

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 staff	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, and staff, 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, and staff, 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					
<p>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.</p>	<p>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.</p>	<p>Parks and Recreation staff</p>	<p>Short-term</p>		<p>City funds</p>
	<p>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.</p>	<p>Parks and Recreation staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds</p>
	<p>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.</p>	<p>Parks and Recreation staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds, grants, fees, contributions, use of volunteers</p>
	<p>Consider staffing and resource needs in the evaluation of proposals for additions to parks, programs, and facilities.</p>	<p>Parks and Recreation staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds, fees and charges, contributions</p>
	<p>Use the Sector and Constellation organization structure as the basis for park, recreation program, and facility locations, development, and service delivery.</p>	<p>Parks and Recreation staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds</p>

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 (\$)
<p>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.</p>	<p>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.</p>	<p>Parks and Recreation, and Community Development staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds, park dedication, contributions, grants</p>
	<p>Determine potential locations and acquire additional park land in neighborhoods and constellations that are lacking adequate parks and recreation facilities.</p>	<p>Parks and Recreation, and Community Development staff</p>	<p>Long-term</p>		<p>City funds, park dedication, bonding, contributions, grants</p>
	<p>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.</p>	<p>Parks and Recreation, and Community Development staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds, park dedication, bonding, contributions, grants</p>
	<p>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.</p>	<p>Parks and Recreation staff</p>	<p>Short-term</p>	<p>X</p>	<p>City funds, park dedication, contributions, grants</p>
	<p>Use park dedication funds to acquire and develop new land in addition to other funding sources.</p>	<p>Parks and Recreation staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds, grants, park dedication</p>
	<p>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.</p>	<p>Parks and Recreation staff</p>	<p>Long-term</p>		<p>City funds, park dedication, bonding, contributions, grants</p>

Goal	Action or Strategy	Who	When	Ongoing?	How (\$)
<p>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.</p>	<p>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.</p>	<p>Parks and Recreation Public Works, and Community Development staff</p>	<p>Short-term</p>		<p>City funds, park dedication, contributions, grants</p>
	<p>Develop, adopt, and implement a Trails Management Program (TMP).</p>	<p>Parks and Recreation and Public Works staff</p>	<p>Short-term</p>		<p>City funds, grants, park dedication</p>
	<p>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.</p>	<p>Parks and Recreation and Public Works staff</p>	<p>Short-term</p>		<p>City funds, grants, park dedication</p>
	<p>Maintain the trail and pathway system through all seasons.</p>	<p>Parks and Recreation, and Public Works staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds</p>
	<p>Make the park system accessible to people of all abilities.</p>	<p>Parks and Recreation and Public Works staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds, grants</p>

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 (\$)
	<p>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.</p>	<p>Parks and Recreation staff</p>	<p>Ongoing</p>	<p>X</p>	<p>City funds, grants, contributions</p>

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 on City 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	<p>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:</p> <ul style="list-style-type: none"> • 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					
<p>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.</p>	<p>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:</p> <ul style="list-style-type: none"> • 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: <ul style="list-style-type: none"> ○ 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. 	<p>Public Works staff</p>	<p>Short-term</p>		<p>City funds, grants</p>

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 <i>Population Vulnerability Assessment and Climate Adaptation Framework</i> , 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 Watershed District	Ongoing	X	Water Utility Fund Watershed District
	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 Watershed Districts	Short-term		Stormwater Utility Fund Watershed Districts
	Fernwood Trunk Storm Sewer – St. Rose of Lima Underground	Public Works staff	Short-term		Stormwater Utility Fund

Goal	Action or Strategy	Who	When	Ongoing?	How (\$)
Surface Water Management					
	Fernwood Trunk Storm Sewer – Keller - Mayflower Underground	Public Works staff	Mid-term		Stormwater Utility Fund
	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/CRCountry 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