation Fund	Operating Supplies	Dollar Tree-CC	Arts @ The Oval Supplies	6.44
0	05/02/2018	Recreation Fund	Operating Supplies	Dollar Tree-CC	Kitchen Supplies	29.65
0	05/02/2018	Recreation Fund	Operating Supplies	EMS Store-CC	Medical Supplies	23.13
0	05/02/2018	Recreation Fund	Operating Supplies	EMS Store-CC	Medical Supplies	23.12
0	05/02/2018	Recreation Fund	Operating Supplies	Epic Sports-CC	Volleyball Supplies	27.98
0	05/03/2018	Recreation Fund	Operating Supplies	Fastenal Company Inc.	Oval Supplies	30.56
0	05/15/2018	Recreation Fund	Operating Supplies	Ferguson Enterprises Inc.-CC	Valve	14.09
89246	04/26/2018	Recreation Fund	Operating Supplies	Field Day	New Years Eve Ice Celebration Photo	825.00
0	04/26/2018	Recreation Fund	Operating Supplies	Fikes, Inc.	Restroom Supplies	402.00
0	05/03/2018	Recreation Fund	Operating Supplies	Fikes, Inc.	Restroom Supplies	282.00
0	05/02/2018	Recreation Fund	Operating Supplies	Gary Carlson Equip-CC	O-Rings, Washers	62.22
0	05/03/2018	Recreation Fund	Operating Supplies	Grainger Inc	Restroom Supplies	24.50
0	05/03/2018	Recreation Fund	Operating Supplies	Grainger Inc	Fluorescent Lamps	111.24
89254	04/26/2018	Recreation Fund	Operating Supplies	Groth Music	Community Band Supplies	25.49
89336	05/03/2018	Recreation Fund	Operating Supplies	Groth Music	Roseville Big Band Music-A Hefti D(	76.95
0	05/15/2018	Recreation Fund	Operating Supplies	Home Depot- CC	Eye Bolt	2.38
0	05/15/2018	Recreation Fund	Operating Supplies	Home Depot- CC	Splice Connectors	44.29
0	05/02/2018	Recreation Fund	Operating Supplies	Maplewood Comm, Center-CC	Spring Break Pool Rental	70.00
0	05/02/2018	Recreation Fund	Operating Supplies	Maplewood Comm, Center-CC	Spring Break Pool Rental	80.00
89351	05/03/2018	Recreation Fund	Operating Supplies	Tessa Mayer	Ice Show Supplies Reimbursement	107.20
0	05/03/2018	Recreation Fund	Operating Supplies	Glen Newton	Big Band Supplies Reimbursement	114.92
0	05/02/2018	Recreation Fund	Operating Supplies	PetSmart-CC	Animal Supplies	51.42
0	05/02/2018	Recreation Fund	Operating Supplies	Restaurant Depot- CC	Spring Break Camp Supplies	26.88
0	05/02/2018	Recreation Fund	Operating Supplies	Restaurant Depot- CC	Concession Supplies	90.02
0	05/15/2018	Recreation Fund	Operating Supplies	Revolution Dancewear-CC	Skating Show Costumes	499.85
0	05/02/2018	Recreation Fund	Operating Supplies	Revolution Dancewear-CC	Ice Show Costumes	51.99
0	04/26/2018	Recreation Fund	Operating Supplies	Rink Systems Inc	Access Gate	66.00
0	05/02/2018	Recreation Fund	Operating Supplies	Roth Sugar Bush-CC	Tapping Time Supplies	48.25
0	05/15/2018	Recreation Fund	Operating Supplies	Sam's Club-CC	Arts @ The Oval Supplies	56.83
0	05/15/2018	Recreation Fund	Operating Supplies	Sherwin Williams - CC	Paint Supplies	26.92
0	05/15/2018	Recreation Fund	Operating Supplies	Staples-CC	Office Supplies	30.59
0	04/26/2018	Recreation Fund	Operating Supplies	Stitchin Post	Recital Supplies	506.00
89301	04/26/2018	Recreation Fund	Operating Supplies	Mary Stroemg	Community Band Supplies Reimburs(	42.74
0	05/15/2018	Recreation Fund	Operating Supplies	Subway-CC	Arts @ The Oval Supplies	84.83
0	05/15/2018	Recreation Fund	Operating Supplies	Target- CC	Arts @ The Oval Supplies	60.90
0	05/15/2018	Recreation Fund	Operating Supplies	Target- CC	HANC Supplies	68.84
0	05/15/2018	Recreation Fund	Operating Supplies	Target- CC	Tapping Time Supplies	17.91
0	05/02/2018	Recreation Fund	Operating Supplies	Ticket Printing.com-CC	Ice Show Tickets	99.65
0	05/15/2018	Recreation Fund	Operating Supplies	Time Clock Express-CC	Time Clock	199.99
0	05/15/2018	Recreation Fund	Operating Supplies	Tumbl Trak-CC	Tumbl Trak Replacement	1,020.36
0	04/26/2018	Recreation Fund	Operating Supplies	Voss Lighting	Lighting Supplies	39.60
0	05/03/2018	Recreation Fund	Operating Supplies	Voss Lighting	Lighting Supplies	72.00
0	05/02/2018	Recreation Fund	Operating Supplies	Walgreens-CC	Camp Supplies	9.98

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0	05/15/2018	Recreation Fund	Operating Supplies	Weissman's Design-CC	Ice Show Costumes	30.62
0	05/15/2018	Recreation Fund	Operating Supplies	Weissman's Design-CC	Ice Show Costumes	563.52
0	05/02/2018	Recreation Fund	Operating Supplies	Weissman's Design-CC	Ice Show Costumes	1,007.64
					Operating Supplies Total:	8,108.45
89302	04/26/2018	Recreation Fund	Other services	T Mobile	Cell Phones - Acct: 876644423	13.43
					Other services Total:	13.43
0	04/26/2018	Recreation Fund	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	3,264.15
0	05/03/2018	Recreation Fund	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	3,230.66
					PERA Employee Ded Total:	6,494.81
0	04/26/2018	Recreation Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	502.20
0	04/26/2018	Recreation Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	3,264.15
0	05/03/2018	Recreation Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	3,230.66
0	05/03/2018	Recreation Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	497.05
					PERA Employer Share Total:	7,494.06
89338	05/03/2018	Recreation Fund	Printing	House of Print	Printing	6,205.33
0	04/26/2018	Recreation Fund	Printing	Roseville Area Schools	Tennis-Picklebazll Flyer	32.00
					Printing Total:	6,237.33
89312	05/03/2018	Recreation Fund	Professional Services	A Touch of Magic, Inc	July 4th Face Painters-50% Deposit	560.00
89319	05/03/2018	Recreation Fund	Professional Services	Angela Benes	Tap for Adults Instruction	800.00
89234	04/26/2018	Recreation Fund	Professional Services	Champion Youth	Safety Awareness Training	1,680.00
89346	05/03/2018	Recreation Fund	Professional Services	Lil Sluggers St. Paul	Camp Registrations-Spring Session 1	2,422.50
89274	04/26/2018	Recreation Fund	Professional Services	Metro Connections, Inc.	Historic St. Paul Tour	1,343.00
0	04/26/2018	Recreation Fund	Professional Services	Metro Volleyball Officials	Volleyball Officiating	1,334.00
0	04/26/2018	Recreation Fund	Professional Services	Metro Volleyball Officials	Volleyball Officiating	928.00
0	05/03/2018	Recreation Fund	Professional Services	Metro Volleyball Officials	Officiating Service	754.00
89359	05/03/2018	Recreation Fund	Professional Services	Bob Nielsen	Big Band Loading/Unloading	40.00
89360	05/03/2018	Recreation Fund	Professional Services	North Memorial	DOT Medical Exams-Acct: 64904	74.00
0	04/26/2018	Recreation Fund	Professional Services	Susan Perry	Yoga Instruction	1,399.58
0	05/03/2018	Recreation Fund	Professional Services	Printers Service Inc	Ice Knife Sharpening	180.00
89296	04/26/2018	Recreation Fund	Professional Services	Shamrock Group, Inc.	Soda Supplies	24.00
89298	04/26/2018	Recreation Fund	Professional Services	St. Anthony-New Brighton Comm.	Adult Trip-Old Log Theater	1,158.03
0	05/15/2018	Recreation Fund	Professional Services	Survey Monkey.com-CC	Evaluation Tool for Department	252.00

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				Professional Services Total:		12,949.11
0	05/02/2018	Recreation Fund	Sales Tax Payable	MN Dept of Revenue-Non Bank	Sales/Use Tax	3,463.39
0	05/03/2018	Recreation Fund	Sales Tax Payable	Susan Perry	Permit Refund	5.84
				Sales Tax Payable Total:		3,469.23
0	04/26/2018	Recreation Fund	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	2,001.69
0	05/03/2018	Recreation Fund	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	2,053.91
				State Income Tax Total:		4,055.60
89302	04/26/2018	Recreation Fund	Telephone	T Mobile	Cell Phones - Acct: 876644423	268.60
				Telephone Total:		268.60
0	05/03/2018	Recreation Fund	Transportation	Jill Anfang	Mileage Reimbursement	275.23
89274	04/26/2018	Recreation Fund	Transportation	Metro Connections, Inc.	Historic St. Paul Tour	750.00
89298	04/26/2018	Recreation Fund	Transportation	St. Anthony-New Brighton Comm.	Adult Trip-Old Log Theater	378.54
				Transportation Total:		1,403.77
89348	05/03/2018	Recreation Fund	Union Dues Deduction	Local Union 49	PR Batch 00001.05.2018 IOUE Unio	68.65
				Union Dues Deduction Total:		68.65
89236	04/26/2018	Recreation Fund	Utilities	Comcast	Business Services	5.00
89236	04/26/2018	Recreation Fund	Utilities	Comcast	Business Services	311.34
89328	05/03/2018	Recreation Fund	Utilities	Comcast	Business Services	280.03
89328	05/03/2018	Recreation Fund	Utilities	Comcast	Business Services	280.03
0	05/03/2018	Recreation Fund	Utilities	Xcel Energy	Skating Center	12,861.48
				Utilities Total:		13,737.88
				Fund Total:		145,044.82
89354	05/03/2018	Recreation Improvements	Minor Equipment	Minnesota Wisconsin Playground	Playcurbs	390.38

