





Chapter 15

IMPLEMENTATION

The 2040 Comprehensive Plan provides guidance for making decisions about the community's future growth, redevelopment, and infrastructure investments. It is the City's most important tool, but its goals, policies, and actions can only achieve the community's vision for the future if the Plan is used. Using the Comprehensive Plan requires striking a balance between adhering to the enduring values described in the Plan and adapting to conditions that will change over the life of this Plan. Implementation of city-led initiatives will also involve further planning and budgeting to ensure new actions can be fully achieved and sustained over time.

ROLES & RESPONSIBILITIES

Maplewood has established multiple advisory boards and commission to guide decision-making and provide an opportunity for citizen involvement. Each of these boards and commissions has a role in the implementation of the 2040 Comprehensive Plan. While ultimately the City Council has the final decision-making and policy-establishing authority, each of the boards and commission provide valuable advisory insight in their area of expertise. Currently the City's boards and commissions include:

- » Community Design Review Board
- » Environmental & Natural Resources Commission
- » Heritage Preservation Commission
- » Housing and Economic Development Commission
- » Parks and Recreation Commission
- » Planning Commission
- » Police Civil Service Commission
- » Policy Advisory Commission

Use of the Plan

The Plan as a Guide to Decision Making

The plan will be used by the City in the day to day operations of local government. City Staff will reference plan goals and policies to support elected and appointed officials in carrying out their responsibilities in making key decisions relative to public investments, plans and studies, growth, and redevelopment. Requests for land use applications and development projects will be evaluated based on consistency with the plan.

The Plan as a Marketing Tool

The ideas represented in the 2040 Comprehensive Plan include a number of strategies that will require coordinated efforts by many different public, private, and non-profit entities. As an adopted policy plan, the 2040 Comprehensive Plan can help solidify the support, commitment, and collaboration needed to mobilize the community. The plan should be referenced, celebrated and promoted both within the community and to the region. In essence, the plan becomes the document that is provided to prospective businesses, residents or investors or potential grantors/philanthropists.

The Plan as a “To-Do List”

The 2040 Comprehensive Plan is the City's to-do list. Actions listed in each chapter should serve as a resource for city departments, boards, and commissions as they establish and review annual work programs. A consolidated list of all actions is provided at the end of this chapter for easy reference (Note: This will be added once the plan has been through its six-month adjacent review to ensure that final wording on all actions is included).

Implementation Tools

Annual Review and Amendments

To ensure that the Comprehensive Plan remains a useful tool for guiding growth, it will be periodically monitored and modified to reflect changing conditions and to correct errors identified through its implementation. Any amendments will be completed using the process outlined in state statutes and the City Code.

Policy Plans

The 2040 Comprehensive Plan refers to other policy plans that the City of Maplewood uses to guide city systems, actions, and investments. These plans include the Sanitary Sewer Plan (is there a separate plan?), Surface Water Management Plan, Parks and Recreation System Master Plan, These plans serve as ongoing tools for implementing the goals and policies in the

Comprehensive Plan. These plans may be updated and modified without updating the Comprehensive Plan.

Note that additional tools specific to housing are included in Chapter 6 Housing

Current and Future Studies

The City uses technical studies as tools for implementing the Comprehensive Plan. Current studies that will continue to provide direction to the City include the Rice-Larpenreur Vision Plan, the Gladstone Redevelopment Plan, and the League of Women Voters Affordable Housing Study. The City will continue to use these and additional studies to provide the information needed to implement the Comprehensive Plan. Future studies may ultimately lead to Comprehensive Plan amendments.

