

Lakeville

PARKS, TRAILS AND OPEN SPACE PLAN



City of Lakeville, Minnesota

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Acknowledgements

The City of Lakeville has initiated an update of its Parks, Trails and Open Space Plan. The updated plan is to provide vision and guidance for expansion, development and maintenance of the City's parks, trails and open space system through 2030 in accordance with community goals and regional policies established by the Regional Framework. The development of the 2006 Lakeville Parks Trail and Open Space Plan is the result of the work and dedication of the following individuals whose participation and contributions to the planning process have been instrumental in the final document.

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Following the recommendations of the Parks, Recreation and Natural Resources Committee, the Planning Commission held a public hearing on May 18, 2006. Upon review of the document and other evidence, the public hearing was closed and the Planning Commission recommended that the City Council adopt the plan update. The City Council received the 2006 Parks, Trails and Open Space Plan at their meeting on June 5, 2006, together with the recommendations of the advisory committees and City staff, and voted to approve the document as herein written.

Plan Introduction

Introduction

The Lakeville Comprehensive Parks, Trails, & Open Space Plan sets forth a vision of a fully developed park, trail and open space facility system. This vision is founded upon community characteristics, an assessment of existing facilities and the projected needs of the City for on-going development through 2030. The Parks, Trails and Open Space Plan's objective is to propose logical physical improvements to new and existing facilities in order to maintain the system as a significant community asset that contributes positively to the quality of life and character of the City of Lakeville.

In 1998, the City of Lakeville completed an update of its Comprehensive Plan and another update will be completed by 2008. The 2008 Comprehensive Plan update will establish a framework and policies that guide continued community growth in an orderly and efficient manner through the year 2030 based on the Regional Development Framework. In accommodating continued development of the City, the current Comprehensive Plan places a strong emphasis on several goals related to the City's Parks, Trails and Open Space Plan, and are outlined as follows:

- Develop a natural resources inventory and management plan, and identify financing mechanisms for the acquisition of significant environmental areas.
- Establish greenway corridors as a means to protect environmentally sensitive areas, maintain natural open spaces, define neighborhoods, provide for pedestrian trails, increase storm water infiltration, and provide wildlife corridors.
- Design facilities to maintain a sense of community identity and recognition.
- Provide an appropriate balance between active, passive, and cultural recreational areas and activities, tailored to the needs of the population throughout the community.

The quality park and trail systems which exist in Lakeville today are representative of past planning efforts. The initial Lakeville Park System Plan was completed in 1970 and updated four different times, the most recent being in 2000. These plans inventoried existing facilities and assessed the needs of different park types based upon future growth as it was then projected. The Lakeville Trails System Plan was prepared in 1987 and updated in 1992. These trail plans identified future pedestrian and bicycle trail corridors, and outline policies for their design, acquisition, development, upgrade and maintenance. The trail plans were joined with the Park System Plan to create the 2000 Comprehensive Parks, Trails & Open Space System Plan for purposes of guiding the City in recreational facility planning through 2020. Through the proactive implementation of these planning tools, the City has established a high-quality, comprehensive network of recreational spaces that contribute to the quality of life within the community as well as to the community's overall identity.

The City has initiated another update of the Lakeville Parks, Trails and Open Space Plan in 2005 to again inventory and reassess park, trail and open space needs. This effort is undertaken within the context of the policy framework established by past plans described above. A primary focus of the Lakeville Parks, Trails and Open Space Plan update is to describe not only future land and facility needs based on anticipated growth through 2030, but to examine the needs to update, upgrade and replace existing facilities and infrastructure in more mature areas of the City, as Lakeville moves towards becoming a fully developed community.

Importance of Recreation

Recreation opportunities are a vital component of Lakeville's developed environment. Five basic community functions are served by parks, trails and open space facilities. These include:

- Provision of Recreational Resources. Opportunities for recreation and leisure time activities are integral to Lakeville's overall quality of life. A growing emphasis on physical fitness and a recreational diversity increases the responsibility of recreational providers within the community to meet this public demand. Additionally, the nation, as a whole, is growing more concerned with the health risks of obesity and the need for more active lifestyles. Awareness, education and availability of recreational opportunities are key elements in the fight against obesity and other poor health habits.
- Protection of Natural Resources. Natural resources possess more than just recreational aesthetic value. They are essential to the preservation of human life, health, and welfare. Lakeville is rich in lakes, wetlands, distinctive vegetation, and other attractive natural resources. The character of this landscape should be preserved for the enjoyment of future generations and the preservation of existing ecosystems.
- Structuring of Urban Development. The nature and variety of parks and other recreational facilities heighten a community's identity and sense of pride. Development and maintenance of a quality park and open space system is a proven way to attract high quality residential and commercial development. Quality park facilities serve to enhance property values and revitalize otherwise declining areas.
- Contribution to the Local Economy. The contribution of a strong park and trail system to the City's local economy is often understated. Aside from contributing to the City's attractiveness as a place to live and work, the recreation system also directly contributes to the City economy through tourism and special events. League play tournaments and special events such as the Ironman bike tour and the 12 and Under AAU National Baseball Tournament brings people to the City to spend consumer dollars on hotel, dining and other purchases.

- Transportation. Integral to the recreation system is the establishment of a trail system to provide access to park and open space areas and connect them with principal user destinations. Trail development, as well as development of sidewalks leading to major trails, have been and will continue to be coordinated with the development of roadways in the community in association with the 1994 Transportation Plan. Through the establishment of multiple purpose trailways along arterial and collector streets, a more direct and efficient system of trail corridors can be established. Street rights-of-way provide readily available area for trail location and contain few physical limitations. Trail and sidewalk construction, in conjunction with streets associated with new commercial and residential developments, results in lower overall costs, better user visibility by motorists, and controlled crossings.

These five basic functions formulate the need to establish and maintain a high quality comprehensive parks, trails and open space system for Lakeville. The plan must be built upon the City's individual characteristics and respond to the current and future physical growth and social needs.

Mission Statement of the Parks & Recreation Advisory Committee

The Lakeville City Council is responsible for establishment of policy and implementation of the Parks, Trails and Open Space Plan. The City has established the Parks, Recreation and Natural Resource Committee as an advisor to the City Council in such matters and to represent the citizens of Lakeville. The Parks, Recreation and Natural Resources Advisory Committee contributes greatly to the success of the community parks and trails system through their review of site specific projects and development recommendations. The mission statement of the Parks, Recreation and Natural Resources Committee is:

“The committee will strive to preserve and wisely use natural resources; preserve scenic, aesthetic and historical values; promote equitable distribution of safe, active and passive recreational facilities; and contribute to the development of a high quality of life for all Lakeville residents.”

Parks, Trails & Open Space Planning Process

As in 2000, the planning process for preparation of this Parks, Trails & Open Space Plan has involved several steps. First, background information was assembled on Lakeville's development history, physical character, demographics, as well as the future land use and development objectives identified in the City's 1998 Comprehensive Plan (as amended). This information will serve as the base for subsequent steps in the planning process. Second, an inventory was taken of all existing parks, trails and recreational resources. The purpose of the inventory was to identify and analyze the City's existing parks, trails and open space facilities.

The goals and policies sections of this plan were taken from the 2000 plan and updated to respond to the issues and system needs anticipated for the next twenty-five years.

The next step in the Lakeville parks, trails, and open space planning process was a comprehensive review of the existing system analysis and plan recommendations by the Parks, Recreation and Natural Resources Committee. Through this step, the City's existing parks and trails system was evaluated against both national recreational standards and the City system policies as a means of identifying future system deficiencies.

A series of four neighborhood meetings were also conducted during the winter of 2005-2006 to encourage resident input as part of the planning process.

Recommendations were formulated consistent with the stated park plan policies to respond to deficiencies identified through the system analysis as well as recreation issues identified in Chapter 4 of this report. The result is the formulation of a parks, trails and open space system plan to guide Lakeville through the year 2030.

Prior to formal consideration of the Parks, Trails and Open Space Plan by the Lakeville Planning Commission for adoption as part of the City's Comprehensive Plan, draft documents were forwarded to adjacent government jurisdictions and interested organizations for a 60 day comment period. Those agencies and organizations provided the draft document for review are identified below with any subsequent comments, questions or issues identified in Chapter 4 of the plan.

Government Agencies

City of Apple Valley
City of Burnsville
Credit River Township
Dakota County
Empire Township
Eureka Township
City of Farmington
ISD #192
ISD #194
ISD #196
New Market Township
Scott County
Three Rivers Park District

Athletic Associations

Lakeville Baseball Association
Lakeville Fastpitch Softball Association
Lakeville Football Association
Lakeville Soccer Club
Minnesota Valley YMCA

Community Characteristics

Land Use Development Pattern

Regional Location

Lakeville is located in the southern-most portion of the Minneapolis-St. Paul Metropolitan Area within Dakota County (see the regional map which follows). Convenient access to the southern metropolitan area via I-35W and I-35E has been stimulating rapid development of Lakeville's residential and commercial areas. In prior years, Lakeville has been a freestanding growth center servicing the surrounding agricultural activities. However, close proximity to the metropolitan community gradually attracted diverse community development including residential subdivisions, the Airlake Industrial Park and commercial businesses tying Lakeville into the larger Twin Cities Metropolitan Urban Area.

Existing Land Use

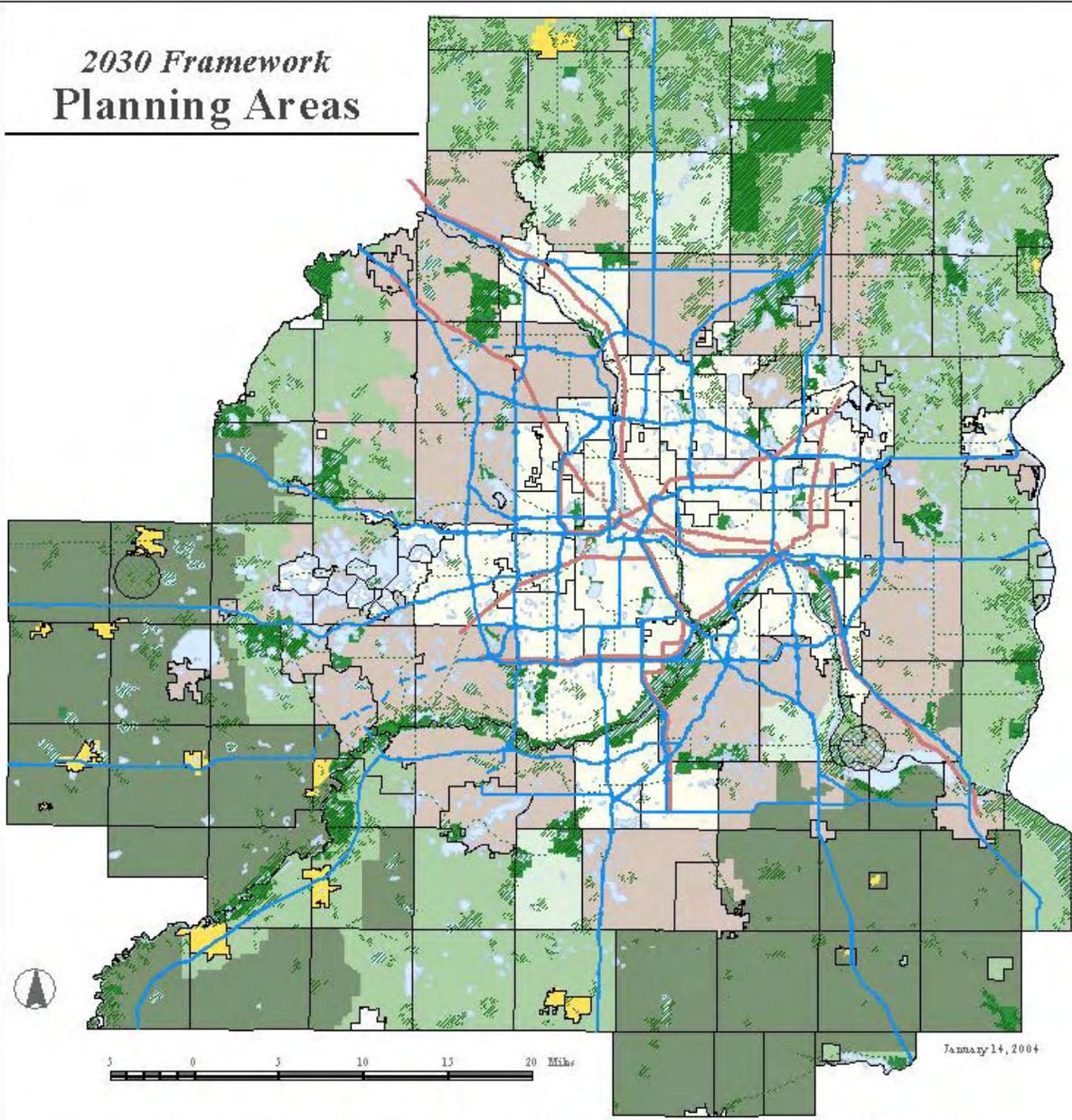
Residential development in the southern metropolitan area today extends to Lakeville, establishing it as an outer ring suburb. According to the Metropolitan Council, Lakeville is at the edge between the predominately rural and predominately urban service areas. While the community still maintains a traditional downtown community and developed residential areas, extensive new development has occurred in the last two decades that has changed the City's status as a freestanding community to an integral part of the Metropolitan Council's 2030 Framework. As shown on Map 1, the 2030 Framework Planning Areas include two main categories, Urban Planning Areas and Rural Planning Areas. These areas are further divided into Developed Areas and Developing Areas within the Urban Planning Areas and Rural Center, Agricultural, Diversified Rural and Rural Residential within the Rural Planning Areas. Lakeville is designated as Developing Area.

Existing land use patterns within Lakeville are generally reflective of the City's Municipal Urban Service Area (MUSA) boundaries, shown on Map 2, ranging from rural land uses and remaining vacant land to the full variety of urban land uses. The City will continue to promote infill development of the existing MUSA prior to expanding its MUSA in an orderly and staged manner.

The current land use breakdown for Lakeville is shown in Table 1. Lakeville contains approximately 24,180 total acres. Nearly half of those acres, about 14,200 acres, are within the MUSA. As of 2005, the largest percentage of land in Lakeville, 29 percent of the total acres, is vacant or has an agricultural land use designation. This percentage has reduced by about 13 percent from 1998. The next largest existing land use is low density single family residential, which has consistently been the second highest use of the land in years past.

As the City continues to evolve over time to 2030, land uses will shift from vacant or agricultural uses to developed urban uses. This change in land use will bring increased population densities and emphasize the need to develop the City's park system and preserve the remaining natural areas of the community.

2030 Framework Planning Areas



NOTE: Please refer to the Comprehensive Plans Composite map or the Regional Systems maps for the most recent information. These maps are available at the Metropolitan Council Data Center (651) 602-1140.

Geographic Planning Areas		Additional Information	
<p>Urban Planning Areas</p> <ul style="list-style-type: none"> Developing Area Developed Area 	<p>Rural Planning Areas</p> <ul style="list-style-type: none"> Rural Center Agricultural Diversified Rural Rural Residential 	<ul style="list-style-type: none"> Regional Natural Resource Areas (includes Farmland and Wetland Areas) Regional Park Proposed Regional Park 	<ul style="list-style-type: none"> Regional Trail Transit 2025 Corridor Principal Arterial Open Water



TABLE 1 2005 EXISTING LAND USE				
Land Use Type	Total Acres	Percent of Total	MUSA Acres	Percent of Total MUSA
Agricultural	5,418.66	22.4%	832.7	5.9%
Airport	131.21	0.5%	8.6	0.1%
Commercial	466.16	1.9%	452.9	3.2%
Golf Course	344.41	1.4%	344.4	2.4%
High Density Residential	25.59	0.1%	25.4	0.2%
Institutional	771.69	3.2%	538.3	3.8%
Institutional-High Imperviousness	206.08	0.9%	183.4	1.3%
Industrial-Office	569.35	2.4%	523.7	3.7%
Low Density Residential	5,130.81	21.2%	4,898.2	34.5%
Medium Density Residential	790.02	3.3%	751.4	5.3%
Natural Area	1,078.13	4.5%	945.2	6.7%
Developed Park	956.73	4.0%	377.7	2.7%
Vacant-Undeveloped	1,597.31	6.6%	842.3	5.9%
Very Low Density Residential	2,244.63	9.3%	581.3	4.1%
Water	1,019.21	4.2%	464.1	3.3%
Other Commercial	493.10	2.0%	70.3	0.5%
Roads	2,935.97	12.1%	2,361.1	16.6%
TOTAL	24,179.18	100.0%	14,201.1	100.0%
SOURCE: City of Lakeville				

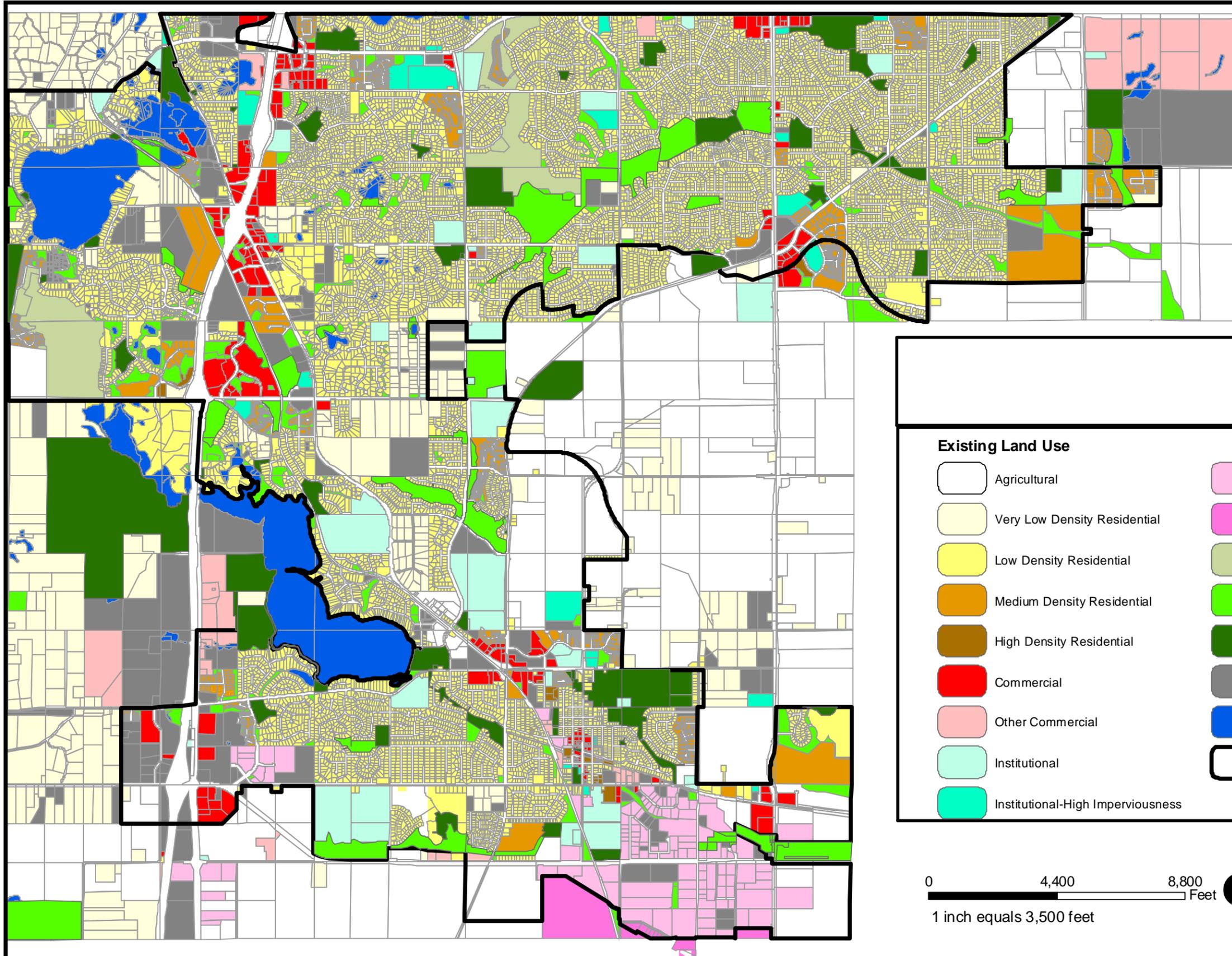
Staged MUSA Expansion Areas

Map 3 shows Lakeville's proposed future expansion of the MUSA for urban development through the year 2020, as well as the urban reserve and permanent rural areas that will be anticipated to develop after 2020. The City is required to identify anticipated staged growth through the year 2030 as part of the 2008 Comprehensive Plan update, for which initial studies suggest urbanization of the Urban Reserve would be required. Table 2 summarizes the undeveloped acreage within each of these staging areas.

TABLE 2 UNDEVELOPED MUSA ACREAGE	
Existing MUSA	2,940 acres
MUSA Expansion Area B	2,109 acres
MUSA Expansion Area C	1,038 acres
Urban Reserve Area	1,500 acres
Permanent Reserve	2,286 acres
TOTAL	9,873 acres
Source: City of Lakeville, 2005	



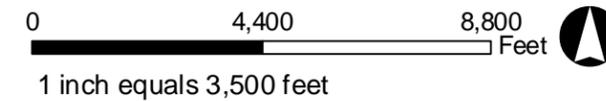
City of Lakeville 2006 Parks, Trails & Open Space Plan



MAP 2: EXISTING LAND USE

Existing Land Use

- | | |
|-----------------------------------|--------------------|
| Agricultural | Industrial-Office |
| Very Low Density Residential | Airport |
| Low Density Residential | Golf Course |
| Medium Density Residential | Natural Area |
| High Density Residential | Developed Park |
| Commercial | Vacant-Undeveloped |
| Other Commercial | Water |
| Institutional | MUSA |
| Institutional-High Imperviousness | |



May 2006

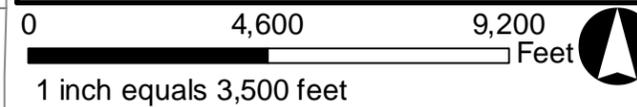


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2006 Parks, Trails & Open
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**MAP 3:
STAGED MUSA
EXPANSION AREAS**

Expansion Areas

-  Expansion Area "B" (2010)
-  Expansion Area "C" (2015)
-  Urban Reserve
-  Permanent Rural



May 2006

The staged MUSA expansions are proposed to build on existing development patterns, in-place sanitary sewer and roadway infrastructure. The sequencing of the MUSA staging is intended to postpone costly investments in new utility infrastructure until full utilization of the existing utilities is achieved.

2020 Land Use

Map 4 shows the 1998 Comprehensive Plan's 2020 Land Use Plan which illustrates land uses planned within the proposed MUSA expansion areas. The 2020 Land Use Plan works in conjunction with the MUSA staging plan to determine the timing and pattern of development that will occur in Lakeville. While the Comprehensive Land Use Plan illustrates a future 2020 land use pattern, all land lying outside the MUSA is restricted to rural development patterns. The following table represents the 2020 total land use breakdown based on the Proposed 2020 Land Use Plan. The 2020 Land Use Plan represents general development patterns. As such, the acreage illustrated in the following table will likely need to be adjusted in future years. The 2008 Comprehensive Plan update will involve reconsideration of the guided land uses and will likely establish future urban land uses for the Urban Reserve Area affecting the numbers below.

TABLE 3 2020 TOTAL LAND USE BREAKDOWN		
Land Use Type	Total Acres	Percent Of Total
Rural (Urban Reserve)	1,427	5.9
Rural Residential (Permanent Rural)	1,748	7.2
Low Density Residential	7,384	30.5
Low to Medium Density Residential	1,341	5.5
Medium Density Residential	1,697	7.0
Medium to High Density Residential	574	2.4
High Density Residential	174	.7
Manufactured Housing	214	.9
Commercial	950	3.9
Office Park/Business Campus	598	2.5
Commercial/Industrial	106	.4
Light Industrial/Warehousing	573	2.4
Industrial	944	3.9
Public and Semi-Public	1,185	4.9
Parks ¹	1,215	5.0
Restricted Development	579	2.4
Water	967	4.0
Right-of-Way	2,535	10.5
TOTAL	24,210	100.0
Source: Northwest Associated Consultants, Inc.		

¹ The park land area in Table 3 represents a rough estimate of Lakeville park land guided for development in 1998 by the 2020 Land Use Plan when the most recent major update of the City's Comprehensive Plan was adopted. A more detailed inventory of the City parks and conservation areas is outlined in Chapter 6, which identifies the total area of existing City park land as 1,607.18 acres (6.6% of total land areas) which provides 495.45 acres (2.0% of total land area) of active usable park land.



City of Lakeville 2006 Parks, Trails & Open Space Plan

MAP 4: 2020 LAND USE

2020 use

- | | |
|---------------------------------|--------------------------------|
| Rural | Commercial/Industrial |
| Rural Density Residential | Light Industrial/Warehouse |
| Low Density Residential | Industrial |
| Low/Medium Density Residential | Public & Semi-Public |
| Medium Density Residential | Parks |
| Medium/High Density Residential | Water |
| High Density Residential | Restricted Development |
| Manufactured Housing | Low/Medium Density Residential |
| Commercial | MUSA Expansion Areas |
| Office Park/Business Campus | |

0 4,600 9,200 Feet

1 inch equals 3,500 feet



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Greenway Corridors

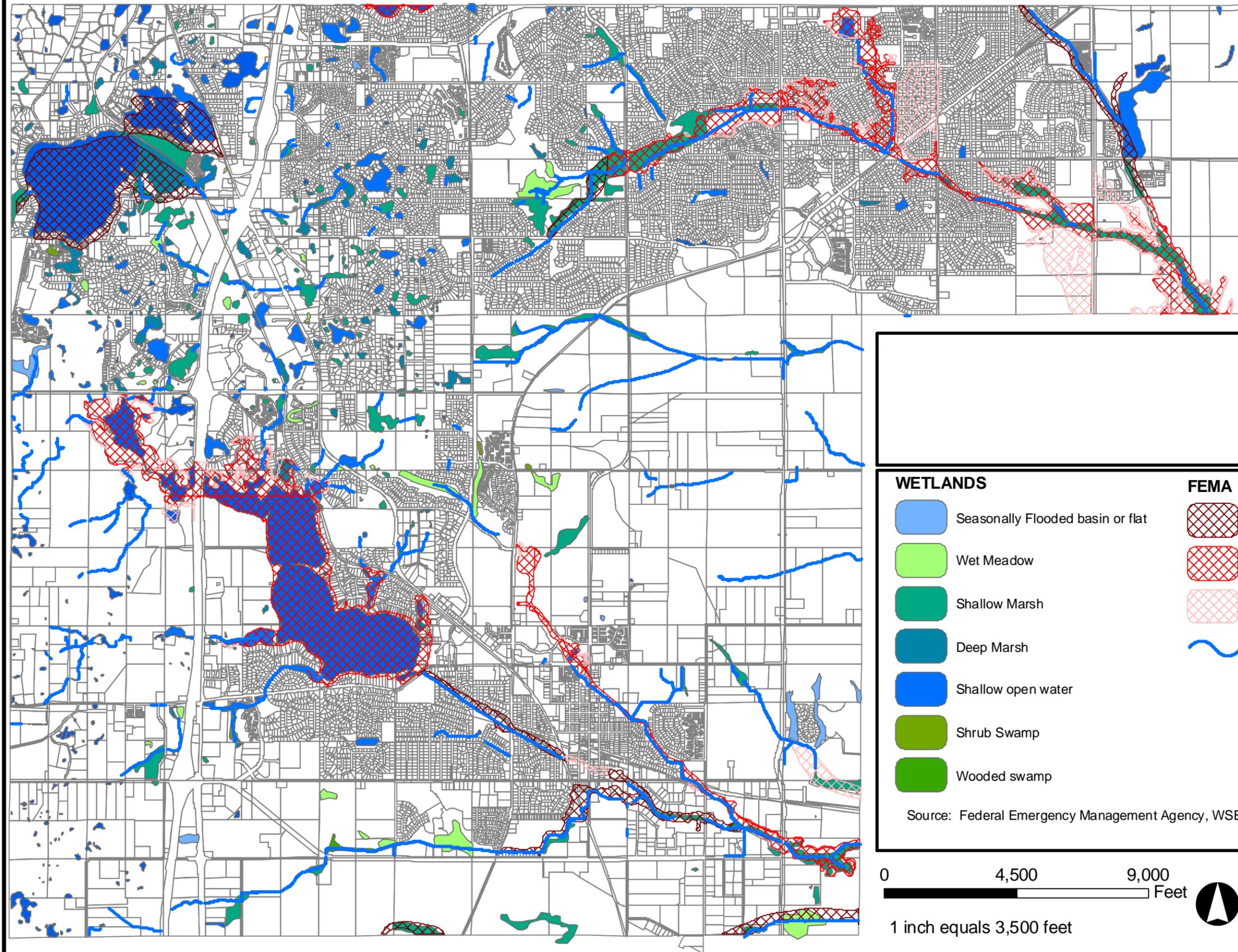
The City of Lakeville has been successful in protecting environmentally sensitive areas of the City through the creation of greenways along North Creek, South Creek and Juno Trail. Through the establishment of the greenways, the City has preserved green space and buffered the natural drainageways from the intrusion of urban development. The 1998 Lakeville Comprehensive Plan promotes the establishment of additional greenway corridors along the City's other tributaries, major drainageways, wetlands, and storm water ponding systems to accomplish these functions:

1. Preserve areas of contiguous open spaces as a means of maintaining the City's natural features, defining urban land use patterns and neighborhoods, and connecting community parks with protected natural open spaces.
2. The greenways preserve the ecological functions of the City's environmentally sensitive areas. The establishment of greenway buffers along the City's tributaries serves to promote water quality within the streams through storm water filtering and infiltration. Urban land uses are allowed at the periphery of the greenways with subdivisions and site design that preserve the vistas into the greenways. The City has adopted a Wetland Management Plan and Shoreland District regulations that establish stormwater management, development setbacks and provision of buffers that can be incorporated as part of greenway corridors to protect and enhance the natural environment aesthetically and functionally. Requirements for infrastructure planning (i.e., street and utilities) are also designed so as to have the least disruption possible of the greenway.
3. The greenways provide a diversity of natural features and habitat. The greenways provide for wildlife habitat and to facilitate wildlife movement through areas dominated by human activities. In this respect, the greenways have been configured to include both low lands and upland areas.
4. The greenways are intended to provide recreational trail and linear park opportunities to Lakeville residents. This allows all community residents the opportunity to enjoy the natural amenities of Lakeville. The City will pursue additional greenway corridors in conjunction with new development requests along the balance of the City's tributaries.

Map 5 illustrates the floodplains, wetlands, lakes, and drainways that may be utilized through linear connections to form greenways within the City. The National Wetlands Inventory provides the information for wetland locations. Under the 1991 Wetland Conservation Act definitions for wetlands, they may be expanded beyond the NWI estimates reflective of hydric soils and wetland vegetation. Map 6 illustrates the areas of hydric soils in Lakeville. These patterns may provide expanded land area for greenway planning.



**City of Lakeville
2006 Parks, Trails & Open
Space Plan**



**MAP 5:
FLOODPLAINS
AND WETLANDS**

WETLANDS

-  Seasonally Flooded basin or flat
-  Wet Meadow
-  Shallow Marsh
-  Deep Marsh
-  Shallow open water
-  Shrub Swamp
-  Wooded swamp

FEMA

-  No Base Flood Elevation Determined
-  Base Flood Elevation Determined
-  Areas of 500-year flood
-  Linear Water Features

Source: Federal Emergency Management Agency, WSB, City of Lakeville



1 inch equals 3,500 feet



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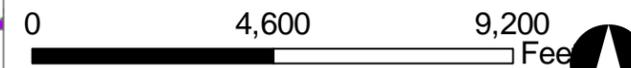


City of Lakeville
2006 Parks, Trails & Open
Space Plan

**MAP 6:
HYDRIC SOILS**

-  Hydric Soils
-  Wetlands-Lakes
-  Linear Water Features

Source: Natural Resource Conservation Service, MNDNR, City of Lakeville



1 inch equals 3,500 feet



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May 2006

Population

According to the Census, Lakeville’s population was 43,128 persons in 2000. Lakeville was one of the fastest growing municipalities in the region during the 1980s and 1990s. Since most communities north of Lakeville are nearly fully developed, Lakeville will continue to experience growth as the Metro Area furthers its outward expansion. Young families will continue to migrate to Lakeville, creating an increased need for family recreational programs and facilities. The City also expects to retain many of its current residents. As current residents mature, the population will require recreational programs and facilities for all ages. As Lakeville also becomes fully developed, population and employment growth will begin to taper off around 2030. Table 4 shows historic and projected population, household and employment growth from 1980 to 2030. Table 5 displays the historic and projected percentage growth rates for population, household and employment in Lakeville from 1990 to 2030.

TABLE 4 POPULATION, HOUSEHOLD & EMPLOYMENT GROWTH				
Year	Population	Employees	Household	Household Size
1980	14,790	2,700	4,337	3.41
1990	24,854	6,668	7,851	3.17
2000	43,128	9,885	13,609	3.17
2010	55,200	11,900	19,200	2.88
2020	76,500	13,200	28,000	2.73
2030	86,000	14,400	33,500	2.57

SOURCE: U.S. Census, Metropolitan Council Regional Development Framework.

TABLE 5 POPULATION, HOUSEHOLD & EMPLOYMENT GROWTH RATES			
Year	Population	Employees	Households
1990 to 2000	74%	48%	73%
2000 to 2010	28%	20%	41%
2010 to 2020	39%	11%	46%
2020 to 2030	12%	9%	20%

SOURCE: Metropolitan Council Regional Development Framework.

Age Distribution

As illustrated in Table 6, The 1990 Census and the 2000 Census provide historical figures regarding Lakeville’s population distribution by age category. Lakeville’s residential growth continues to be largely generated by young families. As a result, the community’s age profiles are dominated by children and adolescents younger than 14 years and by adults age 25 to 44. The percentage of the total population in these categories exceeds those of Dakota County and the Seven-County Metro Region. In contrast, Lakeville has fewer young adults 15 to 24 and older adults over 45 compared

to the Metro Area as a whole. Lakeville is significantly lower in senior population compared to Dakota County and the Metro Area.

As the City matures, its age profile will likely become more consistent with the remainder of Dakota County and ultimately, the Metropolitan Area. Lakeville's projected growth through the next decade will still be primarily comprised of young families. However, the City must be cognizant of the maturation of its existing population and address its changing demographics in its recreational planning. The 1990 Census showed a median age of 27.9 in the City, while the 2000 Census indicated a median age of 31.5. The change in median age illustrates the gradual maturation of the City's population that will continue through 2010 and beyond.