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Minor Equipment Total:	390.38
					Fund Total:	390.38
89308	04/26/2018	Risk Management	Insurance	West Bend Mutual Insurance Comp	Insurance-Acct: 10008680200	84.00
					Insurance Total:	84.00
					Fund Total:	84.00
0	05/02/2018	Sanitary Sewer	Credit Card Fees	Bluefin Payment Systems-Non Ban	March 2018 UB Payments.com Charg	3,792.32
					Credit Card Fees Total:	3,792.32
0	04/26/2018	Sanitary Sewer	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	1,180.50
0	05/03/2018	Sanitary Sewer	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	1,332.71
					Federal Income Tax Total:	2,513.21
0	04/26/2018	Sanitary Sewer	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	201.75
0	04/26/2018	Sanitary Sewer	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	862.64
0	05/03/2018	Sanitary Sewer	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	219.12
0	05/03/2018	Sanitary Sewer	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	936.95
					FICA Employee Ded. Total:	2,220.46
0	04/26/2018	Sanitary Sewer	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	201.75
0	04/26/2018	Sanitary Sewer	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	862.64
0	05/03/2018	Sanitary Sewer	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	219.12
0	05/03/2018	Sanitary Sewer	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	936.95
					FICA Employers Share Total:	2,220.46
89341	05/03/2018	Sanitary Sewer	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplo	483.50
					HRA Employer Total:	483.50
0	04/26/2018	Sanitary Sewer	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00002.04.2018 ICMA Defe	26.25

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/03/2018	Sanitary Sewer	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00001.05.2018 ICMA Defe	26.25
				ICMA Def Comp Total:		52.50
89267	04/26/2018	Sanitary Sewer	Life Ins. Employee	LINA	Life Insurance Premium	2.46
				Life Ins. Employee Total:		2.46
89267	04/26/2018	Sanitary Sewer	Life Ins. Employer	LINA	Life Insurance Premium	25.02
				Life Ins. Employer Total:		25.02
89267	04/26/2018	Sanitary Sewer	Long Term Disability	LINA	Life Insurance Premium	75.04
				Long Term Disability Total:		75.04
89288	04/26/2018	Sanitary Sewer	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	1,011.89
				Medical Ins Employee Total:		1,011.89
89288	04/26/2018	Sanitary Sewer	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	3,055.54
				Medical Ins Employer Total:		3,055.54
89371	05/03/2018	Sanitary Sewer	Minor Equipment	TCIC Inc.	13 CalAmp Phantom II 900 Mhz Rad	15,600.00
				Minor Equipment Total:		15,600.00
0	04/26/2018	Sanitary Sewer	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	144.23
0	05/03/2018	Sanitary Sewer	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	156.35
				MN State Retirement Total:		300.58
0	04/26/2018	Sanitary Sewer	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	128.26
0	05/03/2018	Sanitary Sewer	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	127.94
				MNDCP Def Comp Total:		256.20
0	04/26/2018	Sanitary Sewer	Operating Supplies	FleetPride Truck & Trailer Parts	Coupler	23.98
0	04/26/2018	Sanitary Sewer	Operating Supplies	MacQueen Equipment	Swivel Joints	405.03

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					Operating Supplies Total:	429.01
0	04/26/2018	Sanitary Sewer	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	937.41
0	05/03/2018	Sanitary Sewer	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	1,016.03
					PERA Employee Ded Total:	1,953.44
0	04/26/2018	Sanitary Sewer	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	937.41
0	04/26/2018	Sanitary Sewer	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	144.23
0	05/03/2018	Sanitary Sewer	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	1,016.03
0	05/03/2018	Sanitary Sewer	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	156.35
					PERA Employer Share Total:	2,254.02
0	05/03/2018	Sanitary Sewer	Professional Services	Gopher State One Call	FTP Tickets	92.80
89275	04/26/2018	Sanitary Sewer	Professional Services	Metropolitan Council	Permit Fee	425.00
89361	05/03/2018	Sanitary Sewer	Professional Services	Pipe Services Inc	Sewer Television Inspections	42,933.76
					Professional Services Total:	43,451.56
0	04/26/2018	Sanitary Sewer	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	612.13
0	05/03/2018	Sanitary Sewer	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	687.46
					State Income Tax Total:	1,299.59
89302	04/26/2018	Sanitary Sewer	Telephone	T Mobile	Cell Phones - Acct: 876644423	53.72
89302	04/26/2018	Sanitary Sewer	Telephone	T Mobile	Cell Phones - Acct: 771707201	79.98
					Telephone Total:	133.70
89283	04/26/2018	Sanitary Sewer	Training	MN Pollution Control Agency	Sewer License Renewal-Coone	23.00
89356	05/03/2018	Sanitary Sewer	Training	MN Pollution Control Agency	Sewer License-Konstandinou	45.00
					Training Total:	68.00
89348	05/03/2018	Sanitary Sewer	Union Dues Deduction	Local Union 49	PR Batch 00001.05.2018 IOUE Unio	118.96
					Union Dues Deduction Total:	118.96
0	05/03/2018	Sanitary Sewer	Vehicles & Equipment	MacQueen Equipment	2018 Envirosight Rover X Camera (S	78,778.00

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					Vehicles & Equipment Total:	78,778.00
					Fund Total:	160,095.46
0	04/26/2018	Solid Waste Recycle	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	96.63
0	05/03/2018	Solid Waste Recycle	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	96.63
					Federal Income Tax Total:	193.26
0	04/26/2018	Solid Waste Recycle	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	64.40
0	04/26/2018	Solid Waste Recycle	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Er	15.07
0	05/03/2018	Solid Waste Recycle	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	64.40
0	05/03/2018	Solid Waste Recycle	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	15.07
					FICA Employee Ded. Total:	158.94
0	04/26/2018	Solid Waste Recycle	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Er	15.07
0	04/26/2018	Solid Waste Recycle	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	64.40
0	05/03/2018	Solid Waste Recycle	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	64.40
0	05/03/2018	Solid Waste Recycle	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	15.07
					FICA Employers Share Total:	158.94
89267	04/26/2018	Solid Waste Recycle	Life Ins. Employer	LINA	Life Insurance Premium	1.43
					Life Ins. Employer Total:	1.43
89267	04/26/2018	Solid Waste Recycle	Long Term Disability	LINA	Life Insurance Premium	59.52
89267	04/26/2018	Solid Waste Recycle	Long Term Disability	LINA	Life Insurance Premium	5.30
					Long Term Disability Total:	64.82
0	04/26/2018	Solid Waste Recycle	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	9.78
0	05/03/2018	Solid Waste Recycle	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	9.78
					MN State Retirement Total:	19.56
0	04/26/2018	Solid Waste Recycle	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	63.57
0	05/03/2018	Solid Waste Recycle	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	63.57

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					PERA Employee Ded Total:	127.14
0	04/26/2018	Solid Waste Recycle	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	63.57
0	04/26/2018	Solid Waste Recycle	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	9.78
0	05/03/2018	Solid Waste Recycle	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	9.78
0	05/03/2018	Solid Waste Recycle	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	63.57
					PERA Employer Share Total:	146.70
0	05/03/2018	Solid Waste Recycle	Professional Services	Eureka Recycling	Curbside Recycling	37,861.10
					Professional Services Total:	37,861.10
0	04/26/2018	Solid Waste Recycle	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	54.13
0	05/03/2018	Solid Waste Recycle	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	54.13
					State Income Tax Total:	108.26
					Fund Total:	38,840.15
89318	05/03/2018	Storm Drainage	Clothing	Avenue Shirt Works	Uniform Supplies	135.63
89318	05/03/2018	Storm Drainage	Clothing	Avenue Shirt Works	Uniform Supplies	18.00
					Clothing Total:	153.63
0	04/26/2018	Storm Drainage	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	1,051.94
0	05/03/2018	Storm Drainage	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	1,252.34
					Federal Income Tax Total:	2,304.28
0	04/26/2018	Storm Drainage	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	688.19
0	04/26/2018	Storm Drainage	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	160.93
0	05/03/2018	Storm Drainage	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	780.57
0	05/03/2018	Storm Drainage	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	182.55
					FICA Employee Ded. Total:	1,812.24
0	04/26/2018	Storm Drainage	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	688.19
0	04/26/2018	Storm Drainage	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	160.93