Official Controls

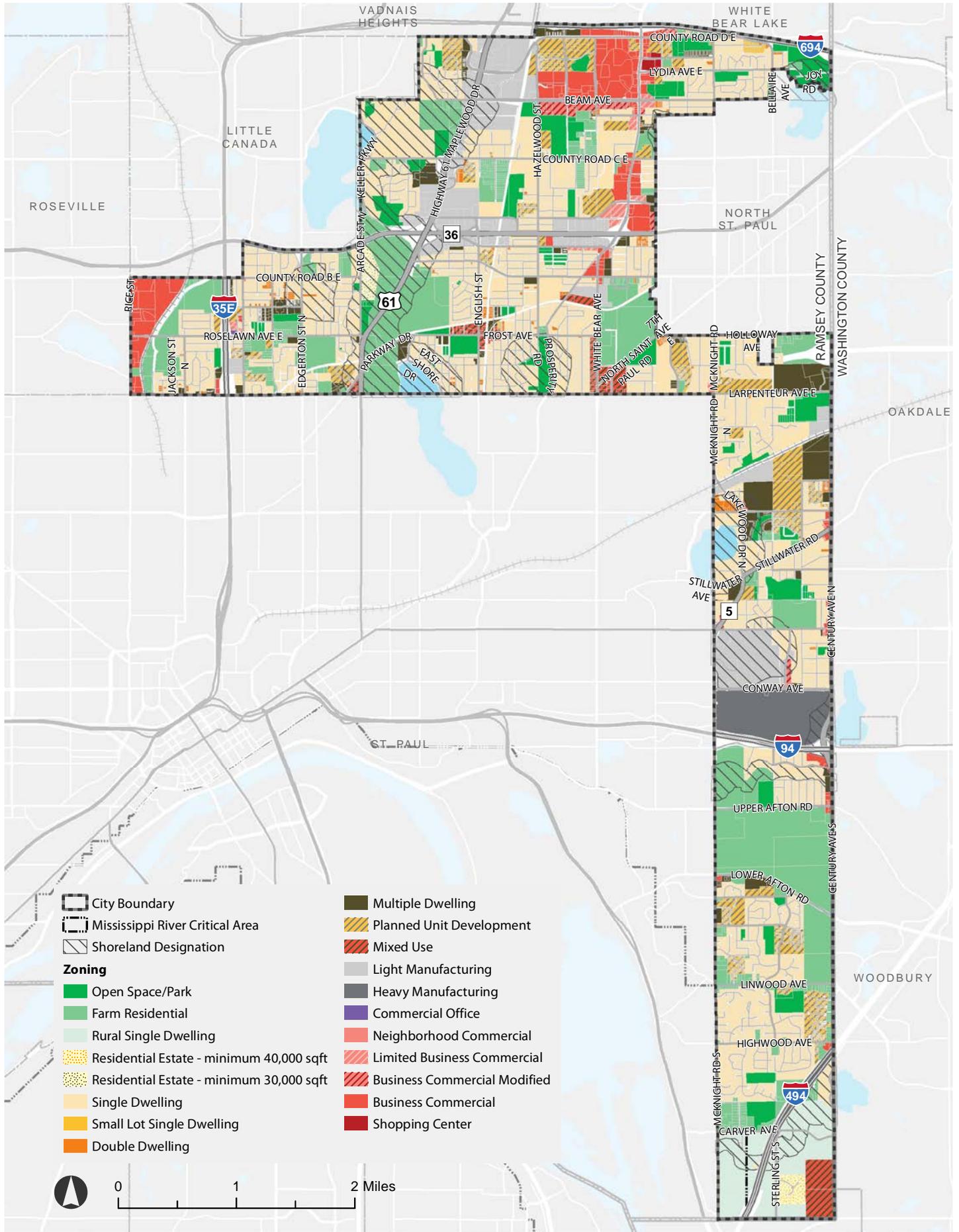
Official controls are key tools for implementing the 2040 Comprehensive Plan and must be consistent with the Comprehensive Plan. The City's Official Controls can be found in the City's Code of Ordinances. Examples of the official controls that will be used for the implementation of the comprehensive plan include: zoning (chapter 44), subdivisions (chapter 34), utilities, including sewer, water, and individual sewage disposal systems (chapter 40). A review of the official controls for conformance with the 2040 Comprehensive Plan will occur once adopted. Modifications will be made as needed by 2021.

Implementation of the 2040 Comprehensive Plan will require a review and update of the City's existing Mixed Use Zoning District to address differences between the three mixed use land use designations. Otherwise, the City's existing zoning districts, as listed below, are in conformance with the future land use plan.

Table 15-1. Existing Zoning Districts

Abbreviation	Zoning District
OSP	Open space and parks
F	Farm residence district
R-1	Residence district (single dwelling)
R-1R	Rural conservation dwelling district
R-1S	Small-lot single-dwelling district
R-2	Residence district (double dwelling)
R-3	Residence district (multiple dwelling)
R-E	Residence estate district
NC	Neighborhood commercial district
CO	Commercial office district
BC	Business commercial district
LBC	Limited business commercial district
BC(M)	Business commercial modified district
SC	Shopping center district
M-1	Light manufacturing district
M-2	Heavy manufacturing district
MU	Mixed use zoning district

Figure 15-1. Zoning



While the zoning districts and land use categories are generally consistent, the official zoning map will need to be modified to reflect changing land use designations. Amendments to the zoning regulations and the official zoning map will be made within 9 months of the adoption of the 2040 Comprehensive Plan.

Economic Development Levy

The City's Economic Development Authority has the ability to levy for funding to support economic development initiatives.

Capital Improvement Plan

State Law requires that the implementation program for the Comprehensive Plan contain a capital improvement program for transportation, sewers, parks, water supply and open space facilities. The 2040 Comprehensive Plan serves as the foundation for ongoing capital improvements planning by the City. The City has created a capital improvements plan (CIP) that matches the estimated project costs over a five-year period with funding sources. The CIP allows the City to prioritize projects and to make best use of available revenues. By looking at future needs, the City is better able to find funding sources to fill gaps and to coordinate projects with other jurisdictions. The CIP is updated and approved annually. The City's adopted CIP is included as an appendix to the Comprehensive Plan.

To find the latest and complete CIP and budget documents see <http://www.maplewoodmn.gov/finance>.

