

**1999-2004
PARKS AND RECREATION PLAN**

LENAWEE COUNTY, MICHIGAN

LENAWEE COUNTY PARKS AND RECREATION PLAN

FIVE YEAR PLAN -1999-2004

LENAWEE COUNTY, MICHIGAN

Prepared by:

LENAWEE COUNTY PARKS AND RECREATION COMMISSION

With Assistance From:

REGION 2 PLANNING COMMISSION

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Chapter 1 Community Description

Social Characteristics

It is important to be aware of the characteristics of a population before planning begins. Is the population growing and demanding more services? Is the population becoming poorer, with less money to spend on recreation? Will there be a need for more playgrounds or is the County's elderly population in need for different types of parks? To better understand the population that will be served by parks and recreation facilities, the social characteristics of Lenawee County are considered.

History

Since its settlement in 1823, Lenawee County has been strongly oriented toward agriculture. Much of this result from the good soils in the area, particularly the southeastern portion of the County which is part of the former Lake Erie lake bed. Over time, and particularly in the last few decades, agriculture has diminished in acreage as the County lost over 40,000 acres of cropland between 1982 and 1992. Since World War II, industrialization of the County has proceeded rapidly especially in the Adrian and Tecumseh area.

Population Trends and Projections

Demographic information is essential in solid waste management planning because it provides data used in the analysis and policy-making portions of the plan. These data are used in projecting future waste generation and the determination of the feasibility of various collection, recycling and disposal alternatives. The two principal sources of the population data are the U.S. Census Bureau and the Michigan Department of Management and Budget.

The Michigan Department of Management and Budget estimated Lenawee County's 1997 population to be 97,998. This is a 7.1% increase over the population of the County in 1990. From 1930 to 1997, Lenawee County's population nearly doubled from 49,849 in 1930 to 97,998 in 1997 (see Table 1).

Table 1
Lenawee County Population Trends, 1930-1997

Population		Growth Trends	
<u>Year</u>	<u>Population</u>	<u>Period</u>	<u>Percentage Population Growth</u>
1930	49,849	-	-
1940	53,110	1930-1940	6.5
1950	64,629	1940-1950	21.7
1960	77,789	1950-1960	20.4
1970	81,951	1960-1970	5.4
1980	89,948	1970-1980	9.8
1990	91,476	1980-1990	1.7
1997 (est.)	97,998	1990-1997	7.1
		Change, 1930-1997	96.6

Source: US Census Bureau and Michigan Department of Management and Budget

As the table indicates, Lenawee County saw its greatest growth during the 1940's and 1950's. During the 1960's, the County's population was relatively stagnant but grew 9.8% during the 1970's. Michigan's recession contributed to the slow growth rate of 1.7% during the 1980's, but a good local and state economy has resulted in considerable population growth during the 1990's.

The following table shows the population of the cities, villages and townships in Lenawee County from 1930 through 1996. The table shows that most units of government gained population between 1930 and 1996. The exceptions were the townships of Blissfield, Deerfield, Ogden, Ridgeway and Riga. These are all agricultural townships with some of the best soils in southeastern Michigan.

**Table 2
Lenawee County Population by Local Unit of Government, 1930-1996**

Unit of Government	Population							
	1930	1940	1950	1960	1970	1980	1990	1996 (est.)
<u>Cities</u>								
Adrian	13,064	14,230	18,393	20,347	20,382	21,276	22,097	22,262
Hudson	2,361	2,426	2,773	2,546	2,618	2,545	2,580	2,587
Morenci	1,773	1,845	1,983	2,053	2,132	2,110	2,342	2,311
Tecumseh	2,456	2,921	4,020	4,020	7,120	7,320	7,462	8,032
<u>Villages</u>								
Addison	452	465	488	575	595	655	632	630
Blissfield	2,013	2,144	2,365	2,653	2,753	3,107	3,172	3,252
Britton	368	409	517	622	697	693	694	675
Cement City *	n/a	n/a	n/a	429	489	501	465	468
Clayton	372	375	467	470	505	396	384	375
Clinton	1,026	1,126	1,344	1,481	1,677	2,342	2,475	2,516
Deerfield	512	569	725	866	834	957	922	918
Onsted	375	414	486	526	555	670	801	843
<u>Townships</u>								
Adrian	1,759	2,728	2,600	3,341	3,725	4,522	4,336	5,047
Blissfield	725	715	803	805	722	637	677	718
Cambridge	695	794	1,081	1,617	2,092	3,130	3,628	3,848
Clinton	432	437	525	817	863	1,071	1,082	1,147
Deerfield	833	776	822	790	755	772	737	782
Dover	964	1,007	1,082	1,259	1,325	1,703	1,608	1,705
Fairfield	1,739	1,790	2,025	2,117	2,047	1,986	1,883	1,924
Franklin	1,108	1,107	1,499	1,813	1,768	2,463	2,473	2,671
Hudson	910	911	966	1,145	1,180	1,384	1,300	1,378
Macon	905	862	1,000	1,262	1,316	1,480	1,421	1,542
Madison Charter	1,655	1,773	2,990	5,226	5,494	5,035	5,351	7,450
Medina	1,359	1,215	1,345	1,301	1,227	1,455	1,368	1,387
Ogden	1,399	1,372	1,249	1,305	1,553	1,224	1,146	1,135
Palmyra	1,551	1,652	1,767	2,418	2,424	2,476	2,602	2,299
Raisin Charter	1,196	1,258	1,767	3,061	4,322	5,499	5,648	6,328
Ridgeway	936	897	953	983	1,059	1,053	878	932
Riga	1,781	1,607	1,646	1,863	1,675	1,671	1,471	1,481
Rollin	1,151	1,228	1,977	2,361	2,620	3,012	2,891	3,066
Rome	971	1,017	1,111	1,219	1,330	1,681	1,632	1,617
Seneca	1,170	1,185	1,262	1,297	1,337	1,377	1,289	1,323
Tecumseh	435	469	1,032	775	1,048	1,480	1,539	1,843
Woodstock	1,313	1,386	1,566	1,401	1,712	2,265	2,490	2,641
TOTAL	49,849	53,110	64,629	77,789	81,951	89,948	91,476	97,133

Lenawee County's population is expected to continue to rise. The population projections

*The Village of Cement City incorporated during the 1950's.

for the years 1999 and 2004 are 99,044 and 101,772, respectively. The Lenawee County population estimates and projections are summarized as follows:

<u>Year</u>	<u>Population</u>
1990	91,476 (actual)
1995	96,418 (estimated)
1999	99,044 (estimated)
2004	101,772 (projected)

Lenawee County population projections for the year 1999 and 2004 were extrapolated from Michigan Department of Management projections.

Lenawee County had a population density of 121.9 persons/square mile in 1990. The density rose to 129.3 persons/square mile in 1999, and is projected to continue to rise to 135.6 in 2004.

Age Characteristics

The following table compares the age characteristics of the 1980 and 1990 Lenawee County population. The 35-44 age group experienced the greatest change, increasing from 11.3% of the population to 15.2% in 1990. The subsequent table shows that the median age of county residents increased from 29.0 in 1980 to 32.6 in 1990. The median age is expected to continue to rise into the next century.

**Table 3
Lenawee County Population by Age Bracket, 1980 and 1990**

AGE	1980		1990	
	Total	% of Total	Total	% of Total
Under 5	7,107	7.9	6,644	7.3
5-9	7,682	8.5	7,212	7.9
10-14	7,962	8.9	7,278	8.0
15-19	8,837	9.8	7,775	8.5
20-24	7,534	8.4	6,401	7.0
25-34	14,175	15.8	14,016	15.3
35-44	10,146	11.3	13,949	15.2
45-54	8,798	9.8	9,473	10.4
55-64	8,536	9.5	7,669	8.4

AGE	1980		1990	
	Total	% of Total	Total	% of Total
65-74	5,464	6.1	6,476	7.1
75-84	2,721	3.0	3,439	3.8
85+	986	1.1	1,144	1.3
TOTAL	89,948	100.0	91,476	100.0

Source: U.S. Census

Table 4
Age Characteristics for Lenawee County

	1980	1990
0-19 years	31,588	28,909
% of population	35.1	31.6
65 years and over	9,171	11,059
% of population	10.2	12.1
Median age	29.0	32.6

Source: US Census

Sex

Historically, there have been more females than males in Lenawee County. In 1990, the County contained 46,378 females and 45,098 males.