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/03/2018	Storm Drainage	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	780.57
0	05/03/2018	Storm Drainage	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Er	182.55
					FICA Employers Share Total:	1,812.24
89341	05/03/2018	Storm Drainage	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplc	113.74
					HRA Employer Total:	113.74
0	04/26/2018	Storm Drainage	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00002.04.2018 ICMA Defe	52.50
0	05/03/2018	Storm Drainage	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00001.05.2018 ICMA Defe	52.51
					ICMA Def Comp Total:	105.01
89267	04/26/2018	Storm Drainage	Life Ins. Employee	LINA	Life Insurance Premium	73.48
					Life Ins. Employee Total:	73.48
89267	04/26/2018	Storm Drainage	Life Ins. Employer	LINA	Life Insurance Premium	19.02
					Life Ins. Employer Total:	19.02
89267	04/26/2018	Storm Drainage	Long Term Disability	LINA	Life Insurance Premium	55.98
					Long Term Disability Total:	55.98
89288	04/26/2018	Storm Drainage	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	180.81
					Medical Ins Employee Total:	180.81
89288	04/26/2018	Storm Drainage	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	1,971.42
					Medical Ins Employer Total:	1,971.42
0	04/26/2018	Storm Drainage	Minnesota Benefit Ded	MN Benefit Association	PR Batch 00002.04.2018 Minnesota I	34.26
					Minnesota Benefit Ded Total:	34.26
89371	05/03/2018	Storm Drainage	Minor Equipment	TCIC Inc.	8 CalAmp Phantom II 900 Mhz Radic	9,600.00

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Minor Equipment Total:	9,600.00
0	04/26/2018	Storm Drainage	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	110.99
0	05/03/2018	Storm Drainage	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	126.02
					MN State Retirement Total:	237.01
0	04/26/2018	Storm Drainage	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	63.51
0	05/03/2018	Storm Drainage	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	63.15
					MNDCP Def Comp Total:	126.66
0	05/15/2018	Storm Drainage	Operating Supplies	Home Depot- CC	Trash Pickers	60.61
					Operating Supplies Total:	60.61
0	04/26/2018	Storm Drainage	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	721.28
0	05/03/2018	Storm Drainage	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	819.06
					PERA Employee Ded Total:	1,540.34
0	04/26/2018	Storm Drainage	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	721.28
0	04/26/2018	Storm Drainage	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	110.99
0	05/03/2018	Storm Drainage	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	126.02
0	05/03/2018	Storm Drainage	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	819.06
					PERA Employer Share Total:	1,777.35
0	05/03/2018	Storm Drainage	Professional Services	Gopher State One Call	FTP Tickets	92.80
89361	05/03/2018	Storm Drainage	Professional Services	Pipe Services Inc	Sewer Television Inspections	1,339.18
					Professional Services Total:	1,431.98
0	04/26/2018	Storm Drainage	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	513.47
0	05/03/2018	Storm Drainage	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	607.06
					State Income Tax Total:	1,120.53
89302	04/26/2018	Storm Drainage	Telephone	T Mobile	Cell Phones - Acct: 876644423	53.72

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
					Telephone Total:	53.72
89348	05/03/2018	Storm Drainage	Union Dues Deduction	Local Union 49	PR Batch 00001.05.2018 IOUE Unio	89.16
					Union Dues Deduction Total:	89.16
0	05/03/2018	Storm Drainage	Utilities	Xcel Energy	Storm Lift Stations	1,156.46
					Utilities Total:	1,156.46
					Fund Total:	25,829.93
0	04/26/2018	Telecommunications	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inc	462.04
0	05/03/2018	Telecommunications	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inc	462.04
					Federal Income Tax Total:	924.08
0	04/26/2018	Telecommunications	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	105.15
0	04/26/2018	Telecommunications	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	449.65
0	05/03/2018	Telecommunications	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	449.65
0	05/03/2018	Telecommunications	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare E	105.16
					FICA Employee Ded. Total:	1,109.61
0	04/26/2018	Telecommunications	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	449.65
0	04/26/2018	Telecommunications	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare E	105.15
0	05/03/2018	Telecommunications	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare E	105.16
0	05/03/2018	Telecommunications	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	449.65
					FICA Employers Share Total:	1,109.61
89341	05/03/2018	Telecommunications	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplo	161.50
					HRA Employer Total:	161.50
89267	04/26/2018	Telecommunications	Life Ins. Employee	LINA	Life Insurance Premium	68.10
					Life Ins. Employee Total:	68.10

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
89267	04/26/2018	Telecommunications	Life Ins. Employer	LINA	Life Insurance Premium	10.55
					Life Ins. Employer Total:	10.55
89267	04/26/2018	Telecommunications	Long Term Disability	LINA	Life Insurance Premium	39.42
					Long Term Disability Total:	39.42
89288	04/26/2018	Telecommunications	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	274.67
					Medical Ins Employee Total:	274.67
89288	04/26/2018	Telecommunications	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	850.06
					Medical Ins Employer Total:	850.06
0	04/26/2018	Telecommunications	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	72.46
0	05/03/2018	Telecommunications	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	72.47
					MN State Retirement Total:	144.93
0	04/26/2018	Telecommunications	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	392.50
0	05/03/2018	Telecommunications	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	392.50
					MNDCP Def Comp Total:	785.00
0	05/15/2018	Telecommunications	Operating Supplies	Broadcast Pix-CC	Software Upgrade	995.00
					Operating Supplies Total:	995.00
0	04/26/2018	Telecommunications	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	471.06
0	05/03/2018	Telecommunications	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	471.07
					PERA Employee Ded Total:	942.13
0	04/26/2018	Telecommunications	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	471.06
0	04/26/2018	Telecommunications	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	72.46
0	05/03/2018	Telecommunications	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	72.47
0	05/03/2018	Telecommunications	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	471.07

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
				PERA Employer Share Total:		1,087.06
89285	04/26/2018	Telecommunications	Printing	Murphy Creative Design, LLC	City News Creative Services	1,050.00
				Printing Total:		1,050.00
0	04/26/2018	Telecommunications	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	255.74
0	05/03/2018	Telecommunications	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	255.75
				State Income Tax Total:		511.49
				Fund Total:		10,063.21
0	04/26/2018	TIF District #17-Twin Lakes	Contractor Payments	Forest Lake Contracting, Inc.	Twin Lakes Pkwy Phase 3	10,000.00
				Contractor Payments Total:		10,000.00
				Fund Total:		10,000.00
89282	04/26/2018	Water Fund	706 Shryer Water Booster	MN Mechanical Solutions, Inc.	Booster Station	121,315.95
				706 Shryer Water Booster Total:		121,315.95
89231	04/26/2018	Water Fund	Accounts Payable	SUSAN BENNETT	Refund Check	63.71
89232	04/26/2018	Water Fund	Accounts Payable	COREEN BOWAR	Refund Check	117.63
89321	05/03/2018	Water Fund	Accounts Payable	JACK & LINDA BREWER	Refund Check	247.79
89324	05/03/2018	Water Fund	Accounts Payable	COLLEEN CHEN	Refund Check	104.84
89329	05/03/2018	Water Fund	Accounts Payable	BERDELLA COOPER	Refund Check	53.25
89240	04/26/2018	Water Fund	Accounts Payable	WILLIAM & PATRICIA DRESSEN	Refund Check	231.71
89331	05/03/2018	Water Fund	Accounts Payable	KENNETH FEULNER	Refund Check	81.47
89247	04/26/2018	Water Fund	Accounts Payable	STACY FRALEY	Refund Check	97.72
89249	04/26/2018	Water Fund	Accounts Payable	RICHARD FRIEDGES	Refund Check	52.76
89335	05/03/2018	Water Fund	Accounts Payable	DIANA & STACY GREGG	Refund Check	211.71
89255	04/26/2018	Water Fund	Accounts Payable	DAVID & KAYLA GUSTAFSON	Refund Check	113.61
89261	04/26/2018	Water Fund	Accounts Payable	ABIGAIL BOETTCHER & KATHI	Refund Check	186.68
89262	04/26/2018	Water Fund	Accounts Payable	THEODORE KINDER	Refund Check	105.26
89345	05/03/2018	Water Fund	Accounts Payable	WOJCIECH KOMORNICKI	Refund Check	66.59
89265	04/26/2018	Water Fund	Accounts Payable	ANTHONY & KRISTINE LEE	Refund Check	14.18

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
89269	04/26/2018	Water Fund	Accounts Payable	VIOLET MAGNUSON	Refund Check	60.31
89352	05/03/2018	Water Fund	Accounts Payable	TERIE MCDONALD	Refund Check	55.06
89358	05/03/2018	Water Fund	Accounts Payable	TODD & SHERYL NEIL	Refund Check	82.24
89306	04/26/2018	Water Fund	Accounts Payable	KURTIS VIGGERS	Refund Check	86.04
89307	04/26/2018	Water Fund	Accounts Payable	GARY VOIGT	Refund Check	136.71
					Accounts Payable Total:	2,169.27
89318	05/03/2018	Water Fund	Clothing	Avenue Shirt Works	Uniform Supplies	88.26
					Clothing Total:	88.26
89257	04/26/2018	Water Fund	Contract Maintenance	Brenda Heath	Sump Pump Reimbursement Due to V	803.25
					Contract Maintenance Total:	803.25
0	04/26/2018	Water Fund	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Federal Inco	1,534.40
0	05/03/2018	Water Fund	Federal Income Tax	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Federal Inco	1,691.80
					Federal Income Tax Total:	3,226.20
0	04/26/2018	Water Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	252.85
0	04/26/2018	Water Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	1,081.18
0	05/03/2018	Water Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	1,150.48
0	05/03/2018	Water Fund	FICA Employee Ded.	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	269.08
					FICA Employee Ded. Total:	2,753.59
0	04/26/2018	Water Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 Medicare Ei	252.85
0	04/26/2018	Water Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00002.04.2018 FICA Empl	1,081.18
0	05/03/2018	Water Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 Medicare Ei	269.08
0	05/03/2018	Water Fund	FICA Employers Share	IRS EFTPS- Non Bank	PR Batch 00001.05.2018 FICA Empl	1,150.48
					FICA Employers Share Total:	2,753.59
89341	05/03/2018	Water Fund	HRA Employer	ING ReliaStar	PR Batch 00001.05.2018 HRA Emplo	240.11
					HRA Employer Total:	240.11
0	04/26/2018	Water Fund	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00002.04.2018 ICMA Defe	48.75
0	05/03/2018	Water Fund	ICMA Def Comp	ICMA Retirement Trust 457-30022′	PR Batch 00001.05.2018 ICMA Defe	48.75