Coordination of Actions

In addition to capital improvements, there are statutory requirements for coordinating acquisition and disposition of public lands and the use of tax increment financing. According to State Law (M.S. Section 462.356, Subd. 2), publicly owned land within the City cannot be acquired or disposed of until a finding has been made as to compliance with the Comprehensive Plan. Tax increment financing (TIF) is the only finance tool formally tied to the Comprehensive Plan. As a matter of policy, similar evaluation applies to other forms of public financial assistance. In agreeing to provide financial assistance to private development, it is reasonable that the City Council determine that the development furthers the objectives of the Comprehensive Plan.

Partnerships

Implementation of the Comprehensive Plan will require cooperation and coordination with many other local governments, agencies, organizations, and businesses.

Public Education and Outreach

Implementation of the Comprehensive Plan affects the whole community. Public outreach allows interested and affected individuals and organizations to have the opportunity to participate in the decision-making process. The City has a number of public education and outreach tools available including the City newsletter; the City's website, special mailings and publications; public hearings; community or neighborhood meetings; and workshops. The City will use these tools to involve the public in the Comprehensive Plan implementation process.

List of Plan Actions

Land Use

1. Amend the Zoning Map to align it with the 2040 Future Land Use Plan.
2. Develop new zoning districts to implement the Mixed Use categories of the 2040 Comprehensive Plan.
3. Complete a subarea plan or district plan for the Maplewood Mall area, to help define the following:
 - a. Expectations regarding anticipated mixes of land uses on a block by block basis.
 - b. Expectations regarding urban design principles guiding redevelopment in the area.
 - c. Opportunities for connections and synergy with the HealthEast St. Johns campus and surrounding supportive health care facilities.
 - d. Improvements to support pedestrian, bicycling, and transit connectivity, particularly the METRO Rush Line stations.
 - e. Further definition of implementation tools and steps to be completed, to support redevelopment and revitalization.
4. Rezone the Maplewood Mall area as a mixed-use community designation (including the definition of anticipated densities and other requirements) in order to proactively guide future development.
5. Lead targeted marketing efforts to identify developers and new uses for redevelopment in the Maplewood Mall area consistent with the comprehensive plan.
6. Form effective partnerships with private investors and other governmental agencies to undertake redevelopment efforts.
7. Rezone areas around the two employment centers as mixed-use (including the definition of anticipated densities and other requirements) in order to proactively guide future development.
8. Work with 3M and the hospital to proactively explore redevelopment ideas for properties near the two employment centers, including marketing efforts to identify potential developers and new uses for redevelopment in these areas, consistent with the comprehensive plan.
9. Conduct planning meetings or work sessions with the hospital and 3M (separately) on a regular basis to review facilities needs for the two entities and how redevelopment within the two employment centers may proceed.
10. Rezone neighborhood retail shopping centers and corridors as mixed-use nodes, in order to make entitlements of potential projects easier and to guide the parameters for new development (including items such as required density, setbacks, etc.). Provide flexibility such that nodes can be all commercial, all residential, or a mix of residential and commercial.
11. Promote potential mixed-use nodes and redevelopment corridors to the local development community as opportunity areas for a variety of redevelopment options, including retail, residential, and office uses.
12. Implement the Rice Larpenteur Vision Plan.

13. Revisit the Hillcrest Village study in collaboration with the City of St. Paul.
14. Implement the Gladstone Redevelopment Plan.
15. Advocate for Maplewood's needs and desires in the station area planning for the METRO Rush and METRO Gold Lines. For both transit lines, the City seeks to ensure there is safe and convenient pedestrian and bicycle access to the stations from all directions. For METRO Gold Line, this would include a bridge over Interstate 94 that can serve the neighborhoods to the south and connect the station to regional resources like Battle Creek Regional Park and beyond.
16. Develop a Lions Park Neighborhood Master Plan once construction commences on the METRO Gold BRT Line. Use a taskforce with representation from the neighborhood in the development of the master plan.
17. Collaborate with the cities of Woodbury and Newport on master planning for the proposed mixed use node in the southeast corner of the City.
18. Review zoning ordinance to identify and remove barriers that prevent a variety of housing styles, types, lot sizes, and densities to be developed in new neighborhoods or as infill in existing neighborhoods.
19. Create zoning regulations to accommodate the development of limited retail uses (such as corner stores) and institutional uses within residential neighborhoods.