Minority Characteristics

When compared to the State of Michigan, Lenawee County and the City of Adrian have a relatively small percentage of black population, but relatively high percentages of persons of other race and hispanic origin.

Table 5
Minority Population for the State, Lenawee County, and the City of Adrian, 1990

	Total	White	Black	Other	Hispanic Origin
State	9,295,297	7,756,086	1,291,706	245,505	201,596
% of total	100.0	83.4	13.9	2.6	2.2
Lenawee County	91,476	86,323	1,431	3,722	5,515
% of total	100.0	94.4	1.6	4.1	6.0
City of Adrian	22,097	19,188	723	2,186	2,958
% of total	100.0	86.8	3.3	9.9	13.4

Source: US Census

Households

The number of households in Lenawee County increased from 24,239 in 1970 to 30,044 in 1980 and 31,635 in 1990. From 1990-1997, Lenawee County saw the construction of 3,108 new housing units, or an average of 389 new units per year. This new growth is likely to result in higher demands for park and recreation facilities.

Like most other places, the number of people per housing unit in Lenawee County has declined since World War II. For instance, Lenawee County's persons per household ratio was 3.26 in 1970 but declined to 2.77 in 1990.

Income

The following table compares the median family income of the State of Michigan, Lenawee County and the City of Adrian from 1970-1990. The incomes have all increased but not at the same rate. In 1970, the median family income of the City of Adrian was 97.3% of the County's. In 1980, the median income slipped to 91.8% of the County's and in 1990, it decreased to 82.3% of the County's median family income. It is also interesting to note that the County's median family income was 90.9% of the State's in 1970, 91.2% of the State's in 1980, and 96.1% of the State's median family income in 1990.

Table 6
Median Family Income, 1970-1990

	1970	1980	1990
State of Michigan	\$11,032	\$22,841	\$36,652
Lenawee County	\$10,027	\$20,825	\$35,210
City of Adrian	\$9,759	\$19,110	\$28,992

Source: US Census

Disabled Population

The following table presents data from the 1990 Census regarding the disability status of residents of Lenawee County and the County's two largest cities - Adrian and Tecumseh:

Table 7
Lenawee County Disability Characteristics, 1990

Community	Mobility or Self-Care Limitation (persons 16-64)		With a Work Disability (persons 16-64)		With a Work or Self-Care Limitation (persons 65 and over)	
	With a Mobility Limitation	With a Self-Care Limitation	In Labor Force	Prevented from Working	With a Mobility Limitation	With a Self-Care Limitation
Lenawee County	5,074	1,571	2,134	2,566	3,455	1,137
City of Adrian	1,308	367	528	685	924	312
City of Tecumseh	417	193	188	213	321	60

Source: US Census

Unemployment

According to the 1990 Census, Lenawee County had a 7.2% unemployment rate in 1990. However, more recent information from the Michigan Employment Security Agency suggest that the unemployment rate has decreased since the 1990 Census.

Tourism

With several tourist attractions in the Irish Hills and other areas of the County, tourism is a fairly important industry in Lenawee County. According to statistics compiled by the Michigan Travel Bureau, 360 people were employed in the tourism industry in Lenawee County

in 1990. In the same year, tourism was responsible for the expenditure of \$22.29 million in Lenawee County.

Both Lenawee County's natural features, such as an abundance of lakes and rolling topography, and its developed parkland, provide a strong influence in attracting tourists to the area.

Physical Characteristics

Location

Lenawee County is located in southeastern Michigan south of the I-94 transportation corridor between Detroit and Chicago. Nearby urban areas include Toledo, Jackson, and Ann Arbor (see Map 1).

Lenawee County is characterized by an urban corridor extending from Adrian to the Village of Clinton. In addition to this urbanized area, there are 10 other cities and villages in the County (see Map 2). The urban corridor includes the cities of Adrian and Tecumseh, the Village of Clinton, and the townships of Clinton, Adrian, Raisin, Tecumseh and Madison. According to 1996 population estimates, the corridor accounted for 54,625 people, or 56% of County's total population. The remaining incorporated places accounted for 10,748 people, or 11% of the County total.

Land Use

The most current source of data on land use is the Michigan Resource Inventory System (MIRIS) created in 1978. MIRIS data indicate that of the 761 square miles in Lenawee County, 37 square miles are used for urban purposes such as residential, commercial, industrial, transportation and communications, and 724 square miles are used for rural purposes such as agriculture, forest, water, wetlands, and barren lands. Though land use has changed considerably since the 1978 data were compiled, Lenawee County is still primarily rural in nature. However, the County is seeing signs of urban sprawl as low-density residential development occurs in rural areas.

Over half of the population in Lenawee County is concentrated in the urban corridor between Clinton and Adrian. Because public sewer facilities are available in much of this area, it contains some of Lenawee County's most intensive concentrations of residential, commercial and industrial land uses. The incorporated villages and cities outside of the urban corridor contain high-density residential, commercial and industrial uses but not at the intensities found within the urban corridor.

The US-12/Irish Hills area and the rural townships primarily contain agricultural and low-density residential land uses. However, there are small pockets of commercial and industrial use in these areas.

Recent residential building permit data confirm that the fastest growing areas in Lenawee County are within the urban corridor and the US-12/Irish Hills regions. Since 1990, over 84% of the building permits for new residential units have occurred within these two areas.

MAP 1 - AREA MAP

MAP 2 - POLITICAL SUBDIVISIONS

Future land use patterns in Lenawee County are likely to retain the existing pattern of development. That is, most of the high-density residential, industrial and commercial development is likely to take place in the urban corridor and incorporated cities and villages. However, low-density residential development is likely to take place in rural townships.

Topography

The topography of Lenawee County was determined by the movement of the continental glaciers. One element of topography is elevation which indicates the altitude of the land above sea level expressed in feet. When studying a relatively small area, such as Lenawee County, the actual measurements of elevation above sea level are not as important as the changes in these levels throughout the area. It is these changes in elevation that provide a feeling for the contour of the land as it rises and falls throughout the County (see Map 3).

The Thumb Upland, of which Lenawee County is a part, was formed as the glaciers moved south and retreated north across Michigan. This upland extends from the Ohio-Indiana line northeast to Huron County located at the tip of the Thumb of Michigan bordering Saginaw Bay and Lake Huron. Lenawee County lies at the southern portion of this upland and has elevations ranging from about 700 feet above sea level in the extreme southeastern corner of the County, to an elevation of slightly more than 1,200 feet in Woodstock Township. Elevations in the Irish Hills area of the County range from 1,000 feet to 1,200 feet above sea level.

Generally, the County is relatively flat to moderately hilly as a result of uneven deposition of glacial material. The portion of the County extending from Fairfield Township in a northeasterly direction to Macon Township, is a gently sloping or nearly level plain. The portion of the County extending diagonally from Medina and Seneca townships to Clinton and Tecumseh townships is composed of rolling hills, while the northwestern portion becomes heavily rolling with a number of lakes and peat swamps. The most rugged topography occurs in the townships of Woodstock, Cambridge, Franklin, Rollin and Rome. Prominent ridges also are located along the ancient beaches of the glacial lakes in the eastern area of the County.