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
				ICMA Def Comp Total:		97.50
89267	04/26/2018	Water Fund	Life Ins. Employee	LINA	Life Insurance Premium	104.59
				Life Ins. Employee Total:		104.59
89267	04/26/2018	Water Fund	Life Ins. Employer	LINA	Life Insurance Premium	33.44
				Life Ins. Employer Total:		33.44
89267	04/26/2018	Water Fund	Long Term Disability	LINA	Life Insurance Premium	87.34
				Long Term Disability Total:		87.34
89288	04/26/2018	Water Fund	Medical Ins Employee	NJPA	Health Insurance Premium-April 201	214.96
				Medical Ins Employee Total:		214.96
89288	04/26/2018	Water Fund	Medical Ins Employer	NJPA	Health Insurance Premium-April 201	2,148.33
				Medical Ins Employer Total:		2,148.33
89371	05/03/2018	Water Fund	Minor Equipment	TCIC Inc.	5 CalAmp Phantom II 900 Mhz Radic	6,000.00
				Minor Equipment Total:		6,000.00
0	04/26/2018	Water Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00002.04.2018 Post Emplo	171.63
0	05/03/2018	Water Fund	MN State Retirement	MSRS-Non Bank	PR Batch 00001.05.2018 Post Emplo	182.88
				MN State Retirement Total:		354.51
0	04/26/2018	Water Fund	MNDCP Def Comp	Great West- Non Bank	PR Batch 00002.04.2018 MNDCP De	203.74
0	05/03/2018	Water Fund	MNDCP Def Comp	Great West- Non Bank	PR Batch 00001.05.2018 MNDCP De	203.44
				MNDCP Def Comp Total:		407.18
89245	04/26/2018	Water Fund	Operating Supplies	Ferguson Enterprises Inc #1657	Procoders	1,075.41
0	05/15/2018	Water Fund	Operating Supplies	Menards-CC	Drywall, Electrical Supplies	37.40
0	05/15/2018	Water Fund	Operating Supplies	Sharrow Lifting Products-CC	Leg Web Bridle	274.11
0	05/15/2018	Water Fund	Operating Supplies	Suburban Ace Hardware-CC	Elbow	8.99

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
0	05/02/2018	Water Fund	Operating Supplies	Suburban Ace Hardware-CC	Power Cord	16.99
0	05/15/2018	Water Fund	Operating Supplies	USA Blue Book-CC	Bluebook Dispenser	88.44
					Operating Supplies Total:	1,501.34
0	04/26/2018	Water Fund	PERA Employee Ded	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	1,115.73
0	05/03/2018	Water Fund	PERA Employee Ded	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	1,188.97
					PERA Employee Ded Total:	2,304.70
0	04/26/2018	Water Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera Emplo	1,115.73
0	04/26/2018	Water Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00002.04.2018 Pera additio	171.63
0	05/03/2018	Water Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera additio	182.88
0	05/03/2018	Water Fund	PERA Employer Share	PERA-Non Bank	PR Batch 00001.05.2018 Pera Emplo	1,188.97
					PERA Employer Share Total:	2,659.21
0	05/15/2018	Water Fund	Professional Services	Appointment Plus-CC	Scheduling Service	213.17
0	05/03/2018	Water Fund	Professional Services	Gopher State One Call	FTP Tickets	92.80
89360	05/03/2018	Water Fund	Professional Services	North Memorial	DOT Medical Exams-Acct: 64904	-25.00
					Professional Services Total:	280.97
0	04/26/2018	Water Fund	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00002.04.2018 State Incom	750.43
0	05/03/2018	Water Fund	State Income Tax	MN Dept of Revenue-Non Bank	PR Batch 00001.05.2018 State Incom	817.32
					State Income Tax Total:	1,567.75
0	05/02/2018	Water Fund	State Sales Tax Payable	MN Dept of Revenue-Non Bank	Sales/Use Tax	1,707.30
					State Sales Tax Payable Total:	1,707.30
89302	04/26/2018	Water Fund	Telephone	T Mobile	Cell Phones - Acct: 876644423	113.37
					Telephone Total:	113.37
89279	04/26/2018	Water Fund	Training	MN Dept of Health-Drinking Water	Water Operator Licenses-Fish, Konst	46.00
					Training Total:	46.00
89348	05/03/2018	Water Fund	Union Dues Deduction	Local Union 49	PR Batch 00001.05.2018 IOUE Unio	191.43

Check Number	Check Date	Fund Name	Account Name	Vendor Name	Invoice Desc.	Amount
				Union Dues Deduction Total:		191.43
0	05/02/2018	Water Fund	Water - Roseville	City of Roseville- Non Bank	March 2018 City Water Bills-Due Apı	1,504.33
0	05/02/2018	Water Fund	Water - Roseville	MN Dept of Revenue-Non Bank	Sales/Use Tax	29.83
				Water - Roseville Total:		1,534.16
				Fund Total:		154,704.30
				Report Total:		3,649,863.04

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **9.b**

Department Approval

City Manager Approval

Item Description: Consideration to approve or deny 1 Temporary On-Sale Liquor License.

BACKGROUND

Chapter 301 of the City Code requires all applications for business and other licenses to be submitted to the City Council for approval. The following applications are submitted for consideration:

Temporary On-Sale Liquor License
Roseville Visitor's Association
1700 Highway 36 W, Suite 600
Roseville, MN 55113

The Roseville Visitor's Association is hosting their RoVival Event at the Rosedale Center on July 28th, 2018. The event will take place in the Southeast corner of the Rosedale Parking Lot near Herbergers. The alcohol will be provided by Bent Brewstillery who does hold an Off-Sale Brewery/Microdistillery License.

POLICY OBJECTIVE

Required by City Code

FINANCIAL IMPACTS

The correct fees were paid to the City at the time the application(s) were made.

STAFF RECOMMENDATION

Staff has reviewed the application(s) and has determined that the applicant(s) meet all City requirements. Staff recommends approval of the license(s).

REQUESTED COUNCIL ACTION

Motion to approve the Temporary On-Sale Liquor License.

Prepared by: Chris Miller, Finance Director
Attachments: A: Applications

Minnesota Department of Public Safety
Alcohol and Gambling Enforcement Division
445 Minnesota Street, Suite 222, St. Paul, MN 55101
651-201-7500 Fax 651-297-5259 TTY 651-282-6555

APPLICATION AND PERMIT FOR A 1 DAY TO 4 DAY TEMPORARY ON-SALE LIQUOR LICENSE

Name of organization	Date organized	Tax exempt number
Roseville Visitor Association	4/18	41-1951406

Address	City	State	Zip Code
1700 Highway 36 W Suite 600	Roseville	Minnesota	55113

Name of person making application	Business phone	Home phone
Julie Wearn	651-633-3002	

Date(s) of event: July 28th, 2018

Type of organization: ☐ Club ☐ Charitable ☐ Religious ☒ Other non-profit

Organization officer's name	City	State	Zip Code
Julie Wearn	Roseville	Minnesota	55113
		Minnesota	
		Minnesota	
		Minnesota	

Location where permit will be used. If an outdoor area, describe.
Southeast corner of Rosedale parking lot - near Harbergers

If the applicant will contract for intoxicating liquor service give the name and address of the liquor license providing the service.
N/A

If the applicant will carry liquor liability insurance please provide the carrier's name and amount of coverage.
West Bend Insurance Company
Aggregate Limit $2,000,000
Each Common $1,000,000

APPROVAL

APPLICATION MUST BE APPROVED BY CITY OR COUNTY BEFORE SUBMITTING TO ALCOHOL AND GAMBLING ENFORCEMENT

City or County approving the license

Date Approved

Fee Amount

Permit Date

Date Fee Paid

City or County E-mail Address

City or County Phone Number

Signature City Clerk or County Official

Approved Director Alcohol and Gambling Enforcement

CLERKS NOTICE: Submit this form to Alcohol and Gambling Enforcement Division 30 days prior to event.

ONE SUBMISSION PER EMAIL, APPLICATION ONLY.
PLEASE PROVIDE A VALID E-MAIL ADDRESS FOR THE CITY/COUNTY AS ALL TEMPORARY PERMIT APPROVALS WILL BE SENT BACK VIA EMAIL. E-MAIL THE APPLICATION SIGNED BY CITY/COUNTY TO AGE.TEMPORARYAPPLICATION@STATE.MN.US

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **9.c**

Department Approval

City Manager Approval

Item Description: Approve General Purchases or Sale of Surplus Items Exceeding $5,000

BACKGROUND

City Code section 103.05 establishes the requirement that all general purchases and/or contracts in excess of $5,000 be approved by the Council. In addition, State Statutes require that the Council authorize the sale of surplus vehicles and equipment.

Attachment A includes a list of items submitted for Council review and approval. *Attachment B* includes a summary of the CIP purchases for 2018.

POLICY OBJECTIVE

Required under City Code 103.05.

FINANCIAL IMPACTS

Funding for all items is provided for in the current budget or through pre-funded capital replacement funds.

STAFF RECOMMENDATION

Staff recommends the City Council approve the submitted purchases or contracts for service and if applicable; authorize the sale/trade-in of surplus items.

REQUESTED COUNCIL ACTION

Motion to approve the submitted purchases or contracts for services and if applicable; the sale/trade-in of surplus items.