List of Plan Actions

Critical Area Plan

1. Amend existing MRCCA ordinance/overlay district consistent with the MRCCA plan, and with MRCCA rules, MR 6106.0070, Subp. 5 – Contents of Ordinances.
2. Amend zoning map to reflect new districts.
3. Incorporate specific design and placement conditions that minimize impacts to PCAs and PRCVs into local permits for solar and wind generation facilities and essential and transmission services.
4. Establish procedures and criteria for processing applications to ensure compliance with MRCCA dimensional and design standards and to evaluate potential impacts to PCAs and PRCVs, including:
 - a. Identifying the information that must be submitted and how it will be evaluated,
 - b. Determining appropriate mitigation procedures/methods for variances and CUPs, and
 - c. Establishing evaluation criteria for protecting PCAs when a development site contains multiple PCAs and the total area of PCAs exceed the required set aside percentages.
5. Develop administrative procedures for integrating DNR and local permitting of riprap, walls, and other hard armoring.
6. Actively communicate with other communities to protect views they have identified in Maplewood that are valuable, and vice versa.
7. Establish a vegetation permitting process that includes permit review procedures to ensure consideration of restoration priorities identified in this plan in permit issuance, as well as standard conditions requiring vegetation restoration for those priority areas.
8. Establish a process for evaluating priorities for natural vegetation restoration, erosion prevention, and bank and slope stabilization, or other restoration priorities identified in this plan in CUP, variances, and subdivision/PUD processes.
9. Develop a system for reviewing, tracking, and monitoring open space required as part of the subdivision process.
10. Ensure that information on the new MRCCA districts and zoning requirements, and the location of PCAs, PRCVs, and restoration priorities is readily available to property owners to help them understand which ordinance requirements - such as setbacks, height, vegetation management, and land alteration permits - apply to their property for project planning and permitting. Specific actions may include:
 - a. Develop an outreach and communication strategy to alert MRCCA property owners of new districts and zoning requirements and the location of PCAs, PRCVs, and restoration priorities.
 - b. Develop web materials (mapping applications, FAQs, handouts, and other materials) to help property owners identify if their property is in the MRCCA and what regulations apply.
 - c. Provide information to residents and park and facility users that

these facilities are in the MRCCA, including information on what the MRCCA is and ways in which the resources are being protected.

11. Include capital improvement projects (trails, overlooks, public access, and other recreational facilities) within the MRCCA in Maplewood's Capital Improvement Plan.
12. Include transportation facilities in the capital improvement program.
13. Coordinate with regional, state, and national park planning efforts within the MRCCA.
14. Conduct planning efforts to identify opportunities to connect to neighboring planned trails such as those identified in St. Paul's Great River Passage Plan.

List of Plan Actions

Housing

1. Identify areas for potential housing redevelopment and rehabilitation.
2. Perform annual “windshield surveys” of housing and site conditions to identify urgent housing issues or needs.
3. Use education to increase awareness of general community standards for housing maintenance and improvement.
4. Provide consultative services for home repairs, as well as resources to help homeowners navigate potential funding sources, application processes, and the hiring of contractors.
5. Leverage community partners and volunteers to support rehabilitation and maintenance work. Examples of initiatives may include “adopt a family”.
6. Create a remodeling handbook for homeowners for both internal remodeling and external landscaping / façade work, as well as historic building restoration.
7. Market available resources and services to support housing rehabilitation and redevelopment through the City’s website, direct outreach, and community events.
8. Establish and promote targeted funding programs to support housing rehabilitation of both owner-occupied and rental properties.
9. Partner with agencies and community groups to institute quality of life improvements at distressed housing sites and encourage reinvestment in older properties to maintain their appearance, functionality, and value.
10. Leverage redevelopment tools to revitalize aging residential properties, through the use of various programs through federal, state, and local governments, and non-profit agencies.
11. Streamline permitting and development processes to ease the rehabilitation or improvement of existing homes and reduce the impacts of these processes on the price of entry-level homes.
12. Explore partnership opportunities to replace what the City had with the Greater Metropolitan Housing Corporation (GMHC), such as the Minnesota Housing Ownership Center.
13. City staff will review the mixture of housing in Maplewood at least every five years, in order to identify gaps in the provision of housing for people at different income and age levels in the community. This review will also examine gaps in the housing supply for different racial and ethnic groups in the community.
14. Encourage developers to provide a variety of living choices within neighborhoods.
15. Review and revise zoning and subdivision regulations as needed to encourage a mix of housing types and prices in development projects (possible changes include revisions to minimum lot sizes, parking requirements, minimum floor areas, street design, and stormwater management techniques).
16. Update ordinances to maintain housing functionality and livability and to

address new technologies, market trends, and resident needs.

17. Work with developers and community organizations to supply more senior housing, particularly subsidized housing options.
18. Periodically assess the needs of diverse populations via community outreach like surveys and meetings.
19. Review and revise as needed ordinances to promote the development of multi-generational housing design. These housing designs may include the development of multiple independent buildings on a single site, the development of accessory units, or the conversion of garage units to housing units.
20. Promote the development of live-work housing units where feasible, in order to increase the diversity of the housing mix in Maplewood.
21. Designate higher densities in mixed use as a means to support development of affordable housing.
22. Partner with Metropolitan Council and other agencies and programs to provide support programs and services for affordable housing in Maplewood.
23. Partner with Metropolitan Council and other agencies and programs to provide funding assistance (to developers, and also to those in need of housing) to provide for affordable housing units in the community.
24. Partner with local organizations and property owners to support preservation of and reinvestment in local manufactured home parks.
25. Explore an inclusionary zoning policy.
26. Promote the development of housing along transit corridors, as well as in major regional campus areas like Maplewood Mall, HealthEast St. Johns, and 3M.
27. As part of the site plan review process, city staff will review how potential developments provide for effective linkages between housing and nearby community services and amenities.
28. The City will adopt green building standards for housing as part of its development code.
29. Work to maintain and improve the quality of police and fire services in order to maintain the vitality of Maplewood neighborhoods.
30. Actively pursue necessary street maintenance projects to main the vitality of Maplewood neighborhoods.