TABLE 6 POPULATION ACCORDING TO AGE GROUP 1990 & 2000								
Age Group	Lakeville				Dakota County		7-County Metro	
	No. 1990	No. 2000	% 1990	% 2000	No. 2000	% 2000	No. 2000	% 2000
School Age:								
0-4	2,952	4,358	11.9	10.1	27,585	7.8	188,236	7.1
5-9	2,747	4,655	11.0	10.8	29,549	8.3	198,690	7.5
10-14	2,128	4,413	8.6	10.2	30,047	8.4	197,611	7.5
15-19	1,566	3,104	6.3	7.2	25,050	7.0	183,491	6.9
Sub-Total	9,939	16,530	37.7	38.3	112,231	31.5	768,028	29.1
Labor Force:								
20-24	1,353	1,561	5.4	3.6	19,817	5.6	173,732	6.6
25-34	6,083	6,554	24.4	15.2	54,030	15.2	411,155	15.6
35-44	4,625	9,757	18.6	22.6	68,194	19.2	469,324	17.8
45-54	1,961	5,215	7.9	12.1	49,249	13.8	363,592	13.8
55-64	854	2,285	3.4	5.3	26,137	7.3	200,980	7.6
Sub-Total	14,876	25,372	60.0	59.0	217,427	61.1	1,618,783	61.3
Retired:								
65+	585	1,226	2.3	3.0	26,246	7.4	255,245	9.7
TOTAL	24,854	43,128	100.0	100.0	355,904	100.0	2,642,056	100.0
SOURCE: U.S. Census 1990, 2000								
NOTE: Seven County Metropolitan Area includes Anoka, Carver, Dakota, Hennepin, Ramsey, Scott and Washington Counties.								

School Enrollment

Lakeville is served by Lakeville School District 194, Rosemount School District 196, and Farmington School District 192, as shown on Map 7. Tables 7, 8 and 9 show enrollment figures for the three districts from the 2000-2001 school year through the 2004-2005 school year. Official school enrollment numbers are measured in October.

Enrollments in the Farmington and Lakeville School Districts have experienced significant increases in student enrollment from 2000 to 2005. The most substantial increases were among the Pre-Kindergarten and 6th-12th grades. The Rosemount School District has been experiencing gradual declines in student enrollment due to a

decreasing amount of vacant land and stabilizing growth trends, as this district also serves the more fully-developed communities of Eagan and Apple Valley.

Most of Lakeville is served by the Lakeville School District. The middle school and high school grades have shown high rates of increase, reflecting maturation of Lakeville's households. Enrollment increases are expected to persist in all age groups reflecting the continued influx of young families to the area.

TABLE 7 FARMINGTON ISD 192 ENROLLMENT						
Grade	2000-'01	2001-'02	2002-'03	2003-'04	2004-'05	% Change 2000-2005
Pre-K	79	84	91	93	87	10.1
K	432	432	474	512	457	5.8
1-5	1,958	2,085	2,184	2,295	2,427	24.1
6-8	1,065	1,154	1,195	1,240	1,267	19.1
9-12	1,258	1,263	1,317	1,311	1,376	9.4
K-12	4,713	4,934	5,170	5,358	5,527	17.3

Source: MN Dept. of Education

TABLE 8 LAKEVILLE ISD 194 ENROLLMENT						
Grade	2000-'01	2001-'02	2002-'03	2003-'04	2004-'05	% Change 2000-2005
Pre-K	92	101	105	116	121	31.5
K	729	735	719	775	743	2.0
1-5	3,799	3,867	3,939	3,992	4,108	8.1
6-8	2,260	2,408	2,488	2,531	2,548	12.7
9-12	2,601	2,834	2,903	3,098	3,235	24.4
K-12	9,389	9,844	10,049	10,396	10,634	13.3

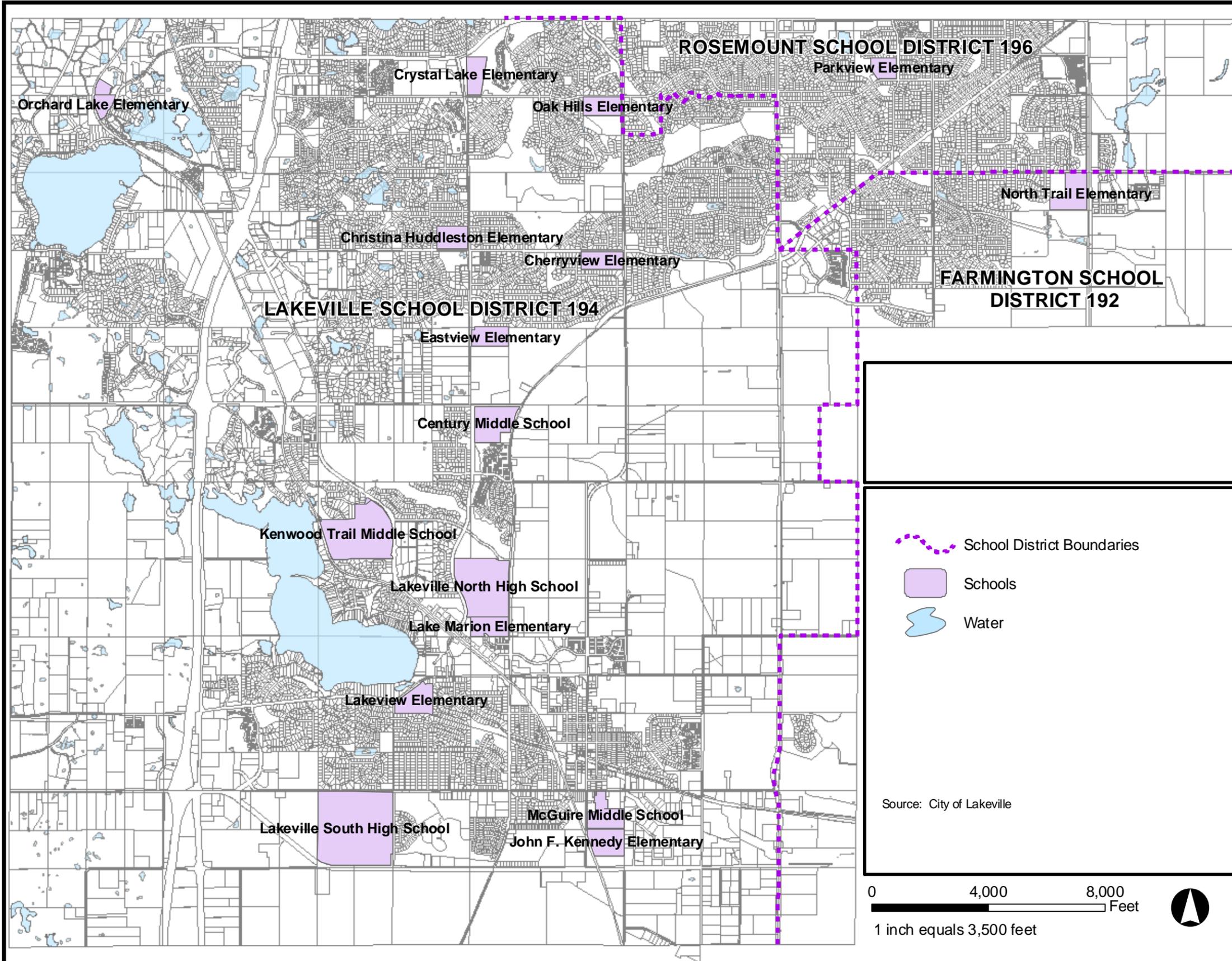
Source: MN Dept. of Education

TABLE 9 ROSEMOUNT ISD 196 ENROLLMENT						
Grade	2000-'01	2001-'02	2002-'03	2003-'04	2004-'05	% Change 2000-2005
Pre-K	341	337	347	407	390	14.4
K	1,967	1,910	1,899	1,841	1,820	-7.5
1-5	10,827	10,533	10,410	10,297	10,212	-5.7
6-8	6,633	6,780	6,779	6,812	6,593	-6.0
9-12	8,562	8,804	9,051	9,204	9,352	9.2
K-12	27,989	28,027	28,139	28,154	27,977	-0.04

Source: MN Dept. of Education



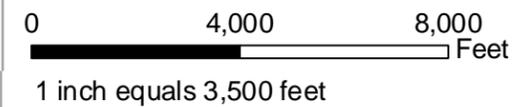
City of Lakeville 2006 Parks, Trails & Open Space Plan



MAP 7: SCHOOL DISTRICTS

 School District Boundaries
 Schools
 Water

Source: City of Lakeville



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Households

Lakeville residents overwhelmingly own their housing, which is predominantly single family, as compared to the percentage of renter occupied units. This generally allows for a lower housing unit turnover and increased opportunities to advocate long term community investments in park land and recreation facilities. Tables 10 through 13 illustrate the anticipated household trends within the City of Lakeville. During the 1990s, Lakeville added an average of 557 new households annually. Forecasts suggest that the household growth rate will remain strong through the year 2020 and then begin to decrease as the City nears development saturation.

The average household size in Lakeville has declined over the past two decades. This trend is attributed to several socioeconomic factors including, maturation of existing households (resulting in an increasing number of empty nesters), married couples waiting longer to have children and families having fewer children. These factors are anticipated to continue and will, in effect, gradually change the age composition of Lakeville's population. Lakeville is not the only community experiencing such changes, these socioeconomic factors are nationwide and have caused an overall decrease in the Country's household size.

	Population	Household	Household Size
1990	24,854	7,851	3.17
2000	43,128	13,609	3.17
2010	55,300	19,200	2.88
2020	76,500	28,000	2.73
2030	86,000	33,500	2.57

Source: U.S. Census 1990, 2000; Metropolitan Council Development Framework.

Tables 11 through 13 provide a more detailed profile of Lakeville households, taken from the 1990 and 2000 Census. Of the 7,890 households in Lakeville in 1990, 6,679 or 84.7 percent were families, comprised mostly of married couples. Approximately 57 percent of the total households consisted of families with children, while only 15 percent of all households were non-family households. In 2000, the percentage of family versus non-family households remained nearly identical to the 1990 figures. There was a slight decrease in the percentage of non-family households (-0.6%) and a slight increase in the percentage of family households (0.6%).

	Number of Households		Percent of Total Households	
	1990	2000*	1990	2000*
Family Households	6,679	11,635	84.7	85.3
Non-Family Households	1,211	1,998	15.3	14.7
Total Households	7,890	13,633	100.0	100.0

*Taken from Census 2000 Summary File 3 – Sample Data (figures may differ slightly from other 2000 Census figures)

The percent of family households with children has remained steady from 1990 to 2000. There has been, however, a slight increase in the percent of households in Lakeville

without children, while the percent of non-family households has declined somewhat during the same time period. The result of this is a slight increase in the numbers of family households without children (i.e., married couples).

TABLE 12				
1990 AND 2000* HOUSEHOLD TYPES				
HOUSEHOLDS WITH CHILDREN				
	Number		Percent of Total Households	
	1990	2000*	1990	2000*
Family Households w/ Children	4,473	7,716	56.7	56.6
*Taken from Census 2000 Summary File 3 – Sample Data (figures may differ slightly from other 2000 Census figures)				

TABLE 13				
1990 AND 2000* HOUSEHOLD TYPES				
HOUSEHOLDS WITHOUT CHILDREN				
	Number		Percent of Total Households	
	1990	2000*	1990	2000*
Family Households w/o Children	2,206	3,919	28.0	28.7
Non-Family Households	1,211	1,998	15.3	14.7
*Taken from Census 2000 Summary File 3 – Sample Data (figures may differ slightly from other 2000 Census figures)				

Inventory of Existing Park, Trail & Open Space Facilities

The City of Lakeville is serviced by a variety of recreational facilities provided by the city, regional government, school districts and private enterprise. In addition, the community has limited benefits from abutting communities whose facilities may service Lakeville's residents. This chapter summarizes these existing parks, trails and open space facilities and the resources currently available to Lakeville residents.

Existing Park Classification System

Lakeville's park system is comprised of a variety of sites & facilities which conform to a classification hierarchy according to their use, size and facility development. Park classification assists in providing a comprehensive system which responds to the community's needs, its land-use patterns and densities and the area's physical characteristics.

The classification system is based upon nationally recognized park types with modifications made for local conditions and Lakeville's specific needs. It is a tool to assist Lakeville's decision-makers in determining park locations, sizes and functions. Specific standards and criteria are recommended for each park class, however, compromises may be required as dictated by local circumstances.

Community Park

Community parks should be differentiated from neighborhood parks by two factors: size and function. Community parks should be a minimum of 25 acres in size with facilities or uses targeted for the entire City. Their location should capitalize upon lakes, rivers, or wooded areas which appeal to larger groups and provide for community-wide access. Facilities should be sized and developed to accommodate large crowds and special events. Community festivals, events and holidays should be considered when locating and planning such parks. Facilities are often related to the park's natural resource base. Activities typically include walking, picnicking (family and large group), viewing, water sports, passive sports and organized community events.

Service Area:	Community wide
Per Capita Standard:	Five to eight acres per 1,000 people
Desirable Size in Acres:	Minimum size 25 acres, with 50 to 100 acres most desired.

Primary Function/User Groups: Extensive area for community-wide use which may provide active, passive, educational, cultural or programmed functions for all age groups. Community parks should integrate unusual or attractive natural features such as water bodies into the park for preservation and recreational use. Ample off-street parking and good access from collector or minor arterial roadways is desirable.

Locational Characteristics: Locations that provide for convenient access for entire community via major roadways and trails and at sites that make use of existing natural features such as lakes, creeks or greenway corridors and wetlands.

Typical Facilities:

Active

- Beachfront
- Boat access
- Multiuse trails
- Active facilities compatible with large group picnics such as volleyball, horseshoes, softball, or court games
- Play structure(s) for various age groups

Passive

- Picnic facilities
- Seating with attractive views
- Fishing
- Natural interpretation
- Trails (various types)

Support Facilities

- Comfort facilities with restrooms which may integrate an information center, picnic facility, storage or other building requirements
- Parking for large groups and community events
- Signage
- Adequate waste collection and storage

Community Playfield/Athletic Complex

Community playfields are targeted towards organized adult and youth play on a citywide basis. The majority of the users for these facilities will come from beyond a walking range and as a result will require adequate parking and available restrooms. Community playfields should respond to the following types of athletic facility needs: softball fields, baseball fields, soccer/football fields, multiple tennis courts, swimming pools, hockey rinks and pleasure skating rinks. Facility use and team competition play may require site lighting and irrigation to extend their usable hours. Community playfields should be maintained with more intensity than other parks due to the amount of use and level of play.

Community playfields generally service populations up to 25,000, however, their service base relates primarily to individual facility needs and the demands placed on them by user groups. Minimum size should not be less than 20 acres with optimum size being 30 acres or larger. Locations near thoroughfares to accommodate vehicle access and movement is preferred. Joint use of facilities with elementary, middle or senior high schools can be considered where schedules and maintenance requirements agree.

Athletic facilities require regular geometrically shaped parcels, flat topography, well drained soils, minimal vegetation, and insignificant wetland constraints.

Service Area: Community-wide

Per Capita Standard: 2.0 to 2.5 developed acres per 1,000 people

Desirable Size in Acres: Minimum 20 developed acres, maximum 60 developed acres

Primary Function/User Groups: Participants in athletic activities which may be organized or informal and which utilize the athletic fields and court facilities.

Locational Characteristics: Facilities should be located close to a community collector or minor arterial roadway on a site whose topography has minimal change. Proximity to secondary schools may be desirable to allow for shared use of facilities parking and lighting. Facilities should be centrally located within the community or may be dispersed if multiple sites are developed and distributed through the community.

Typical Facilities:

Active

- Baseball
- Softball
- Football
- Soccer
- Lacrosse

- Ice Hockey
- Basketball
- Tennis Complex (multiple courts)
- Free Skating
- Swimming Pools
- Disk Golf
- Play Apparatus

Passive

- Spectator seating and bleacher areas
- Picnic facilities for group events and tournaments
- Trails connecting facilities and links to the community trail system

Support Facilities

- Vehicle parking for players and spectators, including buses
- Comfort facility including restrooms and concessions
- Storage facilities

Neighborhood Parks

Lakeville's neighborhood parks are the fundamental building blocks of the park and open space system. Neighborhood parks are distributed throughout the community's residential areas and are intended to provide equal facilities and access.

Optimum service areas for neighborhood parks should be within a one-half to three-quarter mile radius unobstructed by roadway or physical barriers. Resident population served should not exceed 5,000, which is approximately equal to a development density of 3.0 dwelling units per acre. Convenient linkages from the neighborhood into the park should occur along with community trail connections.

Sites selected should possess physical features which accommodate the basic development program. Characteristics are gently rolling to level terrain with well drained soils, partially wooded, regular geometric shape and street access. Wetland or water basin features are acceptable and may be desirable, however, soil or drainage conflicts should not result.

Neighborhood parks should ideally be 8 to 20 acres in size, for both active and passive uses. In some cases, joint use of elementary or middle school sites should be considered to minimize duplication of active recreation facilities. Neighborhood park sites should provide for a variety of uses and possess land characteristics which allow for ball field play as well as canopy vegetation for picnicking.

Service Area: Approximately one-half to three-quarter mile radius uninterrupted by principal roadways or major physical barriers. Secondary service to residences within three-quarter mile radius.

Per Capita Standard: 2.5 to 3.5 developed acres per 1,000 people

Desirable Size in Acres: Maximum park size of 8 to 20 acres with 7 to 10 acres developed for active functions. The remainder may be passive or provide other functions.

Primary Function/User Groups: The park should provide informal neighborhood open space with provisions for active recreation use which responds to residential neighborhood needs. Primary users will be children and families rather than organized athletic functions.

Locational Characteristics: Centrally located within service area or defined neighborhood, the park may be adjacent to elementary or middle school facilities or other park elements. Primary access should occur by pedestrian or bicycle means. Neighborhood parks should be connected by the community trail system. Secondary means should include street access with vehicle parking facilities provided. Adjacent land use should be residential (limited to two edges), school grounds, collector roadway, or community open space.

Natural characteristics should include topography that has flat to rolling terrain and well-drained soils compatible with facility development. Vegetation should be representative of the neighborhood, partially wooded preferred. Visibility should allow good sight lines into parcel for park security. Water features such as ponds, streams, or wetlands should be included if they are compatible with facility development and do not pose safety problems.

Typical Facilities:

Active

- Informal playfield (not lighted) compatible with softball or soccer use but not programmed use
- Creative play structures and apparatus for children of varying ages including tots (2-5 years), young children (5-6) and older children (9-12)
- Trails - both internal loops and access to community system
- Sledding
- Multiuse hard surface play court (basketball, court games)
- Tennis courts (optional, can vary by location and neighborhood desires)
- Skating – both lighted hockey and pleasure skating

Passive

- Picnic accommodations for small groups
- Park benches
- Walking trails and trail connections to neighborhood and community trail system

Support Elements

- Trash containers
- Landscaping with native plant materials
- Identification sign/regulatory signs
- Off-street parking, disability accessible (20 car standard)
- Park shelter for principal neighborhood parks (15 acres and larger that are geographically distributed throughout the City)

Other Comments

- Active area should be oriented away from residential edges
- Parcels should not be fragmented in layout
- Summer programming optional where park shelter is available
- Outdoor hockey rinks with lighting and free skating rinks may be located in neighborhood parks where a park shelter is located. Additional parking amounting to 20-30 spaces should be provided adjacent to hockey rinks.
- Potential park dedication credits may be considered for private area greenspace, play areas or other recreational amenities where impacts to community wide system are satisfactorily addressed.

Mini-Parks (also known as Tot Lots or Pocket Parks)

Mini-parks are intended to service special neighborhoods due to geographic limitations. They have insufficient size to fulfill the needs of a complete neighborhood park. The sites usually have less than five acres of usable land and therefore only allow for play equipment, multiuse hardcourts and possibly substandard ball fields (suitable for informal recreation). These areas are highly individual neighborhood facilities based upon the nature of the site and the needs of the immediate adjacent population.

In general, mini-parks should be limited to those residential neighborhoods which cannot be adequately served by a neighborhood park due to physical limitations or access constraints. Their use may increase as social concerns regarding child security become more apparent. For example, a mini-park may be considered for a small neighborhood which is one-quarter to one-half of a mile from other park facilities and perhaps isolated by major streets or highways. Mini-parks tend to pose operation and maintenance problems due to their small size and inefficient maintenance requirements. Lakeville could require, in unusual circumstances, that developers own and operate mini-parks to serve their projects if the neighborhood is of medium to high density residential and not in close proximity to a neighborhood or community park.

Credits may be given to developers when they opt to incorporate private area green space, playgrounds or other recreational amenities into their development, but only when such private facilities are in addition to community wide system requirements.

Examples of these occurrences are Brandjten Farms, HRA and Dakota County residential development sites.

Service Area: Less than one-quarter mile radius preferred
One-half mile radius in select circumstances

Per Capita Standard: 0.25 to 0.50 acres per 1,000 people

Desirable Size in Acres: Minimum size of one acre, maximum size of five acres

Primary Function/User Groups: Facility should respond to specific user groups such as children or senior citizens within residential areas not adequately served by neighborhood parks.

Locational Characteristics: Mini-parks can be public or privately owned and maintained, and should be located primarily within medium and high density residential areas whose population is not adequately serviced by neighborhood parks. Mini-parks may also be located in single family residential areas; however, their use should be limited to neighborhoods which cannot be serviced by neighborhood parks due to access, environmental barriers or unusual neighborhood needs.

Typical Facilities:

- Seating areas
- Small picnic area
- Small play structure
- Facilities for seniors such as horseshoe courts (in senior residential community)
- Adequate pedestrian access (no vehicle access or parking should be provided)
- Multi-use half court/basketball hardcourt

Greenways / Linear Parks

Park facilities with this designation function to accommodate varying trail modes, however, they typically incorporate wider right-of-way or parcel widths. Linear park and greenway uses can include paved trails for walking, hiking, biking, snowmobiling, equestrian, cross-country skiing, and pleasure driving. Additionally, these parks provide picnic areas, small play areas, restroom facilities, lighting, interpretive signs and commuter trails. The community's trail system should capitalize upon linear parks, utilizing them for providing connection and transition areas to and from other trails and parks.

Natural corridors such as drainageways and water ways, wetland systems, wooded areas, or bluff lines can serve as linear parks or greenways. Similarly, cultural or legal features such as utility right-of-way, easements, abandoned rail corridors, parkway

roadways and property linkages or other miscellaneous City property can also be designated.

The principal objective of greenways/linear parks is to preserve sufficient resource areas such that users can appreciate their character and that the natural qualities are conserved through designation and operation policies.

Service Area: Community-wide

Per Capita Standard: Not applicable

Desirable Size in Acres: Varies by use and function, but corridors are to be a minimum 100 feet in width.

Primary Function/User Groups: Area that provides for recreational hiking, picnic areas, small play areas, commuting, biking, cross-country skiing or other linear trail/greenway modes.

Locational Characteristics: Typically includes natural or designated corridors such as utility rights-of-way, or natural features including bluff lines, vegetation patterns, water features, and other characteristics consistent with recreational use. Greenways may be nature trails, and often link other activity nodes such as parks, schools, other community features, residential neighborhoods or community commercial areas. They are distinct from typical trail corridors by wider rights-of-way and the use of facility amenities.

Typical Facilities: Trails are the typical development within Greenways and may provide for a variety of recreational modes. Support facilities should be provided such as rest areas incorporating elements such as small play areas, benches, picnic tables, comfort facilities, interpretive and informational signing, lighting, trail access points, parking areas and scenic overlooks.

Greenways/Conservancy Areas

Greenways/conservancy areas have the primary goal to conserve and manage sensitive natural areas within the community. Large wetlands, sensitive vegetation, storm drainageways, retention ponds, wildlife corridors, and unique environmental areas should be preserved by this conservation designation. In general, conservation areas should be acquired through means other than park dedication or direct purchase, such as tax forfeiture procedures, direct developer dedication, utility easement, or drainage easement, purchase of conservation easements, and use of miscellaneous City properties.

Limited passive recreation can be allowed within conservation areas provided that their use is compatible with the management and intent of the parcel. Such activities may include nature interpretation areas, hiking and biking trails, picnicking, and wildlife observation. Trail surfaces should be paved for maintenance with additional woodchip or aggregate surfaces to allow for multi-seasonal use including cross-country skiing or snow shoeing. Active recreational uses should be limited from parcels with this classification except for low-impact activities such as walking, running, biking, cross country skiing, etc.

Service Area: Community-wide

Per Capita Standard: Not applicable

Desirable Size in Acres: Variable

Primary Function/User Groups: Uses are limited to wildlife corridors, picnic areas, nature viewing, environmental education, interpretive areas, passive hiking or other trail modes consistent with resource preservation, conservation or specific management requirements necessary to maintain the area's natural characteristics.

Locational Characteristics: Conservation designations should be used in areas of special environmental sensitivity including creek valleys, wetlands, wetland buffer areas, bogs, lake front views, unusual vegetation, storm drainage areas, retention ponds, stands of significant trees or unique bluff areas.

Typical Facilities: Developed facilities should be limited to elements compatible with resource preservation or management and may include passive trails, interpretive signing, controlled vehicle or trail access through signing.

Special Uses Parks/Facilities

Facilities which provide special activities, unique built environments or single purpose events fit in this classification. Their need should respond to distinct markets, demands or opportunities within the community. Characteristics vary widely in response to the facility, its site, and the demand responded to.

Service Area: Community-wide

Per Capita Standard: Variable

Desirable Size in Acres: Varies by function and facility type

Primary Function/User Groups: Areas are for single-purpose recreation activities whose use requires a freestanding facility because of specific parcel characteristics or incompatibility with other recreational areas. Uses typical of this special designation include golf courses, nature centers, conservatories, arboretums, gardens, fishing piers, amphitheaters, downhill ski areas, or frisbee golf. Locations will be dictated by the use's specific needs for unusual physical characteristics such as topography, water features, vegetation or soils; or those uses which need to be buffered or kept independent of developed areas.

Locational Characteristics: Variable based on facility purpose.

Typical Facilities: Variable based on facility purpose.

Historic Sites

The primary opportunity for formal designation of a site with historical or cultural significance is the Lakeville Area Arts Center (formerly the All Saints Church). As such, classification for these types of facilities is established should this effort be pursued or other sites are identified for potential designation. The Parks, Recreation and Natural Resources Advisory Committee should work collectively with the Lakeville Historical Society and the Dakota County Historical Society to facilitate identification and designation of potentially significant historical sites within the Community.

Service Area: City-wide

Per Capita Standard: Not applicable

Desirable Size in Acres: Varies according to historical feature or element to be preserved or interpreted. Size should be minimum one-half acre to encourage use and provide for support facilities.

Primary Function/User Groups: Site should preserve or interpret historic areas or buildings of community significance with endorsement by local historical commission.

Locational Characteristics: Determined by historic site

Typical Facilities: Sites may be land parcels or structures which have unusual or unique historic significance to the community and merit preservation, interpretation or other related community uses. Facilities vary

according to need for preservation, interpretive function and security. Support facilities may include parking, comfort facilities, trails and signing.

Existing Park Facility Inventories & Assessments

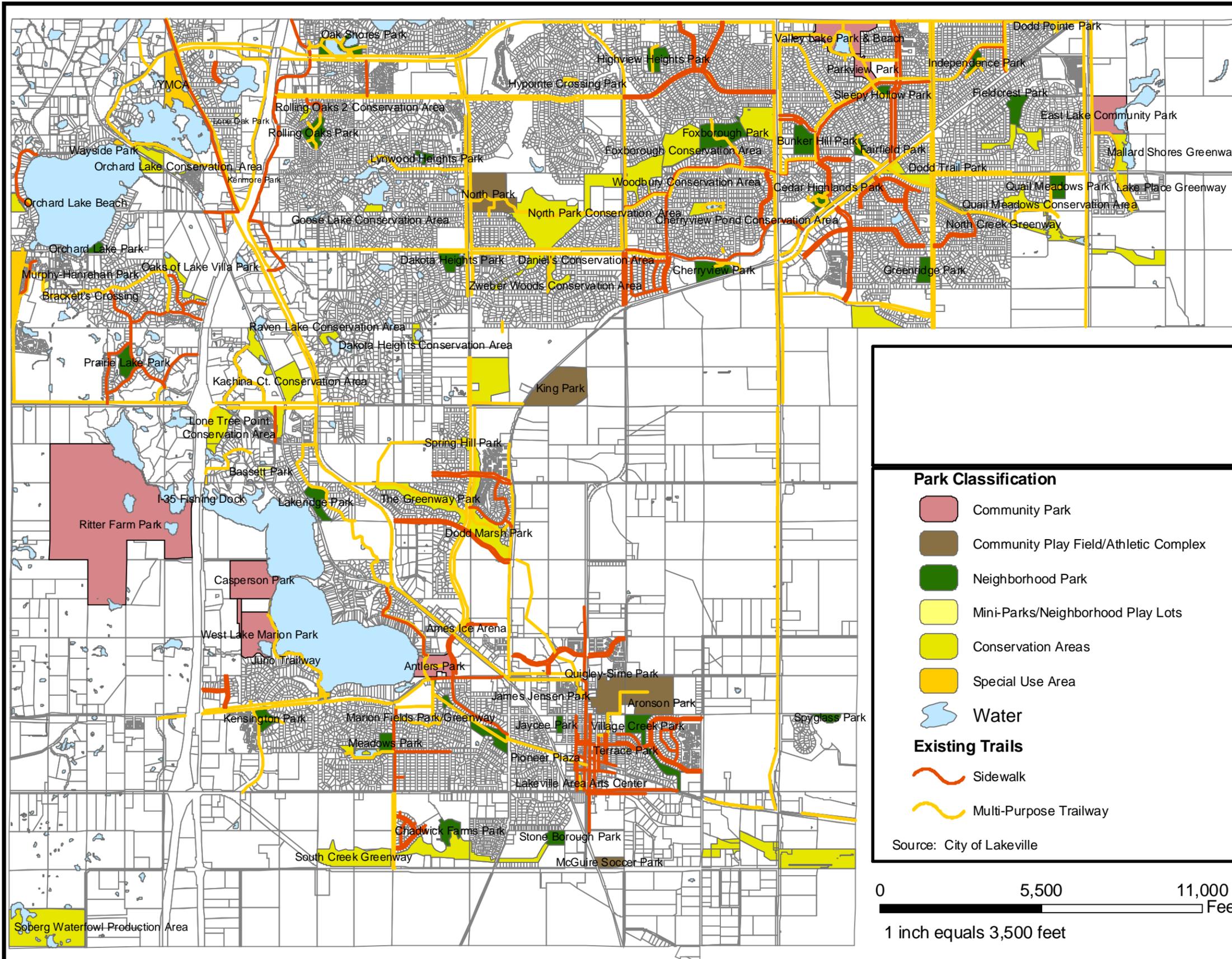
Map 8 shows the locations of all existing parks in Lakeville. A detailed inventory and facility assessment for each park has been included as Appendix A along with individual park plans (if available). Park descriptions include name, location, size, classification, adjacent land use and both existing and proposed facilities/equipment. Recommendations for future changes have also been summarized as part of Appendix A based upon planned improvements, but will be discussed in more detail in following chapters.

Table 14 is a summary chart of all city parks and greenway/conservancy areas that identifies each area's classification, location, size and existing facilities/equipment. There are 73 park and greenway/conservation areas comprising 1,607.18 acres, broken down as follows: nine community parks, four community play fields, 19 greenway/conservation areas, 32 neighborhood/mini parks, and six special use areas.