Water Features

The largest watershed in Lenawee County is the River Raisin which drains eastward into Monroe County and Lake Erie and contains approximately 595 square miles or more than 78 percent of the County's area. The Bean Creek watershed which drains into Ohio contains approximately 135 square miles or about 18 percent of the County. A smaller area of about 24 square miles, approximately 3 percent of the County, mostly in Riga Township, drains in Monroe County and Ohio in manmade drainage ways and small creeks.

In Lenawee County, surface water features can be classified in three major types: 1) lakes, ponds, and reservoirs; 2) streams and rivers; and 3) wetlands (see Map 4). The 252 lakes

MAP 3 - slope

map 4 - surface water features

and ponds cover a total area of 5,496 acres and were formed largely as a result of the depressions left during the glacial periods. These depressions were filled with groundwater to the level of the surrounding water table. Lakes and ponds are the major surface water reservoirs that either collect or release water to inlet and outlet streams. Streams and rivers are surface water features that are primarily responsible for drainage. Waters from precipitation, runoff, lake outlets, and the groundwater inflow drain through a series of small minor tributaries, streams and rivers that eventually lead to major rivers or the Great Lakes in this part of the County. Wetlands are similar to lakes and ponds in their formation and water source. They are also surface depressions, but because of their relative shallowness, they constitute a different type of environment from the lakes. Sources of water for wetlands include: flow from the water table, precipitation, inlet streams, and accumulation from poorly drained lands.

Water resources have important recreational values for fishing, boating, and swimming, as well as the intrinsic natural beauty they possess. Streams in Lenawee County have been rated by the Michigan Department of Natural Resources relative of canoeability, or the ability of a canoe to navigate a stream. Factors which effect a canoe's navigational ability are stream width, depth, vegetation, and physical obstructions such as bridges, dams, rocks, or fences. Streams in Lenawee County have been categorized as "readily canoeable", "canoeable with difficulty", and "non-canoeable". The length of the River Raisin from Tecumseh to Blissfield is designated by the DNR as readily canoeable, indicating that the River is at least 15 feet wide and is consistently deep throughout the year, being suitable for canoes as well as small motorized boats. Wolf Creek and the south branch of the River Raisin near Adrian are rated as canoeable with difficulty, indicating that dense vegetation plus seasonal variations in water volumes cause some difficulty in canoeing. The remaining streams in Lenawee County are designated as non-canoeable, due to their shallowness, narrowness, low water level or degree of physical obstructions.

Wildlife Habitats

Wildlife habitats are places where animal life naturally live with the necessary food and shelter they need to survive. These habitats can be extremely sensitive, especially for aquatic life, because of the delicate natural balances of food supplies and predators. The altering of any portion or element of the habitat can create severe consequences to all forms of life within the entire ecosystem.

Aquatic habitats are those wildlife environments within or primarily associated with water. The quality and quantity of fish life in lakes, streams, or marshes is determined by many factors including water temperature, velocity, and depth as well as the composition of the bottom material, the amount and types of aquatic vegetation, the availability of other food sources, and the quality of water including silt conditions, oxygen holding capacity, and chemical and mineral composition.

Unfortunately, current information on many characteristics of water quality in Lenawee County is not available. However, during the 1970's, the State Department of Natural Resources rated streams for their suitability as fish habitats. These categories include: 1) Top Quality Warmwater Mainstreams - these streams contain good self-sustaining populations of warmwater game fish including: bass, bluegill, and northern pike. Mainstreams are over 15 feet wide and include the River Raisin, part of Wolf Creek, Fitts Creek and Bean Creek; and 2) Second Quality Warmwater Mainstreams and Feeder Streams - these streams contain significant quantities of warmwater fish, but game fish populations are limited due to poor water quality, a limited food supply, and conditions causing inadequate natural reproduction, such as: pollution, currents, and poor stream bed quality. Slater Creek is designated as a second quality warmwater mainstream, with feeder streams scattered throughout the County.

Soils

The soils in Lenawee County are probably one of its most significant natural assets. Rich soils deposited by Lake Erie, as it receded, left some of the best farmland in the Midwest in the eastern and southern portions of the County. Although very little of the soils has the highest rating of Class I, 54% of the total land area of the County is Class II soil and 36% is Class III (see Map 5).

Roads

(See Map 6) The road system within Lenawee County is anchored by three major highways - US-223, US-12 and US-127. US-223 bisects the County in the northwest-southeast direction, US-127 provides north-south access along the western portion of the County, and US-12 traverses the north part of the County in an east-west direction. State trunklines supplement these three major highways. There are a total of five state trunklines in the County: M-34, M-50, M-52, M-124 and M-156. M-34 and M-52 provide access to the urban center of Adrian. M-50 runs northwest-southeast, M-156 runs north-south between Morenci and Clayton, while only a small portion of M-124 extends into the County near Wampplers Lake. These major highways and State trunklines are further supplemented by a series of county arterial roads.

Environmental Analysis

The sensitivities of environmental features in Lenawee County were determined by assessing the impact between individual characteristics of the environment and their development relationship and land use on each other. The four categories of environmental sensitivity include: 1) highly sensitive areas, 2) sensitive areas, 3) moderately-sensitive areas, and 4) areas of low sensitivity.

Highly sensitive areas include those environmental features which can be severely damaged by development and/or impose severe physical limitations on development and the

map 5 - soils

map 6 - transportation

use of land. Highly sensitive features of the environment include lakes, wetlands, streams and rivers, and flood prone areas (see Map 7).

Sensitive areas can be adversely affected by the influences of land use and development. These same environmental features may also impose limitations on certain uses of land. However, environmental characteristics included in sensitive areas can be made compatible with land use and development through proper design and with necessary facilities and services provided. Sensitive areas include lake shores, woodlands and brushlands, steep slopes (generally greater than 15%), utility right-of-ways and easements, and historic and archaeological sites.

Moderately sensitive areas in Lenawee County include those lands which are devoted to agricultural uses and slopes of 7 to 14 percent (see Map 3). Because of the economic importance of agricultural uses and the permanent loss of agricultural lands once they are developed for other land uses, they should be used for urban types of development only when necessary and then only as part of a well planned growth policy which will provide these areas with the necessary services and facilities needed for concentrated residential, commercial, and industrial uses. Indiscriminate urban development of agricultural areas can have a significant affect on adjacent farmlands by increasing taxes, creating demands for facilities and services such as roads, sewer and water, and generally increasing pressures for premature or unnecessary urban development.

Improper use of slopes of 7 to 14 percent can create problems of excessive construction costs, and wind and water related soil erosion. Commercial and industrial land use should generally not be located on slopes within this range, although proper site planning may provide for use of these areas for low-density residential purposes or recreational activities.

Areas of low sensitivity in Lenawee County include existing urbanized areas and vacant lands. These areas are best suited for urban types of development because of their existing urban nature and the lack of conflicts with other environmentally sensitive areas. However, even though they are well suited for development, these areas should still be developed based on sound land use and growth policies which will concentrate urban land uses where proper public services and facilities are located.