List of Plan Actions

Economic Development

1. Identify and promote key commercial and industrial development or redevelopment opportunities, in locations with sufficient access to transportation systems and to public infrastructure systems.
2. Identify and leverage financial programs and assistance, including various incentives, to promote the rehabilitation and redevelopment of existing commercial facilities.
3. Establish and define design standards for commercial and industrial development, addressing the following:
 - a. The inclusion of green spaces, paths, sidewalks, and other amenities as part of site plans.
 - b. The use of appropriate building materials and façade treatments to enhance the aesthetic qualities of developments.
4. Establish marketing campaigns and strategies to broaden the recognition of Maplewood in the regional market and the Upper Midwest.
5. Conduct regular planning and strategy sessions with the various chambers of commerce from the northeast part of the metro area, including the Saint Paul Area Chamber or the White Bear Area Chamber.
6. Refine and adjust financial incentives and other economic development tools (such as TIF, tax abatements, grants, etc.), in order to better attract or retain companies in Maplewood.
7. Refine assistance programs designed to help businesses looking to locate in or expand in Maplewood.
8. Review economic development programs and strategies periodically to ensure that the community is investing in, promoting and growing the diversity of Maplewood over time.
9. Refine marketing campaigns and strategies to leverage the recreational and cultural amenities present in Maplewood.
10. Educate local businesses and entrepreneurs regarding the various types of municipal, state, and federal economic development programs and incentives available.
11. Develop services, facilities, and infrastructure in support of start-up companies, entrepreneurs, and those working remotely in Maplewood. Initiatives may include:
 - a. Small business incubators
 - b. Entrepreneurial support spaces such as co-working and meeting spaces
 - c. Providing strong cellular coverage and high speed fiber for local businesses and remote workers
12. Develop codes that require commercial or industrial developments to provide adequate off-street parking and loading areas, while promoting the sharing of parking and loading areas between neighboring businesses.
13. Develop codes that require businesses to provide adequate screening or

buffering between their operations and adjacent residential areas (either current or planned).

14. Collaborate with economic development agencies and local businesses to provide programs that address industry workforce needs and create career and educational pathways for residents of all ages.
15. Support K-12 educational institutions in the pursuit of top quality educational programs and facilities.
16. Invest in amenities like quality housing, parks, trails, and open spaces, as well as community programs and events that contribute to the overall quality of life and attractiveness of the Maplewood community as a place to live.
17. Partner with local colleges and universities to expand post-secondary and continuing education programs for residents of all ages to increase their earning potential and fill gaps in high demand professions.
18. Partner with local colleges and universities to provide customized training opportunities tailored to local businesses and business groups.
19. Create a program to match students with local businesses for internships, mentorships, and shadowing opportunities.
20. Explore workforce development grant opportunities and educational partnerships through regional and state economic development entities.

List of Plan Actions

Natural Resources

1. Develop a general natural resources management plan for City natural areas and site-specific management plans for the highest quality areas.
2. Develop natural resources plan for City-wide issues including deer management and invasive species.
3. Develop and implement a Maplewood Tree Plan to cover boulevard trees, park trees, woodlots and forests.
4. Review and update the sustainable turf plan.
5. Establish priorities for sites and management activities and update these annually.
6. Create ecological overlays identifying City-owned land at parks and open space that have high ecological quality (areas that are not a Neighborhood or Community Preserve).
7. Identify areas in active parks that could be restored to natural habitat or non-turf vegetation.
8. Improve process for review and inspection of native planting and rain gardens on development projects to increase successful establishment.
9. Overlay the MBS Native Plant Communities and Sites of Biodiversity to identify whether there are sites not known.
10. Review and update existing materials used for natural resources education.
11. Expand audience via use of video and social media.
12. Develop materials (printed or video) to teach property owners environmentally friendly practices they can do on their property, including but not limited to: sustainable lawn care, native plant gardens, drought-tolerant landscaping, rain gardens, what to do with yard waste.
13. Evaluate and enhance current citizen monitoring programs – frogs, bluebirds, bee, and preserves.
14. Provide training on natural resources management for staff, including emerald ash borer training and noxious weed training.
15. Improve maps and information regarding access to preserves and natural areas.
16. Work with partners to create the Fish Creek Trail from Point Douglas Road to Carver Lake.
17. Add information to city policies and guidance about the importance of taking wildlife movement into consideration, particularly in the Nature Area Greenways. Consider referencing the MnDNR's Best Practices for the Protection of Species and the Roadways and Turtles Flyer.
18. Update the 2010 tree inventory and begin tracking tree planting and removals through Cartegraph.
19. Implement the Emerald Ash Borer Plan conducting removals, replanting, and community education.
20. Develop an invasive plant and noxious weed management program that covers, parks, trails, open space, boulevards, and city facilities. This shall

include prioritizing sites and species and developing a system to better track complaints.