City of Lakeville 2006 Parks, Trails & Open Space Plan

MAP 8: EXISTING PARKS AND TRAILS



Park Classification

- Community Park
- Community Play Field/Athletic Complex
- Neighborhood Park
- Mini-Parks/Neighborhood Play Lots
- Conservation Areas
- Special Use Area
- Water

Existing Trails

- Sidewalk
- Multi-Purpose Trailway

Source: City of Lakeville



1 inch equals 3,500 feet



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May 2006

TABLE 14 Park Facilities (as of January 1, 2005)							Location	Park Classification	Address	Total Acres	Active Acres	Archery	Baseball Field	Basketball Court	Biking/Walking Trails	Boat or Canoe Launch	Conservation Area	Cross-country Skiing	Equestrian Trails	Fishing	Flower Gardens	Football Field	Hockey Rink	Horseshoe Pits	Park Building	Parking	Picnic Facilities	Picnic Shelter	Playground Equipment	Pleasure Skating	Restrooms	Stedding	Snowmobile Trails	Soccer Field	Softball Field	Swimming	Tennis Court	Volleyball Court	
PARK FACILITIES																																							
1	Antlers Park	I-6	CP	9740 - 201st Street West	12.00	10.00								EF						EF	EF			EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	
2	Aronson Park	I-9	CP	8250 - 202nd Street West	70.00	55.00								EF							EF				EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	
3	Bassett Park	F-4	TL	18959 Orchard Trail	0.75	0.50							EF	EF		EF																							
4	Bracketts Crossing Park	D-1	TL	17775 Layton Path	1.00	0.25							EF			EF												EF											
5	Bunker Hill Park	B-11	NP	16755 Gerdine Path	10.00	9.00							EF	EF							EF		EF		EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	
6	Casperson Park & Boat Launch	H-4	CP	19720 Juno Trail	40.00	9.00								EF	EF	EF				EF				EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	
7	Cedar Highlands Park	C-11	NP	17191 Gerdine Path	8.90	1.00								EF	EF										EF														
8	Cherryview Park	D-10	NP	7925 - 175th Street	12.50	9.00							EF	EF							EF		EF		EF	PF		EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	
9	Dakota Heights Park	D-6	NP	9550 - 175th Street West	12.00	8.00								EF	EF						EF		EF-PHR		EF	EF		EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	
10	Dodd Marsh Park	G-7	C	19119 Inndale Drive	27.37	2.00								EF	EF																								
11	Dodd Pointe Park	A-14	TL	5646 - 160th St. West	2.50	0.50							EF	EF												EF		EF											
12	Dodd Trail Park	C-12	NP	17035 Flagstaff Avenue	11.30	11.00							EF	EF											EF	EF		EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF
13	East Lake Community Park	B-15	CP	5450 165th Street West	40.00	0.00							PF	PF	PF	EF				EF	PF	PF		PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF	PF
14	Fairfield Park	B-12	NP	16776 Gannon Avenue	4.00	4.00									PF											EF		EF											
15	Fishing Dock (I-35)	F-3	SUA	19150 Kenrick Avenue	0.25	0.00														EF					EF														
16	Foxborough Park	B-10	NP	7743 Upper 167th Street	27.00	21.00							EF	EF	EF		EF				EF		EF		EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF
17	Greenridge Park	D-12	NP	17685 Flagstaff Avenue	10.00	10.00								EF	EF						EF		EF		EF	PF		EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF
18	Highview Heights Park	A-9	NP	16314 Havelock Way	10.00	9.00								EF	EF						EF		EF		EF	EF		EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF
19	Hypointe Crossing Park	A-8	TL	16396 Hutchinson Drive	2.00	1.25								EF	EF											EF		EF											
20	Independence Park	A-13	NP	16256 Finch Way	6.00	6.00									EF											EF		EF											
21	James Jensen Park	I-8	SUA	20390 Howland Avenue	3.50	3.00															EF							EF											
22	Jaycee Park	J-8	NP	20510 Hull Avenue	3.50	3.00								EF											EF			EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF
23	Juno Trailway Trailhead	I-5	SUA	Lake Marion @ 205th Street	1.00	0.00								EF	EF					EF					EF	PF													
24	Kenmore Park	C-4	TL	17020 Kenmore Drive	0.25	0.20																						EF											
25	Kenreel Park	B-3	TL	16521 Kenreel Avenue	0.25	0.25																				EF		EF											
26	Kensington Park	J-4	NP	20600 Kensington Blvd.	10.00	8.00							EF	EF							EF				EF	EF		EF	PF	EF	EF	EF	EF	EF	EF	EF	EF	EF	
							CP	Community Park	NP	Neighborhood Park	CPF	Community Play Field	SUA	Special Use Area	C	Conservation Area	TL	Tot Lot/Mini Park																					
							EF	Existing Facilities	PF	Proposed Facilities	EF-MR	Existing Facilities Modern Restrooms	EF-P	Existing Facilities Portable (Seasonal)	EF-PHR	Existing Facilities-Paved Hockey Rink	A	Amphitheatre																					

TABLE 14 Park Facilities (as of January 1, 2005)							Location	Park Classification	Address	Total Acres	Active Acres	Archery	Baseball Field	Basketball Court	Biking/Walking Trails	Boat or Canoe Launch	Conservation Area	Cross-country Skiing	Equestrian Trails	Fishing	Flower Gardens	Football Field	Hockey Rink	Horseshoe Pits	Park Building	Parking	Picnic Facilities	Picnic Shelter	Playground Equipment	Pleasure Skating	Restrooms	Sledding	Snowmobile Trails	Soccer Field	Softball Field	Swimming	Tennis Court	Volleyball Court		
PARK FACILITIES (cont.)																																								
27	King Park	E-8	CPF	18350 Dodd Blvd.	50.00	45.00		EF	EF											EF					PF	EF	EF		PF		EF-P									
28	Lakeridge Park	G-5	NP	19070 Jewel Path	12.00	5.50											EF											EF	EF											
29	Lone Oak Park	B-4	TL	11075 Lower 167th Street	0.50	0.50																							EF											
30	Lynwood Heights Park	B-6	NP	16790 Jackpine Way	3.40	0.00							EF	EF														PF	EF											
31	Marion Fields Park/Greenway	J-7	NP	20711 Dodd Blvd.	5.15	1.00							EF							EF								EF	EF											
32	McGuire Soccer Park	K-9	CPF	8585 - 215th Street	8.00	6.00																				EF					EF-P			EF						
33	Meadows Park	J-6	NP	20707 Jacquard Avenue	17.00	6.00						EF	EF									EF-PHR				EF	EF		EF	EF	EF-P			EF	EF			EF		
34	North Park	C-7	CPF	17100 Ipava Avenue	42.00	36.00		EF	EF	EF											EF				EF	EF	EF	PF	EF	EF	EF-M			EF						
35	Oak Shores Park	A-5	NP	10435 - 162nd Street West	23.00	4.00			EF	EF	EF										EF					EF	EF		EF	EF-P					EF		EF			
36	Oaks of Lake Villa Park	D-3	C	Keokuk Ave N of Ketchikan	9.82	0.00							EF	EF														PF												
37	Orchard Lake Beach	C-1	SUA	17195 Judicial Road	0.50	0.50											EF			EF					EF	EF	EF	EF	EF	EF	EF	EF	EF	EF-MR			EF			
38	Orchard Lake Park	D-2	CP	11875 - 175th Street West	3.20	2.50									EF										EF	EF	EF	EF	EF	EF	EF	EF	EF	EF	EF-MR					
39	Parkview Park	A-12	CP	6833 Gerdine Path	11.00	8.00							EF	EF														EF-PHR	EF	EF	EF	EF	EF	EF	EF	EF-MR			EF	EF
40	Pioneer Plaza	J-8	SUA	20801 Holyoke Avenue	0.50	0.25															EF					EF	EF													
41	Prairie Lake Park	E-2	NP	18179 Kingsway Path	9.67	7.00							EF	EF							PF		PF		PF	EF	EF	EF	EF	PF	PF				EF	EF				
42	Quail Meadows Park	C-14	NP	5580 - 170th Street West	10.00	9.00							EF	EF														EF-PHR	EF	EF	EF	EF	EF	EF-P			EF	EF		
43	Quigley-Sime Park	I-8	CPF	8500 - 202nd Street West	27.00	15.00							EF	EF																	EF-MR									
44	Ritter Farm Park	G-3	CP	19300 Ritter Trail	340.00	66.00		EF					EF	EF	EF	EF	EF									EF	EF	EF	EF			EF-P	EF	EF						
45	Rolling Oaks Park	B-5	NP	10595 - 167th Street West	12.00	11.00							EF	EF														EF-PHR	EF	EF	PF	EF	EF	EF-P	EF		EF	EF		
46	Sleepy Hollow Park	B-12	NP	6846 Gerdine Path	4.00	4.00								EF														EF	EF											
47	Spring Hill Park	F-6	C	18700 Ipava Avenue	3.13	0.00											EF																							
48	Terrace Park	J-9	TL	8475 Lower 208th St. West	1.00	0.50							EF																											
49	The Greenway Park	G-6	NP	19168 Iteri Avenue	29.73	4.00								EF	EF											PF	PF	PF	PF	PF	PF									PF
50	Valley Lake Park	A-11	CP	7165 - Upper 162nd St. West	42.00	10.00								EF	EF						EF	EF				PF	EF	EF	PF	EF	EF	EF-P					EF		EF	
							CP	Community Park	NP	Neighborhood Park	CPF	Community Play Field	SUA	Special Use Area	C	Conservation Area	TL	Tot Lot/Mini Park																						
							EF	Existing Facilities	PF	Proposed Facilities	EF-MR	Existing Facilities Modern Restrooms	EF-P	Existing Facilities Portable (Seasonal)	EF-PHR	Existing Facilities-Paved Hockey Rink	A	Amphitheatre																						

Existing Trail Classification System

Since 1987, the City of Lakeville has been working toward establishing a comprehensive pedestrian and bicycle trail system. The original Trails Plan was completed as a separate document during this year, having been most recently updated in 1992. All applicable information from those Plans has since been updated in 1999, again in 2006, and is incorporated herein.

Multiple Purpose Trailway (MPTW)

Trail segments designed for the integration of a variety of compatible non-motorized trail uses. The MPTWs are bituminous trailways having a minimum trail width of ten (10) feet. The MPTWs are typically off-street trailways developed within the street rights-of-way of minor arterial or major collector streets. The overland MPTW corridors generally provide trail connections between major destinations routed through parks and other areas characterized by aesthetic natural amenities. The MPTWs are intended to be the major elements of Lakeville's trail system in that they are designed and located in a manner that accommodates a full range of trail uses, and provide the most direct routes to major destinations.

Sidewalks (SW)

The City of Lakeville has required sidewalks along both sides of minor collector streets and along one side of residential streets to facilitate safe pedestrian movement through residential neighborhoods and commercial areas. Five (5) foot wide concrete pedestrian sidewalks are the standard design in residential areas and eight (8) foot concrete pedestrian trails on both sides of streets in commercial areas. These sidewalks are reserved exclusively for pedestrian use. Construction of sidewalks is the responsibility of the developer and should be installed when the residential and commercial streets are constructed.

On-Street Bike Lanes (BL)

In areas that are not conducive to the provision of off-street trails due to existing development, limited street right-of-way (i.e., minor collector streets), natural features, or other physical limitations, on-street bicycle routes may be designated. Bike lanes are designated on-street trail segments for the exclusive use of bicyclists. Bike lanes vary from five (5) to eight (8) feet wide paved trail segments located on the street shoulders, usually both sides of the street. Bike lanes are provided and signed to direct neighborhood traffic to the major arterial system or area destinations.

Existing Trail Facility Inventories & Assessments

Currently, the City has numerous trail segments and corridors which are developed and readily utilized. Map 8 shows the existing trail segments by location and corridor type.

Multiple Purpose Trailways

Multiple purpose trailways (MPTWs) are most prevalent in the City because of their versatility and ease of construction in association with street improvements. They provide the most direct routes to user destinations and can be accommodated easily within street rights-of-way, where physical limitations are fewer. Furthermore, the acceptance of trails located along major thoroughfares within residential areas is higher because they are less intrusive to homes relative to traffic and privacy. Ease of visibility and the ability to provide controlled crossings are also benefits of multiple purpose trailways.

MPTWs exist along County Roads 5/50, County Road 46, Ipava Avenue, Highview Avenue, Cedar Avenue, Flagstaff Avenue, Pilot Knob Road, and 165th, 175th, 185th, 195th and 205th Streets. Overland trails are predominantly located within park areas and along greenways, traversing between other on-street or multiple purpose trails in the City. They provide necessary access into and around park facilities and make critical connections over longer stretches in a few areas of the community to link heavily populated areas to major destinations. The overall goal of the MPTW corridors is to provide for community wide circulation and connections to adjacent communities, access to major destinations within the City such as the Lakeville Central Business District and regional destinations such as the Vermillion River or Murphy Hanrehan Regional Park.

On-Street Bike Lanes

On-street bike lanes are located in older areas of the City that are not conducive to the provision of off-street trails due to existing development, limited street right-of-way, natural features, or other physical limitations. Future development is expected to be limited only to providing connections between these on-street bike lane segments and other portions of the trail system.

Sidewalks

Sidewalks are less common in the City. Since 2000, the City has been requiring sidewalks to be constructed by the developer along one side of all local residential through streets and on both sides of local streets within commercial areas. As such, sidewalks mainly exist in a piecemeal manner within older neighborhoods and the central business district where they were established many years ago or where limited right-of-way widths do not allow for a wider, multiple purpose corridor and in newer developed areas of the City. The requirement for construction of sidewalks is to

continue to provide for connections within and between neighborhoods, as well as to provide access to MPTW corridors.

Equestrian Trails

Lakeville has several riding and stable facilities, both within the City and nearby in adjacent communities and townships. The City also has several horse/hobby farms under private ownership which are mainly concentrated in south western Lakeville. Presently, there are horse riding trails existing within Murphy-Hanrehan Park Reserve, Ritter Farm Park, and within privately owned riding and stable clubs. To get to these riding areas, local riders use the street rights-of-way. The City has no designated horse riding trails within other areas of the City, however, resident horse owners do utilize Ritter Farm Park and an area north of Brackett's Crossing for horseback riding.

Cross Country Skiing

Public cross country ski trails exist within Ritter Farm Park. There are no longer any private cross country ski trails within the City. While designated trail routes are not established in all City parks, the City does encourage cross country skiing in the larger community and neighborhood parks.

Snowmobiles

Currently, snowmobile use is allowed within Lakeville on local streets in a very controlled manner. Title 6, Chapter 3 of the City Code outlines the City's rules and regulations for snowmobile operation within Lakeville.

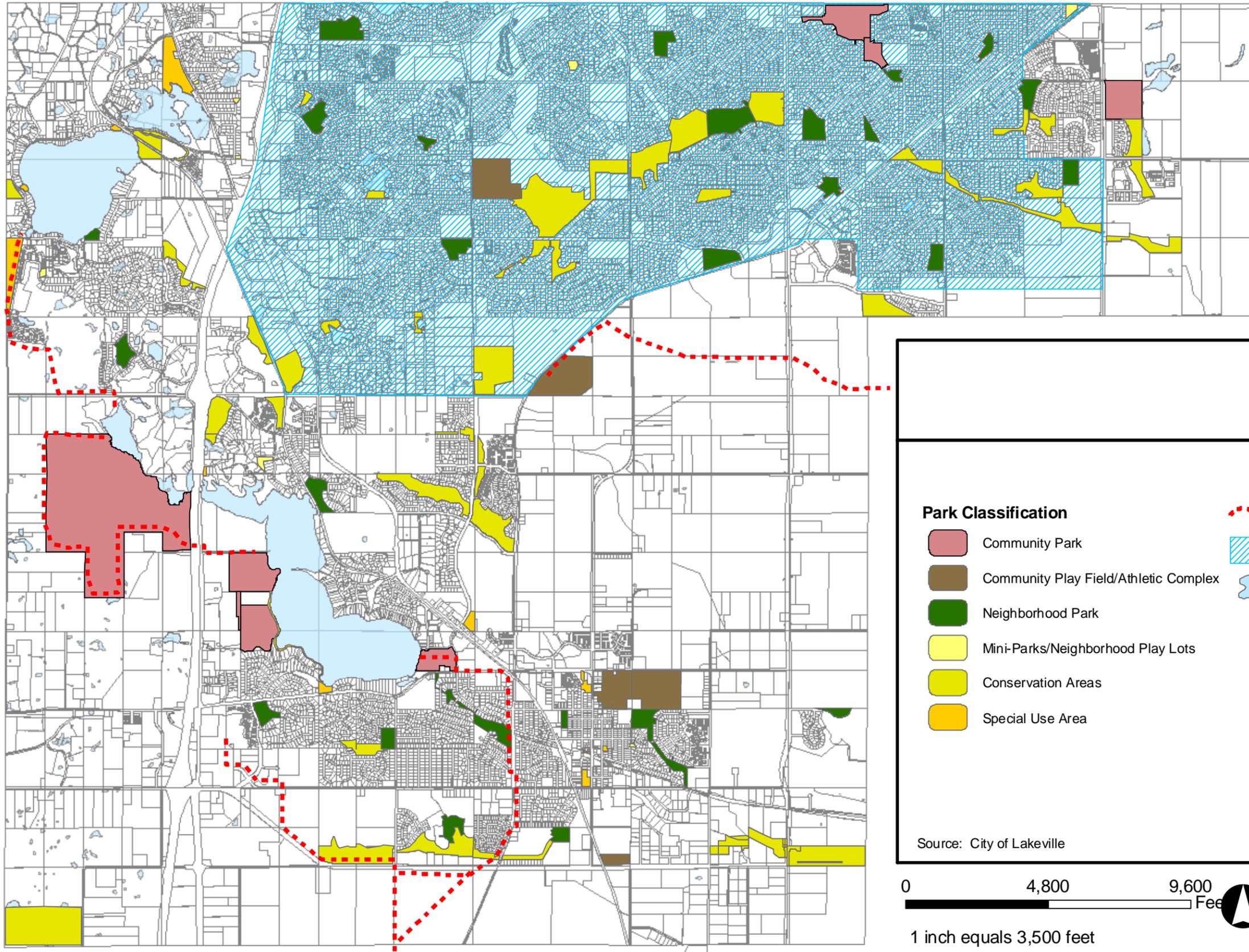
In addition to limited street use of snowmobiles, the City also has three established snowmobile trails. These trails represent only a portion of the Dakota County snowmobile trail system. The three trails, as shown on Map 9, provide for free movement throughout the City and trail connections into Apple Valley, Farmington, Eureka Township, and Credit River Township.

The snowmobile trails are maintained by private snowmobile clubs such as the Lakeville Sno-Trackers. Policing of the trail use is done by the Department of Natural Resources, Lakeville Police Department, and Dakota County Sheriff.

As the community continues to grow, the urban land use pattern will reduce the availability of snowmobile trails. Future trail planning will attempt to make accommodation for snowmobile use within Lakeville where appropriate and compatible with development.



City of Lakeville 2006 Parks, Trails & Open Space Plan



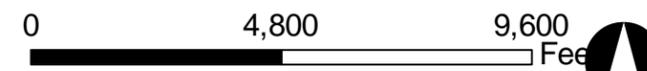
Map 9: Snowmobile Trails

Park Classification

- Community Park
- Community Play Field/Athletic Complex
- Neighborhood Park
- Mini-Parks/Neighborhood Play Lots
- Conservation Areas
- Special Use Area

- Snowmobile Trail
- No snowmobiling zone
- Water

Source: City of Lakeville



1 inch equals 3,500 feet



May 2006

Federal and State Facilities

Soberg Waterfowl Production Area: This 113-acre wildlife refuge area is located in Dakota and Scott Counties. The waterfowl production area is open to public fishing and hunting and provides the local communities the opportunity to participate in wildlife-dependent recreation and environmental education. These opportunities are available through non-motorized access within the production area including hiking, snowshoeing, skiing, or where appropriate, biking on established trails.

Minnesota Zoological Gardens: Located in Apple Valley, the Minnesota Zoo is one of two regional zoo facilities in the Metropolitan Area. Widely recognized for its creative, ever-changing exhibits and collection of animals, the zoo also provides nature interpretation, picnicking, and cross-country skiing.

Regional Parks & Open Space

Map 10 shows all recreational facilities in communities abutting Lakeville and in the Dakota County region. The following paragraphs provide a summary of each of the four (4) regional park facilities that provide recreational opportunities for Lakeville residents: Cleary Lake, Murphy-Hanrehan, Lebanon Hills and Dakota County/Empire Township.

Cleary Lake Regional Park: This park is operated by the Three Rivers Park District and is located in Credit River Township, Scott County. Boat access for canoeing and sailing is provided. The park also has a par-3 golf course and driving range, a 28-acre off-leash dog park and several large camp sites. Other facilities include bike, pedestrian and horseback trails, nature interpretation, picnicking and swimming. Winter activities include cross-country skiing, snowmobiling and snow shoeing.

Murphy-Hanrehan Park Reserve: Murphy-Hanrehan Park Reserve is approximately 2,400 acres in area and is located in Savage and Credit River Township, contiguous to Lakeville's western boundary. The park reserve, owned and operated by the Three Rivers Park District, has trail facilities for hiking, horseback riding, cross-country skiing, snowmobiling and snow shoeing. The park also has a concrete boat launch with access to Murphy Lake for non-gas motor boats or non-motorized boats. In 2004, the park was designated as an "Important Bird Area" by the National Audubon Society due to its extensive undeveloped and wooded areas.

Lebanon Hills Regional Park: This facility is operated by the Dakota County Parks Department and is located in portions of Eagan and Apple Valley. The regional park provides canoeing, camping, fishing, hiking, horseback riding, nature interpretation, picnicking and swimming. Winter activities include ice fishing, cross-country skiing, snowmobiling and snow shoeing. In 2004, the park was voted "Best Place to Cross-Country Ski" within the Twin Cities Metro Area as reported by City Pages.

Dakota County/Empire Township Regional Park: The Metropolitan Council and Dakota County have established a park master plan for a new regional park to be located in Empire Township, east of Lakeville. The boundary for the park has been established and the land must be acquired. Metropolitan Council anticipates development of the park facility before 2030.

State, Regional & Dakota County Trails

State Trails: Contact with the State Department of Transportation reveals that there are no state trailways located within the corporate boundaries of Lakeville. However, there has been much discussion concerning establishment of a regional trail connecting Lebanon Hills Regional Park and Murphy-Hanrehan Park Reserve.

Regional Trails: The Metropolitan Council's 2030 Regional Parks System Plan identifies a regional trail search area extending from Murphy-Hanrehan Park Reserve, through Lakeville and on into Farmington and Empire Township, eventually ending at the Mississippi River in Hastings. No specific route has been defined for the regional trail corridor, although existing and/or planned MPTW segments in Lakeville would serve to connect from Murphy-Hanrehan Park Reserve to the City's east boundary at numerous points depending on possible trail locations east of the City.

Dakota County: The Dakota County Bikeway Plan identifies a number of bikeway routes through Lakeville including:

1. County Road 5 and County State Aid Highway 50 extending through Lakeville from Burnsville to Farmington, following with County State Aid Highway 50 right-of-way.
2. A second north/south bikeway route is located along Pilot Knob Road between Apple Valley and Lakeville, which opened in 2003.
3. A north/south bikeway is proposed between the Apple Valley boundary and the Lakeville CBD area via Cedar, Dodd, Highview and Holyoke Avenues.



**City of Lakeville
2006 Parks, Trails & Open
Space Plan**

**Map 10: Regional
Facilities**

Regional Landmarks

- Arboretum/Nature Centers
- Park/Park Reserve
- Golf Course
- Airport
- Fairgrounds
- Beach
- Island
- Lake/Pond

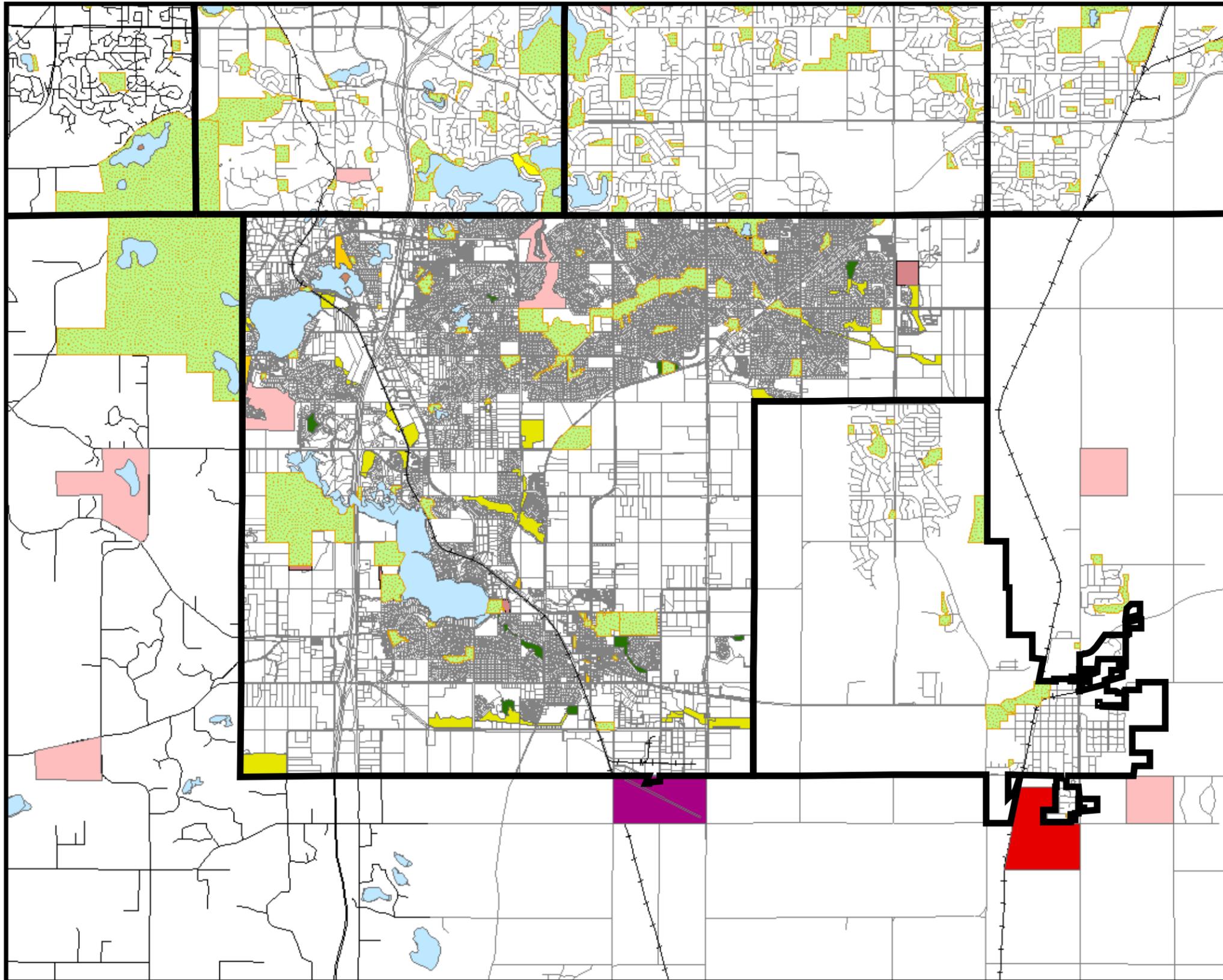
Lakeville City Parks

- Community Park
- Community Play Field/Athletic Complex
- Neighborhood Park
- Mini-Parks/Neighborhood Play Lots
- Conservation Areas
- Special Use Area
- City Boundaries
- Railroad

Source: City of Lakeville, The Lawrence Group.



May 2006



Abutting Community Facilities

Parks

The City of **Burnsville** owns two park and open space facilities adjacent to Lakeville. Lac Lavon athletic complex is a community park and community athletic complex located immediately east of Crystal Lake. The park provides a wide variety of community-oriented activities and spaces which are accessible to Lakeville residents who reside in the north central portion of the community. Crystal Lake West Park is a large park located on the western side of Crystal Lake which provides water access, picnic areas and walking trails. Numerous other parks are located in Burnsville, as well as a par-3 golf course, Birnamwood, which is also owned and operated by the City.

Apple Valley has a number of neighborhood parks in its southwest quadrant which may benefit Lakeville residents. The primary facility is Longridge Park which abuts the City limits at 160th Street and Gardenview Drive. This 15 acre parcel provides playground equipment, playfields, ball diamonds and a sliding hill. Other neighborhood parks exist in the southeast portion of Apple Valley, but lie further from existing development in Lakeville.

A future 20-acre park is proposed in Apple Valley along Lakeville's northern boundary. The site is currently owned by Dakota County. Additionally, a neighborhood park will be developed as part of the Cobblestone Lake project north of CSAH 46 between Pilot Knob Road and Diamond Path. Access to this park will be available through MPTW corridors along CSAH 46 as well as a trail from the Spirit of Brandtjen Farm development in Lakeville under CSAH 46 using a box culvert installed for mining purposes.

Farmington has several large community parks, one being Rambling River Park which is located in the southeastern section of the City and can be accessed by Lakeville residents via trails along County Road 50. This 78-acre park has lots of amenities including paved trails, playground equipment, ball fields and a hockey rink, which is used as a skateboarding park in the off-season. Future plans call for extension of the North Creek greenway corridor from East Community Park in Lakeville through Farmington to the Vermillion River.

Rosemount lies adjacent to the northeast corner of Lakeville and contains two neighborhood parks in close proximity along Chippendale Avenue West and Shannon Parkway. Further away from Lakeville to the north, Rosemount has numerous other parks and Rich Valley Golf Club. Valleywood Golf Course also traverses the shared border with Apple Valley.

Empire Township currently contains no park facilities, but is home to Southern Hills Golf Club. However, as a part of the Metropolitan Council's 2030 Regional Parks Policy Plan, an area of Empire Township has been defined for acquisition of land for development as a new regional park.

The Dakota County Fairgrounds are located on the southern edge of the City of Farmington.

Credit River Township contains some neighborhood parks and will continue to establish additional new neighborhood parks as part of the development of residential subdivisions. The Township also contains portions of two large regional parks, Murphy-Hanrehan and Cleary Lake, and Legends Golf Club. **New Market Township** currently does not have park facilities, but does have a 15-acre parcel owned by the DNR known as Spartina Wildlife Management Area.

The Townships adjoining Lakeville do not offer any community playfields. The Townships continue to be reliant on playfield facilities within adjacent municipalities for organized league sports.

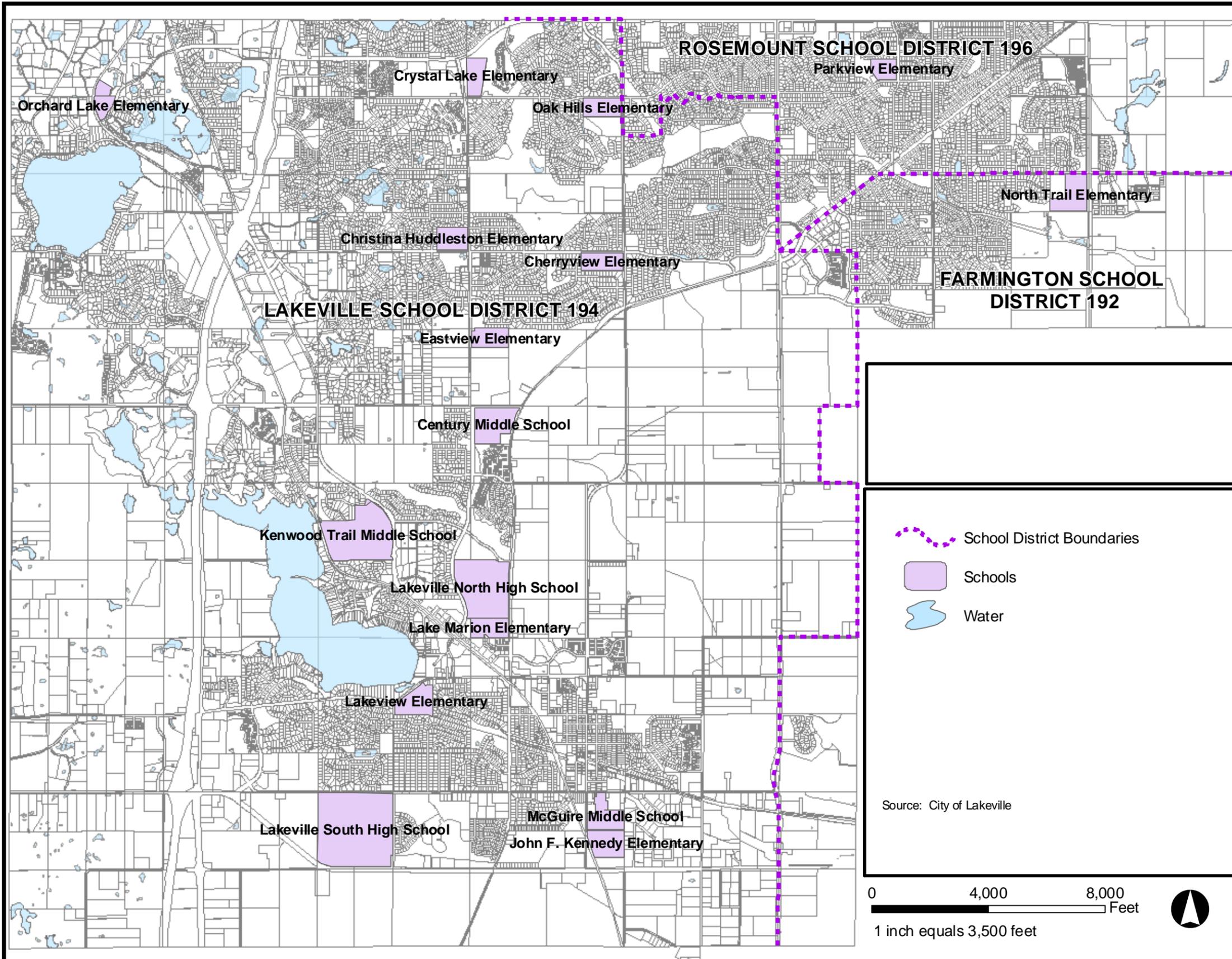
School District Facilities

Lakeville residents are served by three different school districts including Lakeville (District 194), Rosemount (District 196), and Farmington (District 192), refer to Map 11. Table 15 summarizes recreational or athletic facilities owned by the School Districts that Lakeville residents have access. Additionally, residents of the Rosemount School District have access to youth and adult indoor activities and community education classes provided by the Rosemount Athletic Association.

TABLE 15 AREA SCHOOL DISTRICT ATHLETIC FACILITIES									
	Soft ball	Bas e ball	Foot Ball	Soc- cer	Tenni s	Baske t Ball Hoops	Hockey Outdoo r	Run Track	Gen Play Field
ISD 194 – Lakeville									
Orchard Lake Elem.	2	--	--	--	--	1	--	--	--
Lake Marion Elem.	2	--	--	1	--	2	--	--	--
Christina Huddleston Elem.	2	--	2	--	--	2	--	--	--
Crystal Lake Elem.	3	--	--	2	--	2	--	--	--
Cherryview Elem.	2	--	--	2	--	2	--	--	--
Eastview Elem.	2	--	--	4	--	2	--	--	1
John F. Kennedy Elem.	--	--	--	--	--	1	--	--	--
Lakeview Elem.	4	--	--	--	--	2	--	--	--
Oak Hills Elem.	1	--	--	--	--	2	--	--	1
McGuire Middle	3	1	1	6	6	--	2	--	--
Kenwood Trail Middle	2	1	1	2	4	--	--	--	--
Century Middle	4	--	1	2	--	--	--	1	--
Lakeville North High	3	2	1	2	8	--	--	--	--
Lakeville South High	5	4	2	4	6				
Sub-Total	35	8	8	25	24	16	2	1	2
ISD 196 – Rosemount									
Parkview Elem.	4	--	--	2	--	2	1	--	--
ISD 192 – Farmington									
North Trail Elem.	3	--	--	2	--	3	1	--	--
FACILITY TOTALS	42	12	12	29	24	21	4	1	2
Source: City of Lakeville, ISD 194, ISD 196, ISD 192									



City of Lakeville 2006 Parks, Trails & Open Space Plan



MAP 11: SCHOOL DISTRICT FACILITIES

 School District Boundaries

 Schools

 Water

Source: City of Lakeville

0 4,000 8,000
Feet

1 inch equals 3,500 feet



 NORTHWEST ASSOCIATED CONSULTANTS, INC.
4900 Grand Kenwood, Minneapolis, MN 55425 Phone: 612.338.1111
Fax: 612.338.1112 Website: www.nacinc.com

May 2006

Privately Owned Recreational Facilities Available to Lakeville Residents

Numerous other public and private recreation facilities are available to Lakeville residents aside from public facilities. The following list of facilities identifies privately operated recreational activities open to the public.

Northwest Athletic Club - Burnsville Location

14600 Burnhaven Drive, Burnsville

Facilities include:

- Indoor racquetball courts
- Lap swimming pool
- Stationery bikes, rowing machines
- Aerobic/dance rooms; yoga studios
- Men's/women's locker rooms with sauna, whirlpool
- Outdoor/indoor tennis courts
- Nautilus, free weights, Universal
- Gymnasiums for basketball and other sports
- Pro shop
- Nursery and children's programs

Facility hours are 5:00 AM - 11:00 PM, Monday through Friday, 6:00 AM - 11:00 PM Saturday and 7:00 AM – 11:00 PM on Sunday.

Life Time Fitness – Apple Valley Location

5995 149th Street West, Apple Valley

Facilities include:

- Cardio equipment, resistance training, free weights
- Sauna
- Stationery bikes, rowing machines
- Men's/women's locker rooms
- Running Club
- Group fitness

Facility hours are 5:00 AM - 10:00 PM, Monday through Friday, 7:00 AM - 8:00 PM Saturday and Sunday.

Crystal Lake Golf Course

16725 Innsbrook Drive

This 18-hole golf course exists in Lakeville as a part of residential development. The facility is linked into the community's park system by a series of public and private trails.