Map 7 - land sensitivity

Chapter 2 Administrative Structure

Existing Recreation Programs

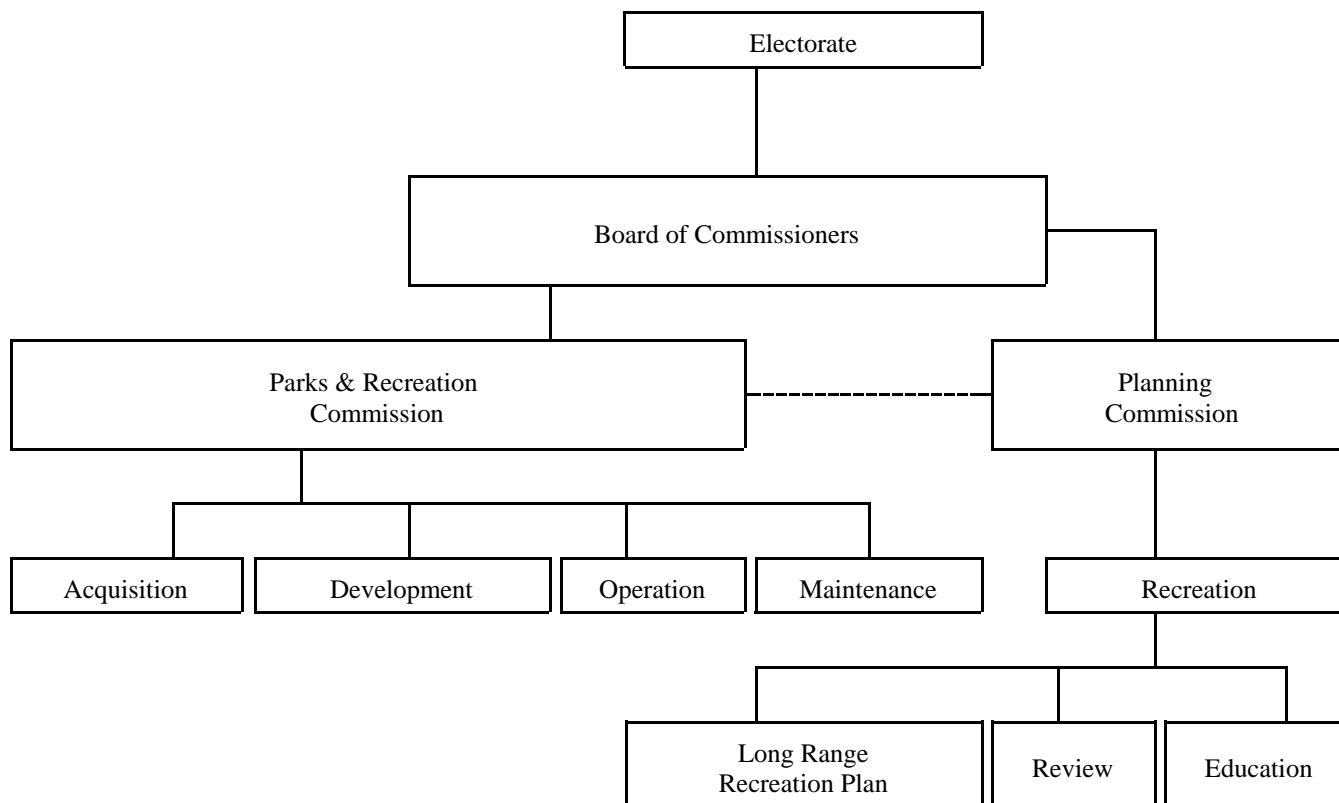
Organized recreation programming is as important to the Lenawee County recreation areas as any recreation facilities development. Programming is the means by which the maximum recreational use can be derived from existing facilities. Currently, the Lenawee County recreation delivery system does not provide organized recreation programming. However, they do provide staging areas and facilities for the City of Adrian Parks and Recreation Department and county-wide sponsors of organized recreation programming.

Legal Administrative Structure

Under the present system, as outlined in P.A. 156 of 1917, the Recreation and Playground Act, the County Board of Commissioners created a Lenawee County Parks and Recreation Commission consisting of five members. This Commission may plan, develop, preserve, administer, maintain, and operate park and recreation places and facilities on a county level. Thus, a commission whose sole responsibility would be for parks and recreation, could coordinate decisions and programs on a county level as well as make some contractual arrangements with local units of government for the development and maintenance of park lands in the communities or neighborhoods.

The following table illustrates the administrative structure for county park development and recreation planning:

**Table 8
Lenawee County Recreation
Proposed Functional Organization**



The County Parks and Recreation Commission personnel structure consists of two full-time and two part time seasonal employees. The delivery system is supported by approximately 10 volunteers. Lenawee County does not have a full-time parks director. The parks and recreation program is under the supervision of the County Administrator. The Parks and Recreation Commission is made up of four members of the Lenawee County Board of Commissioners and one at-large member.

Presently, the County Parks and Recreation Commission identifies five major sources of revenue for recreation. These include: 1) general fund tax dollars; 2) grants; 3) revenue sharing funds; 4) donations; and 5) charges. The success of the recreation program in Lenawee County is dependant on many sources of revenue.

The Lenawee County Parks and Recreation Commission present level of spending is reflected in their 1997 and 1998 budgets. A breakdown of the budgets is shown in Table 9. Recreation expenditures generally fall into two major categories - capital outlay programs and ongoing service obligations.

Table 9
Parks and Recreation Commission 1997 and 1998 Budgets

	1997	1998
<u>Revenues</u>		
Balance on January 1	\$10,151.00	\$12,305.00
County Appropriation	<u>\$17,083.00</u>	<u>\$17,083.00</u>
TOTAL REVENUE	\$27,234.00	\$29,388.00
<u>Expenditures</u>		
County Parks Commission	\$1,911.00	\$2,000.00
Bi-Centennial Woods	\$7,431.00	\$6,109.00
Iron Lake	\$723.00	\$800.00
Medina Park	\$7,852.00	\$6,109.00
Ramsdell Park	\$5,297.00	\$6,109.00
Gerber Park - Operations	<u>\$4,020.00</u>	<u>\$6,109.00</u>
TOTAL EXPENDITURES	\$27,234.00	\$29,388.00

Chapter 3 Description of Planning Process

This process began when the Parks and Recreation Commission identified a need to address deficiencies in delivery of park services and a need to identify priorities in park and recreation spending. The plan was developed by the Commission with assistance from Region 2 Planning Commission. A public hearing was held by the Lenawee County Board of Commissioners to solicit public input on the plan.

Before the Parks and Recreation Commission could consider goals and objectives, they had to take stock of available facilities. Therefore, an inventory of parks and recreation facilities had to be taken. The Commission discussed whether park deficiencies exist in Lenawee County both in terms of the number of parks facilities and the conditions of existing park and recreation facilities.

Also for background, previously prepared plans were reviewed. The Lenawee County Parks and Recreation 1985 Five-Year Plan was a good starting point. Because the goals and objectives are still valid, few changes were made. The MDNR's 1991-1996 Michigan Recreation Plan was also reviewed. It describes how the State of Michigan intends to carry out its role of providing recreation opportunities throughout the State. The plan identifies issues and related goals, representing two of the main thrusts of State recreation action. They are: restore and improve Michigan's community recreation infrastructure and create a network of trailways throughout the State.

These items provided the foundation for planning. Using this foundation, the Parks and Recreation Commission adopted goals, objectives and a corresponding capital improvements schedule and authorized the preparation of a plan draft. The draft was completed and a public hearing was held by the Lenawee County Board of Commissioners on June 9, 1999. The plan was approved by the Board of Commissioners on June 9, 1999 which authorized submittal of the plan to the MDNR. Copies of the adopting resolutions are included in Chapter Six.

The approved Plan was presented to the Region 2 Planning Commission at their June 10, 1999 meeting. Subsequently, the Plan was presented to the Lenawee County Planning Commission at their meeting of June 17, 1999. Transmittal letters are included within Chapter 6.

Chapter 4 Recreation Inventory

Inherent in the planning process, and especially in the analysis of deficiencies, is the need for a complete inventory of existing resources and recreation areas. This inventory must include the existing facilities as well as programmed facilities which have been planned and are presently somewhere between the drawing board and reality.

Detailed data were collected on all elements of the recreation activity areas in Lenawee County to determine the character, locational aspects, facilities, and use of these recreation areas (see Table 10 and Maps 8 and 9).