21. Evaluate and update the invasive plant monitoring program.
22. Develop policy statements for management of deer, geese, and turkey.
23. Improve system for tracking nuisance wildlife calls.
24. Work with partners to implement projects in the Wakefield Subwatershed and other areas that reduce stormwater pollution to local lakes.
25. Work with partners to monitor aquatic weeds, set realistic goals for aquatic vegetation, and educate lakeshore owners and other residents.
26. Identify areas on City-owned land that do not have adequate wetland or shoreline buffers and implement projects to establish buffers.
27. Update city's planning, development review, zoning and ordinances to be consistent with guidelines for the Mississippi River Critical Area.
28. Consider reclassifying some natural areas. The Preserve system includes 15 sites. A few of these sites may be better classified as open space and there may be some open space sites that could be part of the Preserve system.
29. Evaluate pollinator corridor connectivity in the City and make recommendations for improvement.
30. Reduce the amount of conventionally maintained turf on both city-owned property and private property through education and programs to support the transition to other types of vegetation.

List of Plan Actions

Sustainability: Energy

1. Set interim goals as follows:
 - a. Greenhouse Gas Reduction Interim Goal: Reduce City-Wide greenhouse gas emissions to 80% of 2015 Baseline levels by 2025 (a 20 percent reduction).
 - b. On-Site Solar Interim Goals:
2. Modify the City's operating procedures and annual budgets to implement the Climate Action and Adaptation goals.
3. Conduct a site-specific solar energy capacity study to identify the 20 most beneficial sites for solar PV development. Use the site-specific study as the basis of outreach to the owners of the top 20 sites, educating them on the opportunities and benefits of installing solar PV within the existing timeframe of the Federal Tax Incentive. Study should occur by mid-2018 to support leverage of tax incentive potential.
4. Coordinate with Ramsey County and Minnesota PACE to develop a communications plan to review the financing opportunities and financial advantages available to utilizing PACE financing for solar PV, especially while the Federal Tax Incentive remains in effect through 2021.
5. Develop and distribute an informational brochure outlining the current incentives available to Maplewood residents and businesses as well as the potential short and long-term benefits of installing solar PV. Work with City businesses and community groups to assure broad distribution.
6. Coordinate with Ramsey County to explore the development of new incentive programs, particularly those aimed at low and moderate income residents. Program opportunities may include development of Low Income Home Energy Assistance Program (LIHEAP) based funding sources.
7. Conduct a Green Economy Business and Economic Development Potentials study to identify strategies in leveraging economic opportunities in the Green Economy and emerging renewable energy field. Study should focus not only on national, state, and metro area trends, but should identify strengths, weaknesses, opportunities, and threats unique to Maplewood. The goal of establishing a robust business atmosphere capable not only of serving Maplewood renewable energy and green economy needs but fulfilling a unique economic niche within the Metropolitan area.
8. Adopt a Climate Action and Adaptation Plan that includes strategies for dealing with the effects of climate change. Strategies to be considered should strive to:
 - a. Decrease City-wide GHG emissions to meet the City's long-range emissions goals.
 - b. Increase renewable energy to meet the City's long-range renewable energy goals.
 - c. Conduct a climate vulnerabilities study.

- d. Decrease the urban heat island effect, especially in areas with populations most vulnerable to heat.
 - e. Minimize health issues caused by extreme heat days, especially for populations most vulnerable to heat.
 - f. Increase the resilience of Maplewood's water supply in drier summers.
 - g. Increase food security for Maplewood residents, especially those most vulnerable.
 - h. Increase the resilience of natural and built systems to adapt to increased timeframes between precipitation and increased drought conditions.
 - i. Increase the resilience of the natural and built environment to more intense rain event and associated flooding.
 - j. Manage the increased risk of disease due to changes in vector populations.
 - k. Strengthen emergency management capacity to respond to weather-related emergencies.
 - l. Institutionalize climate change preparation planning and best practices.
 - m. Improve the capacity of the community, especially populations most vulnerable to climate change risks, to understand, prepare for and respond to climate impacts.
-
1. Conduct a community food security assessment to identify barriers and gaps in healthy food access and community assets.
 2. Complete an urban agriculture zoning review to remove barriers and promote local food access in all zoning districts.
 3. Allow and encourage single-family subdivisions and multi-family developments to incorporate community gardens.
 4. Integrate community gardens into public housing developments and create incentives for community gardens in affordable housing developments that receive public assistance.
 5. Encourage townhome and other types of housing associations to allow gardening as part of allowable activities.
 6. Analyze and address sidewalk and trail gaps near food stores, hunger relief programs, farmers markets, community gardens, and other healthy food sources.
 7. Require new developments that will have food options to provide safe, internal circulation for pedestrians and cyclists and bike racks.
 8. Explore partnership opportunities to provide education and skill development for families around healthy food selection and preparation.
 9. Collaborate on equipment-lending libraries and seed and seedling programs to support garden efforts of families.
 10. Identify and educate on options for testing of soil of contaminants to ensure new gardens are safe.