Facilities include:

- Pro shop
- Clubhouse/locker rooms
- Dining room/bar and grill
- Driving range
- Banquet facilities
- Practice green

Brackett's Crossing Country Club - 435-7600

17976 Judicial Road, Lakeville

Facilities include:

- 18-hole championship golf course
- Practice green
- Outdoor tennis courts
- Pro shop
- Dining room/bar and grill
- Indoor golf practice nets for winter use
- Driving range
- Practice green
- Outdoor swimming pool, snack bar
- Clubhouse with locker rooms, showers, sauna

Facility use is restricted to members and their guests. Facility is open year-round (dining room).

Other Golf Facilities

Other golf facilities in the vicinity of Lakeville are:

- Valleywood Golf Course
- Fountain Valley Golf Course
- Birnamwood Golf Course
- Southern Hills Golf Course
- Heritage Links Golf Course
- Boulder Pointe Golf Club
- Legends Golf Club
- The Wilds Golf Club

Buck Hill Ski Area - 435-7187

15400 Buck Hill Road, Burnsville

Facilities include:

- Downhill ski runs/snow tubing
- Full-service ski rental operation
- Food service-dining room, lodge
- Mountain bike course (off-season)

Facilities for skiing are open from approximately November through March. During summer, the bike courses are available. Additionally, the building and food service are available for events such as weddings and reunions.

Other Specialized Recreational Facilities

Other area recreational facilities include:

- Minnesota Zoo
- OK Corral Stables (Jordan)
- Minnesota Horse and Hunt Club
- Apple Valley Aquatic Center
- Cascade Bay Aquatic Center (Eagan)
- Cedar Lake Farms (New Prague)
- Minnesota Landscape Arboretum (Chanhassen)
- Skateville (Burnsville)

ISSUES AND OPPORTUNITIES

Introduction

This chapter of Lakeville's Comprehensive Parks, Trails and Open Space Plan is the Issues and Opportunities Summary. This summary entails analysis of information pertaining to Lakeville's parks, trails, and open space systems collected through the 1998 Lakeville Growth Strategies Report, the 1998 comprehensive planning process, the current Parks, Trails and Open Space Inventory, input from City staff and the Parks, Recreation and Natural Resources Committee during the planning process, review of community surveys and neighborhood meetings held to solicit public input on the City's recreation system.

Issue Summary

Parks, Trails & Open Space System

The Lakeville parks and trails system was described as a superior system in each forum used to solicit public input. The community survey indicated more than 90 percent of the households surveyed rate Lakeville's park facilities as excellent or good. Diversity of recreational facilities, quality park and trail design, and strong recreational programs have consistently been cited as strengths of the Lakeville system. The quality of Lakeville's recreational facilities has been credited to strong resident support and proactive administration that includes the City Council, advisory committees, City staff, and local athletic associations. Through early foresight, continued expansion and strong administration, Lakeville has been very aggressive and proactive in park and trail system planning in a successful effort to stay ahead of the City's pace of land use development. The Park and Recreation Department's attention to detail has greatly contributed to the quality of Lakeville's park and trail facilities.

Future Growth

Lakeville's population is anticipated to grow from 50,000 in the year 2005 to 86,000 by 2030. As the community continues to develop and mature, the City will face increasing demands on the City's parks, trails and open space system. Along with the new growth, the City will experience changing demographics within its existing neighborhoods due to the maturation of existing households. In recognition of these trends, the following issues are identified:

Lakeville's Parks, Trails and Open Space Plan is an important tool in maintaining the community's quality of life. On-going land development is diminishing available open space within the urbanized area. Park acquisition within the current MUSA area should be completed while open space still exists to provide uniform park service. Acquisition of park lands outside of the MUSA area should occur in anticipation of development and at moderate land costs. Lakeville must plan and prepare for the next twenty-five years today to preserve its future open space options. The community survey revealed support for acquisition of additional park lands and greenway/conservancy areas as a means to control growth and preserve current open space within the City.

- Lakeville is a distinct community with unique physical and geographic characteristics. The Parks, Trails and Open Space Plan must respond with specific measures that preserve, promote and enhance its natural characteristics. The proactive implementation of greenways planning is intended to focus on the preservation and protection of the City's valuable environmental sensitive areas. The greenway preservation was strongly promoted in the Lakeville Growth Management Strategies, the 1998 Comprehensive Plan and the 2000 Parks, Trails and Open Space Plan. Implementation of the greenway strategies is just now bearing out with development of extensive trails within the Central Area of the City accompanying new commercial and residential development and extension of the South Creek greenway from the new South High School to Downtown Lakeville.
- The MUSA line location will have an effect on this plan's content. Lakeville's MUSA boundaries will change based upon the staged growth areas through the year 2020. Staging of the designated Urban Reserve and Permanent Rural areas of the City is anticipated to be addressed as part of the City's 2008 Comprehensive Plan update. Residential density, community population, and the development program for recreational facilities are all impacted by the MUSA staged expansion.
- Lakeville's future population projections suggest that continued residential development can be expected through 2030. This growth will place increased pressure on existing recreation facilities and potentially consume the undeveloped natural resource base. Future park planning must be integral to new subdivisions to provide safe and convenient access to public recreational facilities within new growth areas.
- Lakeville's growth consists predominantly of young families, children, adolescents and middle aged adults. The 2000 Census revealed that 31 percent of Lakeville's population was children ages 14 and younger and 38 percent of the population was adults ages 25 to 44. Both of these population groups experienced growth from 1990 to 2000. It is forecast that the in-migration of young families will remain the dominant growth trend within the City through 2010 and beyond. However, it continues to be critical to recognize the maturation of existing Lakeville households and the changing recreational needs of a maturing population.

- As illustrated in Lakeville’s Future Land Use Plan, housing patterns and densities in the community will include a range of urban uses, however, single family residences will remain predominant over multiple family or townhouse dwelling options. Neighborhood parks, greenways and multiple purpose trailways, therefore, will continue to be the fundamental building blocks of the park, trail and open space system.
- Athletic associations continue to experience significant growth in their organized sport programs. This growth has resulted in expanded league play and extended seasons placing greater burden on City playfields. Furthermore, the City’s policy has been that dual use of playfields is not practical due to the varying needs of the different sports. Development of the athletic facilities at Lakeville South High School has met this immediate need. The projected growth trends for the City, as well as the individual sports leagues, indicate a growing need for more playfields with attention given to segregating the individual sports.
- Maturing neighborhoods are out-growing the need for existing mini parks. The redevelopment of existing park facilities to address the changing needs of the community will be an ongoing challenge as will maintenance and rehabilitation of existing neighborhood parks where such facilities will continue to be in demand by surrounding neighborhoods.
- The current and projected strong growth has provided park dedication revenues used for the financing of the City’s expanding parks and trails system. Concern over the future maintenance and rehabilitation costs associated with a newer expanding parks, trails and open space system once Lakeville’s growth begins to slow and the City becomes more reliant on property taxes to cover maintenance expenses. Current park planning should attempt to anticipate the financial implications associated with a slower rate of community growth.

Park Needs and Opportunities

Through the planning process for the Parks, Trails and Open Space Plan, the following park needs and opportunities have been identified:

- Strong interest and support continues for the acquisition and development of East Lake Community Park to meet growing needs for a community park in this area of the City with expansion of the MUSA and opening of the area to new development.
- There is a need for more neighborhood park facilities west of I-35. With the exception of Ritter Farm Park, most of the City’s parks west of I-35 are comprised of small sites offering limited recreational opportunities. Development of a neighborhood park as part of the Prairie Lake development has met some of the demand for this area. Opportunity exists to further expand park facilities west of I-35 in cooperation with Three Rivers Park District for the eastern portion of Murphy-Hanrehan Park Reserve.

- Ritter Farm Park is a very unique and attractive component of the City's overall park system, however, the park has limited site access. Requests for improved access into Ritter Farm Park via trailway connections have been identified as a priority improvement along with potential expansion of the park.
- Athletic associations within the community have consistently complimented the City on the quality of the existing facilities, while continuing to express a need for expanded facilities to serve growing enrollments in their program. A desire to have facilities of sufficient size and design to accommodate tournament play was expressed for sports of baseball, softball, and soccer as a means to promote Lakeville's sport programs, generate revenues for both the athletic associations and park improvements, and enhance the Lakeville area economy.
- Collaborative efforts between the City of Lakeville and the local School Districts planning new school sites in conjunction with adjoining park sites, most recently with Lakeville South High School has been successful in providing new recreational facilities in a cost effective manner for limited public resources. These efforts should be continued as part of the planning of either the City or its School Districts for future facilities being considered within Lakeville.
- The Parks, Trails and Open Space plan identifies high priority acquisition sites throughout the City to expand existing facilities and preserve natural resources. Examples of these sites include the large stand of significant trees to be known as the Central District Woods located east of Highview Avenue and south of future 185th Street, expansion of Ritter Farm Park south of its current boundaries to include a small wetland/waterbody, acquisition of the Bury and Rehtzigel properties to connect Lake Marion and Casperson Parks, expansion of Antlers Park to CSAH 50 and extension of a greenway corridor from CSAH 50 to 175th Street through the Helkenn property, then along the north side of Oakridge Heights to 175th Street.

Trail System Issues and Opportunities

The Lakeville trail system is an integral component of both the City's park and transportation systems. The following issues and opportunities have been identified:

- The completion of the trail system is development driven with trail segments constructed with new subdivisions. This has resulted in some incomplete trail corridors and dead-end trails. The completion or extension of the existing incomplete trails is seen as a priority to provide for circulation and connection throughout the Parks and Trails system.
- The concept of trailways through natural greenways offer a unique and attractive element to the Lakeville trail system that will be resistant to demographic changes likely to occur as the community matures. Development of greenways has been a central part of the City's parks, trails and open space system promoted through ongoing Growth Management Strategy efforts, the 1998 Comprehensive Plan and 2000 Park, Trail and Open Space Plan.

- The following trail corridors were specifically identified as priority areas for the Lakeville trail system:
 - a. High traffic volumes and traffic speeds on Highview Avenue south of 175th Street raise safety concerns for pedestrians and bicyclists traveling along this street. An off-street trail is appropriate along this trail corridor.
 - b. Developing a trail loop through eastern Lakeville was identified as being desirable.
 - c. Trail connections into Ritter Farm Park were identified to improve resident access to this community resource and possibly to Murphy Hanrehan Park Reserve.
 - d. Trails within greenway corridors is an attractive concept that is supported by most of the people interviewed.
 - e. Completion of the Lake Marion loop trailway.
- The trailway system provides for connection to park facilities in adjoining communities and regionally, exponentially expanding recreation opportunities available to Lakeville system users.

Greenways

The creation of greenways in a linear corridor connecting and preserving environmentally sensitive land forms in the City was strongly supported. The greenways are seen as accomplishing the following planning objectives:

- The greenway will preserve the ecological functions of the environmentally sensitive areas of the City.
- The preservation of contiguous open space through greenways will provide a means of maintaining the city's natural features, defining urban land use patterns and neighborhoods and connecting community parks with protected natural open space.
- The greenways will provide diverse wildlife habitat and facilitate wildlife movement through the City.
- The greenway will provide passive recreational trail opportunities to Lakeville residents.
- The greenway system is a key component in the design and planning of the central area of Lakeville. The physical features of the area of the City provide a unique opportunity to integrate parks, greenways, linear parks, trails with urban subdivisions.

Township Growth

Historically, concern has been expressed over residential development in unincorporated areas adjoining Lakeville and the impact that these new households have on Lakeville's park and trail system as well as recreational programs. In recent years, 18-20 percent of the enrollment in youth sport programs consisted of people who live in the Lakeville school district but did not live within the City. Typically, the Township development patterns have not given significant attention to providing their own park facilities and as a result they utilize Lakeville's facilities as being closest to their neighborhoods. There are two strategies the City has pursued to address this issue:

1. The City should continue planning its park and trail system to accommodate its future growth. The City should pursue a more equitable relationship with the adjoining townships through the promotion for the development of township parks or increase non-resident fees for Lakeville's recreational programs.
2. Use of school district facilities paid for by Lakeville and non-Lakeville residents utilizing these facilities contribute to the community's overall park system and help off-set the impact of non-residents participating in Lakeville's recreation programs.

Community Center

A goal of the City has been future development of a community center that would provide indoor space for an auditorium, indoor recreation, meeting room and a swimming pool. Efforts for joint ventures either with private sector interests or the School District are being explored to economize on development costs.

Parks, Trails & Open Space Policies

Introduction

Since its incorporation in the late 1960s, the City of Lakeville has maintained a tradition of organizing and preparing for the future plus managing its growth through a progressive comprehensive planning program. This management technique continues to guide the City decision-makers in addressing private development proposals, as well as in providing community facilities and services. In carrying on this progressive management approach, periodic updates of plans and programs have been required in order to maintain responsive positions and adequate preparation for community needs.

Such is the current situation involving the City's overall parks and recreation system and this sixth edition of the Parks, Trails and Open Space Plan. An updated Policy Plan portion of the Lakeville Parks, Trails and Open Space Plan is presented in this section. This updated plan is based upon previously established planning documents plus expanded topic areas identified as part of this most recent effort to address the City's changing condition and the maturation of the park and trail system.

The context of the overall Lakeville Parks, Trails and Open Space Plan and the Policy Plan sub-component must be recognized. The City's Comprehensive Plan, comprised of a Policy Plan and Development Framework, establishes the overall parameters for community change and growth management. The physical aspects of the community involving the natural environment, land use, transportation and community facilities/services are addressed in a fundamental, but broad based approach. From this basis, more detailed, system plans focusing upon specific topics, such as parks, trails and open space, are generated.

Within the Lakeville Parks, Trails and Open Space Plan, there are sub-chapters which, when totaled, comprise the entire or completed plan. In this regard, the Policy Plan is the first component that outlines in written fashion what the community desires to achieve in terms of its parks, trails and open space system. The Policy Plan does so through generalized guidelines as to how such goals and objectives are to be pursued and realized. With the establishment of these guidelines, attention can be directed toward specific recreational programming and the acquisition, development, maintenance and upgrade of physical facilities.

Based upon the rationale explained above, the first section of the Policy Plan reiterates the general community goal statements from the City's 1998 Comprehensive Plan - Policy Plan/Development Framework. This sets the context for recreation/parks/trails system planning. Subsequently, the standards and policies for general outreach are established. This is followed by a definition of recreational program criteria. Next, the physical aspects of the System Plan covering parks/trails acquisition, development,

maintenance, and facility's purpose and design are presented. The final portion of the Policy Plan is devoted to public relations and communications.

1998 Growth Management Strategies

In 1998, the City of Lakeville undertook an update of its 1992 Growth Management Strategies as a means of defining a vision for Lakeville through the year 2020. Through the process of strategic planning, the City outlined criteria and recommendations for guiding decisions in the following areas:

- Economic Development
- Land Use Planning and Development
- Guidelines for the Development of Lakeville's Central District
- Protecting Natural Resources While Accommodating Growth
- Facilitating Intergovernmental Collaboration Maintaining the City Management Capacity to Deliver Service, Develop a Balanced Community, and Maintain a Competitive Tax Base

The 1998 Growth Management Strategies were integral to the formulation of the City's 1998 Comprehensive Plan and will be reviewed and reaffirmed as part of the mandated 2008 update of the Comprehensive Plan. The Growth Management Strategies also provides the following specific recommendations that will influence the City's Parks, Trails and Open Space Plan, which have been revised as part of this current update:

- Update and maintain a natural resource inventory and management plan.
- Develop and replace any future loss of park land and whenever possible, increase park space by allocating funds towards future land acquisition.
- Actively protect Lakeville's waterways.
- Pursue shared facilities and sites between the City, School District and non-governmental organizations.
- Consider community center needs.
- Implement the Central Business District/Heritage Commons Development Plan emphasizing greenway corridor open space protection, park and trail facilities, and tree preservation.

As established in 1998, all of these efforts are on-going concerns that continue as part of this update of the Parks, Trails and Open Space Plan.

1998 Comprehensive Plan Goals

Building on the recommendations of the Growth Management Strategies, Lakeville also updated its Comprehensive Plan in 1998. The Comprehensive Plan established community goals and policies intended to direct future community growth through the year 2020. The goals and policies of the Comprehensive Plan provide the direction in the following areas:

▪ **ENVIRONMENTAL PROTECTION / NATURAL RESOURCES**

Natural resources such as lakes, waterways, wetlands, significant tree stands, open prairie areas, drainageways, bluffs and areas of steep slopes are of major importance within Lakeville. The relevance of these features as part of this update of Parks, Trails and Open Space Plan is more significant with this edition given the expanded role of the Parks, Recreation and Natural Resources Committee in this area. The proper preservation, enhancement and utilization of remaining natural resources as valuable community amenities has become a community goal. To this end, the City has established base guidelines for the protection of these elements through implementation of a Shoreland Overlay Zoning District, Wetland Management Plan, tree preservation requirements during subdivision and use of Low Impact Development techniques for residential and commercial projects such as Prairie Lake and Timbercrest at Lakeville, respectively. Integration of such natural features as part of the parks and trails system serves not only a protective function, but adds amenity value to the City's facilities.

▪ **GROWTH MANAGEMENT**

The rate of growth since the mid 1980s has raised issues with regard to its impact on public services, utilities, streets and City finance. In recognition of these concerns, Lakeville established growth management goals and policies to manage the growth rate, direct the quality of development and maintain a diverse tax base.

▪ **LAND USE**

The land use goals and policies of the Comprehensive Plan create a vehicle by which the community can determine, organize, and define the character and intensity of land use in the City of Lakeville. The Comprehensive Plan gives attention to both existing and future land use and development issues as a means of preserving the City's positive identity and the local quality of life.

▪ **COMMUNITY FACILITIES**

Community facilities include those lands, buildings, services and systems which are provided on a public or semi-public basis in the interest of, or benefit to, the residents of the community. Their importance will not be underestimated in

defining the quality and safety of living in Lakeville. The Comprehensive Plan goals and policies serve to direct planning implementation and maintenance of Lakeville's community facilities.

- **TRANSPORTATION**

Transportation issues are growing concerns within Lakeville due to the changing character of the City and the region. In this respect, transportation planning is a critical element of the City's overall Comprehensive Plan. Full attention must be given to all modes of transportation within the City to ensure a well balanced and functional transportation system. Additionally, the transportation system must be responsive to the City's land use planning to identify and address uses that will generate the service needs. Within the context of these considerations, the Comprehensive Plan has established goals and policies to guide future transportation planning.

- **CITY GOVERNMENT ADMINISTRATION**

As a consequence of the implementation aspects of the Lakeville Comprehensive Plan, operational and administrative goals and policies were also defined in the 1998 Lakeville Comprehensive Plan. The administrative goals and policies focused on City management strategies related to land use development and the provision of quality public facilities and services.

Again, the City is required to review and update the Comprehensive Plan in 2008. As part of that effort, the above issues will be evaluated to reflect the current state of the community. However, for the purpose of this topic area plan, the general direction provided by these statements shall be continued.

System Standards & Policies

Introduction

The Lakeville Comprehensive Plan has established a broad range of goals and policies intended to guide community growth through 2020. The system standards and policies that follow specifically focus on the planning and development of the Lakeville Parks, Trails and Open Space System and advance the benchmark date to 2030 consistent with the Regional Framework.

Parks, Trails, Open Space and Recreational System Planning

Standards:

1. Recreation/parks/trails system planning in the City of Lakeville shall be a dynamic process that organizes and addresses all activities in a comprehensive manner.
2. Lakeville Parks, Trails and Open Space plan shall utilize a needs assessment process to develop goals and priorities for programs, acquisition, development, and use of parks, conservancy open space areas and recreational facilities. Information about the City's present and future park and recreation needs will be collected and evaluated on a regular basis, in part through bi-annual meetings with all major athletic associations or other park user groups.
3. The various components of the Lakeville parks, trails, and open space system shall be integrated in a manner that maximizes the effect of existing facilities, economizes future investments and reduces duplication of facilities and services where possible.

Policies:

1. Because the comprehensive planning process is a continuous cycle, the City will review the Parks, Trails and Open Space Plan periodically, including standards, policies, and inventory. A comprehensive update of the System Plan will occur every five years.
2. Planning for recreation programs and new physical facilities will begin prior to land being developed for residential, commercial, and industrial activities as part of the subdivision review process. The City will prepare a master plan for each component of the park and trail system that will be the basis for site acquisition, development and use. Incorporation of appropriate parks and/or recreational facilities will be analyzed as a part of the initial plat review process. Planners will make maximum use of existing information and acquire new data as needed.

3. System planning will include public participation at every step. The Parks, Recreation and Natural Resources Advisory Committee will provide a forum for open discussion of issues to insure early and continuing public participation in park planning, rather than review of decisions already made. The Committee will continue to facilitate public awareness and encourage input on all aspects of parks, trails, open space and recreation.
4. The Parks, Trails and Open Space Plan will be based upon directions established by the general Comprehensive Plan - Policy Plan/Development Framework. The System Plan will be implemented through integration with other City activities involving private growth management and provision for other public facilities and services. System planning data will be continually transmitted in usable form to all other City departments in order to maintain an awareness of needs and opportunities.

General Recreational System Outreach

Standards:

1. To the extent possible, the Parks and Recreation Department shall provide comprehensive park and recreation programs and facilities for all residents and groups of the community.
2. Programs and facilities shall be organized and offered so as to maximize participation and overcome physical or economic limitations which may serve to prevent equal opportunity.

Policies:

1. Parks and Recreation administration and operations will be implemented based on City Council and Parks, Recreation and Natural Resources Advisory Committee policies, procedures and ordinances.
2. The department will recognize conflicts and mediate fairly in matters in which special interest groups seek to achieve results, which may not serve the best interests of the community in general.
3. Besides the standard programs and facilities typically recognized in a recreational/parks/trail system, equitable consideration will be devoted, but not limited to, the following special concerns:
 - a. Areas for natural interpretation, conservation easements, greenway corridors and trails.
 - b. Historic preservation.

- c. Cultural enrichment (e.g., Lakeville Area Arts Center)
 - d. Urban areas parks (e.g., Central Business District).
 - e. General access and specific facilities for disabled persons.
 - f. Employment center public activity areas and facilities.
 - g. Organized youth and adult sports and recreational activities.
 - h. Areas devoted to free play or leisure enjoyment.
 - i. Teen programs and facilities (e.g., Teen Corp).
 - j. Senior programs and facilities. (e.g., Lakeville Senior Center)
4. Usage of all public parks and recreational facilities will be carefully monitored to insure control and proper use so that all residents may enjoy them for leisure time activities.
 5. The talents and skills of volunteers, City staff and consultants, as needed, will be utilized for the delivery of parks and recreation services.

Recreational Programming

Standards:

1. Every reasonable effort shall be made to offer the widest possible variety of recreational programs to meet the needs of all residents and groups, including those with special physical and economic needs.
2. Programs offered shall be fully organized and outlined prior to initiation and once implemented, shall be monitored to insure proper functioning and operation.
3. The City's recreational program shall avoid duplication of efforts by other public or private service providers. Coordination with other public and private providers is encouraged.

Policies:

1. The City shall provide year round comprehensive parks and recreation programs for all persons, regardless of race, religion, color, national origin, age, sex or physical handicap.
2. Wherever practical, the City will coordinate its recreation programs and related facilities with other providers, both public and private, such as the School Districts, community education, civic organizations, health clubs, neighboring cities, athletic associations, cultural arts organizations, etc.

3. Whenever appropriate, user fees will be charged for participation in certain recreational programs as a means of defraying costs.
4. A comprehensive year round recreation program designed to meet the leisure time needs and interests of the citizenry will be provided and encouraged.
5. Gifts and donations for recreation programs and supplies will be accepted if they are free of obligations or impacts which limit later use (by a condition of the gift), do not offend other segments of the community, or which do not come with a hidden or delayed price tag which can't be justified as being in the City's best interest.
6. Lakeville will provide the highest quality supervision and leadership available within budget guidelines.
7. Volunteer resources available within the community will be utilized.
8. All programs will be constantly reviewed and evaluated to keep abreast of changing times and new ideas.
9. Private recreational facilities that offer opportunities to Lakeville citizens will be encouraged and supported.
10. Unless undertaken to assure equal opportunity and access, the City's recreational program shall avoid duplication of the programs or activities which are provided by the private sector or other public agencies.
11. Policies shall be formulated governing all programs which are offered by the City and such policies shall be uniformly and equitably enforced.

Parks

Standards - Park Acquisition:

1. Every reasonable effort shall be made to acquire sufficient land to meet the long-range needs of the people of Lakeville. Careful consideration shall be given to the location, type and extent of park lands and conservancy open space areas acquired by the City to assure a parks and open space system that will satisfy the needs of present and future residents of the City.
2. Park land and greenway/conservancy open space shall be acquired through park dedication, purchase, eminent domain, or donation. The acquisition of less than fee simple interests, such as permanent conservancy easements or leases, shall be undertaken whenever appropriate.

3. Wherever possible, environmentally sensitive areas with natural or cultural resources will be included in lands acquired for parkland or conservancy open space when they exhibit characteristics which will contribute to the comprehensive system.
4. The acquisition of public facilities shall take into account and recognize private facilities and services which are offered in order to avoid unnecessary duplication and conserve financial resources.

Policies - Park Acquisition:

1. The acquisition of planned parks, greenway/conservancy open space and other recreational facilities shall be accomplished as soon as possible within developing areas of the City to meet long range public recreation needs before development pressures render the property too expensive.
2. Private developers and Dakota County CDA shall be required to dedicate a portion of their land for public use when such a development includes an area planned for park acquisition. Where such a need is not apparent, the developer shall contribute cash to be used for the purchase and/or development of public parks and open space. All developers are subject to current requirements provided in Section 10-4-8 of the City's Subdivision Ordinance.
3. Land dedications which serve no system purpose shall not be accepted as part of required development contributions. Such lands may, however, be accepted as a donation or a gift.
4. Unsolicited donations and gifts will be accepted as part of the system if they are free of obligations or impacts which limit later use (by a condition of the gift), do not offend other segments of the community, or which do not come with a hidden or delayed price tag for development, operation, or maintenance which cannot be justified as being in the City's best interest or within financial resources which are available.
5. Land included in drainage and/or utility easements will be utilized where feasible to provide safe and convenient public access routes throughout the City.
6. To the extent possible, grants-in-aid will be sought to help finance the acquisition of parkland, conservancy open space, trails, greenways and recreational facilities.
7. All park and open space land acquisitions shall be reviewed by the Parks, Recreation and Natural Resources Advisory Committee and they shall make recommendation on such matters to the City Council.
8. Acquisition of high amenity and unique landscape areas will be sought as a priority in the development of the park system. Such landscapes could include

lake frontage, waterways, ponds, streams, deciduous and conifer forests, native prairie, bluffs, other unique vegetative associations, or areas of rugged topography with quality views and vistas.

9. Joint use agreements between the City of Lakeville and other governmental entities will be pursued and developed when appropriate.
10. Private development of recreational activities shall be encouraged so as to limit the need for public acquisitions. If such facilities are relied upon, however, assurance for public or semi-public access shall be established.

Standards - Park Development:

1. The City shall develop a comprehensive system of safe, aesthetically pleasing parks, playgrounds, trails, greenway corridors and conservancy open space areas geographically located throughout the community which offer a full variety of facilities and programs to all residents of the City.
2. Development of recreation facilities shall be appropriate to the areas in which they are located, both with respect to their integration into the social characteristics/physical setting and the remainder of the City's park system and to their potential for creating conflicts with neighboring property owners.

Policies - Park Development:

1. Every reasonable effort will be made to improve and expand parks located in developed areas with inadequate facilities, utilizing existing City properties where possible.
2. Wherever practical, parks will include conservancy open space areas/ greenways that preserve and protect City forests, wetlands, natural areas, lakes, streams and cultural or historical resources within park areas.
3. Wherever possible, active use recreation areas should be designed for diverse uses during all seasons of the year.
4. Park and playground buildings and sites shall, to the extent possible, be compatible with surrounding urban or rural activities in regard to scale, design, color, setback and materials.
5. Park development shall minimize impact upon adjoining development through provision for, but not limited to:
 - a. Adequate off-street parking.
 - b. Appropriate orientation and location of activity areas and buildings.
 - c. Screening, buffering and landscaping.

- d. Adequate setbacks and physical separation.
 - e. Appropriate lighting (90-degree, full cut-off).
6. Continued or full development of existing parks and recreation facilities in the City will be considered prior to developing new facilities.
 7. Facility development and related services will be coordinated with the needs of community residents and related services as provided by the Parks, Recreation and Natural Resources Advisory Committee, athletic associations, civic groups, and organizations.
 8. Park planning and construction will be associated with the definitions of park classification, regulation dimensions, and development standards.
 9. Attempts will be made to preserve a site's inherent physical amenities and attributes when planning and developing park facilities.
 10. Park accessibility will be maximized by the park site design and planning to best serve area residents.
 11. The long term costs of maintenance and operation in a facility's design and development will be considered in park planning.
 12. Resident preference will be considered on the utilization of park facilities located in Lakeville under municipal management and operation.
 13. The City shall protect and preserve unique natural and historic resources for public enjoyment.
 14. Beautification and aesthetic enhancement of public facilities and open spaces shall be encouraged through placement of public art.

Park Facility Purpose & Design

Standards - Community Parks:

1. Large-scale facilities offering a diversity of environmental features and capabilities developed for unique community recreational activities and special events shall be designated as community parks.
2. Community parks shall be of at least 25 acres which provide passive recreation based upon natural site amenities (lakes, rivers, woods, etc.) and appeal to the City-wide population. Area residents most often drive to these sites, therefore parking is necessary.

Policies - Community Parks:

1. The active recreation facilities provided in a community park may include, but are not limited to, picnic shelters, ballfields, hard surface courts, play equipment, fishing, archery, swimming areas, restrooms, and multiple use buildings.
2. The passive recreation facilities provided in a community park may include, but are not limited to, trails, picnic areas, nature/culture interpretation sites, boating access, fishing and landscape plantings.
3. Location of community parks should capitalize upon lakes, rivers, wetlands, wooded areas and vistas.
4. Facilities shall be sized and developed to accommodate large crowds and peak events. Community festivals, events and holidays should be considered in locating and planning the parks.
5. Community parks are to be highly visible from major streets and shall include parking lot and trail lighting for facility security.

Standards - Community Playfields:

1. Areas designed for organized or informal athletic activities which utilize both lighted and unlighted athletic fields and court facilities shall be designated as community playfields.
2. Community playfields shall be not less than 20 acres or greater than 60 acres in size and shall appeal to a community-wide population. Because these facilities are to be driven to, parking and site improvements are to be provided.

Policies - Community Playfields:

1. Active recreational facilities provided within a community playfield may include, but are not limited to, lighted or unlighted fields or courts utilized for baseball, softball, football, soccer, ice hockey, basketball, tennis, lacrosse, skateboarding and free skating.
2. Passive recreational facilities provided in a community playfield may include, but are not limited to, community festivals, special events, trails, picnic areas, spectator seating areas, restrooms, concession stands and multiple use buildings.
3. Community playfield facilities shall be geographically dispersed throughout the City. Location of community parks will capitalize upon proximate arterial or collector streets and upon sites with minimal topographical change.

4. When possible, community playfields shall be developed in close proximity to secondary schools to allow for shared use of facilities.
5. The City will utilize no-spill lighting, other lighting technology and park design techniques, to mitigate glare from lighted community playfields from extending into adjoining residential areas.

Standards - Neighborhood Parks:

1. Neighborhood parks shall include areas designed for intensive and passive recreational activities with focus on serving the immediate geographic service area rather than community wide programs.
2. The service area is approximately one-half to three-quarters of a mile based upon physical barriers and at full build-out should serve a population of approximately 5,000 people.
3. Neighborhood parks shall present a maximum size of eight to 20 acres with seven to ten acres of developed park land that can support at least a small ballfield and also provide winter activities and play equipment.

Policies - Neighborhood Parks:

1. The active recreation facilities provided in a neighborhood park may include, but are not limited to, open field areas (including at least one small ballfield), multiple use hard surface play courts, creative play structures, hockey rinks, free skating rinks, warming houses, landscape plantings, picnic areas, shelters, restrooms and off-street parking.
2. Neighborhood parks should be geographically centered with safe pedestrian and bicycle access to surrounding residential development.
3. When possible, the City should consider the school/park complex development concept.

Standards - Mini-Parks:

1. Parks with specialized or limited recreational uses, or parks serving a limited geographic area, shall be designated as mini-parks.

Policies - Mini-Parks:

1. Mini-parks may be developed within neighborhoods or in close proximity to high density residential development, such as apartment complexes, townhouses, or

senior citizen housing where additional park facilities are required to support residents within the anticipated service area.

2. Mini-parks will be limited to those residential neighborhoods which cannot be adequately served by a neighborhood park due to physical limitations or other constraints such as existing development.
3. Developers may be required to own and operate mini-parks to serve their projects if the neighborhood is of medium-to-high density residential and not in close proximity to a neighborhood or community park.

Standards - Greenways/Linear Parks/Conservancy Areas:

1. Greenways or stand-alone conservancy areas shall be used to conserve and manage sensitive natural areas within the community.
2. Greenways areas and conservancy areas will include both buildable land and environmentally sensitive areas.
3. Greenways and conservancy areas shall preserve the integrity of environmental sensitive areas, such as forests, lakes, streams, wetlands, ponds, prairies, etc. Management of conservancy open space may include substantial restoration of lost or deteriorated natural features, as well as techniques for arresting a retarding environmental degradation through ongoing maintenance.
4. Coordinate greenways and conservancy areas with City storm water management systems to preserve natural drainageways and wetlands for the purpose of storm water treatment and the preservation of natural environmental areas.
5. The establishment of linear greenways and conservancy areas will serve to break up urban land use patterns, define neighborhoods and preserve open space.
6. The conservancy areas are intended to provide a diversity of natural features to allow for wildlife habitat. Greenways additionally will facilitate wildlife movement through areas dominated by human activities. In this respect, the greenways and conservancy areas will include both low lands and upland areas.
7. The greenway corridors are intended to provide recreational trail opportunities for Lakeville residents to enjoy the natural amenities of Lakeville.
8. Wherever possible, greenway corridors will be integrated with Lakeville's other park and trail facilities to provide overland trail connections between community destinations.
9. The greenways and conservancy areas shall appeal to a community-wide population.