Prepared by: Chris Miller, Finance Director
Attachments: A: Over $5,000 Items for Purchase or Sale/Trade-in
B: 2018 CIP Purchase Summary

General Purchases or Contracts

Division	Vendor	Description	Key	Budget Amount	P.O. Amount	Budget / CIP
Parks & Rec.	Upper Cut Tree Svc.	Diseased & Hazardous Tree	(a)	$ 106,000	$ 30,000	Budget
Information Tech	Software House Int'l	Microsoft Server License	(b)	20,000	18,623	Budget
Streets	Newman Sign Inc.	Street Sign Replacement	(c)	10,000	18,138	Budget

Key

(a) Diseased & Hazardous tree removal including Emeral Ash Borer. Budget amount includes the balance remaining in the EAB Account.

(b) Includes renewal of various Microsoft Server licenses

(c) Replace the final 420 (out of1,657) street signs. $10,000 was originally budgeted for sign replacement. The remainder will come out of the sign maintenance budget

Sale of Surplus Vehicles or Equipment

Division	Description	Key	Est. Sale / Trade-In Amount
			n/a

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City of Roseville Attachment B

2018 Summary of Scheduled CIP Items

Updated April 30, 2018

	Council Approval	P.O. Amount	Budget Amount	YTD Actual	Difference
Administration					
		$ -	$ -	$ -	$ -
Finance					
Software Acquisition		-	80,000	-	80,000
Central Services					
Copier & Postage Machine Lease		-	82,000	17,492	64,508
Police					
Marked Squad Car Replacements	1/29/2018	121,765	165,000	24,268	140,732
Unmarked Vehicle Replacement	1/29/2018	22,556	24,000	14,824	9,176
Vehicle Tools & Equipment		-	11,855	3,786	8,069
Vehicle Computers & Printers		-	8,800	-	8,800
Vehicle Cameras		-	41,715	-	41,715
Sidearms, Long-Guns, Non-Lethal Equip.		-	6,750	-	6,750
Tactical Gear		-	12,905	-	12,905
Crime Scene Equipment		-	3,000	-	3,000
Radio Equipment	1/29/2018	26,247	15,500	26,247	(10,747)
Office Equipment		-	6,500	-	6,500
Office Furniture		-	8,400	-	8,400
Fire					
Command Respone Vehicle	1/29/2018	38,319	52,500	47,208	5,292
Reporting Software		-	11,000	-	11,000
Portable and mobile radios		-	20,000	11,028	8,972
Personal Protective Equipment		-	40,000	-	40,000
SWAT Gear/Equipment		-	10,000	-	10,000
Fitness Equipment		-	10,000	2,465	7,535
Rescue/Training Equipment		-	1,500	-	1,500
Kitchen table & chairs		-	1,500	-	1,500
Outdoor Warning Sirens	1/29/2018	51,239	52,595	27,419	25,176
Public Works					
#304: Project Coord. C1500	1/29/2018	24,040	30,000	-	30,000
#111 Bobcat: Bucket		-	5,000	-	5,000
#111 Bobcat: Millhead	1/29/2018	14,112	22,000	14,112	7,888
#111 Bobcat: Sweeper Broom	1/29/2018	2,940	8,000	2,940	5,060
#157 Ingersoll 5-ton roller	1/29/2018	34,469	40,000	34,469	5,531
Street Signs		-	10,000	-	10,000
Band Saw		-	4,500	-	4,500
Boom Truck	1/8/2018	182,264	225,000	-	225,000
Brake lathe	1/29/2018	9,848	11,000	9,848	1,152
Parks & Recreation					
#511 Toolcat	1/29/2018	41,745	55,000	41,745	13,255
#553 John Deere Loader	1/29/2018	44,202	80,000	-	80,000
Tractor Replacement		-	41,000	-	41,000

City of Roseville Attachment B

2018 Summary of Scheduled CIP Items

Updated April 30, 2018

	Council Approval	P.O. Amount	Budget Amount	YTD Actual	Difference
General Facility Improvements					
Door Card Reader (CH,PW)		-	25,000	-	25,000
Unit Heaters (CH, PW)		-	6,000	-	6,000
Tables & Chairs (CH)		-	30,000	-	30,000
Maintenance Yard Security Gate		-	25,000	-	25,000
Paint Walls & City Hall		-	15,000	-	15,000
City Hall Elevator		-	95,000	-	95,000
Arena: Dehumidification		-	90,000	-	90,000
Arena: Restroom Remodeling		-	75,000	-	75,000
OVAL: Microprocessors		-	20,000	-	20,000
Fire Station Shift Office Counter Tops		-	3,000	-	3,000
Information Technology					
Computers (Notebooks, Desktop, Mobile)		-	69,800	-	69,800
Monitor/Display		-	8,700	-	8,700
MS Office License		-	8,100	-	8,100
Desktop Printer		-	1,200	-	1,200
Network Switches/Routers (Roseville)		-	38,000	5,275	32,725
Network Switches/Routers (Roseville)		-	10,000	-	10,000
Servers - Host - Shared (5)		-	30,000	-	30,000
Storage Area Network Nodes- Shared (8)		-	55,000	-	55,000
Power/UPS - Closets (11)		-	1,700	-	1,700
Surveillance Cameras (53)		-	9,180	-	9,180
Wireless Access Points (38)		-	23,200	-	23,200
Office Furniture		-	-	-	-
Park Improvements					
Tennis & Basketball Courts		-	-	-	-
Shelters & Structures		-	60,000	-	60,000
Volleyball & Bocce Ball Courts		-	-	-	-
Pathway Lighting		-	-	-	-
PIP Items		-	200,000	359	199,641
Natural Resources		-	40,000	-	40,000
Street Improvements					
Improvements		-	2,200,000	8,658	2,191,342
Street Lighting					
Improvements		-	45,000	-	45,000
Pathways (Existing)					
Improvements	3/26/2018	72,349	250,000	-	250,000
Communications					
Conference Room Equipment		-	-	-	-
Other Equipment		-	10,000	-	10,000
License Center					
General Office Equipment		-	3,100	-	3,100
Facility Improvements		-	250,000	-	250,000
Community Development					
Inspections Vehicle		-	19,000	-	19,000
Computer Replacements		-	2,500	893	1,607
Office Furniture		-	1,000	-	1,000

City of Roseville Attachment B

2018 Summary of Scheduled CIP Items

Updated April 30, 2018

	Council Approval	P.O. Amount	Budget Amount	YTD Actual	Difference
Water					
Field Computer Add/Replacements		-	5,000	-	5,000
Valve Operator & Vac	4/9/2018	72,550	70,000	-	70,000
Booster Station Rehabilitation		-	1,600,000	308,059	1,291,941
Water main replacement		-	500,000	150	499,850
Sanitary Sewer					
#209 1-ton Flat Bed Crane		-	40,000	-	40,000
Pipe Camera	4/9/2018	78,778	75,000	-	75,000
Lounge Lift Station Rehab		-	350,000	20,067	329,933
Fernwood Lift Station Rehab		-	60,000	-	60,000
Sewer main repairs		-	1,000,000	(2,250)	1,002,250
I & I reduction		-	100,000	-	100,000
Storm Sewer					
#172 Zero Turn Mower		-	15,000	-	15,000
Walsh Storm station Upgrades		-	450,000	7,545	442,455
Pond improvements/Infiltration		-	275,000	23,291	251,709
Storm Sewer Replacement/Rehabilitation	2/12/2018	47,300	350,000	-	350,000
Golf Course					
Irrigation System Upgrades		-	30,000	-	30,000
		-	-	-	-
Total - All Items			$9,836,500	$ 649,897	$9,186,603

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **9.d**

Department Approval	City Manager Approval

Item Description: Approve a Resolution to Accept the Work Completed, Authorize Final Payment, and Commence the One-Year Warranty Period on the 2017 Roseville Utility Improvements

BACKGROUND

On May 8, 2017, the City Council awarded the 2017 Roseville Utility Improvements to Northdale Construction Co, Inc. The work for this contract was finished in October 2017, and the contractor has requested final payment. This project consisted of two small utility projects.

The first project, Fairview Watermain Extension, is a watermain extension project just west of Fairview Avenue, south of County Road C. This improvement provided a looped watermain in this area providing better reliability for these businesses.

The second project was the County Road C2 Ditch project. This project involved replacing an existing ditch with a pipe which will allow for better maintenance and flow.

POLICY OBJECTIVE

City policy requires that the following items be completed to finalize a construction contract:

- Certification from the City Engineer verifying that all of the work has been completed in accordance with plans and specifications.
- A resolution by the City Council accepting the contract and beginning the one-year warranty.

FINANCIAL IMPACTS

The final contract amount of $157,411.58 is slightly more than the original contract amount of $146,929.36. There were two change orders on the project. One change order was to wet tap the watermain. The second change order was for additional work due to additional excavation required since the some of the existing watermain was at a larger depth.

This project was funded using water utility funds for the Fairview Watermain Extension project and storm water funds for the County Road C2 Ditch project. A breakdown of the funding is shown in Attachment B.

STAFF RECOMMENDATION

Since all necessary items have been completed in accordance with project plans and specifications, staff recommends the City Council approve a resolution accepting the work completed as the 2017 Roseville Utility Improvements and authorize final payment of $1,574.12.

REQUESTED COUNCIL ACTION

Approve the resolution accepting the work completed as 2017 Roseville Utility Improvements, starting the one-year warranty and authorizing final payment.