Sustainability: Food Access

11. Review and modify as needed healthy food options available at city facilities.
12. Explore how to add community supported agriculture delivery sites to serve multi-family developments.
13. Modify land use policies to support pollinators through city ordinance and city operations/maintenance.
14. Partner with the business and school communities to promote health and well-being within worksites.
15. Review management of locally owned public land, and take steps to increase its contribution to pollinator health.
16. Partner with local food retailers to market a buy local food campaign.

List of Plan Actions

Historical Resources

1. Develop and implement procedures so property owners applying for permits are notified if their structure is over 50 years old.
2. Develop voluntary, non-regulatory guidelines to support property owners as they invest in non-Landmark designated heritage resources that are not required to be reviewed by the HPC .
3. Review City ordinances and policy and amend them as needed to reflect the goals and objectives for historic preservation.
4. Develop guidelines for public improvement projects (i.e., streets, sidewalks, lights, utilities, etc.) that encourage protection of significant historic resources or patterns.
5. Identify patterns within single-family home residential neighborhoods that contribute to the historic character of the neighborhood, such as lot size, setbacks, sidewalks, location of garage, etc. Encourage continuance of these patterns when a home is being rebuilt or added onto.
6. Provide City disaster management staff with information on heritage resources and preservation priorities.
7. Develop management plans for City-owned heritage resources, including disaster management.
8. As Maplewood designates more historic sites and gains more understanding of historic preservation, the City shall develop its own design guidelines.
9. Investigate tax and financial incentives for preservation and restoration efforts.
10. Complete a reconnaissance survey of historic structures and sites in the City. This type of survey is a broad overview and identifies potentially significant historic resources.
11. Identify priorities for additional survey work, if needed, such as historic farm houses of post-World War II housing. These resources may be increasingly threatened due to lack of awareness or information necessary to evaluate their significance.
12. Continue the Century Homes Program, offering certificates to owners of 100+ year old homes every two to five years.
13. Each year designate a Maplewood Heritage Landmark or prepare a nomination for the National Register of Historic Places.
14. Set research priorities and work with partners such as Maplewood Area Historical Society to research Maplewood history, including people, events, sites and structures.
15. Conduct additional archeological investigations in the Fish Creek area.
16. Develop materials and educate staff, officials, and the public about Maplewood history, the value of historic resources, and how to preserve and maintain historic structures. Use a variety of media including website, signage, brochures, film, and social media.

17. Develop materials and educate staff, commissioners, and the community in mid-century modern architecture and Post World War II housing and development patterns.
18. Establish a self-guided tour of historic sites.
19. Create interpretive signage or information for city-owned historic resources.
20. Work in partnership with Parks and Recreation and Natural Resources to respond to needs for educational programming that integrates arts with promotion of environmental stewardship and the history of Maplewood.

List of Plan Actions

1. Expand funding for regular park maintenance and equipment replacement
2. Continued community education regarding park system funding needs
3. Develop Asset Management Plan
4. Expand the amount of no-mow areas
5. Seek opportunities for sustainability pilot programs
6. Improve system wayfinding
7. Update Snow and Ice Control Policy
8. Initiate planning on priority segments to position for grant funding
9. Pavement Management
10. Develop management plans for each of the City's Preserves
11. Identify and evaluate protected ecological areas
12. Revise preserve policy to differentiate between community and neighborhood preserves
13. Formalize greenway routes
14. Nature Center Master Plan & Building Evaluation
15. Seek grant funding for arts-related programs
16. Look for opportunities to include art and culture into design elements on City projects
17. Partner with historic society for historic interpretation & programs
18. Build the Arts Program
19. Continue to expand neighborhood and community events
20. Expand Nature Center Programs

Parks, Trails, & Open Space: Priority Actions

1. Maintenance and Reinvestment
2. Construct prioritized projects to eliminate gaps in the pedestrian-bicycle network
3. Add amenities to Neighborhood Parks
4. Actively manage high quality natural resources
5. Add amenities to Community and Athletic Parks
6. Update park signs
7. Add restrooms to Community and Athletic Parks
8. Improvements to Wakefield Park
9. Improve system wayfinding
10. Continue/expand community gardens
11. Improvements to Preserves and Open Spaces
12. Improvements to Goodrich Park
13. Modify field mix
14. Add off-leash dog park
15. Improvements to City Hall Campus

Parks, Trails, & Open Space: Priority Capital Improvement Projects

16. Replace/Refurbish Nature Center
17. Expand facility mix in Western Park Service Area
18. Implement new policy regarding tennis court distribution
19. Add mobile stage
20. Add new neighborhood park in South Park Service Area