Policies - Greenways/Linear Parks/Conservancy Areas:

1. Preferably greenways shall include natural or designated corridors such as utility rights-of-way, or natural features such as bluff lines, vegetative patterns, water features, required natural environment buffers or other characteristics consistent with the specific recreation or conservation objective of the greenway.
2. Conservancy areas shall include natural features such as wetlands, water bodies, stands of significant trees or other vegetation, bluff lines, scenic overlooks or other natural elements desirable for preservation from an aesthetic or functional basis.
3. Distinctive natural features that give a greenway corridor or conservancy area its distinguishing character will be retained wherever possible using every reasonable effort.
4. Greenway and conservancy areas shall be of a size and configuration to protect the natural amenities within the designated area, provide wildlife corridors and provide trail linkages to the City's parks, trails, designated greenways, natural areas, and other local destinations.
5. To reduce the possibility of destroying natural or cultural resources as a result of development, the City, as part of the Comprehensive Plan, will create a more detailed inventory of the community's unique habitats and functioning ecosystems through its GIS data base. This inventory will be used to:
 - a. Identify special natural areas for permanent protection, either by private or public action.
 - b. Identify opportunities for restoration of degraded streams or wetlands.
 - c. Determine opportunities for protecting water infiltration areas or using alternative storm water management practices.
 - d. Determine size, configuration and location of greenways.
 - e. Identify potential park locations adjacent to future greenways that may contribute to the City's overall park/trail system.
6. Restore greenways or conservancy areas where necessary to improve their ecological health.
7. Ensure that greenways and conservancy areas serve all community residents through the protection of view sheds and the provision of pedestrian trails within the greenway corridor in a manner that will not degrade the natural features of the area.

8. Limited passive recreation can be allowed within conservation areas provided that their use is compatible with the management and intent of the parcel. Such activities may include hiking and biking trails, picnicking and wildlife observation.
9. Where possible, greenways will be integrated with the balance of the park and trail system to link activity modes within the community (i.e., parks, schools, residential neighborhoods, or community commercial areas).
10. Trail surfaces shall be bituminous, wood chip, aggregate, and/or floating bridges, to allow for multi-seasonal use including cross-country skiing.
11. Greenway support facilities may include rest areas, observation areas, comfort facilities, interpretive and informational signage, access points and trail head parking areas. Major greenway corridors with paved trails may be lighted.
12. Greenways may be used as areas for restoration of tree cover, including plantings as may be required as part of the City's tree preservation requirements during subdivision and site development to replace trees lost to construction damage or disease.
13. Greenways and conservation areas may be considered as opportunities for prairie restoration. The standards and criteria for prairie restoration areas are to be determined on a site by site basis in consideration of physical conditions and intended preservation goals.
14. Environmentally sensitive areas within the greenways shall be acquired through means other than park dedication when feasible, such as tax forfeiture procedures, voluntary donations, conservation easements, or direct developer dedication.
15. Grant programs designed to assist the City's acquisition and development of local greenways shall be pursued whenever possible.

Standards - Historic Sites:

1. Historic sites are those which preserve or interpret historic areas or buildings of community significance as endorsed by federal, state, or local historical groups.
2. Historical sites shall appeal to a City-wide population.
3. The size of historical sites shall vary according to historical elements but should not be less than one-half acre in size so as to assure proper area in which to accommodate support facilities.

Policies - Historic Sites:

1. The City of Lakeville shall pursue, to the extent possible, the preservation of land parcels or structures which have unusual or unique historical significance to the community.
2. Historical site support facilities may include, but shall not be limited to, parking, comfort facilities, trails and signing.

Standards - Special Use Park/Facilities:

1. Independent facilities designed for the specific needs of identifiable groups shall be designated specialized facilities (i.e., children, senior citizens, etc.).

Policies - Special Use Park/Facilities:

1. To the extent possible, the City of Lakeville will address and provide for the specialized needs of identifiable groups in the community.
2. Specialized facilities and services shall be fully researched prior to implementation to insure designs and accommodations are adequate and fully address amenities which are needed.
3. The City will pursue partnering with adjoining communities, local school districts, or other governmental entities to provide special use facilities without duplication.
4. Multi-use facilities will be provided to expand the range of uses within existing parks either not currently offered or limited by season.
5. The City will investigate special use facilities when planning park upgrades or redevelopment.
6. Cooperative ventures with the private sector will be explored to provide special use facilities not offered within the community.

Standards - Maintenance and Operation:

1. Provide for the efficient maintenance and operation of clean, orderly, controlled, safe and attractive park lands and recreation facilities. Park maintenance and operation shall safeguard the physical condition of parks and open spaces from deterioration or damage from weather, vandalism, and other natural or human causes.

2. Every reasonable effort shall be made to use park and recreation facilities for their originally intended purpose, or to provide for compatible new uses that will require minimum alteration of the park or recreation facility.

Policies - Maintenance and Operation:

1. To ensure delivery of quality recreational experiences to park users, the City will provide effective management and staffing of all of its facilities, as approved by the City Council through the City's annual budget process.
2. Public facilities and services will be maintained according to generally accepted standards of performance.
3. Different levels of maintenance shall be provided depending on the intensity of use and purpose of the site.
4. Operational standards and practices will be governed by the "Maintenance Standards Systems Manual" and the manual shall be periodically reviewed and updated.
5. A safe and sanitary environment shall be established and maintained for all physical facilities within the system with user safety as the greatest priority.
6. Park Ranger programs shall be utilized as an extra measure in the policing of system facilities.

Standards - Acquisition:

1. Careful consideration shall be given to the type, location, and extent of trailway corridors acquired by the City to insure that the City's comprehensive trail systems will satisfy the recreational and transportation needs of the residents on both a neighborhood and community-wide basis.
2. Land for multi-purpose trailways (MPTWs) shall be acquired primarily through right-of-way dedication and development related street construction, dedication of greenway or other off-street trailway corridors, purchase, eminent domain or donation. Trail acquisition through subdivisions shall be by means of dedication of outlots. Acquisition of less than fee simple interests such as easements or leases shall be undertaken whenever appropriate.
3. Acquisition of trailway corridors shall take into account privately owned/maintained facilities and related destinations which should be included in the comprehensive trail system so as to avoid any duplication and to conserve financial resources.

Policies - Acquisition:

1. Assure adequate public right-of-way is provided and dedicated for sidewalks and trails during the subdivision process.
2. In cases where the City must pursue direct acquisition, finances may come from donations, park dedication funds, capital improvement program, bond issuance and by grant programs when appropriate.
3. All trail acquisitions shall be reviewed by the Parks, Recreation and Natural Resources Advisory Committee and they shall make recommendations on such matters to the City Council.
4. Trail corridors that divide long blocks in residential subdivisions, provide access to parks, MPTWs or other public areas will be dedicated as outlots. Developers shall be responsible for installation of trails in corridors to prescribed specifications.

Standards - Trail Development:

1. The City shall create and maintain an attractive, diverse, and interesting system of urban and rural trails including, but not limited to, natural trails, sidewalks, multi-purpose trailways, hiking paths, snowmobile trails, cross-country ski trails,

and equestrian trails that encourage integration of a variety of compatible, non-motorized uses for recreation, pedestrian access and alternatives to automobile transit.

2. The City-wide trail system will be designed to minimize potential conflicts between trail users and motor vehicles in order to ensure the safety of the trail users and motorists alike.
3. In an effort to minimize construction costs, trails, where designated, are to be constructed in conjunction with state, county and city street improvements.

Policies - Trail Development:

1. Priority for trail development by public or private action will be given to the following areas:
 - a. Trails along major streets that have the most direct access to trail designations (major streets include major collectors and arterials).
 - b. Trails that will serve the most intensely used commuter destinations.
 - c. Trail construction within existing major parks and playfields.
 - d. Plan for trail inclusion in appropriate new park development.
 - e. Trails that will link together portions of Lakeville's trail system and Lakeville's trail system to other communities.
 - f. Trail construction within greenways.
 - g. Trail construction in conjunction with State, County and City road improvements and upgrades.
2. Work with the appropriate authorities to utilize available railroad and utility rights-of-way for trails when available and appropriate.
3. Finance the development of Lakeville trails system through private development, capital improvement programs, bond referendum funds and park dedication funds augmented by donations and grant programs whenever possible.
4. Developers or landowners adjacent and along street projects, major collector or arterial streets and greenway corridors identified as MPTWs in the system plan shall be responsible for construction of the trail. The City of Lakeville may at its discretion give credits towards existing or future park dedication requirements associated with platting of the property.

5. Utilize the park dedication fee from newly platted parcels for trail acquisition, development, and planning.
6. Encourage the private sector to provide recreational opportunities for specialized trail uses (i.e., snowmobiles, horses) and to provide access to existing City trail facilities.
7. Encourage the private sector to assist the City in the provision of trail support facilities (i.e., rest area, bike parking areas, etc.).
8. Develop trails in conjunction with roadway improvements.
9. Provide supportive facilities (i.e., bike parking areas, restrooms, water, rest areas, benches, etc.) in conjunction with trail development.
10. Establish corridors that minimize stop signs, cross traffic, and mixing with other modes of transportation.
11. Establish trail priorities to identify trails to be constructed in five years. Annually review and reassess the priority for the trails scheduled for construction within the next two years.
12. Develop a City-wide trail system that minimizes potential conflicts between trail users and motor vehicles and ensures the safety of the trail user.
13. Provide trail system connections between major community destinations areas (i.e., parks, schools, commercial/industrial centers, lakes, public buildings, and residential areas).
14. In an effort to minimize trail construction costs, trails are to be constructed in conjunction with State, County and City street improvements. Trails constructed with County road improvements shall be financed in conformance with the Dakota County trail financing policy.

Trail Facility Purpose & Design

Standards - General:

1. Provide a comprehensive system that addresses trail design and routes that respond to both transportation and recreational demands of the non-motorized modes of transportation.
2. Integrate the local trail system with the trail systems proposed by the State, County, and neighboring communities in order to maximize the local trail network.

Standards - Multiple Purpose Trailway (MPTW):

1. Trail segments designed for the integration of a variety of compatible non-motorized trail uses. The MPTWs will be bituminous trailways having a minimum trail width of ten (10) feet. The MPTW shall be off-street trailways that follow street rights-of-way or trailways within greenway corridors, parks and other facilities.

Standards - Sidewalks (SW):

1. Five (5) foot wide concrete sidewalks are required on one side of all local streets and both sides of minor collector streets within residential areas.
2. Eight (8) foot wide concrete sidewalks shall be required on both sides of all streets within or adjacent to commercial areas.
3. Developers or landowners shall be responsible for the cost of installation and maintenance of all concrete sidewalks.

Standards - On-Street Bike Lanes (BL):

1. Bike lanes are designated on-street trail segments for the exclusive use by bicyclists. Bike lanes shall be eight (8) foot wide paved trail segments located on the paved street shoulders. Bike lanes will be provided on both sides of the street.

Policies - Trail Facility Purpose and Design:

1. Develop a trail system that connects major residential areas with schools, parks, shopping areas, centers of employment, civic facilities and other recreational and commuter destinations.
2. Arrange pedestrian and bicycle trailways separate from motorized traffic, at a minimum along arterial and collector streets. Further separate pedestrian and bicycle traffic whenever physically and/or economically feasible, and in compliance with State laws.
3. Promote trail use as an alternative mode of transportation as well as for recreational purposes.
4. Require the construction of trails in conjunction with all street improvement projects in the following manner:
 - a. Arterials and Major Collectors: MPTWs on both sides of the roadway.

- b. Minor Collectors: Sidewalk on both sides of the roadway. A painted bike lane on both sides may be required.
 - c. Local Streets: Sidewalk shall be required on one side for residential areas and both sides for commercial areas.
 - d. Costs: Land owners or subdividers shall pay all costs for construction of sidewalks. Construction of MPTWs shall be landowners or subdividers paying all costs for grading and restoration and 5/8 of all other costs with the City paying 3/8 of costs excluding grading and restoration.
5. Major trail corridors in community parks or greenways should be a minimum ten foot wide bituminous with slopes not exceeding 8%.
 6. Design and construct trails according to the standards established by the City of Lakeville Engineering Department.
 7. Recommend and require where appropriate that the private sector provide bicycle parking facilities.
 8. Encourage the promotion of bicycle safety education courses in the City's public and parochial schools.
 9. Promote and encourage the utilization of bike and pedestrian corridors as ski touring routes during the snow season and consider other possible uses of bicycle trail corridors when safe and proper.
 10. Maintain all MPTWs and sidewalks in good repair and ensure that these trail segments are kept open and clear of snow throughout the year in accordance to an established priority list and as time allows, with a specific emphasis given for trails within a one mile radius surrounding all schools.
 11. Ensure that all pedestrian and bicycle street crossings on heavily traveled streets are clearly marked and lighted.
 12. Maintain a system-wide signage plan.

Policies - Horses:

1. Encourage and promote use of existing horse trails in Murphy Hanrehan Park Reserve.
2. Encourage private facilities to provide horseback riding opportunities where possible.
3. Prohibit horseback riding on trails unless otherwise designated.
4. Continue to use existing trails in Ritter Farm Park until such time they become inconsistent with park development or established and approved policies.

Policies - Snowmobiles:

1. Allow snowmobile street use in the City in accordance with Title 6, Chapter 3 of the Lakeville City Code until such time when snowmobile traffic becomes a hazard to public safety and welfare.
2. Promote the use of the Dakota County snowmobile trails.
3. Monitor development along Dakota County snowmobile trails to identify potential trail use conflicts with densely developed areas of the City.
4. In areas experiencing urban growth, promote new snowmobile route alignments that maintain a degree of physical separation between the development areas and the trail routes.
5. Encourage continued support of the City's private snowmobile club in the maintenance and upkeep of snowmobile trails and policing snowmobile use.

Policies - All Terrain Vehicles:

1. The use of motorized all terrain vehicles shall be prohibited in City parks and on trails within the system.

Standards - Trail Maintenance and Operation:

1. Provide for the efficient maintenance and operation of clean, orderly, controlled, safe and attractive trails, safeguarding the physical condition of trails from deterioration or damage due to weather, vandalism and other natural or human causes.

Policies - Trail Maintenance and Operation:

1. Develop a clear and concise system of trail graphics and signage that directs people along trails to specific points of interest.
2. Post trail safety rules along trails that give instructions on the safe and proper use of the trails.
3. Adopt traffic signing to control trail traffic and to educate both the motorist and trail users as to their relationship in traffic patterns.
4. Provide adequate maintenance of trail facilities to insure their availability for use throughout the year and their safe condition for the protection of the user.
5. Remove snow from trails within a one mile radius from school facilities.
6. Remove snow from all other trails as established by priority ranking and as time allows.
7. Police trails as necessary in order to maintain user safety.
8. Continue to light all MPTWs along major collector and arterial streets and greenway corridors.

Public Relations/Community

Standards:

1. Promote citizen interest and involvement in the City's park and recreation programs.
2. Educate citizens and facility users on the proper use, operation, and safety rules applicable to each system facility.

Policies:

1. Advertise City park facilities and recreation programs through the City newsletter, brochures, newspapers, web page, hot line, cable television, radio, informational signs, and other available media.
2. Publish a pamphlet that describes the trail routes, parks, playfields, service and rest facilities and that also includes a map of park facilities.
3. Develop a clear and concise system of trail graphics and signage that directs people along trails to specific points of interest.

4. Post trail safety rules along trails that give instructions on the safe and proper use of the trails.
5. Adopt traffic signing to control trail traffic and to educate both the motorist and trail users to their relationship to traffic patterns.
6. Conduct surveys periodically to assess frequency and characteristics of use, safety, and other factors on major portions of the trail system.
7. Staff shall be educated in public relation concerns and shall be utilized to inform the public and system users on a personal, one-on-one basis.

ANALYSIS AND RECOMMENDATION

Introduction

This chapter provides the analysis of future parks, trails and open space needs along with recommendations for addressing these needs. This chapter applies the park, trail and open space classification standards and policies outlined in previous chapters of this plan to the growth and land use expectations identified in the Lakeville 1998 Comprehensive Plan. In analyzing future facility needs through 2030, consideration was given to the following factors:

- Comparison of growth against national park standards.
- Continued integration of school facilities within the Lakeville park and trail system to avoid duplicate investment in park and recreation facilities.
- On-going development and upgrade in the trail system to improve access to City parks and expand the service areas of existing or planned facilities.
- Integrate the analysis of park needs with the Comprehensive Land Use Plan to identify park, trail and open space needs based on future land use, population growth and distribution, transportation planning, MUSA staging, and environmental protection.

Comparison With Accepted National Norms

Table 16, Recommended Facility Standards, summarizes by activity the recommended physical design standards, per capita recommendations and service radius for a wide variety of recreational activities. While these standards can be applied to existing conditions, their real asset is as a planning tool in establishing needs for future planning horizon years. Application of the standards will occur in subsequent analysis sections to reaffirm community trends or as a tool in guiding Lakeville decision-makers.

The following analysis provides a comparison of Lakeville's park system with standards established by the National Park and Recreation Association. The national standards provide the foundation for the City's park standards pertaining to park classification service areas and per capita acreage. This comparison provides a general benchmark for evaluating the adequacy of the existing system as well as forecasting future need. Following this general comparison, a more detailed evaluation of the City's various park classification and search need was conducted to address park and recreation issues unique solely to Lakeville.

**TABLE 16
PARK FACILITY STANDARDS**

Activity/Facility	Recommended Space Requirements	Recommended Size and Dimensions	Recommended Orientation	Number of Units Per Population	Service Radius	Location Notes
Basketball	2,400-3,036 SF	Full Court: 46' – 50' x 84' with 5' unobstructed space on all sides Half Court: 40' x 40'	Long axis north-south	Full Court: 1/city plus 1 per 5,000 people or Half Court: 1/city plus 1 per 2,000	¼ to ½ mile	Usually in school, recreation center, or church facility. Safe walking or bike access. Outdoor courts in neighborhood & community parks, plus active recreation areas in other park settings.
Ice Hockey	22,000 SF incl. support area plus parking	Rink 85' x 200' (minimum 85' x 185') additional 5,000 SF support area	Long axis north-south	Outdoor – 1/city plus 1/3,000 people	10-15 minutes travel time maximum	Best as part of multi-purpose neighborhood park.
Free Skating	Minimum 20,000 SF	Varies	None	1/city plus 1 per ¾ to 1 mile radii	¾ - 1 mile	Usually in neighborhood park.
Tennis	Minimum of 7,200 SF single court (2 acres for complex)	36' x 78' 12' clearance on both sides; 21' clearance on both sides	Long axis north-south	1 court per 2,000 people	¼ - ½ mile	Best in batteries of 2 or more. Located in neighborhood/community park or adjacent to school site.
Volleyball	Minimum of 2,000 SF	20' x 60' Minimum 6' clearance on all sides	Long axis north-south	1 court per 5,000 people.	¼ - ½ mile	Same as other court activities (e.g., basketball, etc.)
Baseball 1 – Official 2 – Little League	Minimum 3.0-3.85 AC Minimum 1.2 AC	- Base lines – 90' Pitching distance 60½' Foul lines min. 320' Center field 400'+ - Base lines – 60' Pitching distance 46' Foul lines 200' Center field 200'-250'	Locate home plate so pitcher throwing across sun & batter not facing it. Line from home plate through pitcher's mound run east-north-east.	1/city plus 1 per 6,000 plus lighted – 1 per 15,000 people.	¼ - ½ mile	Lighted fields part of community complex
Field Hockey	Minimum 1.5 AC	180' x 300' with a minimum of 6' clearance on all sides	Fall season – long axis NW to SW. For long periods, north to south.	1 per 20,000 people	Maximum 15 minutes travel time	Usually part of baseball, football, soccer complex in community park or adjacent to high school

**TABLE 16 – continued
PARK FACILITY STANDARDS**

Activity/Facility	Recommended Space Requirements	Recommended Size and Dimensions	Recommended Orientation	Number of Units Per Population	Service Radius	Location Notes
Football	Minimum 1.5 AC	160' x 360' with a minimum of 6' clearance on all sides	Same as field hockey	1 per 20,000 people	15 minutes travel time	Same as field hockey.
Soccer	1.7 to 2.1 AC	195' to 225' x 300' to 360' with a 10' min. clearance on all sides	Same as field hockey	1/city plus 1/3,500 people	1-2 miles	Number of units depends on popularity. Youth soccer on smaller fields adjacent to schools or neighborhood parks.
Lacrosse	Same as soccer	180' x 300' to 330' with a 10' min. clearance on all sides.	Same as field hockey	1/city plus 1/3,500 people.	1-2 miles	Number of units depends on popularity.
Softball	1.5 to 2.0 AC	Base lines 65' Pitching distance – 55' Min. 40' – women Fast pitch field radius from plate – 225' between foul lines Slow pitch – 275' (men) 250' (women)	Same as baseball	1/city plus 1 per 2,000 people	¼ - ½ mile	Slight difference in dimensions for 16" slow pitch. May also be used for youth baseball.
Multiple Rec. Court (basketball, volleyball, tennis)	10,000 SF	120' x 80'	Long axis of courts with primary use is north-south	1/city plus 1 per 2,000 people (may include basketball, tennis, and multi-use)	¼ - ½ mile	Should be located in neighborhood parks.
Par 3 (18 hole)	50-60 AC	Average length-vary 600-1,700 yards	Majority of holes on north-south axis	NA	15-30 minutes travel time	9 hole course can accommodate 350 people/day. 18 hole course can accommodate 500-550 people a day. May be privately owned.
9 hole standard	Minimum 50 AC	Average length – 2,250 yards		1/25,000 people		
18 hole standard	Minimum 110 AC	Average length – 6,500 yards		1/50,000 people		

**TABLE 16 – continued
PARK FACILITY STANDARDS**

Activity/Facility	Recommended Space Requirements	Recommended Size and Dimensions	Recommended Orientation	Number of Units Per Population	Service Radius	Location Notes
Golf Driving Range	13.5 AC for minimum of 25 tees	900' x 690' wide, add 12' width for each additional tee	Long axis south-west-northeast with golfer driving toward northeast	1 per 50,000 people	15-30 minutes travel time	Part of golf course complex. As a separate unit, may be privately operated.
Disk Golf	15 to 18 acres	18 goals with 250 linear feet per goal	Orientation should be one-way on front nine goals and opposite direction on back nine goals.	NA	NA	NA
Archery Range	Minimum .65 AC	300' length x minimum 10' wide betw. targets. Roped clear space on sides of range min. of 30' clear space behind targets minimum of 90' x 45' with bunker	Archer facing north + or - 45 degrees	1 per 50,000 people	30 minutes travel time	Part of a regional/metro park complex or community special use facility.
Swimming Pools	Varies on size of pool & amenities. Usually ½ to 2 AC site.	Teaching – minimum of 25' x 45' even depth of 3-4 feet. Competitive-minimum of 25m x 16m. Minimum of 27 SF of water surface per swimmer. Ratios of 2:1 deck vs. water.	None – although care must be taken in siting of lifeguard stations in relation to afternoon sun.	1 per 20,000 people should accommodate 3-5% of total population at a time)	15-30 minutes travel time	Pools for general community use should be planned for teaching, competitive and recreational purposes with enough depth (3.4m) to accommodate 1m and 3m diving boards. Located in community park or school site.
Beach Areas	NA	Beach area should have 50 SF of land and 50 SF of water per user. Turnover rate is three. There should be 3-4 acres supporting land per acre of beach.	NA	NA	NA	Should have sand bottom with slope of maximum of 5% (flat preferable). Boating areas completely segregated from swimming areas.

Source: National Recreation and Parks Association

Park Land Areas Compared With National Norms

As illustrated in Table 17, the City of Lakeville has approximately 1,607.18 acres of park land. This figure is comprised of six community parks (617.5 acres), five community playfields (197.0 acres), 38 neighborhood and mini-parks (338.75 acres), nine special use parks (16.22 acres), and 22 greenways/conservancy areas (453.93 acres).

Lakeville also has worked very closely with the school districts that serve the City in providing local recreational facilities. The school sites serve to supplement the City's community playfields and neighborhood park system. Through three School Districts, 11 elementary schools are located in Lakeville. The elementary schools have been blended into the residential neighborhoods and they serve a similar recreation function as neighborhood parks.

Middle and high schools provide five additional sites in Lakeville for outdoor recreation. These facilities typically provide playfields that supplement the City's community playfields. Table 18 illustrates the Lakeville school sites by area. In examining available site plans for the various schools, it was determined that outdoor recreation facilities comprised between 30 to 50 percent of the elementary school sites and between 50 and 66 percent of the middle school and high school sites. These percentages were used to identify the range of acreage available for active outdoor recreation available at each site.

**TABLE 17
PARK USE: ACTIVE VS. PASSIVE ACRES**

	Total Acres	Active Acres	Percent of Total Acres
COMMUNITY PARKS:			
1. Antlers Park and Beach	12.0	10.0	83.3%
2. Casperson	40.0	9.0	22.5%
3. East Lake	52.2	30.0	57.5%
4. Ritter Farm	340.0	66.0	19.4%
5. Valley Lake Park and Beach	42.0	10.0	23.8%
6. West Lake Marion	39.3	0	0
Total Community Parks:	617.5	125.0	20.2%
COMMUNITY PLAYFIELDS:			
1. Aronson	70.0	55.0	78.6%
2. King	50.0	45.0	90.0%
3. McGuire	8.0	6.0	75.0%
4. North Park	42.0	36.0	85.0%
5. Quigley Sime	27.0	15.0	55.5%
Total Community Playfields:	197.0	157.0	79.7%
NEIGHBORHOOD PARKS/MINI-PARKS:			
1. Bassett (mini-park)	.75	.5	66.6%
2. Bracketts Crossing (mini-park)	1.0	.25	25.0%
3. Bunker Hill	10.0	9.0	90.0%
4. Cedar Highlands	8.9	1.0	11.2%
5. Chadwick	8.7	8.7	100.0%
6. Cherry View	12.5	9.0	72.0%
7. Dakota Heights	12.0	8.0	66.6%
8. Dodd Pointe (mini-park)	2.5	.5	20.0%
9. Dodd Trail	11.3	11.0	97.3%
10. Fairfield	4.0	4.0	100.0%
11. Foxborough	27.0	21.0	77.7%
12. Fieldcrest	10.0	10.0	100.0%
13. Greenridge	10.0	10.0	100.0%
14. Highview Heights	10.0	9.0	90.0%
15. Hypointe Crossing	2.0	1.25	62.5%
16. Independence	6.0	6.0	100.0%
17. Jaycee	3.5	3.0	85.7%
18. Kenmore (mini-park)	.25	.2	80.0%
19. Kenreel (mini-park)	.25	.25	100.0%
20. Kensington	10.0	8.0	50.0%
21. Lakeridge	12.0	5.5	45.8%
22. Lone Oak (mini-park)	.5	.5	100.0%
23. Lynwood Heights (mini-park)	3.4	3.4	100.0%
24. Marion Fields	5.0	2.5	50.0%
25. Meadows	17.0	6.0	35.2%
26. Oaks of Lake Villa (mini-park)	13.22	3.4	25.7%
27. Oak Shores	23.0	4.0	17.4%
28. Orchard Lake	3.2	2.5	78.1%
29. Parkview	11.0	8.0	72.7%
30. Prairie Lake	9.7	7.0	72.1%

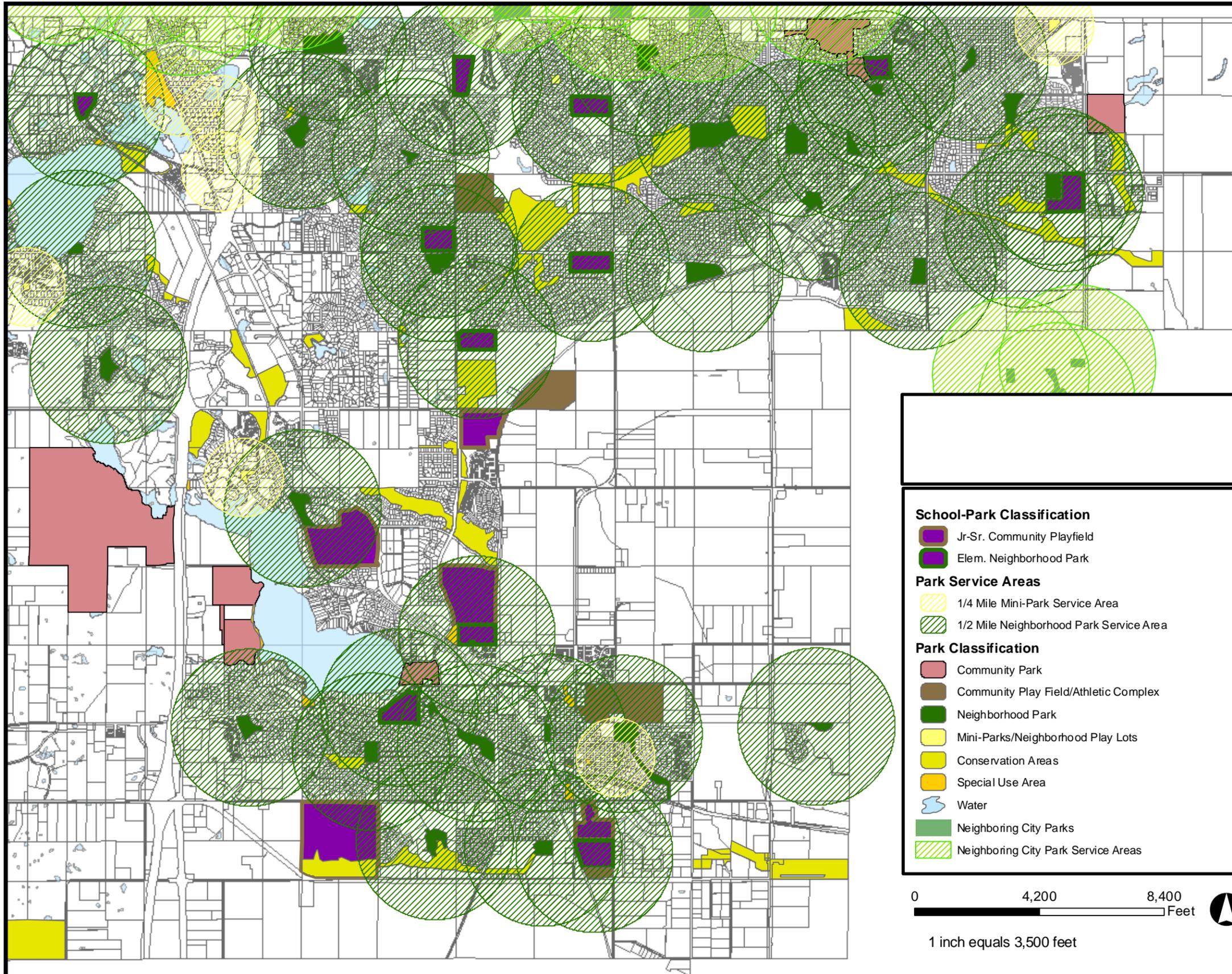
	Total Acres	Active Acres	Percent of Total Acres
31. Quail Meadows	10.0	9.0	90.0%
32. Rolling Oaks	12.0	11.0	91.6%
33. Sleepy Hollow	4.0	4.0	100.0%
34. Spyglass	4.2	4.2	100.0%
35. Stoneborough	6.18	4.3	69.6%
36. Terrace (mini-park)	1.0	.5	50.0%
37. The Greenway	29.7	4.0	13.5%
38. Village Creek	23.0	10.0	43.5%
Total Neighborhood/Mini-Parks:	338.75	210.45	62.1%
SPECIAL USE:			
1. Lakeville Ames Arena	3.7	3.7	100.0%
2. Lakeville Area Arts Center	4.7	1.0	21.3%
3. Lakeville Senior Center	.57	.57	100.0%
4. Lake Marion Fishing Bridge	.25	0	0%
5. James Jensen	3.5	3.0	85.7%
6. Juno Trail Head	1.0	0	0%
7. Orchard Lake Beach	.5	.5	100.0%
8. Pioneer Plaza	.5	.25	50.0%
9. Wayside Park	1.5	.5	33.3%
Total Special Use Parks:	16.22	9.52	58.7%
GREENWAYS/CONSERVANCY AREAS:			
1. Cherryview Pond	8.0	0	0%
2. Lake Place	9.3	0	0%
3. Dakota Heights #2	1.0	0	0%
4. Daniels Addition	5.0	0	0%
5. Dodd Marsh	27.4	2.0	7.3%
6. Foxborough	56.0	0	0%
7. Goose Lake	4.0	0	0%
8. Kachina Court	18.9		0%
9. Mallard Shores	1.0	0	0%
10. Meadows	10.0	0	0%
11. North Creek	41.93	0	0%
12. North Park	98.0	0	0%
13. Orchard Trail	26.7	0	0%
14. Quail Meadows	14.0	0	0%
15. Raven Lake	3.4	0	0%
16. Rolling Oaks	3.0	0	0%
17. Shady Oak Grove	1.4	0	0%
18. Spring Hill	3.1	0	0%
19. South Creek	68.7	0	0%
20. Wild Meadows	17.1	1.0	5.9%
21. Woodbury	26.0	0	0%
22. Zweberwoods	10.0	0	0%
Total Greenways/Conservancy Areas:	453.93	3.0	0.7%
TOTAL CITY PARKS:	1607.18	495.45	30.8%

TABLE 18 SCHOOL FACILITIES ACTIVE PLAY LAND AREA		
School Facility	Total Acres	Active Acres
ELEMENTARY SCHOOLS:		
Cherryview	19.7	6.5 – 9.8
Christina Huddleston	18.5	6.1 – 9.2
Crystal Lake	22.0	7.3 – 11.0
Eastview	18.6	6.1 – 9.3
John F. Kennedy	25.0	8.2 – 12.5
Lakeview	23.6	7.8 – 11.8
Lake Marion	19.3	6.4 – 9.6
North Trail	26.5	8.0 – 13.2
Oak Hills	19.3	6.4 – 11.8
Orchard Lake	14.3	4.7 – 7.1
Park View	13.0	4.3 – 6.5
Total Elementary Schools:	219.8	71.8 – 111.8
MIDDLE SCHOOLS:		
Century	41.0	20.0 – 27.0
Kenwood Trail	84.0	42.0 – 55.0
McGuire	23.9	12.0 – 15.8
Total Middle Schools:	148.9	74.0 – 97.8
HIGH SCHOOLS:		
Lakeville North High	75.3	37.7 – 50.0
Lakeville South High	108.1	54.0 - 71.3
Total High Schools:	183.4	91.7 – 121.3
TOTAL ALL SCHOOLS:	552.1	237.5 – 367.7



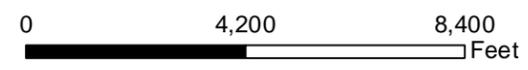
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**MAP 12:
PARK & SCHOOL
SERVICE AREAS**



- School-Park Classification**
- Jr-Sr. Community Playfield
 - Elem. Neighborhood Park
- Park Service Areas**
- 1/4 Mile Mini-Park Service Area
 - 1/2 Mile Neighborhood Park Service Area
- Park Classification**
- Community Park
 - Community Play Field/Athletic Complex
 - Neighborhood Park
 - Mini-Parks/Neighborhood Play Lots
 - Conservation Areas
 - Special Use Area
 - Water
 - Neighboring City Parks
 - Neighboring City Park Service Areas

Source: City of Lakeville



1 inch equals 3,500 feet



May 2006



Table 19 lists per capita park acreage national standards or norms for active use purposes within a municipal park system. These standards indicate a range of park acreage for such active uses as ballfields, athletic facilities, play equipment, parking and similar developed uses. Passive or inactive conservation parcels are not considered by these standards and these respective use acreages should be subtracted from total areas before any comparisons are made.