Prepared by: Jesse Freihammer, Asst. Public Works Director/City Engineer
Attachments: A: Resolution
B: City Engineer Certification

EXTRACT OF MINUTES OF MEETING
OF THE
CITY COUNCIL OF THE CITY OF ROSEVILLE

* * * * * * * * * * * * * * * * * * * *

Pursuant to due call and notice thereof, a regular meeting of the City Council of the City of Roseville, County of Ramsey, Minnesota, was duly held on the 21st day of May, 2018, at 6:00 p.m.

The following members were present: and the following members were absent: .

Council member introduced the following resolution and moved its adoption:

RESOLUTION No.

FINAL CONTRACT ACCEPTANCE
2017 ROSEVILLE UTILITY IMPROVEMENTS

BE IT RESOLVED by the City Council of the City of Roseville, as follows:

WHEREAS, pursuant to a written contract signed with the City on May 8, 2017, Northdale Construction Co. Inc., has satisfactorily completed the improvements associated with the 2017 Roseville Utility Improvements contract.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF ROSEVILLE, MINNESOTA, that the work completed under said contract is hereby accepted and approved; and

BE IT FURTHER RESOLVED: That the City Manager is hereby directed to issue a proper order for the final payment of such contract, taking the contractor's receipt in full; and

BE IT FURTHER RESOLVED: That the one year warranty period as specified in the contract shall commence on May 21, 2018.

The motion for the adoption of the foregoing resolution was duly seconded by Councilmember and upon vote being taken thereon, the following voted in favor thereof: and the following voted against the same: .

WHEAREUPON said resolution was declared duly passed and adopted.

STATE OF MINNESOTA)
) ss
COUNTY OF RAMSEY)

I, the undersigned, being the duly qualified City Manager of the City of Roseville, County of Ramsey, State of Minnesota, do hereby certify that I have carefully compared the attached and foregoing extract of minutes of a regular meeting of said City Council held on the 21st day of May, 2018, with the original thereof on file in my office.

WITNESS MY HAND officially as such Manager this 21st day of May, 2018.

_____
Patrick Trudgeon, City Manager

(SEAL)

May 21, 2018

TO THE CITY COUNCIL, CITY OF ROSEVILLE, MINNESOTA

RE: 2017 Roseville Utility Improvements
Contract Acceptance and Final Payment

Dear Council Members:

I have observed the work executed as a part of the 2017 Roseville Utility Improvements. I find that this contract has been fully completed in all respects according to the plans, specifications, and the contract. I therefore recommend that final payment be made from the improvement fund to the contractors for the balance on the contract as follows:

Original Contract amount (based on estimated quantities)	$146,929.36
Actual amount due (based on actual quantities)	$157,411.58
Previous payments	$155,857.46
Balance Due	$1,574.12

The construction costs for this project have been funded as follows:

Storm Sewer Utility Fund	$91,023.02
Water Utility Fund	$66,388.56

Please let me know if you have any questions or concerns and would like more information.

Sincerely,



Jesse Freihammer, P.E
City Engineer/Assistant Public Works Director
651-792-7042
Jesse.Freihammer@cityofroseville.com

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **9.e**

Department Approval | City Manager Approval

Item Description: Approve City Manager Goals for 2018

BACKGROUND

At the April 23 City Council meeting, Council members gave the annual performance review for the City Manager. As a result of those conversations, Council members Laliberte and McGehee drafted specific goals for the City Manager based on the review.

The draft goals are included as Attachment A.

REQUESTED COUNCIL ACTION

Motion to Approve the 2018 City Manager Goals

Prepared by: Patrick Trudgeon, City Manager (651) 792-7021

Attachments: A: 2018 City Manager Goals

2018 Performance Goals
for City Manager Patrick Trudgeon

These goals are specifically broad and aspirational to provide Mr. Trudgeon the opportunity to approach each topic in a way that he feels is most effective and that he feels will provide the best results. Together they are intended to provide ways for Mr. Trudgeon to demonstrate and increase his operational leadership skills, prioritize initiatives, and establish discussion points for the annual review process.

1. **Communication with Council -** Engage in more proactive and regular communication with each member of the City Council to improve communication with city council members generally, and ahead of larger discussions, considerations, projects and actions.

2. **Operational efficiencies -** Lead on finding new efficiencies, actions, and changes in process for more cost-effective and efficient operations. Explore and implement those changes in any number of ways, including but not limited to utilizing and aligning technology (HRIS, Asset Management Software, etc.), effecting changes in roles and responsibilities, or by identifying external expertise.

3. **GARE Review and implementation -** Complete GARE training within the organization and conduct equity review of city programs and services in conjunction with department heads/staff, as well as the City Council and the HRIEC. Follow up on any internal review processes with reports to the City Council.

4. **Breakdown of silos -** Continue working to break down silos within City government. Encourage, develop and improve cross-department collaboration and find opportunities for the city to move beyond current processes or actions and into new directions.

5. **Preplanning for engagement and communication –**Establish and implement a process for strategic engagement with the community, which includes planning for earlier discussions, communicating timelines and stages of decision-making and more education of staff on engagement expectations and communication opportunities.

6. **Effective meetings and transparency** - Ensure that staff is preparing in advance and providing complete information in Council packets. Set the expectation that staff anticipate information needs and prepare for potential questions in advance. Reduce bench handouts and include copies of PowerPoint presentations in the packets. All commission agendas and packet should be sent out and publicly posted with as much advance notice and complete information as Council meetings.

####

REQUEST FOR COUNCIL ACTION

Date: **5/21/2018**
Item No.: **9.f**

Department Approval

City Manager Approval

Item Description: Approve contract for a Human Resources Information System Upgrade

BACKGROUND

In 2013, the City entered into an agreement with Aspetuck Systems, Inc (Perfect Software) for a Human Resources Information System (HRIS). Aspetuck Systems has now become Criterion, Inc. A Human Resources Information System is an online solution for the data entry, data tracking, and data information needs of the Human Resources department. The city uses this system for core human resources data, as well as benefit administration.

Since 2013, Criterion has upgraded its system to a new version and is no longer supporting the current version that the City is using. Knowing that the company would not go through another year of our open enrollment process with the city on the older version of the software, staff began the process for evaluating our current HRIS needs and whether this system met those needs.

In reviewing, evaluating and seeing demonstrations of several other systems, including the new version of our current vendor, staff felt upgrading to the new version of our current software was the best option at this time. By upgrading to the new version, the functionality of the system will improve. The negotiated 2-year contract will provide staff an opportunity to evaluate the new version and see if the improved functionality meets our current and future needs, while at the same time not lock us into a long term contract.

POLICY OBJECTIVE

One of the Organizational Priorities identified by the City Manager and staff includes investing in infrastructure to ensure sustainable funding for technology. Utilizing an HRIS system with improved functionality allows staff to focus on human capital needs rather than data entry.

BUDGET IMPLICATIONS

The company has waived the implementation fee for this upgrade. The on-going annual subscription cost will not change. We are currently paying a Per Employee Per Month (PEPM) fee ($6.50) plus an annual security fee ($300) however, there is an implementation cost to migrate our current custom reports as well as a cost for training on the new system.

Description	Price
Implementation Fee	WAIVED
Custom Report Migration	$1,750
Training (4 hours)	$700.00
Total cost for Upgrade	**$2,450**
Annual Costs	Price
Annual Security Fee	$300
PEPM ($6.50)*	$4,387.50 Quarterly

*The number of employees fluctuates throughout the year but the average annual cost is roughly $18,000 (which includes the Security Fee)

STAFF RECOMMENDATION

Staff recommends authorizing the City Manager to enter into a 2-year agreement with Criterion, Inc. for access to and usage of an Internet based human resources software service.

REQUESTED COUNCIL ACTION

Motion to authorize the City Manager to enter into a 2-year agreement with Criterion, Inc for access to and usage of an Internet based human resources software service.

Prepared by: Rebecca Olson, Assistant City Manager
Attachments: A: Subscription Services Agreement

Subscription Services Agreement

This agreement is between Criterion Inc., a Delaware corporation (**Criterion**), and the customer agreeing to these terms (**Customer**). It is dated as of the date Criterion signs below.

1. **SOFTWARE SERVICE**. This agreement provides Customer access to and usage of an Internet based human resources software service as specified on an order (**Service**).

2. **USE OF SERVICE**.

   a. **Customer Owned Data.** All data uploaded by Customer remains the property of Customer, as between Criterion and Customer (**Customer Data**). Customer grants Criterion the right to use the Customer Data solely for purposes of performing under this agreement. During the term of this agreement, Customer may export its Customer Data as allowed by functionality within the Service.

   b. **Contractor Access and Usage**. Customer may allow its contractors to access the Services in compliance with the terms of this agreement, which access must be for the sole benefit of Customer. Customer is responsible for the compliance with this agreement by its contractors.

   c. **Customer Responsibilities.** Customer (i) must keep its passwords secure and confidential; (ii) is solely responsible for Customer Data and all activity in its account in the Service; (iii) must use commercially reasonable efforts to prevent unauthorized access to its account, and notify Criterion promptly of any such unauthorized access; and (iv) may use the Service only in accordance with the Service's user documentation and applicable law.

   d. **Criterion Support.** Criterion must provide customer support for the Service under the terms of Support & Maintenance Terms, which is included as an attachment to this agreement (**Support**).

