



MACOMB TOWNSHIP

5-YEAR RECREATION PLAN

2018-2022

ADOPTED BY:

THE MACOMB TOWNSHIP BOARD OF TRUSTEES
December 20, 2017

MACOMB TOWNSHIP BOARD OF TRUSTEES

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Kristi L. Pozzi, Clerk
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Gina Muszynski, Recreation Facility Supervisor
Permelia Gross, Aquatics Supervisor
Michelle Duda, Program Leader
Chris Stepp, Program Leader
Pat Allen, Clerk



MACOMB TOWNSHIP

MASTER PLAN FOR PARKS AND RECREATION

2018-2022

ADOPTED BY:

THE MACOMB TOWNSHIP BOARD OF TRUSTEES

December 20, 2017

PREPARED BY:

THE MACOMB TOWNSHIP PLANNING DEPARTMENT &
THE MACOMB TOWNSHIP PARKS AND RECREATION DEPARTMENT



2018-2022 5-YEAR RECREATION PLAN

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COMMUNITY PROFILE

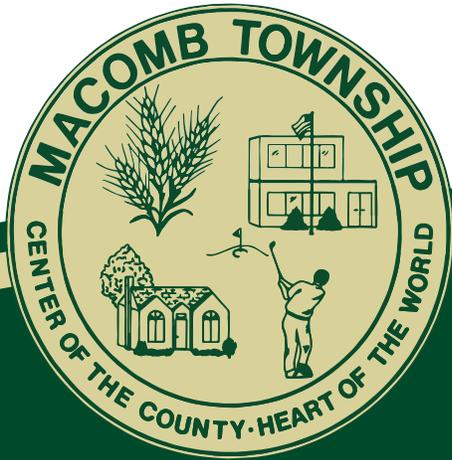
MACOMB TOWNSHIP, MICHIGAN

CENTER OF MACOMB COUNTY – HEART OF THE WORLD

| | |
|-----------------------------------|---|
| POPULATION 2010: | 79,580 - 2010 CENSUS |
| POPULATION JULY, 2016 ESTIMATE | 86,951 - SEMCOG |
| POPULATION 2040 REGIONAL FORECAST | 95,067 - SEMCOG |
| SIZE AND AREA: | 36.468 SQUARE MILES 23,339.1 ACRES |
| TRANSPORTATION: | CANADIAN NATIONAL RAILROAD M-59 (HALL ROAD) |
| PUBLIC SCHOOL DISTRICTS: | CHIPPEWA VALLEY SCHOOLS L'ANSE CREUSE SCHOOLS NEW HAVEN SCHOOLS UTICA COMMUNITY SCHOOLS |
| RECREATION: | RECREATION CENTER MACOMB CORNERS PARK WALDENBURG PARK MACOMB TOWN CENTER PARK FIVE GOLF COURSES |
| MAJOR LAND USES: | AGRICULTURE RESIDENTIAL COMMERCIAL INDUSTRIAL MACOMB TOWN CENTER |
| LOCATION: | CENTER OF MACOMB COUNTY 12 MILES NORTH OF DETROIT |







MACOMB TOWNSHIP

Chapter 1: COMMUNITY DESCRIPTION

INTRODUCTION

The recently updated Master Plan for Macomb Township has, as one of its goals and objectives, the further study of the recreation needs and proposals for a recreation program for the Township residents. Parks, recreation, greenway and open space are considered a major component of the planning process, and as such requires considerable attention and study to address the issues involved. This Plan addresses park and recreation needs for Macomb Township and focuses on the current and projected needs for all aspects of recreation.