**Table 10
Existing Recreation Facilities
Lenawee County**

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
<u>Lenawee County</u>				
1	C	Bicentennial Park	Shelter areas with grills and tables, hand pump water and port-a-john, soccer field, volleyball, playground area, softball field, natural hiking trail	78.0
2	C	Medina Park	Two picnic shelters with grills and tables, water, restrooms, tennis courts, softball field, fishing	40.0
3	C	Ramsdell Nature Park	Shelter area with center fireplace, grills and tables, water, restroom, playground equipment	180.0
4	C	Gerber Hill	Picnic shelter with grills and tables, port-a-john, soccer field, baseball field, horseshoe pits, basketball, playground equipment	31.0
5	C	Iron Lake	Boat launch, fishing	1.0
6	C	Taylor Road	Undeveloped	80.0
<u>State of Michigan</u>				
7	C	Cambridge Historic State Park	Picnic area, visitor center	181.0
8	C	W. J. Hayes State Park	185 camp sites, mini-cabins, picnic area, picnic shelter, playground, beach house, concessions/store, boat launch, interpretive program, swimming, fishing, watchable wildlife	654.0

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
9	C	Lake Hudson State Park	50 camp sites, picnic area, picnic shelter, boat launch, swimming, hunting, fishing, watchable wildlife	2700.0
<u>City of Adrian</u>				
10	C	Island Park	1 softball field (lighted), 2 youth baseball fields, playground, 2 picnic shelters, concession stand building (currently not used), picnic tables/grills, 3 restrooms, sliding hill, fishing (River Raisin), hiking trails, disc golf, open space	48.2
11	C	Dunlap Park	Play equipment, open space (undeveloped), building - used for boxing club and summer playground	2.0
12	C	D.T @ I R.R. R.O.W. (Kiwans Trail)	Bicycle and walk path	7.5 miles
13	C	Trestle Park	1 youth baseball field, restrooms, amphitheater, 2 picnic shelters, walking/bicycle trail	20.0
14	C	Heritage Park	4 softball fields, concession stand, restrooms, historic school and town hall, barber shop, farm house, buildings and barn, Stubnitz Environmental Education Center, pond, R.C. airplane strip, tractor pull area, dump station, compost restrooms, 2 picnic shelters, play equipment, open space, trails, nature walking/hiking, running, cross country skiing, 3 woodlot management plots, 150 acres undeveloped	347.0
15	C	Maumee Court	Open space (traffic island)	0.5
16	C	Monument Park	Historic Site (war memorials), picnic tables	1.3
17	C	Berry Park	Formal garden, picnic tables, benches	1.5
18	C	Hospice Park	Formal garden, benches	1.0
19	C	Piotter Center	Senior citizen center, gym and locker room, cafeteria/kitchen, 6 classrooms	1.7
20	C	Riverside Avenue Nature Area	Nature study area	35.0
21	C	Riverside Park	1 lighted baseball field, outdoor artificial ice rink, swimming pool, 2 fish ponds, 3 picnic shelters, 2 playgrounds, 2 basketball courts, 6 horseshoe courts, 3 sand volleyball courts	51.6
22	C	Springbrook Park	Picnic tables, tree identification nature study	4.1

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
23	C	Sand Creek Park	Open space (undeveloped)	13.0
24	C	Toledo Point	Open space	0.1
25	C	Waterworks Park	Picnic tables, water access (Lake Adrian), open space	1.5
26	C	West Park	Picnic tables, flower boxes, benches, open space	1.3
27	C	200 East Maumee Park	Passive open, benches, picnic shelter	0.3
28	C	Cider Mill	Picnic tables, River Raisin access, open space	0.4
29	C	Fee park	Picnic tables, flower beds, open space	2.5
30	C	Dana Park	Youth baseball field, play equipment	1.4
31	C	Comstock Park	Picnic shelter, grills and benches, River Raisin access, river terraces (floral areas)	3.1
32	C	George Street Park	Picnic table, open space (undeveloped)	1.0
33	C	Erie Street Park	Basketball courts, picnic table and grill, shelter, playground, open space	1.0
34	C	Library Square	Formal garden	1.0
35	C	Maintenance Building	Parks and trees maintenance building and storage yard	2.0
36	S	Adrian High School and Springbrook Middle School	Football field, running track, 1 baseball field, 6 tennis courts	50.6
37	S	Drager Middle School	Running track, play field	5.0
38	S	Alexander Elementary School	1 baseball field, 1 softball field, 1 basketball court, play equipment	4.0
39	S	Comstock Elementary School	Play equipment	0.3
40	S	Garfield Elementary School	Basketball court, 1 softball field, play equipment	1.4
41	S	Lincoln Elementary School	Basketball court, play equipment	2.0
42	S	McKinley Elementary School	Basketball court, play equipment	7.8
43	S	Michener Elementary School	1 softball field (lighted), 3 soccer fields, play equipment	16.5
44	S	Prairie Elementary School	Play equipment	7.4

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
45	S	Madison Middle and High School	2 baseball fields, football field, running track, soccer field, gym, play equipment, picnic shelter, 2 sand volleyball courts	10.2
46	S	St. Joseph's Academy	Play equipment	0.1
47	S	Berean Baptist School	Play equipment	
48	S	St. Stephen's Lutheran School	2 softball fields, play equipment	5.6
49	S	St. John's Lutheran School	Gym, play equipment	
50	S	Lenawee Christian School and Family Centre	Picnic/park area, soccer field, baseball field, 2 softball fields, walking/running track, 4 tennis courts, 2 playgrounds, indoor pool, racquet courts, 2 gyms, bowling lanes, health/fitness club	80.0
51	S	Adrian College	Running track, 6 tennis courts, 2 softball fields, soccer field, gym, indoor multi-purpose facility, 2 theaters	90.0
52	P	Croswell Opera House	Live theater, 1 historic structure, mini-park bench tables	3.0
53	C	Lenawee County Fairgrounds	Exhibit Hall, race track grandstands, horse stalls, concession, restrooms, rental hall	29.0
54	S	Siena Heights University	6 tennis courts, 1 baseball field, 2 soccer fields, indoor multi-purpose facility	140.0
55	P	Lenawee County Historical Museum	Historical museum	
56	P	Y.M.C.A.	2 gyms, indoor pool, indoor track, handball courts, play equipment	3.0
57	P	Adrian Armory	Gym	2.0
58	P	Methodist Church	1 softball field, tot lot	10.1
59	P	Lenawee Recreation	Bowling -24 lanes, pro shop	
60	P	Centerview Golf Course - public	18 holes	
61	P	Woodlawn Golf Course - public	18 holes	
62	P	Wolf Creek Golf Course - public	18 holes, driving range	

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
63	P	Lenawee Country Club - private	18 hole golf course, driving range, 2 tennis courts, outdoor pool	
64	P	Old Orchard	Golf driving range, baseball/softball indoor batting cages	
65	P	Sequoia Trails - private	Family camping	
66	P	John's Body Shop	Aerobics	
67	P	Adrian Fitness Center	Health/fitness center/karate	
68	P	Muscle Pro	Health/fitness center	
69	P	Gaslight Billiard Lounge	Billiards	
70	P	Hope Center	Gym	
71	P	Adrian Cinemas	6 theaters	
72	P	Maple City Gymnastics	Gymnastics	
73	P	Black Dragon's Den	Karate	
74	P	The Dance Center	Ballet, Tap and Jazz	
75	P	Center Stage Kids	Performing arts	
<u>City of Tecumseh</u>				
76	C	Adams Park	Water fountain, 5 benches, drinking fountain, lavatory, parking	1.0
77	C	Beardsley Park	Undeveloped	8.3
78	C	Cal Zorn Recreation Center	Shelter, picnic tables, benches, grills, swings, climbers, spring toys, slides, merry-go-round, basketball hoop, soccer fields, baseball diamonds, water fountains, lavatories, parking areas	15.0
79	C	Douglas W. Bird Kiwanis Memorial Park	Sled run, swings, slide, grills, benches, picnic tables	23.7
80	C	Elliot Park	Scout cabin, benches, grills, slide, swings, climber, swinging gate, parking area	1.4
81	C	Evans Parks	Undeveloped historic site	6.0
82	C	Hotrum Promenade Park	Gazebo, benches	1.4
83	C	Indian Trails Crossing	Nature preserve	130.0