3. **SERVICE LEVEL AGREEMENT & WARRANTY**.

   a. **Warranty.** Criterion warrants to Customer: (i) that commercially reasonable efforts will be made to maintain the online availability of the Service for a minimum of availability in any given month as provided in the attachment titled Service Level Agreement (*excluding* maintenance outages, force majeure, and outages that result from any Customer technology issues); (ii) the functionality or features of the Service may change but will not materially decrease during any paid term; and (iii) that the Support may change but will not materially degrade during any paid term.

   b. **LIMITED REMEDY. Customer's exclusive remedy and Criterion' sole obligation for its failure to meet the warranty in a(i) above will be for Criterion to provide a credit for the applicable month as provided in the chart above (if this agreement is not renewed, then a refund), for the month; provided that Customer notifies Criterion of such breach within 30 days of the end of that month.**

   c. **DISCLAIMER. CRITERION DISCLAIMS ALL OTHER WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY, TITLE AND FITNESS FOR A PARTICULAR PURPOSE. WHILE CRITERION TAKES REASONABLE PHYSICAL, TECHNICAL AND ADMINISTRATIVE MEASURES TO SECURE THE SERVICE, CRITERION DOES NOT GUARANTEE THAT THE SERVICE CANNOT BE COMPROMISED. CUSTOMER UNDERSTANDS THAT THE SERVICE MAY NOT BE ERROR FREE, AND USE MAY BE INTERRUPTED.**

   d. **Guaranteed Time to Repair.** Criterion shall provide an initial Time to Repair guarantee (Appendix A) on all Customer services requests in which Criterion has the sole ability to fix the issue. Customer must follow the procedure as outlined in the Support & Maintenance Terms to notify Criterion.

4. **PAYMENT**. Customer must pay all fees as specified on the Software Services Order Form and Professional Services and Hardware Order Form which are included as attachments to this agreement., but if not specified then within 30 days of receipt of an invoice. Customer is responsible for the payment of all sales, use, withholding, VAT and other similar taxes. This agreement contemplates one or more orders for the Service, which orders are governed by the terms of this agreement.

5. **MUTUAL CONFIDENTIALITY.**

   a. **Definition of Confidential Information**. Confidential Information means all non-public information disclosed by a party (**Discloser**) to the other party (**Recipient**), whether orally or in writing, that is designated as confidential or that reasonably should be understood to be confidential given the nature of the information and the circumstances of disclosure (**Confidential Information**). Criterion's Confidential Information includes without limitation the Service (including without limitation the Service user interface design and layout, and pricing information).

   b. **Protection of Confidential Information**. The Recipient must use the same degree of care that it uses to protect the confidentiality of its own confidential information (but in no event less than reasonable care) not to disclose or use any Confidential Information of the Discloser for any purpose outside the scope of this agreement. The Recipient must make commercially reasonable efforts to limit access to Confidential Information of Discloser to those of its employees and contractors who need such access for purposes consistent with this agreement and who have signed confidentiality agreements with Recipient no less restrictive than the confidentiality terms of this agreement.

c. **Exclusions**. Confidential Information *excludes* information that: (i) is or becomes generally known to the public without breach of any obligation owed to Discloser, (ii) was known to the Recipient prior to its disclosure by the Discloser without breach of any obligation owed to the Discloser, (iii) is received from a third party without breach of any obligation owed to Discloser, or (iv) was independently developed by the Recipient without use or access to the Confidential Information. The Recipient may disclose Confidential Information to the extent required by law or court order, but will provide Discloser with advance notice to seek a protective order. Notwithstanding any of the foregoing confidentiality provisions in this Paragraph 5, all parties expressly agree to abide by the Minnesota Government Data Practices Act, Minnesota Statutes Chapter 13, and any all other state and federal law pertaining to government data practices.

6. **CRITERION PROPERTY**.

a. **Reservation of Rights**. The software, workflow processes, user interface, designs and other technologies provided by Criterion as part of the Service are the proprietary property of Criterion and its licensors, and all right, title and interest in and to such items, including all associated intellectual property rights, remain only with Criterion. Customer may not remove or modify any proprietary marking or restrictive legends in the Service. Criterion reserves all rights unless expressly granted in this agreement.

b. **Restrictions**. Customer *may not* (i) sell, resell, rent or lease the Service or use it in a service provider capacity; (ii) use the Service to store or transmit infringing, unsolicited marketing emails, libelous, or otherwise objectionable, unlawful or tortious material, or to store or transmit material in violation of third-party rights; (iii) interfere with or disrupt the integrity or performance of the Service; (iv) attempt to gain unauthorized access to the Service or their related systems or networks; (v) reverse engineer the Service; or (vi) access the Service to build a competitive service or product, or copy any feature, function or graphic for competitive purposes.

c. **Anonymized Data.** During and after the term of this agreement, Criterion may use and owns all anonymized data within the Service for purposes of enhancing the Service, aggregated statistical analysis, technical support and other business purposes.

7. **TERM AND TERMINATION.**

a. **Term**. This agreement shall be effective for a period of 2 years from the Service Start Date (listed as the Order Date) as agreed on in the Software Services Order Form (attached). Either party may terminate this agreement for convenience by providing no less than ninety (90) days' prior written notice to the other party. In the event the Customer terminates this agreement for convenience prior to the end of the initial term, Customer agrees to pay an amount equal to the balance of the term calculated based on the minimum specified employees

b. **Mutual Termination for Material Breach.** If either party is in material breach of this agreement, the other party may terminate this agreement at the end of a written 30-day notice/cure period, if the breach has not been cured.

c. **Return of Customer Data.**

- *For up to 60-days after termination,* Criterion will make the Service available for Customer to export Customer Data as provided in Section 2(a).
- *After such 60-day period,* Criterion has no obligation to maintain the Customer Data and may destroy it.

d. **Return Criterion Property Upon Termination**. Upon termination of this agreement for any reason, Customer must pay Criterion for any unpaid amounts, and destroy or return all property of Criterion. Upon Criterion's request, Customer will confirm in writing its compliance with this destruction or return requirement.

e. **Suspension for Violations of Law.** Criterion may temporarily suspend the Service or remove the applicable Customer Data, or both, if it in good faith believes that, as part of using the Service, Customer has violated a law. Criterion will attempt to contact Customer in advance.

8. **LIABILITY LIMIT**.

a. **EXCLUSION OF INDIRECT DAMAGES**. **Criterion is not liable for any indirect, special, incidental or consequential damages arising out of or related to this agreement (including, without limitation, costs of delay; loss of data, records or information; and lost profits, revenue or anticipated cost savings), even if it knows of the possibility of such damage or loss.**

b. **TOTAL LIMIT ON LIABILITY**. **[Except for Criterion's indemnity obligations,] Criterion's total liability arising out of or related to this agreement (whether in contract, tort or otherwise) does not exceed the amount paid by Customer within the 12 month period prior to the event that gave rise to the liability.**

9. **INDEMNITY**.

a. **Defense of Third Party Claims.** Criterion will defend or settle any third party claim against Customer to the extent that such claim alleges that Criterion technology used to provide the Service violates a copyright, patent, trademark or other intellectual property right, if Customer, promptly notifies Criterion of the claim in writing, cooperates with Criterion in the defense, and allows Criterion to solely control the defense or settlement of the claim. ***Costs.*** Criterion will pay infringement claim defense costs incurred as part of its obligations above, and Criterion negotiated settlement amounts, and court awarded damages. ***Process.*** If such a claim appears likely, then Criterion may modify the Service, procure the necessary rights, or replace it with the functional equivalent. If Criterion determines that none of these are reasonably available, then Criterion may terminate the Service and refund any prepaid and unused fees. ***Exclusions.*** Criterion has no obligation for any claim arising from: Criterion's compliance with Customer's specifications; a combination of the Service with other technology or aspects where the infringement would not occur but for the combination; Use of Customer Data; or technology or aspects not provided by Criterion. THIS

SECTION CONTAINS CUSTOMER'S EXCLUSIVE REMEDIES AND CRITERION'S SOLE LIABILITY FOR INTELLECTUAL PROPERTY INFRINGEMENT CLAIMS.

b. **By Customer.** If a third-party claims against Criterion that any part of the Customer Data infringes or violates that party's patent, copyright or other right, Customer will defend Criterion against that claim at Customer's expense and pay all costs, damages, and attorney's fees, that a court finally awards or that are included in a settlement approved by Customer, provided that Criterion: promptly notifies Customer in writing of the claim; and allows Customer to control, and cooperates with Customer in, the defense and any related settlement.

10. **GOVERNING LAW AND FORUM.** This agreement is governed by the laws of the State of Minnesota (without regard to conflicts of law principles) for any dispute between the parties or relating in any way to the subject matter of this agreement. Any suit or legal proceeding must be exclusively brought in the federal or state courts for Ramsey County, Minnesota, and Customer submits to this personal jurisdiction and venue. Nothing in this agreement prevents either party from seeking injunctive relief in a court of competent jurisdiction. The prevailing party in any litigation is entitled to recover its attorneys' fees and costs from the other party.

11. **OTHER TERMS**.

a. **Entire Agreement and Changes.** This agreement and the included attachments constitute the entire agreement between the parties and supersede any prior or contemporaneous negotiations or agreements, whether oral or written, related to this subject matter. Customer is not relying on any representation concerning this subject matter, oral or written, not included in this agreement. No representation, promise or inducement not included in this agreement is binding. No modification of this agreement is effective unless both parties sign it, and no waiver is effective unless the party waiving the right signs a waiver in writing.

b. **No Assignment.** Neither party may assign or transfer this agreement or an order to a third party, except that this agreement with all orders may be assigned, without the consent of the other party, as part of a merger, or sale of substantially all the assets, of a party.

c. **Independent Contractors**. The parties are independent contractors with respect to each other.

d. **Enforceability and Force Majeure**. If any term of this agreement is invalid or unenforceable, the other terms remain in effect. Except for the payment of monies, neither party is liable for events beyond its reasonable control, including, without limitation force majeure events.

e. **Money Damages Insufficient**. Any breach by a party of this agreement or violation of the other party's intellectual property rights could cause irreparable injury or harm to the other party. The other party may seek a court order to stop any breach or avoid any future breach.

f. **No Additional Terms.** Criterion rejects additional or conflicting terms of any Customer form-purchasing document.

g. **Order of Precedence**. If there is an inconsistency between this agreement and an order, the order prevails.

h. **Survival of Terms**. Any terms that by their nature survive termination of this agreement for a party to assert its rights and receive the protections of this agreement, will survive (including without limitation, the confidentiality terms). The UN Convention on Contracts for the International Sale of Goods does not apply.

i. **Feedback**. If Customer provides feedback or suggestions about the Service, then Criterion (and those it allows to use its technology) may use such information without obligation to Customer.