Parks, Trails, & Open Space: Other Actions

1. Create additional neighborhood watch groups.
2. Add user amenities such as shade, benches, and bike racks based on the asset management plan, funding availability, and community input.
3. Improve resident connectivity to neighborhood parks by adding trails and sidewalks.
4. Construct an outdoor performing arts space in the City with Goodrich Park and Hazelwood Park the top options.
5. Provide lighting for areas intended to be used at night.
6. Increase park patrols.
7. Use volunteer park liaisons to educate youth about appropriate behavior in parks.
8. Increase neighborhood involvement in park design and operations.
9. Provide support facilities such as restrooms, lighting, shade, and water based on the type of park.
10. Include signage kiosks at community and community athletic parks that invite users to use the parks for activities like volleyball, bocce ball, etc.
11. Establish Goodrich Park, Wakefield Park, Gladstone Savanna Preserve, and the City Campus area as the premier recreation and community gathering area for the City.
 - a. Establish trail and sidewalk connections between the three parks and one preserve.
 - b. Develop Wakefield as a family gathering destination with a multi-purpose building/warming house, picnic shelters, large playground, and other winter facilities.
 - c. Complete the Goodrich Park Master Plan.
 - d. Add a skate park and environmental demonstration areas around the pond at the City Hall Campus.
 - e. Implement the Gladstone Savanna Preserve Master Plan
12. Establish an Asset Management Plan and implement the annual 5-year Capital Improvement Plan (CIP) for park facilities.
13. Establish a winter maintenance plan that increases the facilities maintained for winter activities like walking, skating, sledding, cross-country skiing, etc.
14. Develop Sustainability Pilot Programs.
 - a. Solar garden.
 - b. Wind turbine.
 - c. Solar powered trash compactor.
 - d. Organics composting in a signature park.

- e. Composting toilet.
 - f. Passive solar or net-zero energy park facility.
 - g. Pesticide-free park.
 - h. Bee Lawn (includes clover etc. for pollinators).
15. Increase Parks and Recreation share of current levy.
 16. Explore use of a franchise fee to fund maintenance or specific programs.
 17. Explore funding options dedicated to health improvement.
 18. Establish an Infrastructure Replacement Reserve Fund to cover major capital repairs and replacements.
 19. Create a Fees and Charges Policy that identifies services that meet the needs of the basic community and are 100% tax supported and services that have mostly individual or special interest benefit where fees and charges will offset costs.
 20. Consider a bond referendum.
 - a. Conduct a study to determine the appropriate bond referendum amount, package of improvements, and appropriate timing.
 - b. Develop a bond referendum strategy that identifies key partners to assist the City to market and champion the referendum.
 - c. Develop ambassadors to promote and champion investments in the park system.

List of Plan Actions

Transportation

1. Implement the principles of the City of Maplewood's 2013 Living Streets Policy.
2. Increase the presence of dedicated bike and pedestrian infrastructure.
3. Implement safe connections to public transportation hubs.
4. Implement the traffic calming techniques described in Maplewood's Living Streets Policy.
5. Incorporate traffic calming elements such as curb extensions, bump-outs and narrowed streets as necessary during design of roadway projects.
6. Improve biking and walking conditions along natural connector routes and collector streets by designating bike lanes, sidewalks, and multi-purpose trails.
7. Identify ways to slow neighborhood cut-through traffic via traffic calming measures.
8. Proactively work with auto dealerships in the City to identify appropriate vehicle test routes that reduce impacts to local neighborhoods.
9. Actively support regional public transit projects, including the METRO Gold Line and Rush Line, by participating in technical committees and coordinating local projects and policies.
10. Identify and eliminate gaps in the Regional Bicycle Transportation Network and the connections to the network.
11. Continue to collaborate with Ramsey County to make access and safety improvements along McKnight Road and Century Avenue, in the I-94 corridor, and at and around Maplewood Mall.
12. Coordinate closely with regional transit agencies in the siting and design of potential LRT or busway station locations, including park-and-ride facilities.
13. Actively participate in the planning for light rail transit and bus systems in the City, including participation in Metro Transit TACs.
14. Assure that land use policies fully leverage the benefits of transit hubs by promoting denser, mixed-use transit-oriented development.
15. Minimize disruptions by coordinating municipal projects with transit facility construction.
16. Principal Arterial and A-Minor Road Functional Classifications Follow the road design guidelines presented in the 2013 Maplewood Living Streets Policy, including narrower streets with less asphalt, more trees, and the inclusion of roadside rainwater gardens to filter storm water runoff.
17. Seek opportunities to improve local bicycle and pedestrian infrastructure adjacent to transit stops, schools, employment centers, and other critical destinations.

List of Plan Actions

Surface Water

1. Implement water quality improvement projects and install BMPs in partnership with the local watershed districts
2. Review chloride use and management
3. Complete regional study of flood issues areas in the Beaver Lake subwatershed.
4. Complete regional study of flood issues areas in the Battle Creek subwatershed
5. Complete infiltration/volume control feasibility study for future street reconstruction areas
6. Explore opportunities for discharge rate reductions in the Fish and Snake Creek Systems
7. Review drainage easements on City owned ponds/facilities relative to new Atlas 14 based high water levels
8. Water Resources Education
9. Green Infrastructure Improvement on City Facilities
10. Update NPDES MS4 Program in response to new permit issuance
11. Update SWMP