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
84	C	Satterhwaite Park	Tennis courts, slides, swings, shelters, grills, picnic tables, paved parking, fishing, boat launch, basketball court, community center, indoor horse shoe pits, senior center, lavatories, drinking fountains	61.0
85	C	Standish Dams	Fishing, nature trails, parking	2.0
86	C	Tecumseh Park	Volleyball courts, basketball hoop, tennis courts, parking, beach, swimming pond, picnic tables, grills, play structure, slides, climbing stairs, tot swings, swings, slides, climbing stairs, horseshoe pit, sled hills, drinking fountain, concession stand, handball courts, inline skating area	25.2
87	C	Occidental Street site	Undeveloped	2.3
88	C	Patterson Park	Picnic tables, grill, parking	1.5
89	C	Shady Lane Park	Slide, baseball diamond	9.0
90	C	Sunset Park	Maintained green	1.0
91	S	Herrick Park Elementary	Swings, slides, basketball hoops, ballfields, wood climbers, parking	10.1
92	S	Patterson Elementary	Climbers (plastic), swings, ladder, slide, climber (metal), soccer field, parking	1.0
93	S	Tecumseh Acres Elementary	Ballfields, swings, climber (metal), ladder, climber (wood), play structure	10.0
94	S	Tecumseh High School	Baseball diamonds, football/soccer fields, bathrooms, indoor pool, jogging track, parking	26.0
95	S	St. Elizabeth School and Church (private school)	Slide, swings, merry-go-rounds, sea saws, basketball hoop	1.0
96	S	Tecumseh Country Club	Golf	
97	P	Tecumseh Historical Museum	Historical museum	
98	P	Airport Bowl	Bowling	
99	P	Ten Pin Alley	Bowling	
100	P	Macon Golf Course	Golf	
101	P	Raisin Valley Golf Club	Golf	
102	P	Camp Sequoia	Camping, cross country skiing	

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
<u>Village of Clinton</u>				
103	C	Tate Park	Pavilions, softball diamonds, concession stand, playground equipment, soccer fields, Irene Stephens Memorial Gardens, canoe landing	59.0
104	C	South Kimball Community Center	Basketball court, tennis courts, roller hockey	
105	C	Memorial Green and monument		
106	C	Waterworks picnic area	Picnic tables, grills	
107	P	Southern Michigan Railroad	Railroad, amusement	
<u>Raisin Charter Township</u>				
108	C	Mitchell Park	Soccer fields, ball diamonds, pavilions, merry-go-rounds, swing sets, slides, climber, playground equipment, tennis court	35.0
109	P	Ives Road Fen	Natural area	
110	C	Osborne Subdivision Park	Dedicated to township as part of subdivision development	5.0
<u>Village of Blissfield</u>				
111	C	Ellis Park	Swimming pool, baseball, tennis courts, volleyball courts, women's softball, picnicking, play equipment	17.6
112	C	Clara Bachmeyer Memorial Park	Picnicking, play equipment	6.9
113	C	Bachmeyer Playground	Little League ballfield, play equipment, picnicking	4.4
114	S	Blissfield High School Athletic Complex	Football field, baseball field, soccer field, track, exercise course	70.0
115	S	Blissfield Middle School	(associated with high school complex)	1.7
116	S	West Side School	Playground equipment	1.7
117	S	Blissfield Elementary School	(associated with high school complex)	2.0
118	C	Farver Little League Field	Baseball field	4.7
119	C	Downtown Mini-Park		0.2
120	P	Reflections	Entertainment, museum	
121	P	Adrian/Blissfield Railroad	Train rides, dining	

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
122	P	Rich Lanes	Bowling	
<u>Adrian Charter Township</u>				
123	C	Waid Park	Picnic shelter	0.3
124	P	Lenawee Country Club	Golf - 18 holes	
125	P	Wolf Creek Golf Course	Golf - 18 holes	
126	P	Centerview Golf Course	Golf - 18 holes	
<u>Village of Onsted</u>				
127	C	Onsted Festival Park	Swings, play equipment, 6 baseball diamonds, 2 picnic pavilions with electricity, restroom, soccer field, stage, benches, shuffleboard court	20.0
128	S	Onsted Community Schools	2 baseball diamonds, football field, track, gym, basketball court, soccer field	
<u>Madison Charter Township</u>				
129	S	Madison High School	Baseball diamond, football field, softball diamond, soccer field, track, gym	
130	S	Sand Creek High School	Baseball diamond, football field, softball diamond, soccer field, track, gym	
131	P	Woodland Golf Course	Golf - 18 holes	
132	P	Old Orchard Driving Range	Driving range, batting cages	
133	P	Eliot Driving Range	Driving range, putt putt golf	
<u>Riga Township</u>				
134	C	Riga Township Park	Tennis court, 2 baseball/softball diamonds, volleyball court, basketball court, playground equipment	5.0
135	P	Montessori Preschool	Playground equipment	
<u>Franklin Township</u>				
136	C	Franklin Township Park	1 tennis court, 1 basketball court	1.0
137	C	Michigan State University Hidden Lake Gardens	Arboretum, picnicking, hiking trails, scenic drives, educational classes	671.5
138	S	Tipton School	Playground equipment	
<u>Fairfield Township</u>				

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
139	C	Hinde Park	Basketball court, swings, teeter totters	1.0
<u>Rollin Township</u>				
140	C	Jack Tibbs Memorial Park	Baseball diamond, playground equipment, picnic shelter, open spaces	7.4
141	S	Manitou Road Baptist Academy	Swing set	
<u>Village of Deerfield</u>				
142	C	Deerfield Village Park	Picnic shelter, grills/outlets, sand volleyball court, 1 tennis court, basketball court, playground equipment, restroom facility, paved parking	1.0
143	S	Deerfield Public Schools	Softball diamonds, basketball, playground equipment, gym, football field, porta potty	
<u>Village of Cement City</u>				
144	C	Cement City Park	Hand pump well, playground equipment, baseball diamond, picnic shelter, grills, basketball court	1.0
145	S	Miller Elementary School	Football field, baseball diamond, basketball court, gym, playground equipment	5.0
<u>Woodstock Township</u>				
146	P	Devils Lake Golf Course	Golf - 18 holes	
147	P	Silver Lake Golf Course	Golf - 9 holes, driving range	
148	P	Devils Lake Campground	50 seasonal campsites, bathroom/shower facilities, sewer, boating, electrical, water hookups	
149	P	Irish Hills Campground	Over 100 campsites, pool, store, bathroom/shower facilities, electrical and water hookups, playground	
150	P	Juniper Hills Campground	Over 100 campsites, water and electric hookups, store, playground, swimming, race-related camping	
151	P	Paradise Campground	105 seasonal campsites, playground, recreation building, water and electric hookups, shower/restroom facilities	
152	P	Sauk Valley Youth Camp	Cabins, lake access, shower/electric facilities, fishing	
153	P	Bernie's Cedar Haven	Over 20 campsites, overnight camping, cabins, store, water and electric hookups	