Usable, active park area use is reduced in most municipal parks due to a variety of constraints. Lakeville is no exception. The effective, usable area in virtually all of Lakeville's parks must take into consideration natural limitations including wetlands, drainage basins, steep slopes and wooded areas. These factors obviously contribute to park aesthetics and provide passive conservation areas for the community. However, the effective usable area of the park is reduced.

TABLE 19 PER CAPITA PARK ACREAGE STANDARDS FOR ACTIVE USE PARCELS	
	Acre/1,000 Population ¹
Mini-Park	.25 - .5
Neighborhood Park	2.5 – 3.5
Athletic Field	2.0 – 2.5
Community Park	5.0 – 8.0
	9.75 – 14.5
SOURCE: NRPA	

¹ Range designated minimum to desirable

Table 20 illustrates that out of 1,607.18 acres of park land, 495.45 acres or 30.8 % is available for active play. Additionally, between 237.5 and 367.7 acres of active recreational land is available within Lakeville through local schools. Combined, Lakeville's parks and schools provide between 732.95 and 863.15 acres of active play area. In general, the combined area of all types of active recreation space appears to be sufficient to serve the estimated 2005 population of 52,446. However, continued residential growth through 2030 will require the provision of additional parks. Particular attention must be given to the full development of additional community parks (i.e. East Lake Community Park) to meet future community needs. Acquisition and development of additional neighborhood facilities as new development occurs is also a priority to ensure appropriate localized services and facilities.

**TABLE 20
FUTURE ACTIVE AREA RECOMMENDATIONS**

	Functional Classification				Sub-Total	Total Acres All Class. ¹
	Community Parks	Community Playfields	Neighborhood Parks	Mini Parks		
Per Capita National Std. Acres/1,000 Population	5.0 – 8.0 acres	2.0 – 2.5 acres	2.5 – 3.5 acres	.25 - .5 acres		
Existing Lakeville Parks:						
Number of Parks	6	5	27	9	48	80
Total Area Acres	617.5	197.0	315.88	22.87	1,153.25	1,607.05
Active Area Acres	125.0	157.0	200.45	9.5	493.25	495.45
Existing Lakeville Schools:						
Number of Schools	NA	5	11	NA	16	
Total Area Acres	NA	481.2 ²	219.8 ³	NA	701.0	
Total Active Acres	NA	165.7-219.0 ²	71.8-111.8 ³	NA	237.5-330.8	
Total Area Park & Schools	617.5	678.2	535.68	22.87	1,854.25	
Total Active Area Park & Schools	125.0	322.7-376.0	272.25-312.25	9.5	729.45-822.75	
2005 Active Acreage Needs Population 52,466	262-420	105-131	131-184	13-26	682-761	
Net Acres Existing vs. Needs	(-295)-(-137)	(+191)-(+271)	(+89)-(+182)	(-17) – (-4)	(-31)-(+312)	
2010 Active Acreage Needs Population 55,200	276-442	110-138	138-193	14-28	538-801	
Net Existing/Needs	(-317)-(-151)	(+185)-(+266)	(+80)-(+175)	(-19)-(-5)	(-71)-(+285)	
2020 Active Acreage Needs Population 76,500	383-612	153-191	191-268	19-38	746-1109	
Net Existing/Needs	(-467)-(-258)	(+132)-(+223)	(+5)-(+122)	(-28)-(-10)	(-358)-(+77)	
2030 Active Acreage Needs Population 86,000	430-688	172-215	215-301	22-43	839-1247	
Net Existing/Needs	(-563)-(-305)	(+108)-(+204)	(-38)-(+98)	(-33)-(-12)	(-516)-(-15)	

Source: NPRA, Northwest Associated Consultants, Inc.

- ¹ All classifications include special use facilities and conservancy areas.
- ² Middle and high school facilities were included as community playfield facilities
- ³ Elementary schools were included as neighborhood park facilities.

Community Park Facility Needs

Lakeville's park classification and policies establish the following service parameters for community parks.

Service Area: Community-wide

Per Capita Standard: Five to eight acres per 1,000 population.

Desirable Size in Acres: Minimum size 25 acres with 50 to 100+ acres desirable.

Lakeville has been successful in establishing significant community parks taking advantage of unique natural settings within the community. Map 12 illustrates the location of each community park. Table 20 indicates the need for expanded community park active areas for the current 2005 population and increasing with future growth to 2030. To address current and future community park needs, the following recommendations are offered:

1. To balance the City-wide distribution of community park facilities, the City has acquired land for development of East Lake Community Park in northeastern Lakeville. A 40 acre parcel has been acquired along Pilot Knob Road and adjacent to the Spirit of Brandtjen Farm development. Additional land for this park is being acquired through park dedication from the Spirit of Brandtjen Farm subdivision and through outright purchase using Dakota County grant monies with a matching City contribution. The land dedicated from the Spirit of Brandtjen Farm development will encompass the eastern shoreline of East Lake as well as a future greenway corridor extending northeast from the park area to connect with Apple Valley via an existing box culvert under CSAH 46.
2. As the opportunity presents itself, it is a high priority to expand Antlers Park to the east through park land dedication, acquisition, or future park dedication credits associated with the development of adjoining land to the east.
3. Improvements within Casperson Park are to be considered in accordance with its master plan and will be pursued to expand the active play areas within the community park.
4. Pursue the acquisition of the land between Casperson Park and West Lake Marion Park, as well as the land located along Lake Marion north of Casperson Park, to establish a contiguous community park along the entire western shoreline of Lake Marion and create a master plan for West Lake Marion Community Park.
5. Pursue expansion of Ritter Farm Park to the south through park dedication or acquisition and expand community recreation at Ritter Farm Park opportunities through nature programs and themed special events.

6. Increase accessibility and utilization for both Casperson and Ritter Farm Park through improved trail connections.
7. The City will pursue the specific park design recommendations described for the individual community parks in Appendix A.

Community Playfields

Lakeville's park classifications and policies establish the following service parameters for community playfields:

Service Area: Community-wide.

Per Capita Standard: Two to two and one-half acres per 1,000 population.

Desirable Size in Acres: Minimum 20 developed acres, maximum 60 developed acres.

Lakeville's five community playfields include 197 total acres and 157 active acres. City facilities in conjunction with school facilities provide 375.3 to 322.7 active acres, which is well beyond the forecasted 2030 need. Although the City's available playfield acreage exceeds projected needs, issues and opportunities exist for playfield improvements that can expand the utilization of existing facilities to meet the growing needs of the City's sport organizations. The local athletic associations have each strongly complimented the conditions and availability of the Lakeville playfields. These groups also identified future needed enhancements leading to the following recommendations:

1. Each athletic association indicated that cross use facilities have not worked. They cite the wear and tear on the playfields from differing sport facilities deteriorated the facilities for each sport. The second issue related for cross use facilities is scheduling conflicts between sports. Segregation of the different sporting activities similar to the City's past practices (North Park-soccer, King Park-baseball, Aronson Park-softball) have been effective and should continue to be pursued.
2. The provision of field lighting will be pursued to expand the utilization of existing playfield facilities. This improvement will allow for extended user hours and expanded league play. Field irrigation along with improved turf management will be required to compensate for the wear and tear that extended user hours will have on the turf.
3. Community playfield facilities that allow for tournament play are desired by the athletic associations. Tournaments offer opportunities for City promotion and provide the athletic associations the opportunity for fund raising. Funds generated through athletic associations tournaments assist both in financing association operations and physical improvements within the City's community playfields.

4. Lakeville playfield facilities offer this opportunity with the following improvements:
 - a. Lighted fields to extend user hours.
 - b. Fencing of baseball and softball field to provide segregated field play.
 - c. Expanded bathroom facilities within the community playfields.
 - d. Spectator facilities, benches, concessions, bathrooms.
 - e. Playfield storage facilities.
 - f. Provision of adequate parking.
 - g. Installation of automatic irrigation facilities.
 - h. Rehabilitation of older buildings (i.e., Aronson Park) must be undertaken in the near future.

5. Each sports league is experiencing growth resulting in increased user pressure on existing facilities. This trend will continue with on-going residential development. To address future needs, it is desirable to expand existing facilities rather than create new playfields. Expansion opportunities that should be pursued should include:
 - a. Expansion of Village Creek Park should be planned with the eventual development of additional soccer and/or softball facilities and also additional parking.
 - b. King Park is currently located outside the City's existing MUSA. Due to sewer constraints, the land surrounding King Park is not anticipated to be brought into the MUSA until after 2010. This MUSA status provides the City with the opportunity to consider expansion options for King Park to the east prior to experiencing development pressures. Expansion of the MUSA will provide an opportunity for installation of sewer and water utilities at King Park to support a multipurpose building for development of an active recreation/athletic center. Provision must be made as surrounding parcels develop to accommodate King Park infrastructure needs when available.
 - c. In the event a new playfield is required, the City should pursue land outside the MUSA. This will provide more favorable acquisition price and allow for the establishment of the playfield without surrounding urban land uses.

6. Supplementing the community playfields are neighborhood parks and school facilities, which are used for youth recreation leagues, organized and managed by a volunteer organization. These facilities are generally adequate for this level of use, however, they present the following two issues:
 - a. Present City policy for neighborhood parks recommends no active league use in neighborhood facilities, with these activities being directed towards community playfields. The current use runs contrary to this policy. The

City must continue to work active towards locating league use in community playfields and away from neighborhood park facilities.

- b. In the past, the various athletic associations have expressed concern over the condition, and maintenance of the School District facilities, which did not favorably compare with City facilities. These conditions were attributed to the School District's limited funds. The City has maintained all school infields for the past five years which has greatly improved conditions system-wide.
6. To avoid duplicate expenditures in land and facilities, continued cooperative efforts between the City and School Districts will be maintained to improve the quality of the outdoor recreation facilities at the local schools.
7. The City will pursue the specific park design recommendations described for the individual community playfields in the individual facility analysis to be included as Appendix A.

Neighborhood Park/Mini-Parks

Lakeville's park classification and policies outline the following service parameters for neighborhood parks.

Service Area: Approximately one-half mile radius uninterrupted by principal roadways or major physical barriers. Secondary service to residences within three-quarter mile radius.

Per Capita Standard: Two and one-half to three and one-half developed acres per 1,000 population.

Desirable Size in Acres: Maximum park size of 8 to 20 acres with seven to ten acres developed for active functions. The remainder may be passive or provide other functions.

Neighborhood parks are intended to provide the primary facility for neighborhood recreation. Mini-parks will be utilized to supplement the neighborhood park system within residential areas isolated by physical barriers or access constraints that prevent use of larger neighborhood parks. Lakeville's park classifications and policies outline the following service parameters for mini-parks.

Service Area: Less than one-quarter mile radius preferred. One-half mile radius in select circumstances.

Per Capita Standard: One-quarter to one-half an acre per 1,000 population.

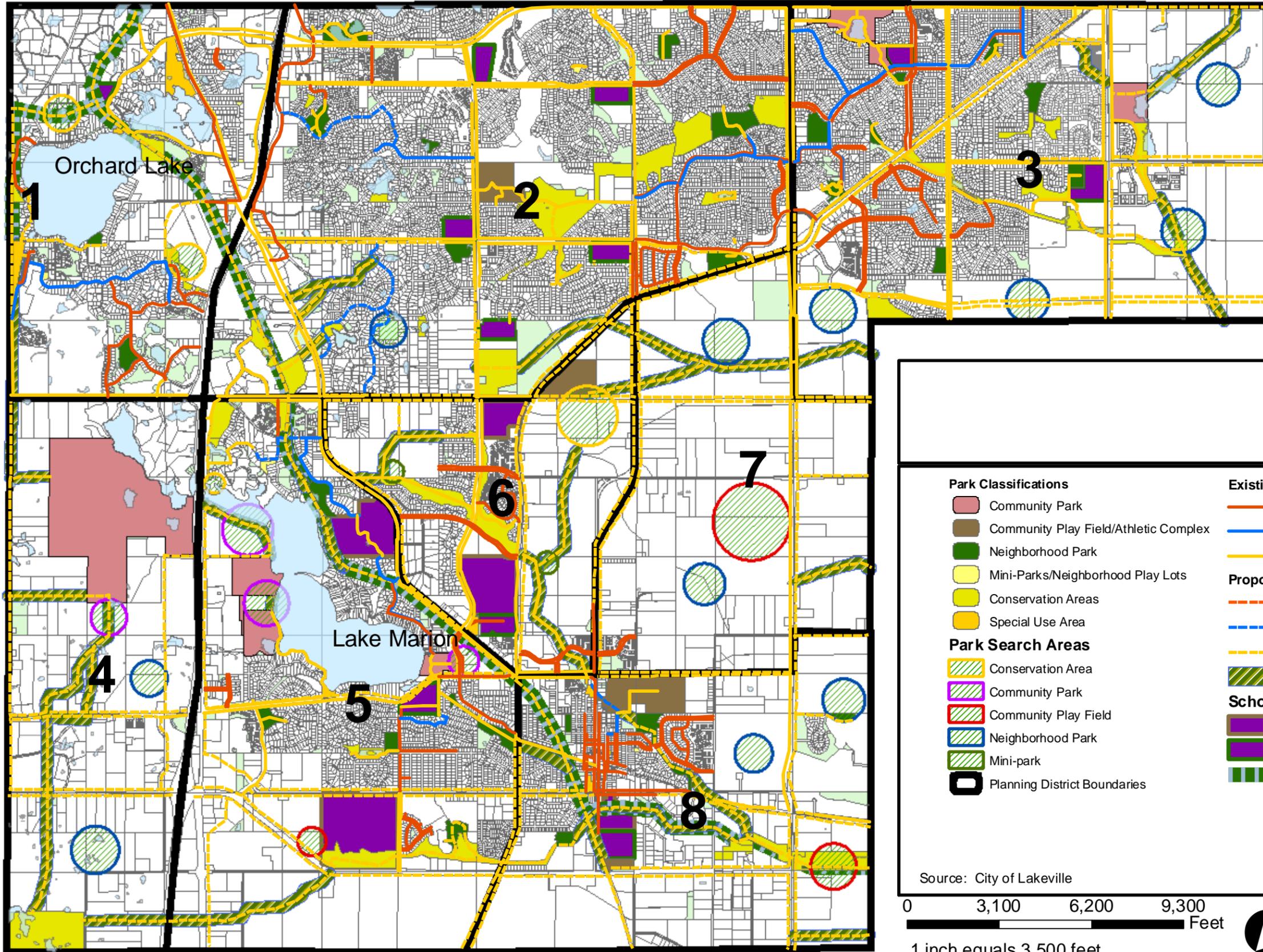
Desirable Size in Acres: Minimum size one to five acres.

Table 20 indicates that by year 2030, Lakeville will have needs of between 228 and 319 active acres of neighborhood parks. Lakeville's existing neighborhood and mini-parks provide approximately 210 acres of active park land. Lakeville elementary schools provide an additional 72 to 112 acres of active recreation land. Collectively, these facilities meet the forecasted area needs of the City beyond 2020 and approaching 2030. However, the distribution of existing facilities does not address all the growing service areas of the City. New neighborhood park facilities must continue to be acquired and developed within the new growth areas of Lakeville.

To provide a detailed examination of Lakeville's neighborhood park needs, the City has been divided into eight park planning districts. The districts were defined by physical barriers that serve limited park service areas. Within these park planning districts, the park and trail needs were examined in relation to population growth, proposed land use, and transportation recommendations. Within the park planning district, geographic-specific recommendations have been provided addressing neighborhood park and trails.



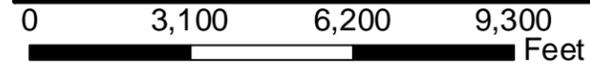
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**MAP 13
PARK PLANNING DISTRICTS
PARK AND SCHOOL SERVICE AREAS**

<p>Park Classifications</p> <ul style="list-style-type: none"> Community Park Community Play Field/Athletic Complex Neighborhood Park Mini-Parks/Neighborhood Play Lots Conservation Areas Special Use Area <p>Park Search Areas</p> <ul style="list-style-type: none"> Conservation Area Community Park Community Play Field Neighborhood Park Mini-park Planning District Boundaries 	<p>Existing Trails</p> <ul style="list-style-type: none"> Sidewalk On-Street Bike Lanes Multi-Purpose Trailway <p>Proposed Trails</p> <ul style="list-style-type: none"> Sidewalk On-Street Multi-Purpose Proposed Greenways <p>School-Park Type</p> <ul style="list-style-type: none"> Jr-Sr. Community Playfield Elem. Neighborhood Park Regional Greenway
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Source: City of Lakeville



1 inch equals 3,500 feet



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May 2006



Park Planning District 1

District 1 is located in the northwest corner of Lakeville. The district boundaries are defined by the City boundaries on the north and west, 185th Street on the south and I-35 on the east.

2020 Land Use

The 2020 Land Use Plan proposes rural residential land use in the extreme northwest corner of the district. Commercial land uses are guided along the freeway and around both the I-35/Highway 50 and the I-35/County Road 46 interchanges. Business campus uses and residential land uses at a variety of densities are proposed through the balance of the district. Through the implementation of the 2020 Land Use Plan, District 1 population is anticipated to grow from a current 3,161 people to 7,030 people by 2020, when the area would be considered fully developed. No significant changes to the Land Use Plan would be anticipated for this area of the City as part of the extension of the Comprehensive Plan planning timeframe to 2030.

Existing Park Facilities

Existing park facilities consist of primarily smaller facilities sparsely dispersed through District 1. District 1 is currently served by the following City parks and school facilities:

Name	Total Acres	Active Acres
NEIGHBORHOOD/MINI PARKS:		
Bracketts Crossing Park	1.0	.25
Kenmore Park	.25	.20
Kenreel	.25	.25
Lone Oak Park	.50	.50
Oaks of Lake Villa	13.2	3.4
Orchard Lake Park	3.2	2.5
Prairie Lake Park	9.7	7.0
Total Neighborhood/Mini Parks:	28.1	14.1
GREENWAYS/CONSERVANCY AREAS:		
Lone Tree Point	26.5	0.0
Orchard Trail	26.7	0.0
SPECIAL USE PARKS:		
Orchard Lake Beach	.50	.50
Wayside Park	1.50	.50
Total Special Use Parks:	2.00	2.00
Total Parks:	43.6	11.7
SCHOOLS:		
Orchard Lake Elementary	14.3	4.7 – 7.1
TOTAL DISTRICT RECREATIONAL AREAS:	97.6	19.8 – 22.2

Comparison with City Standards

The City standards suggest 2.5 to 3.5 acres of active neighborhood parks per 1,000 population. With a current population of approximately 3,161 persons, between 7.75 and 10.85 active acres should be provided. The existing park and school facilities within District exceed the current active space needs. As the district continues to grow towards full development around 2020 population of 7,030, district neighborhood park needs are anticipated to expand to between 17.6 and 24.6 active acres. Active recreational areas available at existing City and school facilities are within this range as well.

Recommendations

1. Physical barriers, development patterns, and environmental features in the northern half of District 1 limit park land opportunities in this area of the City. There is a YMCA day camp at the southwest corner of the intersection of Klamath Trail and County Road 5. If the site ever experiences a change of use or is redeveloped, consideration should be given to the establishment of a neighborhood park in this area to serve the surrounding residential neighborhoods.
2. The development patterns in District 1 restrict the availability of additional new park sites. In this respect, trail system improvements within District 1 will improve access to available recreation facilities.
 - a. Extension of trail or bike lanes around Orchard Lake.
 - b. Completion of MPTW along Kenyon and Keokuk Avenues to provide for north-south trailways within the district.
 - c. Provide trail access into Murphy Hanrehan Regional Park from the south.
3. Murphy Hanrehan Regional Park extends into Lakeville along District 1's western boundary providing additional regional recreational facilities. The City will work with Three Rivers Park District to encourage development of active recreational uses in the eastern portions of Murphy Hanrehan to increase recreational opportunities for Lakeville residents, particularly those closest to the regional park within District 1.
3. A conservation search area is identified within District 1 adjacent to an existing wetland, west of Orchard Lake Elementary. There is also opportunity for a park area west and south of the existing Queen Anne Manufactured Home community. Acquisition of these park areas and conservation areas should be accomplished through dedication as park land, stormwater management areas or wetland buffers or purchase.



Park Planning District 2

District 2 is located in the north central portion of Lakeville. The district boundaries include I-35 on the west, County Road 46 on the north, Cedar Avenue on the east, and a combination of 185th Street and Dodd Boulevard on the south.

2020 Land Use Plan

All of District 2 is within the existing MUSA. The majority of the district is developed. Future growth will consist of infill development. The 2020 Land Use Plan proposes commercial and business campus uses along the freeway. The balance of the district is proposed to include residential development at varying densities with some scattered commercial sites. Currently, District 2 is estimated to contain a 15,229 population. Through the implementation of the 2020 Land Use Plan, future population in District 2 is estimated to increase to approximately 25,770.

Existing Park and School Facilities

Developed area in District 2 is well served by the City park and school system. The following parks and school facilities serve the recreational needs of District 2.

	Total Acres	Active Acres
NEIGHBORHOOD/MINI PARKS:		
Cherryview	12.5	9.0
Dakota Heights	14.0	8.0
Foxborough	27.0	21.0
Highview Heights	10.0	9.0
Hypointe Crossing	2.0	1.25
Linwood Heights	3.4	3.4
Oak Shores	23.0	4.0
Rolling Oaks	12.0	11.0
Total Neighborhood Parks:	103.9	66.65
COMMUNITY PLAYFIELDS:		
North Park	42.0	36.0
GREENWAYS/CONSERVANCY AREAS:		
Cherryview Pond	8.0	NA
Dakota Heights #2	1.0	NA
Daniel's Addition	5.0	NA
Foxborough	56.0	NA
Goose Lake	4.0	NA
Kachina Court	18.9	NA
North	98.0	NA
Raven Lake	3.4	NA
Rolling Oaks #2	3.0	NA
Woodbury	26.0	NA
Zweber Woods	10.0	NA
Total Greenways/Conservancy Areas:	233.3	NA
TOTAL PARKS:	379.2	102.65

	Total Acres	Active Acres
SCHOOLS:		
Cherryview Elementary	19.7	6.5-9.8
Christina Huddleston Elementary	18.5	6.1-9.2
Crystal Lake Elementary	22.0	7.3-11.0
Eastview Elementary	18.6	6.1-9.3
Oak Hills Elementary	19.3	6.4-11.8
Total Schools:	98.1	32.4-51.1
TOTAL DISTRICT 2 RECREATION AREAS:	477.3	135.05-153.75

Comparison of Neighborhood Park Area vs. City Standards

City standards suggest between 2.5 to 3.5 acres of active neighborhood park acres per 1,000 people being served. When full development of the District occurs around 2020, population of approximately 25,762 will require between 64.4 and 90.1 acres of active recreation land. The neighborhood parks alone are at the low end of this forecast, however, the combination of all the City park land and school facilities within District 2 exceed the projected need. While the quantity of park and recreation facilities is very good in District 2, examination of the park service area standard reveals that several areas of District 2 are under served by existing facilities. This area of the City must be considered for future park search areas.

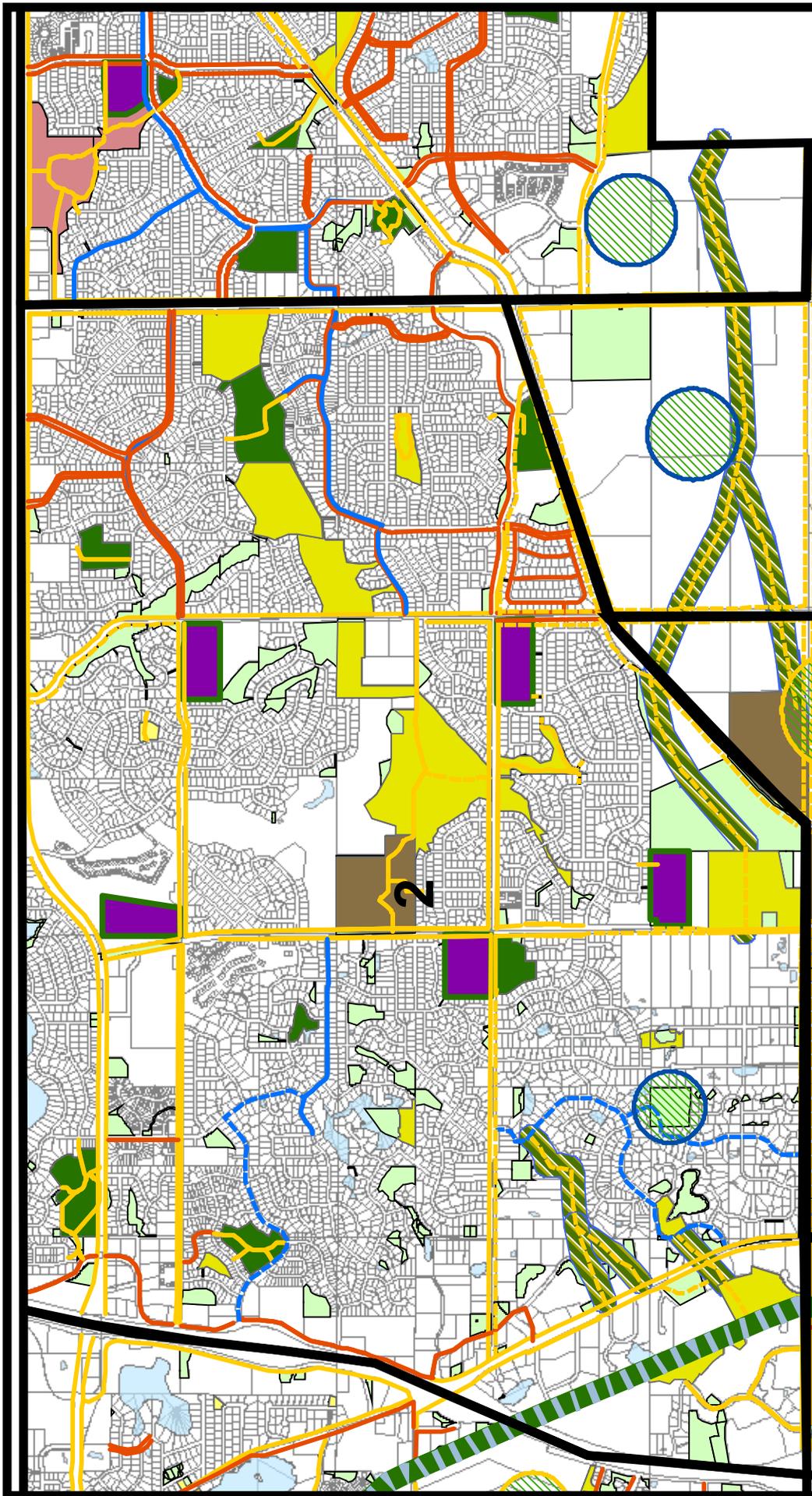
Recommendations

The following recommendations are offered for future park and trail facilities in District 2:

1. A neighborhood park search area is identified over the existing water tower site within the Dakota Heights neighborhood. The 9.8 acre site is underutilized in its current condition and presents an opportunity to develop needed recreational facilities for this neighborhood and making full use of the City owned property. The water tower is located in the north central portion of the site, making approximately five acres of the site available for park uses.
2. The existing trail system provides fairly comprehensive coverage throughout District 2. New trail improvements should include:
 - a. Complete the MPTWs along Ipava Avenue between 175th Street and 185th Street. This trail corridor will continue south with the future extension of Ipava Avenue.
 - b. Plan for MPTWs on both sides of Dodd Boulevard in conjunction with any future Dakota County improvements of the roadway.
 - c. Provide for MPTWs along 185th Street between CSAH 50 and Cedar Avenue to provide pedestrian and bicycle access to King Park.
 - d. Provide for safe and user friendly street crossings at all major collector and arterial streets.

3. Opportunities for new greenway corridors that exist within District 2 include:
 - a. Extension of a greenway between County Road 50 and 175th Street utilizing existing City owned properties, existing utility easements and working with area property owners to acquire necessary easements or property.
 - b. Along the north edge of the City's wetland bank located at the northeast quadrant of Ipava Avenue and 185th Street, extending through the King farm property and eventually to the City's east boundary within Districts 7 and 3.





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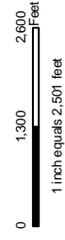
MAP 15: PLAN DISTRICT 2

- Park Classifications**
- Community Park
 - Community Play Field/Athletic Complex
 - Neighborhood Park
 - Mini-Parks/Neighborhood Play Lots
 - Conservation Areas
 - Special Use Area

- Park Search Areas**
- Conservation Area
 - Community Park
 - Community Play Field
 - Neighborhood Park
 - Mini-park

- School-Park Type**
- Jr.-Sr. Community Playfield
 - Elem. Neighborhood Park

- Existing Trails**
- Sidewalk
 - On-Street Bike Lines
 - Multi-Purpose Trailway
- Proposed Trails**
- Sidewalk
 - On-Street Bike Lanes
 - Multi-Purpose Trailway
 - Proposed Greenways
 - Regional Corridor Greenway



Source: City of Lakeville



May 2006



Park Planning District 3

District 3 is located in the northeast corner of Lakeville. Its boundaries include the City's municipal boundary on the north, south and east, with Cedar Avenue as its western boundary.

2020 Land Use Plan

District 3 is divided by the City's existing MUSA boundary. Expansion of the MUSA in 2005 to include 1,550 acres creates opportunities for new development. An additional 320 acres land will be made available for development in 2010. Low density residential neighborhoods is the predominant existing land use, however, the district does include areas of commercial, medium density residential, and manufactured housing uses.

The southern and eastern portion of District 3 falls within Lakeville's staged MUSA expansion areas. Most of District 3's vacant land will be brought in the MUSA by 2005 with the balance being scheduled for 2010. The 2020 Land Use Plan anticipates residential land uses will be the dominate form of new growth within District 3. The residential land use will include a variety of housing options and densities. Small areas of commercial land uses are proposed at the intersection of Cedar Avenue and Dodd Boulevard and the intersection of Dodd Boulevard and Pilot Knob Road. Through the implementation of the 2020 Land Use Plan, the District 3 population is anticipated to reach 16,105 at which time the District should be almost fully developed.

Existing Park Facilities

The service area map reveals that the developed portions of District 3 are well served by the existing park facilities. The following parks and schools serve District 3's outdoor recreational needs.

	Total Acres	Active Acres
NEIGHBORHOOD/MINI-PARKS:		
Bunker Hill	10.0	9.0
Cedar Highlands	8.9	1.0
Dodd Pointe	2.5	0.5
Dodd Trail	11.3	11.0
Fairfield	4.0	4.0
Greenridge	10.0	10.0
Independence	6.0	6.0
Parkview	11.0	8.0
Quail Meadows	10.0	9.0
Sleepy Hollow	4.0	4.0
Total Neighborhood/Mini-Parks:	77.7	62.5
COMMUNITY PARKS:		
East Lake	52.2	30.0
Valley Lake Park and Beach	42.0	10.0
Total Community Parks	94.2	40.0
GREENWAYS/CONSERVANCY AREAS:		
Lake Place	9.3	0.0

	Total Acres	Active Acres
Mallard Shores	1.0	0.0
North Creek	41.93	0.0
Quail Meadows	14.04	0.0
Total Greenways Conservancy Areas:	24.34	0.0
Total Parks:	238.17	102.5
SCHOOLS:		
North Trail Elementary	26.5	8.0-13.2
Park View Elementary	13.0	4.3-6.5
TOTAL PARK AND SCHOOL ACRES:	267.67	114.8-122.2

Comparison With City Standards

City standards suggest 2.5 to 3.5 acres of active neighborhood park land per 1,000 persons. With a projected 2020 population of 16,105, the existing park and recreation facilities in District 3 exceed the per capita standards. However, analysis of the park service areas and the physical barriers in District 3 indicate that the future growth areas are not completely served.

Recommendations

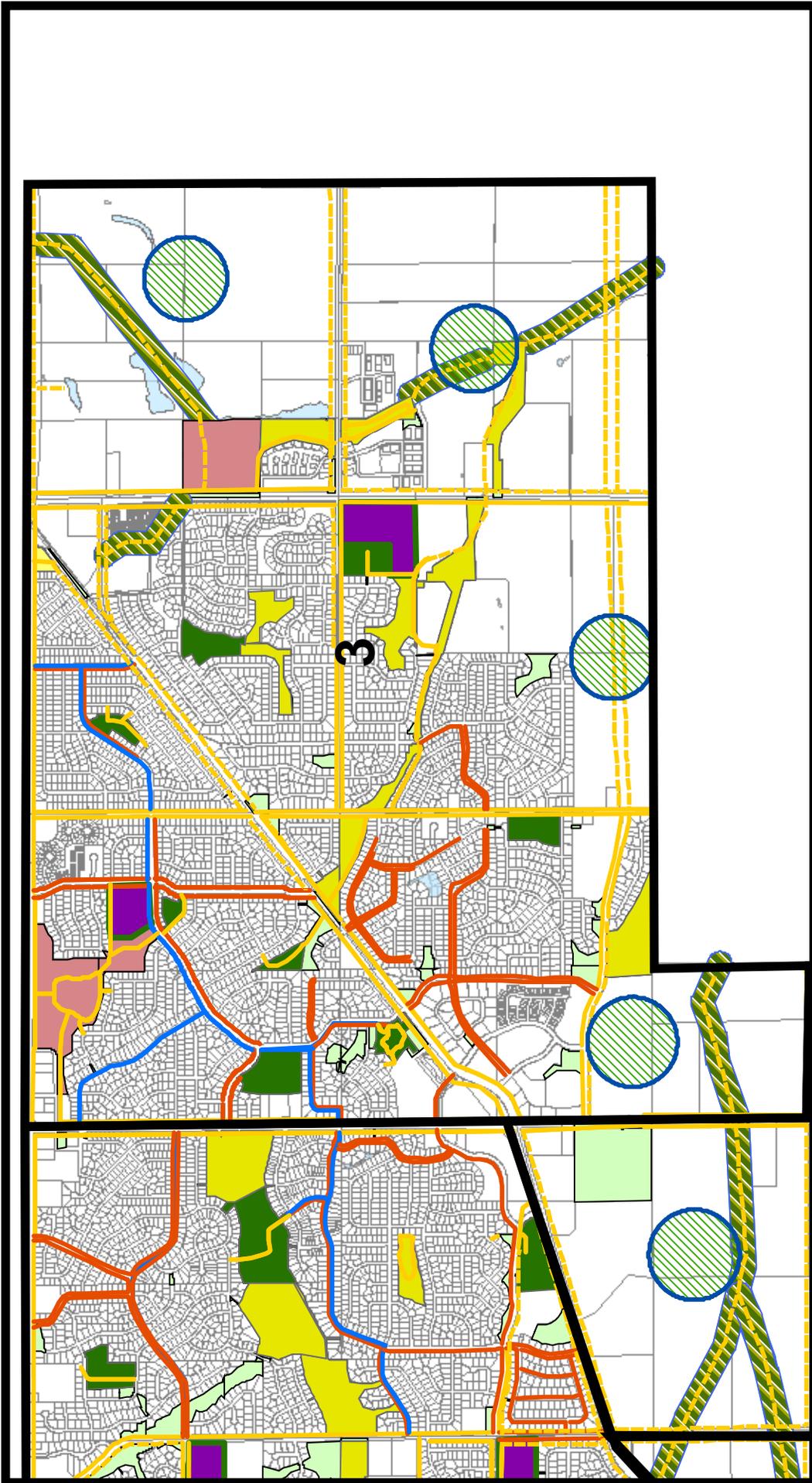
To address the park service needs in District 3, the following recommendations are offered.