City of Roseville, Minnesota (Customer)	**Criterion Inc. (Criterion)**
Signature:	**Signature:**
Printed Name:	**Printed Name:**
Title:	**Title:**
Date:	**Date:**
Address:	**Address:** 501 Merritt 7, Norwalk, CT 06851

APPENDIX A

1. **Time to Repair**

a. Should the Customer notify Criterion of an issue that is unable to be resolved by the Customer and requires a fix by Criterion, the following Time to Repair schedule will be followed. The table listed on the Support & Maintenance Terms attachment shall include the following **Time to Repair** as identified below. Customer must clearly note the Severity in the subject of the email.

Severity	Time to Repair
Urgent	Fixed within 1 hour of Response Goal. If "fix" cannot be accomplished within 1 hour, Criterion will notify Customer with an estimated fix time.
High	Fixed within 2 hours of Response Goal. If "fix" cannot be accomplished within 2 hours, Criterion will notify Customer with an estimated fix time.
Normal	Fixed within 8 hours or 1 business day of Response Goal. If "fix" cannot be accomplished within 1 business day, Criterion will notify Customer with an estimated fix time.
Low	Fixed within 2 business days of Response Goal. If "fix" cannot be accomplished within 2 business days, Criterion will notify Customer with an estimated fix time.

b. **Service Credit:** Failure to meet Time to Repair or estimate fix time that is provided will result in a Service Credit of 5% of the monthly fee for the month of the failure. To receive a service credit for a particular calendar month, Customer must submit a claim by email to the support team within 30 days of the end of the month during which the Time to Repair did not meet the service level and include the following information:

i. Customer Name;
ii. The name of the service to which the claim relates
iii. Information supporting each claim of Time to Repair, a description of the incident, all of which must fall within the calendar month for which you are submitting a claim. If customer does not submit the claim within such 30-day time period, then the claim is waived.

2. **Definitions**

a. Critical Functions: shall include the following:
i. Downtime,
ii. Open Enrollment process
iii. Accuracy of calculations, including benefit incentive and cafeteria plan funding
iv. Accuracy of Affordable Care Act data
v. Reporting Deadlines
vi. Annual rollover of pay data and benefits
vii. Accuracy of Job data and pay calculations

Criterion

Software Services Order Form

203-703-9000
501 Merritt 7
Norwalk, CT 06851

Order Date: 5/2/2018

Description	Quantity	Price (PEPM)	Months	Subtotal
HR and Self Service	225	$6.50	3	$4,387.50
Annual Security Fee (per quarter)	1	$25.00	3	$75.00
Total				**$4,462.50**

Term: 2 years

Billing: Quarterly in advance, the invoice dates will be synchronized with current invoicing periods and this order will replace the current order for previous edition of the software.

PEPM *means* Per Employee Per Month

Renewals: This order renews for additional 1 year periods, unless either party provides the other with written (including email) notice of non-renewal at least 60 days prior to the renewal date.

Terms: This order is governed by the terms of the Subscription Services Agreement between the parties, which terms are incorporated into this order for all purposes. If there is a conflict between the terms of this order and the agreement, this order governs. This order and the agreement are the entire agreement between the parties, and they supersede and replace all prior and contemporaneous negotiations, agreements, representations and discussions regarding this subject matter. Only a signed writing of the parties may amend this order.

City of Roseville, Minnesota /Customer

By: _____

Name: _____

Title: _____

Date: _____

Address: _____

Criterion Inc.

By: _____

Name: _____

Title: _____

Date: _____

Professional Services and Hardware Order Form

203-703-9000
501 Merritt 7
Norwalk, CT 06851

Order Date: 5/2/2018

Description	Quantity	Price	Subtotal
Standard HR and Self Service Implementation	1	WAIVED	WAIVED
Custom Report Migration (per hour)	10	$175.00	$1,750.00
Training (Hours)	4	$175.00	$700.00
Total			**$2,450.00**

Billing: 50% due on signing. Balance on professional services is due when work is substantially complete. Balance on Hardware is due on delivery.

Terms: This order is governed by the terms of the Subscription Services Agreement between the parties, which terms are incorporated into this order for all purposes. If there is a conflict between the terms of this order and the agreement, this order governs. This order and the agreement are the entire agreement between the parties, and they supersede and replace all prior and contemporaneous negotiations, agreements, representations and discussions regarding this subject matter. Only a signed writing of the parties may amend this order.

City of Roseville, Minnesota /Customer

By: _____

Name: _____

Title: _____

Date: _____

Address: _____

Criterion Inc.

By: _____

Name: _____

Title: _____

Date: _____

Support & Maintenance Terms

Phone Support: 8:30 am to 5 pm EST (Monday – Friday) (excluding company holidays)

Support Phone: (203) 703-9000

Support Email: help@criterionhcm.com

Case Logging:
- Telephone Support
- Email Support

Software service maintenance, which includes maintenance releases, enhancements, new versions, additions and modifications to the service, that it provides to all other customers under support for no additional fee.

Bug fixes to bring the service into substantial conformance with its then current user guide.

Scheduled Outages: Usually scheduled during Saturday 1:00 PM to 5:00 PM EST and customers are usually notified via Email.

Resolution Process:
- Trouble Ticket opened
- Assign engineer to determine and correct the error
- Periodic reports on the status of the correction
- Initiate work to correct the error

SEVERITY	DEFINITION	RESPONSE GOAL	DETAILS
Urgent	Critical functions of the Criterion Services are unavailable. There is significant business impact. Subscriber cannot reasonably circumvent or workaround.	1 Actual Hour (Must be reported by phone)	- **Trouble Ticket opened** - **Assign engineer** to determine and correct the error - **Periodic reports** on the status of the correction - **Initiate work** to correct the error
High	Critical functions of the Criterion Services are noticeably impaired or performance is degraded. Subscriber cannot circumvent or workaround.	4 Business Hours	- **Trouble Ticket opened** - **Assign engineer** to determine and correct the error - **Periodic reports** on the status of the correction - **Initiate** work to correct the error
Normal	Non-critical functions of your application are experiencing errors or abnormalities exist. Subscriber can circumvent or workaround the problem. Subscriber may also have a time-sensitive usage question.	1 Business Day	- **Trouble Ticket opened** - **Assign engineer** to determine and correct the error - **Periodic reports** on the status of the correction - **Initiate** work to correct the error
Low	Subscriber has a general usage question, or would like to log a feature request.	2 Business Days	- Commercially reasonable efforts to **include in next major release**

Service Level Agreement (SLA)

This Service Level applies to and is incorporated by reference into the Software Services Agreement made by and between Criterion and the Customer.

Availability: Service will be operational and available to Customer at least **99.9%** of the time in any calendar month.

Monthly Uptime Percentage	**Service Credit**
<99.9% but >= 99.5%	5% of the monthly fee
<99.5% but >= 99.0%	10% of the monthly fee
<99.0%	20% of the monthly fee

Response Time: Service will maintain the following response times. **Service Credit**: 10% of the monthly fee for the month of the failure.

Action	**Response Time**
Simple actions such as opening selection boxes and expanding tree views and closing forms.	2 seconds
Medium complexity actions such as switching between views, opening dialog boxes, clicking on the "Apply" button.	6 seconds
Web page load times	8 seconds
Running a report and displaying the results on a screen.	60 seconds

Database Restoration: If the Customer desires to restore from a backup, the system will be restored and fully operational within 4 hours. **Service Credit**: 10% of the monthly fee for the month of the failure.

User Satisfaction Rating: Criterion measures customer satisfaction rating on every ticket opened by the Customer. Criterion will ensure a 90% satisfaction rating in any calendar year. **Service Credit**: 1% of the annual fee for the year of the failure.

Definitions.

Downtime *means* the time in which any service listed in the applicable order is not capable of being accessed by Customer, as monitored by Criterion.

Monthly Uptime Percentage *means* the total number of minutes in a calendar month minus the number of minutes of Downtime suffered in a calendar month, divided by the total number of minutes in a calendar month.

Exclusion from Downtime

- Service unavailability caused by scheduled maintenance of the platform used to provide the applicable service (Schedule is posted on the support portal and customers are usually notified via Email); or
- Service unavailability caused by events outside of the direct control of Criterion, including any force majeure event, the failure or unavailability of Customer's systems, the Internet, and the failure of any other technology or equipment used to connect to or access the service.

Claim Procedure: To receive a service credit for a particular calendar month, Customer must submit a claim by email to the support team within 30 days of the end of the month during which the Service did not meet the SLA, and include the following information:

- Customer name;
- the name of the service to which the claim relates;
- information supporting each claim of Downtime, including date, time, and a description of the incident and affected service, all of which must fall within the calendar month for which you are submitting a claim.

If Customer does not submit the claim within such 30-day time period, then the claim is waived.

THIS SLA AND APPENDIX A STATES CUSTOMER'S SOLE AND EXCLUSIVE REMEDY FOR ANY FAILURE BY CRITERION TO PROVIDE THE SERVICE UNDER THE TERMS ABOVE.