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
<u>Macon Township</u>				
154	C	Macon Township Hall	Playground equipment	0.5
155	P	Macon Campground	Campground	
156	P	Macon Golf Course	Golf - 18 holes	
<u>Hudson Township</u>				
157	P	Evergreen Golf Course	Golf - 9 holes	
<u>Clinton Township</u>				
158	S	Clinton High School	Football field, track, 2 baseball fields, 1 softball field, practice football and softball field, practice soccer field, gym	
159	S	Clinton Elementary School	Play area, 4 little league fields, softball field, gym	
160	S	Clinton Middle School	Soccer field, gym	
<u>City of Morenci</u>				
160	C	Wakefield Park	2 tennis courts, softball diamond, little league diamond, tee ball diamond, 3 shelter houses, concession stand, public rest room, playground equipment, horseshoe pit, volleyball, picnic tables, grills, war memorial with flower planter, basketball court, summer youth recreation program	11.6
161	C	Stephenson Park	Playground equipment, little league field, porta potty	1.8
162	C	Riverside Park	Natural park, trail	12.2
163	S	Morenci Elementary School	Gym, basketball courts, playground	
164	S	Morenci Middle School	Gym, basketball courts	
165	S	Morenci High School	Baseball field, soccer field, football field, track, weight room and exercise facilities (open to public)	
166	P	Church of the Nazarine	Multi-purpose gymnasium	
167	P	Morenci Lanes	Bowling	
<u>Medina Township</u>				
168	P	De-Mor Hills Golf Course	Golf - 18 holes, driving range	
<u>Seneca Township</u>				

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
169	P	Morenci Sportsman's Club	Trap shooting, archery, rental hall	
<u>Irish Hills Area</u>				
170	P	Woodland Zoo and Wildlife Pets	Petting zoo	
171	P	Dwight D. Eisenhower's Private Railroad Car	Historical attraction	
172	P	Irish Hills Twin Towers	Observation towers, putt putt golf, gift shop	
173	P	Jungle Rapids	Amusements	
174	P	Michigan Speedway	Automobile races, camping, concessions	
175	P	Port-to-Port Adventure Golf	Putt putt golf, batting cages, arcade	
176	P	Prehistoric Forest	Amusements	
177	P	Stagecoach Stop, USA	Amusements	
178	P	The Bear's Lair	Amusements	
179	P	Mystery Hill	Amusement park	
<u>Village of Addison</u>				
180	S	Addison Elementary School	Neighborhood playground	4.0
181	S	Devils Lake Elementary School	Neighborhood playground	4.0
182	S	Addison High School Athletic Complex	Community playfield	35.0
183	C	Smith Park	Major community park	2.0
184	C	Bowens Park	Major community park	7.0
185	C	Water Works Park	Major community park	11.5
<u>City of Hudson</u>				
186	S	Hudson High School	Softball field, baseball field, athletic field, gym, outdoor track, parking lots	20.0
187	S	Lincoln Elementary School	Athletic field, playground area, gym, parking lot	12.2
188	C	Will Carleton Park	Softball field, little league field, 2 tennis courts, basketball court, 3 picnic shelters, 2 playground areas, athletic field, restroom facility, 2 parking lots, 50 picnic tables, 8 grills, nature area (undeveloped)	22.3

<u>Map Key</u>	<u>Community (C), School (S) or Private (P) Facility</u>	<u>Name</u>	<u>Facilities</u>	<u>Acreage</u>
189	S	Thompson Field	Football field, 2 lighted tennis courts, playground areas, little league field, athletic field, 2 parking lots	17.3
190	C	Mini-park	Playground area, parking lot, picnic table	0.4
191	S	Miller School	Undeveloped area	2.8
192	S	Sacred Heart School	Playground area, parking lot, gym	0.5
193	S	Sacred Heart School	Recreation hall with kitchen facilities, parking lot	0.8
194	C	Hudson Community Center	Recreation hall with kitchen facilities, parking lot	0.8
195	C	Thompson Memorial Park	Playground area, athletic field, 2 picnic tables, parking lot	2.5
196	C	Webster Park	Girls softball field, picnic shelter, restroom facility, playground area, 25 picnic tables, 6 grills, parking lot	2.7
197	C	Hudson Public Library	Library, museum	0.5
198	P	Hudson Bowling Lanes	10 bowling lanes	0.5
No park or recreation facilities - Rome Township, Blissfield Township, Ogden Township, Deerfield Township				

Map 8 - Lenawee County parks and recreation facilities

Map 9 - city of Adrian parks and recreation facilities

**Chapter 5
Action Program, Capital Improvement Schedule (CIS) and Rationale**

Action Program

Recreation Needs

Over the course of several meetings, the Parks and Recreation Commission identified the need for improvement to existing parks facilities and equipment and the need to add new facilities in the six parks operated by Lenawee County. The improvements are listed in Table 11.

**Table 11
Lenawee County Park Improvements, 1999-2004**

Park	Improvement
Ramsdell	-New storage building (32' by 32')
	-Fishing pier - 1 pond south of barn 30'
	-Playground equipment (toddler type)
	-Dredge pond/liner for first pond or fill-in
Iron Lake	-Cement launch
Gerber Hill	-Parking lot on south side
	-Pond dredged
	-Fishing pier
	-Playground equipment
	-Small shelter
	-Fencing and gate around 12 acres on the south side
Taylor Road	-Enhancement/driveway parking area
Medina Park	-Pave the entrance down the hill with spillways on the sides
	-Fence post
	-Tennis court
	-Bridge and trails on the other side of the water
	-Playground equipment

Park	Improvement
Bicentennial Park	-Soccer field
	-Pave entrance
	-Shelter (enclosed ceiling)
	-New refurbish gates
	-Parking lot
	-Bleachers
	-Playground equipment
	-Fence post

After agreeing on park improvement needs, the Commission ranked park improvements according to need. The Commission decided that improvements would be made to one park per year throughout the duration of the 1999-2004 Parks and Recreation Plan. The top priorities for county park improvements were ranked as follows:

1. Bicentennial Park
2. Gerber Hill
3. Medina Park
4. Ramsdell Park
5. Iron Lake
6. Taylor Road

This ranking was determined based on the evaluation of the following considerations:

1. Goals and objectives of the Parks and Recreation Commission
2. Citizen input
3. Park usage
4. General park standards
5. Inadequacy of existing facilities
6. Ongoing park maintenance

Capital Improvements Schedule

The 1999-2004 Capital Improvements Schedule is the result of the planning effort and goal-setting process used for this plan. The ability of the county to fund the projects affects all capital improvements. Table 12 provides a brief description of the project, the estimated costs and potential funding sources. It also identifies the map key number for the park so that it can be located on Map 8.

Table 12
Lenawee County Parks and Recreation
Five-Year Capital Improvement Schedule
1999-2004

Project Description	Estimated Cost (\$)	Funding Source	Map Key (see Map 8)
<u>1999</u>			
<u>Bicentennial Park</u>			
New soccer field	20,000		1
Pave entrance to park	1,200		1
Shelter	40,000		1
Refurbish gates and fence	4,000	Clean Michigan Fund (CMF) or MNRTF, and County funds	1
Parking lot	12,000		1
Bleachers	4,000		1
Playground equipment	10,000		1
Fence post	4,000		1
<u>2000</u>			
<u>Gerber Hill Park</u>			
Parking lot on south side	12,000		4
Dredge pond	6,000		4
Fishing pier	4,000	Clean Michigan Fund (CMF) or MNRTF, and County funds	4
Playground equipment	10,000		4
Small shelter	10,000		4
Fencing gate around 12 acres on south side	4,000		4
Paving Carroll Road	?	Township/private funds	4
<u>2001</u>			

<u>Medina Park</u>			
Pave entrance downhill with spillways on sides	6,000		2
Fence posts	4,000		2
Tennis court	14,000	Clean Michigan Fund (CMF) or MNRTF, and County funds	2
Bridge and trail on other side of river	20,000		2
Playground equipment	10,000		2
<u>2002</u>			
<u>Ramsdell Park</u>			
Storage building (32'x32')	15,000		3
Fishing pier - first pond south of barn (30')	4,000		3
Playground equipment (toddler type)	10,000	MNRTF and County funds	3
Dredge pond (liner for pond or fill in)	6,000		3
<u>2003</u>			
<u>Iron Lake Park</u>			
Cement launch	8,000	MNRTF and County funds	5
<u>2004</u>			
<u>Taylor Road Park</u>			
Enhancement driveway/parking area	5,000	MNRTF and County funds	6

Rationale

The Parks and Recreation Commission created the following goals and objectives for Lenawee County parks:

Goal 1: *Provide all residents of Lenawee County with park and recreation areas and activities that meet acceptable standards, thus providing wholesome and safe leisure time opportunities.*

Objectives: Maintain the physical quality of existing facilities and grounds through aggressive renovations and repair projects.