1. The City has approved the 520 acre Spirit of Brandtjen Farms subdivision that includes significant areas for public parks, greenways and publicly accessible, privately maintained open space and facilities north of 170th Street and east of Pilot Knob Road. This project is anticipated to develop over a period from 2005 to 2015. The Spirit of Brandtjen Farm PUD Land Use Plan anticipated development of 46.8 acres of public park land and greenway corridors adjacent to East Community Park, East Lake and extending to County Road 46 with a trail connection to Apple Valley utilizing an existing box culvert under the roadway.
2. The City will pursue the development of East Community Park in District 3. The City has acquired land located at the northeast quadrant of Pilot Knob Road and 170th Street. This area is characterized by attractive environmental amenities as well as sufficient land area for both passive and active recreation facilities. The design of this community park is to encompass both active and passive recreation facilities that would make it attractive and convenient to future adjoining residential neighborhoods, while maintaining a community-wide attraction.

Pilot Knob Road is identified as a high density minor arterial and 170th Street is a major collector street in the City's Comprehensive Transportation Plan. These roadways present physical barriers that may restrict the immediate service area of the community park by pedestrians, although most visits are by motor vehicle. To overcome these physical barriers, it is important to establish MPTWs along both sides of 170th Street and emphasize pedestrian safety at the Pilot Knob Road/170th Street intersection.

3. In review of the park search areas against the roadway system and 2020 land use patterns, four neighborhood park search areas have been identified.
 - a. In the southwestern portion of District 3, east of Cedar Avenue, a park search area is recommended. This area is located outside Greenridge Park service area and is isolated from other park service areas by Cedar Avenue and Dodd Boulevard. This park should be located south of 179th Street adjacent to existing City owned parcels utilized for stormwater management purposes related to the adjacent Crossroads development. The 2020 Land Use Plan identifies low, medium, and medium to high density residential land uses for this portion of District 3, suggesting a significant increase in future population.
 - b. The second neighborhood park search area is located between Flagstaff Avenue and Pilot Knob Road, north of the future extension of 179th Street. This park will provide facilities for existing and future neighborhoods south of 170th Street and the existing greenway bisecting the section . The land use plan guides future development of low and medium density land uses for the undeveloped areas adjacent to the future 179th Street corridor. This park should provide for trail connections to 179th Street and the existing greenway.
 - c. The third neighborhood park search area is in the southeast quadrant of 170th Street and Pilot Knob Road. This search area is divided by MUSA staging areas. As such, this park search area may take a low priority. Future location of the neighborhood park should consider a close proximity to North Creek and a new major storm water holding pond as a means of integrating the active park with attractive natural features of the area.
 - d. The fourth neighborhood park search area is within the Spirit of Brandtjen Farm development. The location of the neighborhood park is identified on the Spirit of Brandtjen Farm PUD Land Use Plan and is anticipated to be dedicated to the City as part of a future phase of the subdivision after 2010.
4. Due to the numbers of higher functional classification streets that traverse District 3, the trail system will be a critical element of the district's recreational and transportation system. Trail emphasis should be given to the following corridors:
 - a. Continuation of MPTWs south along the east side of Cedar Avenue.
 - b. Future MPTWs along both sides of Pilot Knob Road south of 170th Street.

- c. Coordinate with Dakota County for the provision of MPTWs along Dodd Boulevard.
- d. With the future extension of 179th Street through the southern portion of District 3, MPTWs should be provided on both sides of the major collector streets.



City of Lakeville
2006 Parks, Trails & Open
Space Plan

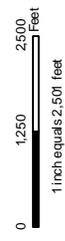
MAP 16: PLAN DISTRICT 3

- Park Classifications**
- Community Park
 - Community Play Field/Athletic Complex
 - Neighborhood Park
 - Mini-Parks/Neighborhood Play Lots
 - Conservation Areas
 - Special Use Area

- Park Search Areas**
- Conservation Area
 - Community Park
 - Community Play Field
 - Neighborhood Park
 - Mini-park

- School-Park Type**
- Jr.-Sr. Community Playfield
 - Elem. Neighborhood Park

- Existing Trails**
- Sidewalks
 - On-street Bike Lanes
 - Multi-purpose Trailway
- Proposed Trails**
- Sidewalk
 - On-Street
 - Multi-Purpose
 - Proposed Greenways



Source: City of Lakeville



May 2006

CLIENT



TRADITION Development

6800 France Ave. S., Suite 178
Eden Prairie, MN 55325

PROJECT



PREPARED BY

PARK & TRAIL SYSTEM

CERTIFICATION

I hereby certify that this plan was prepared by me or under my direct supervision and that I am a duly Licensed Professional Landscape Architect under the laws of the State of Minnesota.

Open: _____
Plan: _____
Date: _____

DESIGNED DRAWN

DATE

DESIGNED: 1/06/2015
CHECKED: _____
DRAWN: _____
TRANSMITTED: 1/05/2015

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REVISIONS

NO. DATE BY
1 06/2015 SECTION 7

SHEET OF SHEET

5.3

LANDSCAPE ARCHITECTURE
LAND PLANNING
RELATIONAL DESIGN
ARCHITECTURAL ILLUSTRATION
GRAPHIC DESIGN

PUTMAN PLANNING & DESIGN

100 West Street, Suite 100, Hudson, WI 54001
Phone: 715.542.1234 Fax: 715.542.1235
Email: info@putmanplanninganddesign.com

BRANDTJEN FARM Park, Openspace, Trail & Sidewalk System P.U.D. Overview



BRANDTJEN FARMS Park, Openspace, Sidewalk & Trail System Overview		
	PUBLIC PARKS Access: Public Maintenance: Public Ownership: Public	73.74 Acres
	PUBLIC TRAILS Access: Public Maintenance: Public Ownership: Public	7.28 Miles
	H.O.A. TRAILS Access: Public Maintenance: H.O.A. Ownership: H.O.A.	3.22 Miles
	SIDEWALKS/BOULEVARDS Access: Public Maintenance: H.O.A. Ownership: Public	22.01 Miles
	OPENSACE/TRAIL CORRIDOR (Publicly Accessible, Privately Maintained) Access: Public ^{2/3} Maintenance: H.O.A. Ownership: H.O.A.	13.44 Acres
	H.O.A. COMMON AREA Access: Public ^{2/3} /Private Maintenance: H.O.A. Ownership: H.O.A.	25.94 Acres
	FARMSTEAD REDEVELOPMENT AREA Access: Public ² Maintenance: Private Ownership: Private	4.44 Acres
WATER		
	EAST LAKE Access: Public Maintenance: Public Ownership: Public	45.21 Acres
	INFILTRATION (Created H.O.A. Water Features) Access: Public Maintenance: Utility; Public Ownership: H.O.A.	20.08 Acres
	N.U.R.P. Access: Public Maintenance: Utility; Public Ownership: Public/H.O.A.	17.78 Acres

* PERMITTED USES: BANKS, FUNERAL HOMES, INSTITUTIONAL, OFFICES, PRIVATE CLUBS, SCHOOLS, COMMERCIAL & RETAIL USES, DAYCARE, ELDERLY HOUSING, HOTELS, MEDICAL, MIXED USES, MULTIFAMILY, RELIGIOUS, RETRO, FACILITIES & NURSING HOMES, RESTAURANTS, VET. CLINICS

PUBLIC TRAILS
H.O.A. TRAILS
SIDEWALKS



Areas based on Phase I Plat, Example Site Plan for balance of P.U.D. areas, and existing East Lake Park area.



Park Planning District 4

District 4 is located in southwestern Lakeville. The District 4 boundaries are defined by the City's municipal boundaries on the west and south, I-35 on the east, and 185th Street on the north.

2020 Land Use Plan

With the exception of a small area near the I-35/County Road 70 interchange, District 4 lies outside the City's 2020 MUSA boundaries. The predominant land use is rural residential development. Staging extension of urban services to this area of the City may be considered as part of the City's 2008 Comprehensive Plan update. However, the current 2020 Land Use Plan envisions maintaining the rural residential character in most of District 4 through at least the next 15 years.

Limited MUSA expansion is proposed within District 4 between 205th Street and Ritter Farm Park. These staged growth areas will provide for future low, low to medium, medium, and high density residential land uses. Commercial land uses are also proposed along the interstate. While urban development will be limited, the suggested residential densities will provide for some significant population growth in District 4. Through the implementation of the 2020 Land Use Plan, District 4's population is anticipated to reach 1,458 by year 2020.

Existing Park Facilities

Ritter Farm Park is the only park facility located in District 4. This community park's unique natural environmental features offer passive recreation facilities which blend well with the rural residential character of the district.

	Total Acres	Active Acres
COMMUNITY PARKS:		
Ritter Farm Park	340.0	66.0

Comparison With City Standards

City standards suggest 2.5 to 3.5 acres of active neighborhood park per 1,000 people. There are currently no neighborhood park facilities developed within District 4. Ritter Farm Park is a special use facility that does not offer active recreation facilities needed to satisfy the neighborhood park needs of District 4. Based on a forecasted population of 1,450 by year 2020, District 4's neighborhood park needs should range from 3.6 to 5.0 acres.

Recommendations

In review of the park needs within District 4, the following recommendations are offered:

1. Expand utilization of Ritter Farm Park through improvements identified in Appendix A and the approved master plan to include the following uses:
 - Trails for several types of users.
 - Environmental learning center.
 - Reproduction farm setting.
 - Archery range.
 - Fishing, camping, large group picnics/outdoor events.
2. Investigate potential expansion of Ritter Farm Park south to include 20 acres around a significant wetland feature. Improve access to Ritter Farm Park City-wide through community trail systems. Specific trail corridors should include a MPTW trail loop that would connect Keokuk Avenue, 195th Street, Kenrick Avenue, and 205th Street. This trail loop would improve pedestrian and bicycle access to both Ritter Farm Park and Casperson Park.
3. As District 4 experiences some urban growth, a neighborhood park facility will be appropriate north of 205th Street. Lakeville's 2020 Land Use Plan envisions the existing gravel mine in this area be reclaimed and developed. The land uses for this area include commercial along the freeway, with a mixture of residential types and densities. A neighborhood park will be needed to serve this long range growth area and may be acquired through park dedication requirements during the subdivision process.
4. Consistent with the long term rural character of District 4, the City wishes to pursue a greenway connection between Ritter Farm Park and Soberg Waterfowl Production Area. This greenway would provide an attractive overland trail between two of the City's natural amenities. Establishment of greenway corridors should also be sought from Ritter Farm Park west to Judicial Road north to Murphy-Hanrehan Park Reserve and from Soberg Waterfowl Production Area east, across I-35 to connect with the South Creek greenway.



City of Lakeville 2006 Parks, Trails & Open Space Plan

MAP 18: PLAN DISTRICT 4

Park Classifications

- Community Park
- Community Play Field/Athletic Complex
- Neighborhood Park
- Mini-Parks/Neighborhood Play Lots
- Conservation Areas
- Special Use Area

School-Park Type

- Jr.-Sr. Community Playfield
- Elem. Neighborhood Park

Park Search Areas

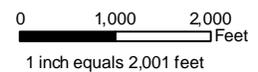
- Conservation Area
- Community Park
- Community Play Field
- Neighborhood Park
- Mini-park
- City Owned Parcels

Existing Trails

- Sidewalk
- On-Street Bike Lnes
- Multi-Purpose Trailway

Proposed Trails

- Sidewalk
- On-Street
- Multi-Purpose
- Proposed Greenways
- Regional Corridor Greenway



Source: City of Lakeville



May 2006

Park Planning District 5

District 5 surrounds Lake Marion and extends south to the City border. The district boundaries include I-35 on the west, 185th Street on the north, Highway 50 and Dodd Boulevard on the east, and the City's boundary on the south.

2020 Land Use Plan

Low density residential neighborhood surrounds Lake Marion on three sides and extends south between 205th and 210th Streets. The 2020 Land Use Plan encourages the expansion of these neighborhoods through infill development. At the periphery of the low density neighborhood, alternative residential land uses and densities are proposed. The higher density residential land uses provide a transition to the commercial, business campus, and industrial land uses proposed along the major roadways. Through anticipated land use development the population of District 5 will reach 10,173 by year 2020.

Existing Facilities

Within the developed areas of District 5, the City has established a significant system of both community and neighborhood parks as well as trailway connections between the parks. The following parks and schools provide recreation facilities within District 5.

	Total Acres	Active Acres
NEIGHBORHOOD/MINI-PARKS:		
Bassett Park	.75	.5
Chadwick	8.7	8.7
Kensington	10.0	8.0
Lakeridge	12.0	5.5
Marion Fields	5.0	2.5
Meadows	17.0	6.0
Stone Borough	6.18	4.3
Total Neighborhood Parks:	68.33	44.2
COMMUNITY PARKS:		
Antlers Park and Beach	12.0	10.0
Casperson	40.0	9.0
West Lake Marion	39.3	0
Total Community Parks:	91.3	19.0
SPECIAL USE PARKS:		
Lake Marion Fishing Bridge	.25	0
Juno Trail Head	1.0	0
Total Special Use Parks:	1.25	0
GREENWAYS/CONSERVANCY AREAS:		
Meadows	10.0	0
South Creek	68.7	0
Wild Meadows	17.1	1.0
Total Greenways/Conservancy Areas:	95.8	1.0

	Total Acres	Active Acres
Total Parks:	256.68	64.2
SCHOOLS:		
Lakeview Elementary	23.6	7.8-11.8
Kenwood Trail Middle	84.0	42.0-55.0
Lakeville South High	108.1	54.0-71.3
Total Schools:	115.7	103.8-138.1
TOTAL DISTRICT 5 RECREATION AREAS:	372.38	168.0-202.3

Comparison With City Standards

City standards recommend between 2.5 and 3.5 acres of active neighborhood park land per 1,000 people. By year 2020, District 5's population is anticipated to reach 10,173. Based on the City's neighborhood park standards, District 5 will need between 23.9 and 33.5 acres of active park land. The current combination of park and school facilities provide active recreation areas well in excess of the per capita standard. Furthermore, examination of the park service area suggests no needs for additional neighborhood parks in District 5.

Recommendations

The following recommendations are offered to address the future park and trail needs in District 5.

1. The parcel of land separating Casperson Park from West Lake Marion Park continues to be a desirable high-priority acquisition in order to complete a contiguous ownership pattern along West Lake Marion. Strong consideration will also be given to the acquisition of all the remaining Lake Marion lakeshore between Casperson Park and the southern boundary of the Great Oak Shores subdivision. This would include the acquisition of the parcel immediately north of Casperson Park and the parcel directly north of the Lake Marion Fishing Pier, including the island. This acquisition will provide a single community park along the entire western edge of Lake Marion.
2. Antlers Park will be expanded to the east in conjunction with the development of the adjoining properties.
3. The South Creek greenway is shown to extend west of the Lakeville South High School site and south of CSAH 70 to I-35 to provide a future connection to Soberg WPA.
4. A community playfield search area is located adjacent to the southwest corner of the Lakeville South High School Campus. In order to provide more convenient access to the athletic fields for recreation program users, the City will seek to develop off-street parking facilities in this area either through acquisition of property through dedication or purchase. Consideration for cooperative cross

parking rights should also be considered with future development of the property adjacent to the west line of the Lakeville South High School site.

5. Within District 5, the following trail improvements will be considered:
 - a. MPTWs will be provided along the major roadways including: Kenrick Avenue, Dodd Boulevard, County Road 70, 205th Street, and 210th Street.
 - b. Extend MPTWs along both sides of Ipava Avenue between CSAH 50 and 205th Street.
 - c. MPTWs will be extended between West Lake Marion Park and Casperson Park, as well as north of Casperson Park along the west shoreline of Lake Marion to the Lake Marion Fishing Pier and islands. MPTWs corridors will also be sought on the northeast and east sides of Lake Marion to complete a trail route around the full perimeter of the lake.





Park Planning District 6

District 6 is located in the center of the City. The district boundaries include CSAH 50 on the west and south, 185th Street and Dodd Boulevard on the north, with Highview and Holyoke Avenues on the east.

2020 Land Use Plan

Significant development of District 6 has occurred since the Parks, Trails and Open Space Plan was last updated in 1999. The predominant land use in the district is single family and medium density residential uses south of 185th Street, east of CSAH 50 and west of Ipava Avenue, which is based on the Central District Area Plan. Lakeville North High School, Heritage Commons, a commercial center located at the corner of Dodd Boulevard and CSAH 50 and the Lakeville City Hall and Dakota County Heritage Library are located in the southern portion of the District.

The 2020 Land Use Plan recognizes the natural features within District 6 and proposes establishment of a significant greenway as part of the Central District Area Plan to protect the natural areas, delineating land use boundaries, and providing a trail that will connect the various neighborhoods and downtown Lakeville. The 2020 Land Use Plan recommends the continued development of Heritage Commons with medium density residential land uses at its periphery. Low and low to medium density residential land uses are proposed through the balance of the district. Land use development is consistent with the Land Use Plan and will increase the population to an estimated 6,246 by 2020.

Existing Park and School Facilities

District 6 has no neighborhood parks. The Greenway mini-park, King community playfield, Ames hockey arena, and three schools are located within the district to provide active recreation areas.

	Total Acres	Active Acres
NEIGHBORHOOD PARKS/MINI-PARKS:		
The Greenway	29.7	4.0
COMMUNITY PLAYFIELDS:		
King	50.0	45.0
GREENWAYS/CONSERVANCY AREAS:		
Dodd Marsh	27.4	2.0
Shady Oak Grove	1.4	0
Spring Hill	3.1	0
Total Greenways/Conservancy Areas:	31.9	2.0
Total Parks:	111.6	51.0
SCHOOLS:		
Lake Marion Elementary	19.3	6.4-9.6
Century Middle	41.0	20.0-27.0
Lakeville North High	75.3	37.7-50.0
Total Schools:	135.6	64.1-86.6

SPECIAL USE:		
	Total Acres	Active Acres
Lakeville Ames Arena	3.7	3.7
TOTAL DISTRICT 6 RECREATION AREAS:	250.09	118.8-141.3

Comparison With City Standards

City standards suggests between 2.5 to 3.5 acres of active neighborhood parks per 1,000 people. Over the next 15 years, District 6 will continue to experience significant changes in land use and population. Through future land use development, the 2020 population will increase to approximately 6,246. Based on City park standards, the 2020 population will create a demand for between 15.6 and 21.8 acres of active neighborhood parks. While the district has significant recreational land use facilities, they are not designed as neighborhood recreation facilities. Lake Marion Elementary provides the only playground equipment within District 6.

In response to the District 6 neighborhood park needs, two mini parks/greenway linear search areas have been identified. These search areas are intended to identify locations of active recreation areas that will be integrated with the greenway corridor proposed throughout the district. A future neighborhood park south of 185th Street and east of Dodd Boulevard is also planned as part of this system for areas that will not develop until after 2010. The combination of the neighborhood parks, mini parks, greenway linear parks, school district facilities and greenway conservancy areas will establish a unique park system in District 6 blending both passive and active park opportunities with greenway trail corridors.

Recommendations

The following recommendations are offered to address the park needs in District 6:

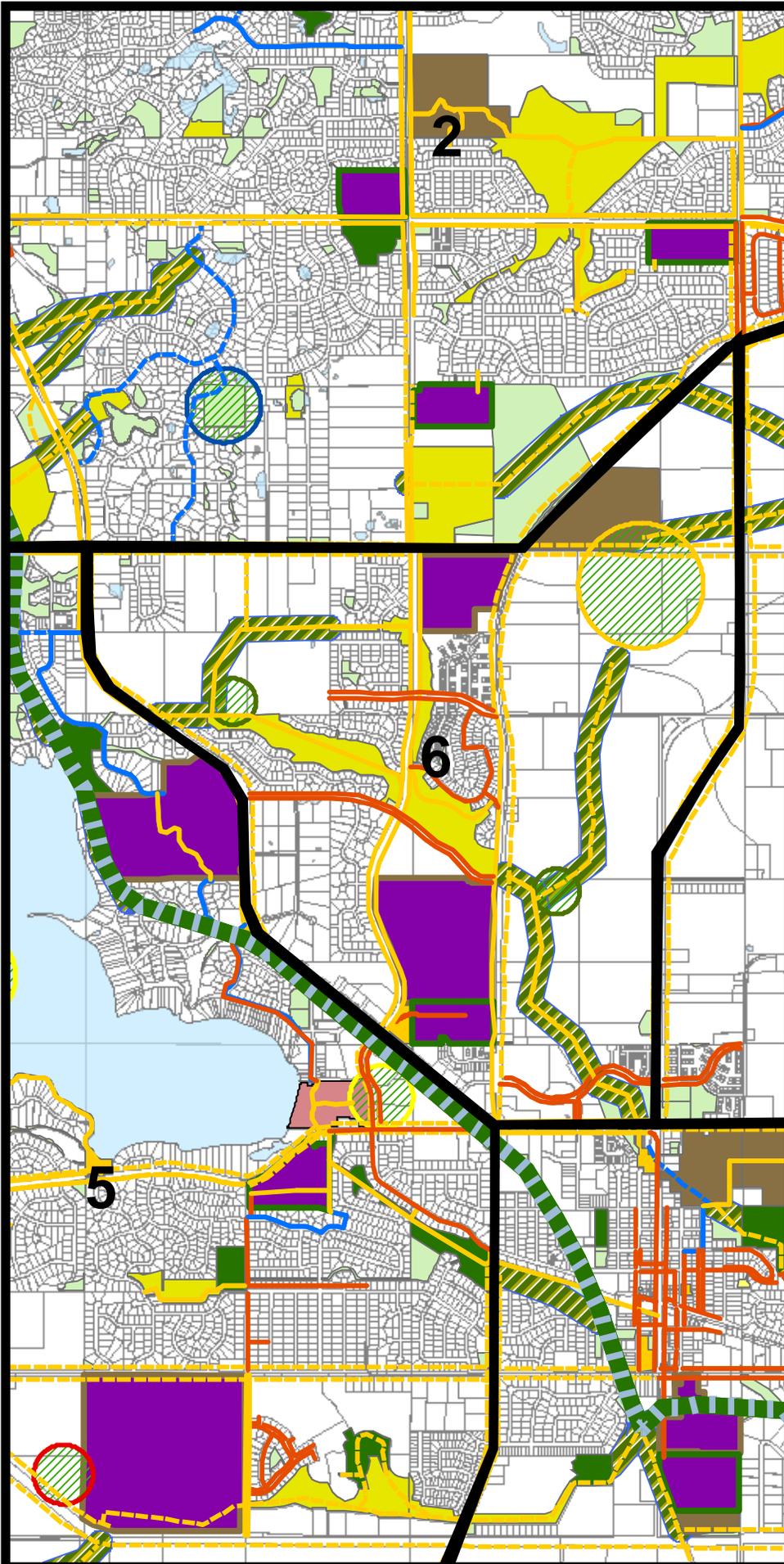
1. The creation of greenways through District 6 shall include both environmentally sensitive features as well as upland areas that will provide for trail construction and active linear or mini parks. Two mini-park and one neighborhood park search areas are recommended to provide a balanced distribution of active park facilities throughout District 6. The greenways and linear parks are intended to be a major land use design component of the Heritage Commons area. The greenway corridor will provide protection to environmental resources, and an attractive railway that will connect Heritage Commons with nearby residential neighborhoods.
2. Within District 6, the following trail improvements will be considered:
 - a. Highview Avenue and Holyoke Avenue are planned as parkway streets by the Transportation Plan. Significant MPTWs are to be provided along both sides of parkway streets.
 - b. Plan for MPTWs on both sides of Dodd Boulevard in conjunction with any Dakota County improvements of the roadway.

- c. Provide for MPTWs along 185th Street between CSAH 50 and Cedar Avenue.
 - d. Provide MPTWs along both sides of 192nd Street.
 - e. Establish overland trails through greenways in District 6.
3. King Park is currently located outside the City's existing MUSA and the area is not expected to be extended utilities until after 2010. This MUSA status provides the City with the opportunity to consider expansion options for King Park to the east prior to experiencing development pressures. Expansion of the MUSA will provide an opportunity for installation of sewer and water utilities at King Park to support a multipurpose building for development of an active recreation/athletic center. Provisions must be made as surrounding parcels develop to accommodate King Park infrastructure needs when available. Prior to expansion of the MUSA to include the areas surrounding King Park, the City should explore acquisition of additional land to the east of the existing property.
4. A high priority within District 6 is preservation of significant uplands, including some of the last remaining untouched wooded and natural areas in Lakeville. A specific area targeted for conservation is the forest south of 185th Street and east of Dodd Boulevard. This and other areas are to be preserved through park dedication, tree preservation requirements during subdivision, donation and/or purchase.



City of Lakeville 2006 Parks, Trails & Open Space Plan

MAP 20: PLAN DISTRICT 6



Park Classifications

- Community Park
- Community Play Field/Athletic Complex
- Neighborhood Park
- Mini-Parks/Neighborhood Play Lots
- Conservation Areas
- Special Use Area
- Regional Corridor Greenway

School-Park Type

- Jr.-Sr. Community Playfield
- Elem. Neighborhood Park

Park Search Areas

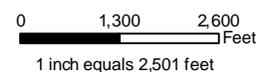
- Conservation Area
- Community Park
- Community Play Field
- Neighborhood Park
- Mini-park
- City Owned Parcels

Existing Trails

- Sidewalk
- On-Street Bike Lnes
- Multi-Purpose Trailway

Proposed Trails

- Sidewalk
- On-Street
- Multi-Purpose
- Proposed Greenways



Source: City of Lakeville

Park Planning District 7

District 7 is located in the east central portion of Lakeville. The District 7 boundaries include Highview and Holyoke Avenues on the west, Dodd Boulevard on the north, Cedar Avenue and the City's eastern boundary on the east, and 200th and 202nd Streets on the south.

2020 Land Use Plan

Most of District 7 lies outside the City's current MUSA and MUSA Expansion Area boundaries and is undeveloped. MUSA will be extended across the northern portion of District 7 in 2005 and a second MUSA expansion in both west and south areas of the district is anticipated in 2010. The balance of District 7 will remain within the urban reserve until some time after 2020, which will be considered as part of the City's 2008 Comprehensive Plan update.

The 2020 Land Use Plan proposes a variety of residential land use types and densities within the MUSA expansion areas. Rural land use will remain predominant in the urban reserve areas. The introduction of urban development in District 7 will significantly increase the population to 6,420 by year 2020. The new land use and population will result in the need for new neighborhood parks in District 7.

Existing Park Facilities

Currently District 7 does not contain any City parks. Cherryview, Aronson, and King Parks are located near the boundaries of District 7. These facilities are separated from District 7 by significant roadways that will limit access to these existing facilities.

Comparison With City Standards

City standards suggest 2.5 to 3.5 acres of active neighborhood park land per 1,000 people. Based on anticipated population growth in District 7, between 16 and 25 acres of new active neighborhood parks should be established.

Recommendations

The following recommendations are offered to address the park and trail needs in District 7:

1. Neighborhood park search areas are proposed in both the north and south portions of District 7. The park locations should be centralized within the new development areas to maximize the service areas. The north search area should also be located adjacent to the planned greenway corridor that follows the creek from the City's wetland bank at Ipava Avenue and 185th Street east to the City's east boundary.
2. A community playfield search area has been identified in the District 7 urban reserve area. As league play expands, the need for additional playfields will create the need for a new community playfield site. Acquisition of land outside the MUSA should reduce the purchase costs and allow for facility development prior to urban growth in the area. Through this strategy, the community playfield

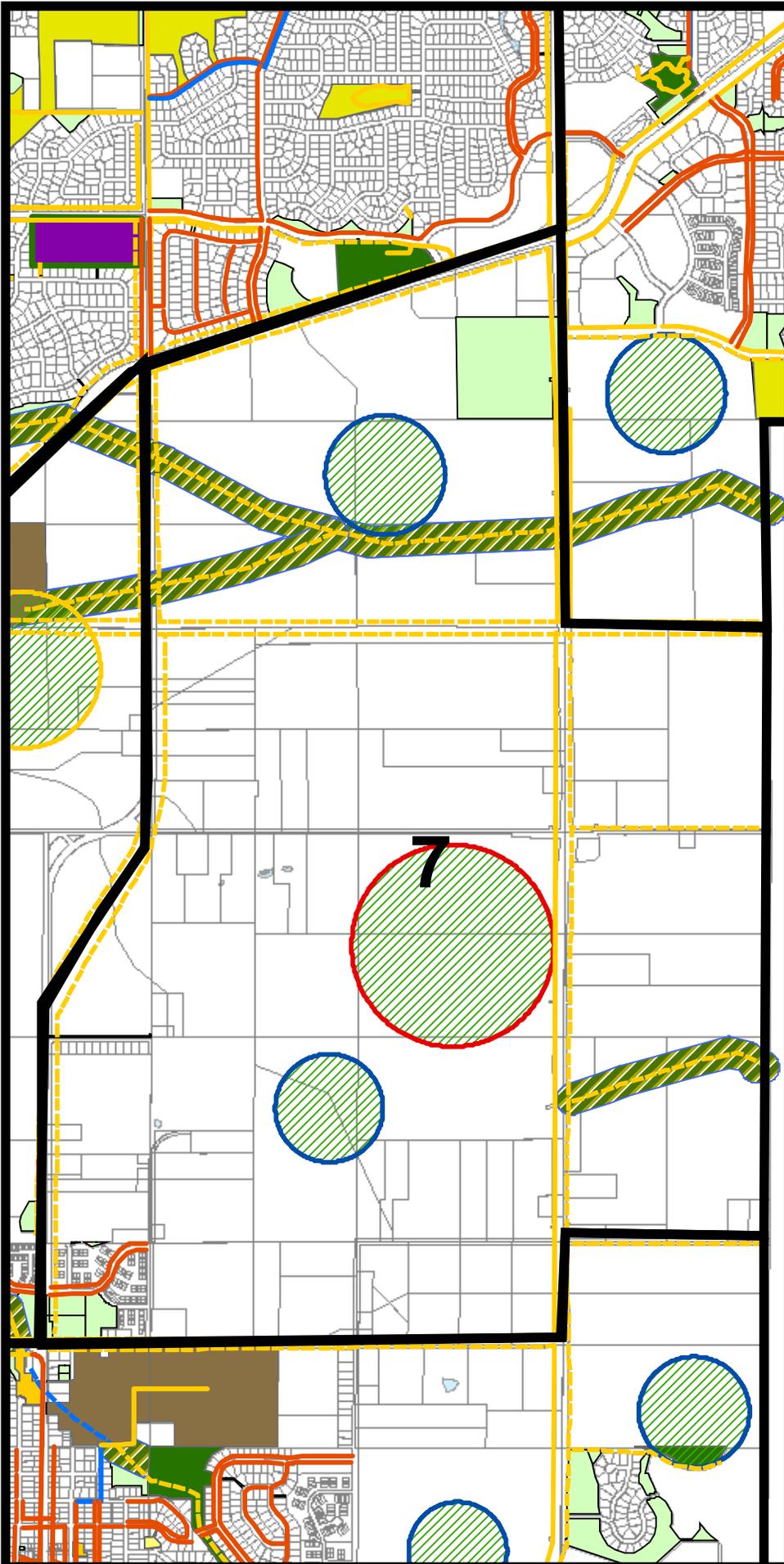
can be compatibly blended with future urban development. The City should maintain contact with school district officials regarding the potential need for additional school facilities in this area of the City and the opportunity for joint development efforts.

3. Within District 7, the following trail improvements will be considered:
 - a. MPTWs along both sides of Cedar Avenue will provide trail corridors through District 7 that may be circuited back into the more fully developed portions of the City via both existing and future streets.
 - b. Highview and Holyoke have been identified in the Comprehensive Transportation Plan as a parkway corridor. Trail components will be an integral part of the parkway design.
 - c. Future east-west streets will include 185th Street, 195th Street, and 202nd Street. Trails will be included in the designs of the major streets.
4. Two tributaries flow through District 7. These tributaries, while not specifically named, are protected by the City's shoreland regulations. A third tributary extends from Cedar Avenue east to the City of Farmington and is identified as a future corridor by the Farmington Park and Trail Plan. These tributaries provide opportunity areas for future greenways within District 7.



City of Lakeville
2006 Parks, Trails & Open
Space Plan

MAP 21: PLAN DISTRICT 7



Park Classifications

- Community Park
- Community Play Field/Athletic Comple
- Neighborhood Park
- Mini-Parks/Neighborhood Play Lots
- Conservation Areas
- Special Use Area
- RegionalCorridorGreenway

School-Park Type

- Jr.-Sr. Community Playfield
- Elem. Neighborhood Park

Park Search Areas

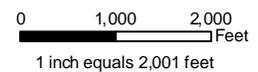
- Conservation Area
- Community Park
- Community Play Field
- Neighborhood Park
- Mini-park
- City Owned Parcels

Exiting Trails

- Sidewalk
- On-Street Bike Lnes
- Multi-Purpose Trailway

Proposed Trails

- Sidewalk
- On-Street
- Multi-Purpose
- Greenways



Source: City of Lakeville



May 2006



Park Planning District 8

District 8 is located in southeast Lakeville defined by Dodd Boulevard on the west, 200th and 202nd Streets on the north, and the City boundaries on the south and east.

2020 Land Use Plan

District 8 includes the Lakeville Central Business District and surrounding residential neighborhoods, Airlake Industrial Park, and Ardmour Village manufactured housing community. Most of the land is within the City's existing MUSA. The land lying outside the MUSA within the northern portion of the District is anticipated to be included by year 2010. The 2020 Land Use Plan anticipates a full range of land uses within District 8. New residential land uses are expected in both the southwest and eastern portions of the district. The Land Use Plan emphasizes a broad range of residential densities including low density, low to medium, medium, and medium to high density residential housing types. Implementation of the 2020 Land Use Plan will change District 8's result in a 2020 population of 7,304. The proposed land use and population changes will create additional need for neighborhood parks.

Existing Park and School Facilities

The following park and school facilities serve District 8:

	Total Acres	Active Acres
NEIGHBORHOOD/MINI-PARKS:		
Jaycee Park	3.5	3.0
Spyglass	4.2	4.2
Stoneborough	6.18	4.3
Terrace Park	1.0	.5
Village Creek	23.0	10.0
Total Neighborhood/Mini Parks:	37.88	22.0
SPECIAL USE PARKS:		
Lakeville Area Arts Center	4.7	1.0
James Jensen Park	3.5	3.0
Lakeville Senior Center	0.57	0.57
Pioneer Plaza	.5	.25
Total Special Use Parks:	9.27	4.77
COMMUNITY PLAYFIELDS:		
Aronson	70.0	55.0
McGuire Soccer Park	8.0	6.0
Quigley Sime	27.0	15.0
Total Community Playfields:	105.0	76.0
Total Parks:	152.15	102.82
SCHOOLS:		
John F. Kennedy Elementary	25.0	8.2-12.5
McGuire Middle	23.9	12.0-15.8
Total Schools:	48.9	20.2-28.3
TOTAL DISTRICT 8 RECREATION AREAS:	200.35	123.02-131.12

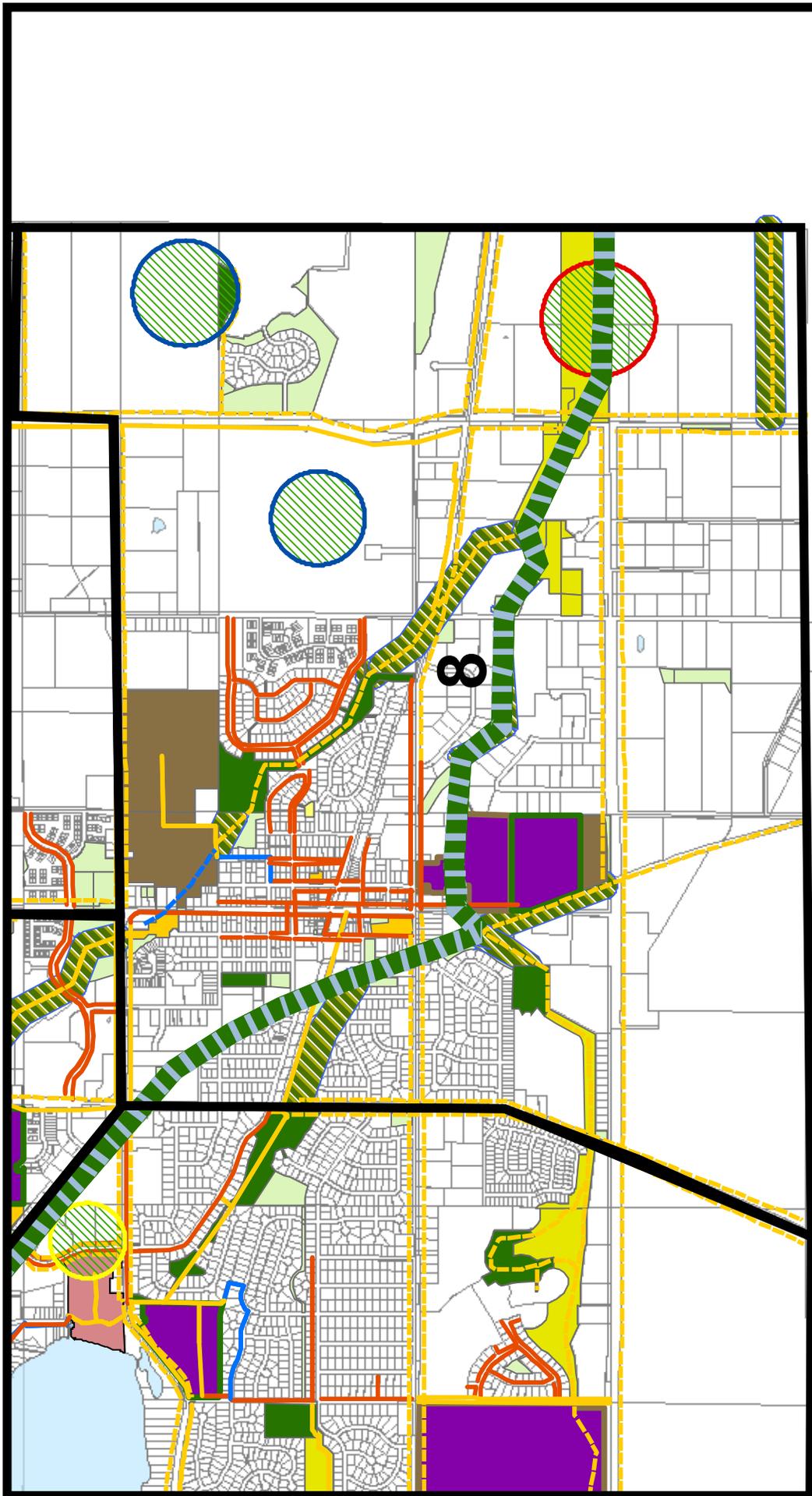
Comparison With City Standards

The City standards suggest that the City provide 2.5 to 3.5 acres of active neighborhood park land per 1,000 people. The 2020 population suggests a future need of between 18.2 and 25.6 acres of active park land. While the combination of City park and schools exceed forecasted need, the existing facilities are primarily playfields which do not include recreational facilities found in neighborhood parks serving smaller, more intimate neighborhood environments. Stoneborough Park has been acquired and Village Creek Park has been acquired and developed to address neighborhood park needs in areas of District 8 currently developing.

Recommendations

To address the park and trail needs of District 8, the following recommendations are offered:

1. The City will explore the opportunity of creating a community playfield in conjunction with City-owned land along South Creek, south of Highway 50 and east of Cedar Avenue. Any park planning in this area of the City should implement strategies for preserving South Creek as a trout stream.
2. Two neighborhood park search areas are identified in District 8:
 - a. The first park search area is located between Hamburg and Cedar Avenues. This area represents future residential areas supporting low to medium and medium to high residential densities.
 - b. The second park search area is located east of Cedar Avenue. This area of the City is proposed for medium density residential land uses. The Cedar Avenue corridor presents a physical barrier that may inhibit residents from using parks located west of Cedar Avenue. An initial parcel of land for this park has been acquired by the City through dedication as part of the Spyglass subdivision. Additional land will be acquired to assemble with the Spyglass parcel when the land north of Spyglass is subdivided.
3. The following trail improvements will be considered in District 8:
 - a. Extension of MPTWs along Cedar Avenue.
 - b. MPTWs along 202nd Street, 205th Street and 210th Street
 - c. The provision of MPTWs along Dodd Boulevard and County Road 70 when Dakota County upgrades these County highways.
4. The City has established portions of the South Creek greenway. With infill development, the City will preserve the balance of the corridor. A critical issue is connection of the South Creek greenway from Stone Borough Park east to Holyoke Avenue to provide a connection from areas west along the corridor (including Lakeville South High School) to the Lakeville CBD.



City of Lakeville
2006 Parks, Trails & Open
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Source: City of Lakeville

- Park Classifications**
- Community Park
 - Community Play Field/Athletic Complex
 - Neighborhood Park
 - Mini-Parks/Neighborhood Play Lots
 - Conservation Areas
 - Special Use Area

Park Search Areas

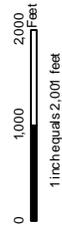
- Conservation Area
 - Community Park
 - Community Play Field
 - Neighborhood Park
 - Mini-park
- School-Park Type**
- Jr.-Sr. Community Playfield
 - Elem. Neighborhood Park

Existing Trails

- Sidewalks
- On-street Bike Lanes
- Multi-purpose Trailway

Proposed Trails

- Sidewalk
- On-Street Bike Lanes
- Multi-Purpose Trailway
- Proposed Greenways
- Regional Corridor Greenway



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MAP 22: PLAN DISTRICT 8

Greenways

The Comprehensive Plan encourages the creation of greenways as means of protecting the community's natural resources and preserving open space. Greenways are intended to be a combination of linear parks and conservancy areas. The greenways will accomplish the following functions:

1. Preserve areas of contiguous open spaces as a means of maintaining the City's natural features, defining urban land use patterns and neighborhoods, and connecting community parks with protected natural open spaces.
2. The greenways preserve the ecological functions of the City's environmentally sensitive areas, including but not limited to wetlands, waterways, lakes, wood stands, etc. The establishment of greenway buffers along the City's tributaries serves to promote water quality within the streams through storm water filtering and infiltration. Urban land uses are allowed at the periphery of the greenways with subdivisions and site design that preserve the vistas into the greenways. Infrastructure planning (i.e., street and utilities) is designed so as to have the least disruption possible of the greenway.
3. The greenways provide a diversity of natural features and habitat. The greenways provide for wildlife habitat and to facilitate wildlife movement through areas dominated by human activities. In this respect, the greenways have been configured to include both low lands and upland areas.
4. The greenways are intended to provide recreational trail opportunities to Lakeville residents. This allows all community residents the opportunity to enjoy the natural amenities of Lakeville. The City will pursue additional greenway corridors in conjunction with new development requests along the balance of the City's tributaries.
5. Where compatible and appropriate, the City will attempt to provide snowmobile trail corridors within future greenways providing user connections between the City's urban and rural areas. Snowmobile compatibility will be evaluated on the basis of environmental impacts as well as land use nuisance concerns to determine if a corridor will be appropriate within a given greenway.

The park classifications outline the following service characteristics for greenways:

Service Area: Community-Wide

Per Capita Standard: Not Applicable

Desirable Size in Acres: Variable. Greenway size will be determined based on the area needed to properly protect existing environmental features as well as provide for linear parks and trails. Minimum corridor width desired is 100 feet.

A 2005 community survey reveals strong support for the City's preservation efforts related to remaining natural resources. The survey reveals that 75 percent of the people surveyed felt that the City's emphasis on environmental issues is "about right". Support for both additional park lands and resource development is based on two factors: 1) opposition to further growth; and 2) preservation of current open space in the City.

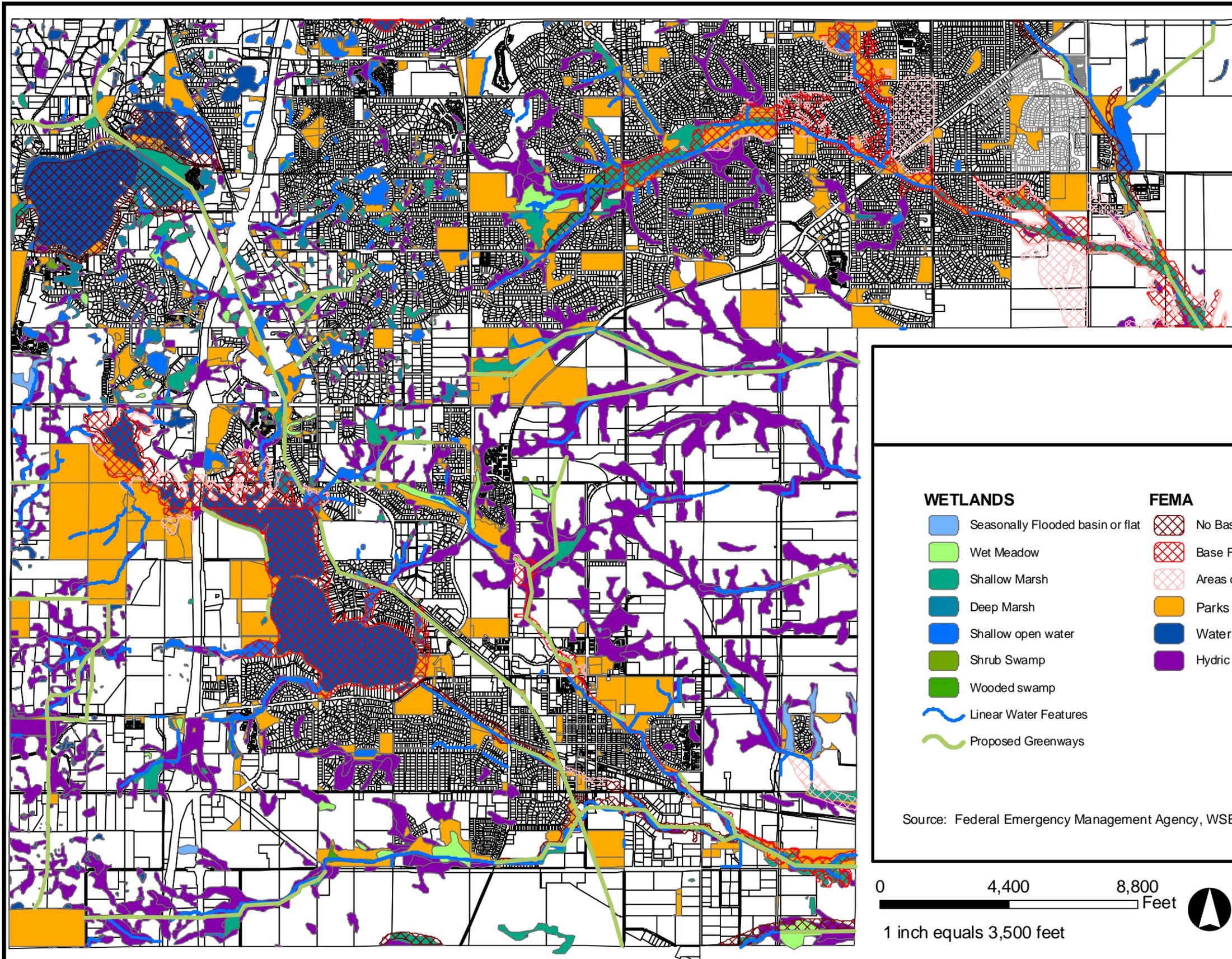
Building on past efforts, the following greenway map identifies opportunity areas where greenways may be located. The proposed greenway follows corridors characterized by tributaries, drainageways, wetlands, floodplains, hydric soils and wooded areas. The linear design is intended to integrate greenways with the balance of the park and trail system as well as the 2020 Land Use Plan. Implementation of greenway planning will focus on the purpose of the greenways, but also to existing property ownership patterns and adjoining land uses. The following strategies have been outlined for the implementation of the greenway planning:

1. The following map illustrates the general locations and configurations of community greenways. The corridors will be further defined in conjunction with adjoining land development. The size and configuration of the greenways will be reflective of the stated greenway functions. The greenway corridor will provide both environmental protection and recreational enjoyment. In this respect, the greenway must include both environmentally sensitive areas and buildable upland areas.
2. The City will utilize a variety of methods for preserving greenways including: protection through enforcement of development regulations, platting wetlands as outlots, acquisition of greenways through developer dedication or donation, and tax forfeiture procedures. The City may utilize park land dedication for acquisition of buildable upland portions of the greenway.
3. The City will seek grants and aids available through the region and state for the acquisition and creation of greenway amenities.
4. Trailway design may vary within greenways to reflect the natural setting, potential environmental impacts on the greenway, and user characteristics.
5. For continued community education, the City will create a community-wide awareness of the value and importance of the proposed greenways. Land stewardship programs and citizen volunteerism will be promoted to encourage residents to participate in the creation, restoration and maintenance of greenways.



**City of Lakeville
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**MAP 23:
GREENWAY
OPPORTUNITY AREAS**



WETLANDS

- Seasonally Flooded basin or flat
- Wet Meadow
- Shallow Marsh
- Deep Marsh
- Shallow open water
- Shrub Swamp
- Wooded swamp
- Linear Water Features
- Proposed Greenways

FEMA

- No Base Flood Elevation Determined
- Base Flood Elevation Determined
- Areas of 500-year flood
- Parks
- Water
- Hydric Soils

Source: Federal Emergency Management Agency, WSB, City of Lakeville



1 inch equals 3,500 feet



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Special Use Facilities

The park classifications and policies identify special use facilities as containing single use functions, unusual facility requirements, or distinct natural characteristic requirements. The following service characteristics are described for special use parks.

Service Area: Community-Wide

Per Capita Standard: Variable

Desirable Size in Acres: Varies by function and facility type.

Since the last Park, Trail and Open Space plan update in 1999, the City has developed special use facilities including the Lakeville Area Arts Center and Lakeville Senior Center, in addition to on-going improvements and maintenance of existing facilities. In looking to the future, the following special use facilities have been identified for the City:

1. A larger and improved environmental interpretive center is proposed within the Ritter Farm Park Master Plan. Future recommendations include a 10,000 square foot interpretive center and all associated amenities that are typically part of nature study programs.
2. The 2005 community survey indicates continued support by residents for a community center being developed through public/private partnership. A community center would include indoor recreation and meeting rooms. Supporters of the community center emphasizes that the facility must be first class in design and quality construction.
3. Discussion with the athletic associations revealed a desire for a field house to accommodate indoor practices and instructional seminars for the various sports in the off seasons.
4. Trout have been inventoried in South Creek, east of Cedar Avenue. The City will pursue monitoring, management and protection of South Creek as a trout stream resource. Consistent with this goal, the City supports the following efforts:
 - a. Consistent with current shoreland management regulations, the City will promote Best Management Practices (BMPs) on new development within the tributary watershed including infiltration ponds, buffer strips, plantings along stream beds, and ponds adjacent to the stream.
 - b. Encourage the identification and evaluation of additional BMPs.
 - c. Continue to monitor South Creek for long term effects of development and BMP effectiveness.
 - d. Enlist the assistance of the DNR and Trout Unlimited in monitoring of the stream and installation of BMPs for protection of the stream.

- e. Pursue other partnerships and cooperation with other communities in the watershed in efforts to protect trout stream resources.
 - f. Keep affected parties, including landowners, informed of the issues.
5. Changing demographics due to the maturation of the City population will impact recreational planning in the future. Projections by the State Demographer suggest that growth in the state's elderly population and the middle aging of the baby boom generation will push Minnesota median age from 32.5 in 1990 to age 40 in 2020. The number of persons age 45 and older is forecasted to increase 70 percent during this period. These characteristics will influence Lakeville's future park planning requiring attention to elderly citizens needs. New facilities such as the community center, arts center, and future trail facilities must be designed to address the City's changing recreational needs.

Vision of the Parks, Trails and Open Space System

The vision for Lakeville's Parks, Trails and Open Space Plan began with the first parks and open space study in 1970. Through the City's foresight, dedication to planning and commitment to park land development and environmental protection, the City has been successful in establishing a superior municipal park and trail system. A 2005 community survey identifies that over 90 percent of those surveyed believe the elements of the park system to be "excellent" or "good".

The following map provides a vision of the City's 2020 park, trails and open space plan. This graphic plan, in conjunction with the policy plan, system recommendations, and the individual park recommendations to be developed as an appendix of the Parks, Trails and Open Space Plan are intended to establish the framework for decision-making on future system improvements. The following table provides estimates of future park land needed to implement the long range park system. These acreage estimates below correspond to the acreage figures included with search areas identified on the planning district maps in previous sections of this Chapter.

District	CP	CPF	NP	M	Total
1	--	--	--	--	0
2	--	--	1	--	1
3	--	--	3	--	4
4	1	--	2	--	3
5	3	1	--	--	4
6	--	--	--	2	3
7	--	1	2	--	3
8	--	1	2	--	3
Total Search Areas	4	3	10	2	21
Estimated Required Park Acreage	141 ac.	90 ac.	88 ac. to 220 ac.	2 ac. to 10 ac.	3,379 ac. to 501 ac.

Community Parks

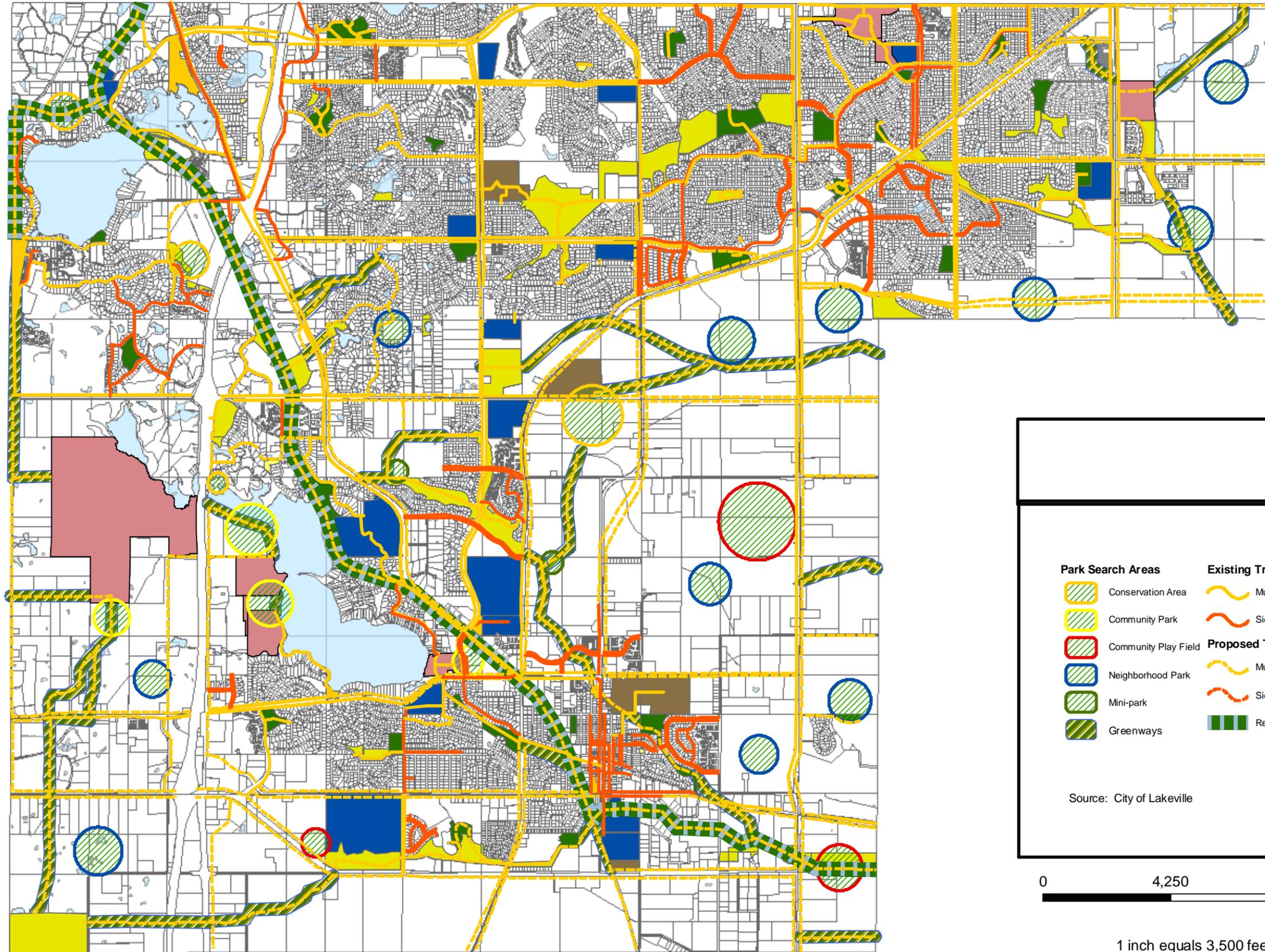
The community park search areas include a new community park expansion of existing community parks as follows: Ritter Farm (20 acres); Casperson/West Lake Marion (45 acres); Antlers Park (6 acres). The total future land area for community parks is estimated to be approximately 141+ acres.

Community Playfields

The park plan illustrates three search areas for community playfields. The creation of new playfields would be pursued only if existing facilities could not be expanded to accommodate future demands. The community playfields include the following land area estimates: New South Creek facility (30 acres) and new facility in east/central Lakeville (60 acres).



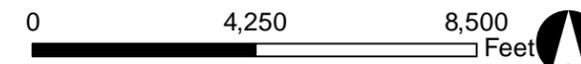
**City of Lakeville
2006 Parks, Trails & Open
Space Plan**



**MAP 24:
2030 SYSTEM PLAN**

- | | | |
|--------------------------|----------------------------|---------------------------------------|
| Park Search Areas | Existing Trails | Park Classifications |
| Conservation Area | Multi-Purpose | Community Park |
| Community Park | Sidewalk | Community Play Field/Athletic Complex |
| Community Play Field | Proposed Trails | Neighborhood Park |
| Neighborhood Park | Multi-Purpose | Mini-Parks/Neighborhood Play Lots |
| Mini-park | Sidewalk | Conservation Areas |
| Greenways | Regional Corridor Greenway | Special Use Area |
| | | Schools |

Source: City of Lakeville



1 inch equals 3,500 feet



May 2006

Community playfields address the needs of organized sports leagues within the City. The amount of future community playfields will closely depend on the growth within the City's organized league play. Two elements that may reduce Lakeville's future community playfield needs include:

1. Lakeville School District may require additional school facilities in east-central Lakeville as that area of the community develops with urban residential land uses. The City should work with the School District to ensure that the site for any new facility will be large enough to accommodate a number of athletic fields and facilities that may serve to supplement Lakeville's existing community playfields and reduce the need for future land acquisition.
2. The City will encourage adjoining smaller municipalities and townships to establish their own local parks as a means of relieving some of the user demand on Lakeville's facilities. Lakeville will investigate joint planning, operation and maintenance opportunities as a means of promoting new active recreational facilities and opportunities outside the City that will be available to Lakeville residents.

Neighborhood Parks

The park plan illustrates 11 search areas for new neighborhood parks. The City's size standard for neighborhood parks ranges from 8 to 20 acres. Based on the City neighborhood park standards, the 11 search areas would require between 88 to 220 acres of additional park land.

Mini Parks

Mini parks are proposed to supplement the neighborhood park system in isolated smaller neighborhoods. The park plan illustrates only two potential mini park search areas. Based on the City's size standard for mini parks of one to five acres, these ten mini park search areas will require between two and 10 acres of new park land.

Greenways

Table 21 does not address future greenway acquisition. Unlike the parks classifications identified within this plan, greenways do not have a definitive size standard that is uniformly applied. Greenways are intended to protect environmentally sensitive areas, provide natural open space, and provide for passive recreational opportunities. The future development of a network of greenways as a means of enhancing the urban design of the community is strongly endorsed by Lakeville residents.

Total Park System

Currently Lakeville has 1,607.18 acres of park land and City-owned conservation areas and school facilities. This total park land represents 6.6 percent of the Lakeville's total area. Within the City park system, 495.45 acres is estimated to be available for active play. The active park land represents 2.0 percent of the City's total land area.

Not including future greenways or school facilities, Table 21 suggests the acquisition of 337 to 501 acres of future park land. Based on past ratios of active park land versus total park land, the new acquisitions will produce between 144 to 214 acres of additional active park land. These new acquisitions will increase the City's total park land in the range of 1,944 to 2,108 acres and its active park land to a range of 639 to 709 acres. If all the recommended acquisitions are pursued, Lakeville parks will comprise as much as 8.7 percent of the City's total land area, with active park land being up to 2.9 percent of the City's total land area.

The Lakeville Parks, Trails and Open Space Plan responds to the anticipated future recreational needs of its residents while economizing on needed park land through the following efforts:

1. Promoting full utilization of existing park and recreation facilities through facility design, upgrades, maintenance and operation.
2. Cooperative ventures with School Districts in Lakeville to integrate and share the development and use of recreational facilities.
3. Promote cooperative efforts with adjoining municipalities and townships for the development and use of parks, trails and recreational facilities outside the City.

Trails

The trail plan is integral to both Lakeville's transportation and park system. The trail system not only serves a transportation function but also provides access to scenic and recreational areas of Lakeville. The trail plan attempts to strike a balance between transportation and recreation objectives of the City and subsequently provides a plan for a comprehensive multiple purpose trail system.

The following map is the Comprehensive Trail System Plan for the City of Lakeville. This graphic depiction along with the trail standards and policies outlined in Chapter 5 will guide future trail system development. In addressing both the recreational and transportation aspects of the trail system, the following elements were considered:

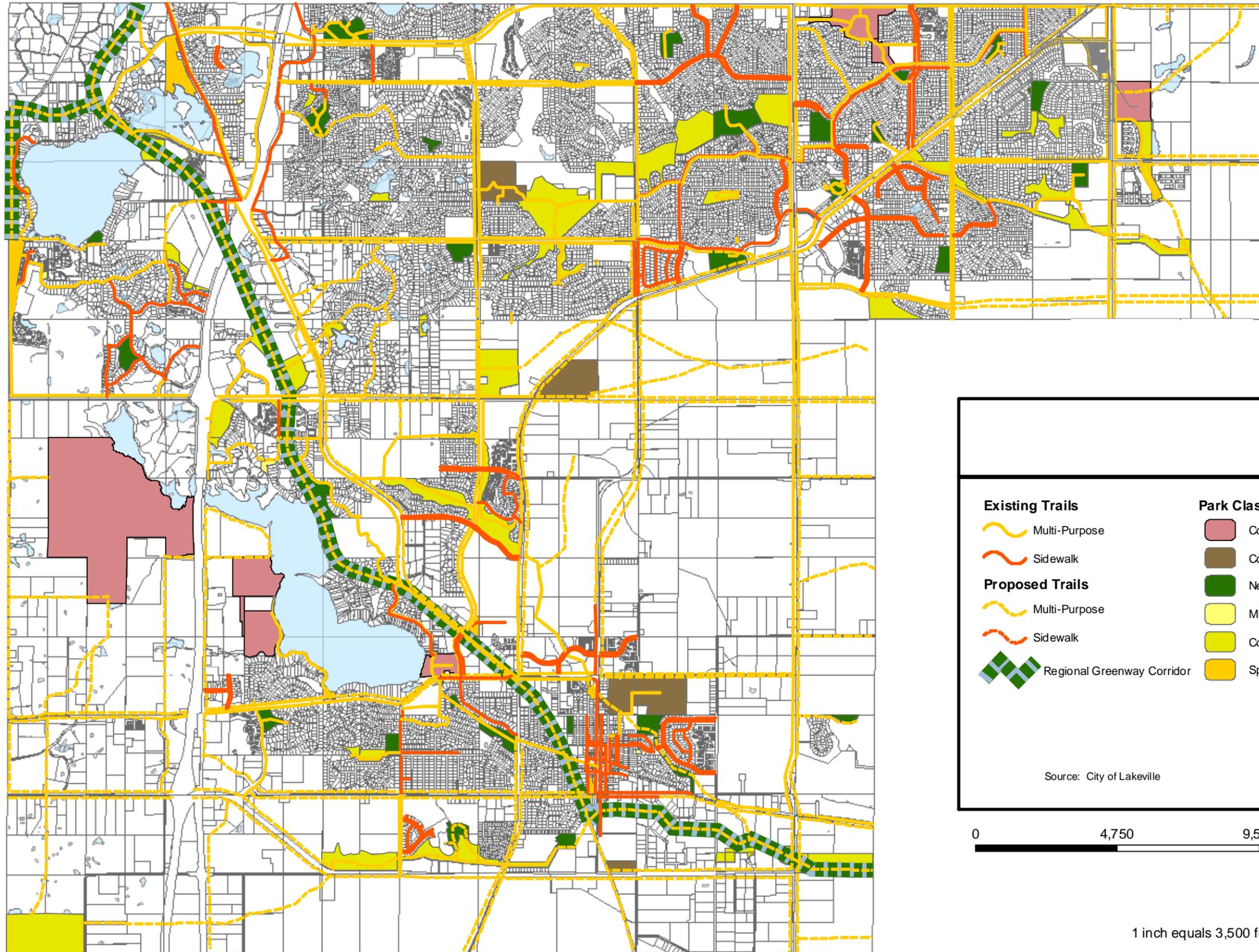
1. Trails must be accessible to the users. Densely populated areas of the City should receive high priority when considering trail routes. Trail development in areas of greatest user demand achieves the best utilization of trail facilities and the highest return on the capital investment.
2. To encourage trail use, trails must be planned to connect important trail user destinations. Popular recreational and commuter destinations include major residential neighborhoods, school sites, park sites, shopping areas, park and ride sites, centers of employment, and civic events and activities.
3. The trail system is intended to promote recreational use as well as offer an alternative mode of transportation. To accomplish this objective, the trail system plan recommends MPTWs and trail routes that divert from the roadway MPTWs

to take advantage of natural areas or unique vistas that may improve the recreational experience of the trail system users. Through the development of the MPTWs in a complete trail system plan, the City will meet the needs of both the commuter and recreational trail user.

4. Trail user protection is another important concern when determining the route and type of trail. Recognizing this concern, the City has established policies for placement of off-street MPTWs and sidewalks along roadways. In developed areas of the City where trail right-of-way cannot be obtained for a separate off-street trail, on-street trails will be provided. To provide the utmost protection to the trail user, on-street trails shall be designed to State Aid standards and should have an exclusive or semi-exclusive traffic lane. On-street parking on routes designated for on-street trails should be limited or prohibited whenever possible.
5. It is this plan's intention to provide routings which will not burden the City with high acquisition and construction costs. Trail rights-of-way will be acquired as part of the dedication process of a subdivision or included as roads are built or improved within the City right-of-way.
6. Trail planning in conjunction with park development can expand the service area of neighborhood parks through improved access. Bicycle and pedestrian trail planning is integral to future neighborhood park development.
7. Through the process of formulating the Lakeville Parks, Trails and Open Space Plan, the following trail system improvements were identified for priority consideration:
 - a. Provide MPTW access to Ritter Farm Park to improve access to this attractive facility for Lakeville residents.
 - b. Integrate overland MPTWs with greenways to provide residents with bicycle and pedestrian access to Lakeville's attractive open spaces.
 - c. The Canadian Pacific Rail line north of Airlake Industrial Park has been identified for use as an overland trail corridor if abandoned.
 - d. Provide a trail loop around Lake Marion.
8. Lakeville's local trail system will be integrated with adjoining communities and the County trail system to gain access to the following destinations beyond the City's boundaries:
 - a. Minnesota River Valley.
 - b. Mississippi River via the Vermillion River Greenway.
 - c. Regional parks and trails.
 - d. Minnesota Zoo.



**City of Lakeville
2006 Parks, Trails & Open
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MAP 25: TRAIL PLAN

Existing Trails

- Multi-Purpose
- Sidewalk

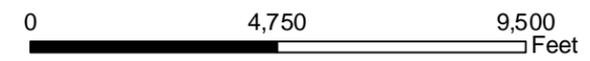
Proposed Trails

- Multi-Purpose
- Sidewalk
- Regional Greenway Corridor

Park Classifications

- Community Park
- Community Play Field/Athletic Complex
- Neighborhood Park
- Mini-Parks/Neighborhood Play Lots
- Conservation Areas
- Special Use Area

Source: City of Lakeville



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