Investigate adding an ice skating facility with land donated by the private sector.

Improve the environment of the River Raisin for recreation purposes.

Goal 2: *Increase park visitor usage and tourism at county park facilities.*

Objectives: Promote county park attractions and community festivals.

Seek out opportunities for special events in County parks.

Develop avenues and opportunities for joint or private sector operation of leisure time programs or facilities.

Goal 3: *Develop a greenways system as a means of preservation, and to provide a linkage of existing parks systems utilizing river front parks, parkways, scenic drives, boulevards, biking and hiking trails, and rivers and streams.*

Objectives: Develop the Irish Hills Lakes Greenway which traverses Deep, Dewey, Little Stone, Dotys, Washington, Mud Marris, Wolf, Allens, Meadow, Kellys, Killarney, and Iron lakes.

Develop the Bean Creek Greenway which traverses Bean Creek, Mallory Lake, Devils Lake, and Round Lake.

Develop the River Raisin Greenway which traverses the River Raisin, Wolf Creek, Black Creek (tributary of Wolf Creek), and South Branch River Raisin.

Develop the Black Creek Greenway which traverses Black Creek and Lake Hudson.

Goal 4: *Establish staging areas for a variety of programs that would be beneficial to the residents of all ages of the County.*

Objectives: Coordinate current programs that are presently being offered through the auspices of the school districts, various leagues, and municipal parks and recreation departments.

Develop facilities for additional activities, especially of long nature adaptable to leagues, for age levels not presently being served.

Develop staging areas for self improvement year-round program for all ages in nature study, physical fitness, outdoor individual sports, and enrichment programs.

Develop more facilities for children's leagues, i.e. soccer, football, tennis.

Develop more staging areas for senior citizens leagues, i.e. shuffleboard, horseshoes, and lawn bowling.

Goal 5: *Improve and expand administrative and personnel management in the area of the County's park and recreation delivery system.*

Objectives: Obtain a full or part time park and recreation manager/director/curator.

Explore the potential for private sector involvement.

Develop policies for contracting with the private sector to deliver some recreation services traditionally performed by park department employees.

Develop cooperative recreation programs with local units of government and school districts.

Involve area residents in the planning of proposed facilities and programs.

Explore the potential for combining the city and county park and recreation departments into a single district park system.

Goal 6: *Improve and expand financing management in the area of the sources of revenue and the way funds are spent.*

Objectives: Develop a mechanism for receiving and implementing estates, trust, donations, and memorials.

Develop a policy to establish and implement fees and charges.

Develop a “Gifts Catalog” which illustrates, describes, itemizes, and prices specific leisure service and conservation/preservation needs.

Develop strategies for cost cutting.

Develop a creative and unique acquisition process “scrounging”.

Develop land conservation and preservation techniques.

Explore fund-raising methods.

Set up a long-range program for application to Krammer Trust Fund grants and land and water grants.

Goal 7: *Improve and expand maintenance management in the areas of quantitative maintenance, qualitative maintenance, standards establishment, equipment availability, personnel, and scheduling.*

Objectives: Develop a “maintenance impact statement” which sets forth the dollar costs to the County Parks and Recreation Commission and taxpayers of operating and maintaining a proposed facility or programs.

Develop energy planning and management.

Chapter 6

Local Adoption and Certification Plan

The following documents are included as required by the Michigan Department of Natural Resources:

1. Signed and dated resolution of the Lenawee County Parks and Recreation Commission who is responsible for creation of this Parks and Recreation Plan.
2. Signed and dated resolution of the Lenawee County Board of Commissioners adopting this recreation plan.
3. Letters of transmission of the Plan to the Lenawee County Planning Commission and the Region 2 Planning Commission.
4. Signed and dated Community Recreation Plan Certification Checklist.

RESOLUTION

WHEREAS, on June 4, 1999, the Lenawee County Parks and Recreation Commission adopted the 1999-2004 Lenawee County Parks and Recreation Plan; and

WHEREAS, the plan includes planned parks and recreation developments through December 31, 2004, based on known conditions at that time; and

WHEREAS, the Lenawee County Parks and Recreation Commission and Lenawee County Board of Commissioners seek to make improvements to Lenawee County parks; and

WHEREAS, to be eligible for any future funding from the Michigan Department of Natural Resources, as such improvements must be listed in the 1999-2004 Lenawee County Parks and Recreation Plan; and

WHEREAS, the Lenawee County Board of Commissioners held a public hearing on the proposed plan on June 9, 1999;

NOW THEREFORE BE IT RESOLVED, that the Lenawee County Parks and Recreation Commission hereby approves and adopts the 1999-2004 Lenawee County Parks and Recreation Plan that calls for park improvements to Lenawee County parks.

Roll Call Vote:	
Cmr. Bruggeman	___
Cmr. Eisenmann	___
Cmr. Flippo	___
Cmr. Gould	___
Cmr. Tillotson	___

Ayes	___
Nays	___
Total	___

Larry Gould, Chairman

RESOLUTION
TO ADOPT THE 1999-2004 LENAWEЕ COUNTY
PARKS AND RECREATION PLAN

WHEREAS, the Lenawee County Parks and Recreation Commission has adopted the 1999-2004 Lenawee County Parks and Recreation Plan and recommends adoption by the County Board of Commissioners; and

WHEREAS, the Plan has been drafted to include parks and recreation developments through 2004; and

WHEREAS, a public hearing was held, preceded by legal notice in the newspaper; and

WHEREAS, the Lenawee County Parks and Recreation Commission wishes to submit the Plan to the Michigan Department of Natural Resources for approval and qualifications for funding applications for a five-year period;

NOW, THEREFORE BE IT RESOLVED, that the Lenawee County Board of Commissioners hereby approves and adopts the 1999-2004 Lenawee County Parks and Recreation Plan and authorizes its submission to the Michigan Department of Natural Resources for approval and to the Region 2 Planning Commission and Lenawee County Planning Commission for their review.

Lowell Eisenmann, Chairman
Lenawee County Board of Commissioners

June 9, 1999

Charles C. Reisdorf, Executive Director
Region 2 Planning Commission
120 W. Michigan Avenue
Jackson, Michigan 49201

Dear Mr. Reisdorf:

Enclosed please find a copy of the Lenawee County 1999-2004 Parks and Recreation Plan. The Plan calls for continuing park maintenance and the addition of new recreation opportunities for the citizens of Lenawee County.

The Plan was adopted in accordance with the requirements of the Michigan Department of Natural Resources. These requirements include forwarding a copy of the Plan to the regional planning agency for Lenawee County.

If you have any questions about the Plan, please feel free to contact me.

Sincerely,

Larry Gould, Chairman
Parks and Recreation Commission

June 9, 1999

Frank L. Crosby, Jr., Chairman
Lenawee County Planning Commission
c/o Region 2 Planning Commission
120 W. Michigan Avenue
Jackson, Michigan 49201

Dear Mr. Crosby:

Enclosed please find a copy of the Lenawee County 1999-2004 Parks and Recreation Plan. The Plan calls for continuing park maintenance and the addition of new recreation opportunities for the citizens of Lenawee County.

The Plan was adopted in accordance with the requirements of the Michigan Department of Natural Resources. These requirements include forwarding a copy of the Plan to the Planning Commission for Lenawee County.

If you have any questions about the Plan, please feel free to contact me.

Sincerely,

Larry Gould, Chairman
Parks and Recreation Commission