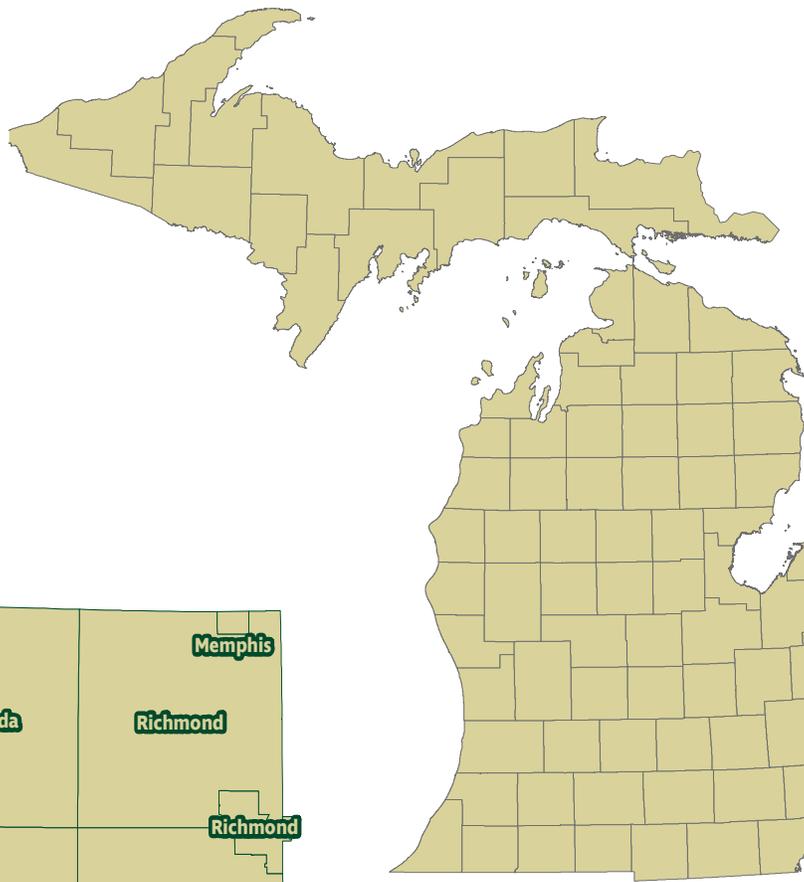
Recognizing the need to prepare a plan for park and recreation development, Macomb Township addresses the following in this 5-Year Recreation Plan:

1. Study the recreation needs of Macomb Township and to develop a set of policies and programs to meet these needs. The Township requests opinions from Township residents via newspaper, local advertising (REACH), and web surveys about community recreation needs.
2. Inventory existing recreation opportunities currently serving the Township residents.
3. State the goals and objectives of the plan.
4. Determine financing and develop a reasonable 5-year capital improvement program.
5. Prepare to submit applications for recreation funding opportunities like grants.

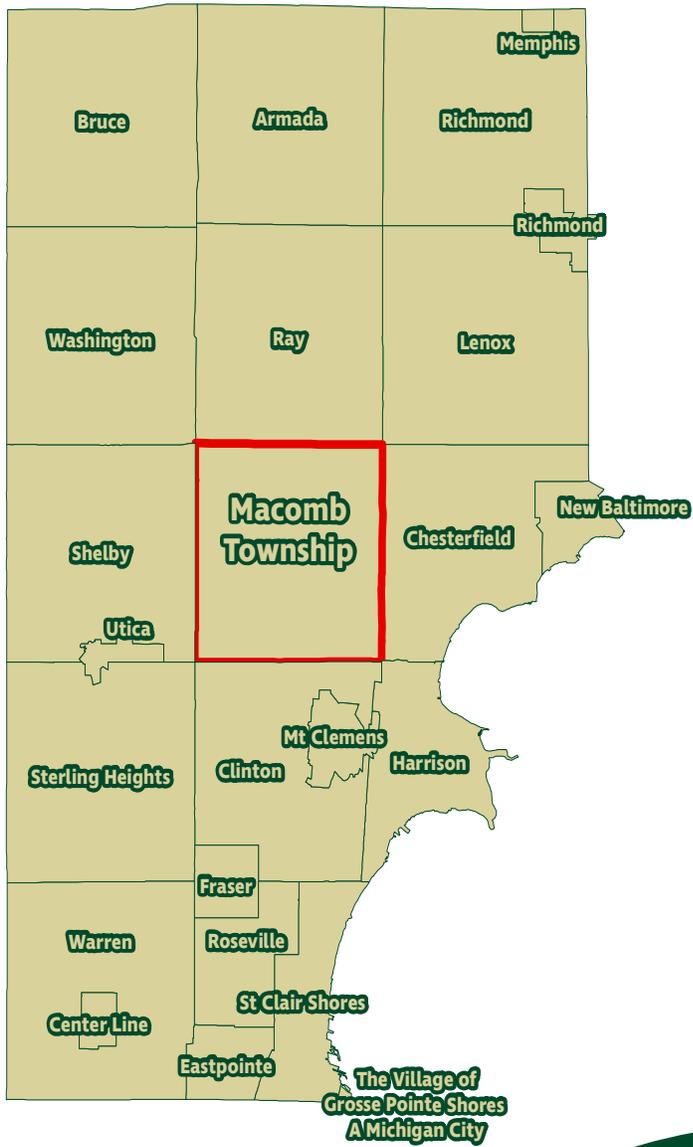
The Macomb Township 2018-2022 5-year Recreation Plan follows Michigan Department of Natural Resources guidelines by including the following sections:

1. Community Description;
2. Administrative Structure;
3. Recreation Inventory;
4. Resource Inventory;
5. Description of the Planning Process;
6. Description of the Public Input Process;
7. Goals and Objectives;
8. Action Program; and
9. Post-Completion Self Certification Reports.



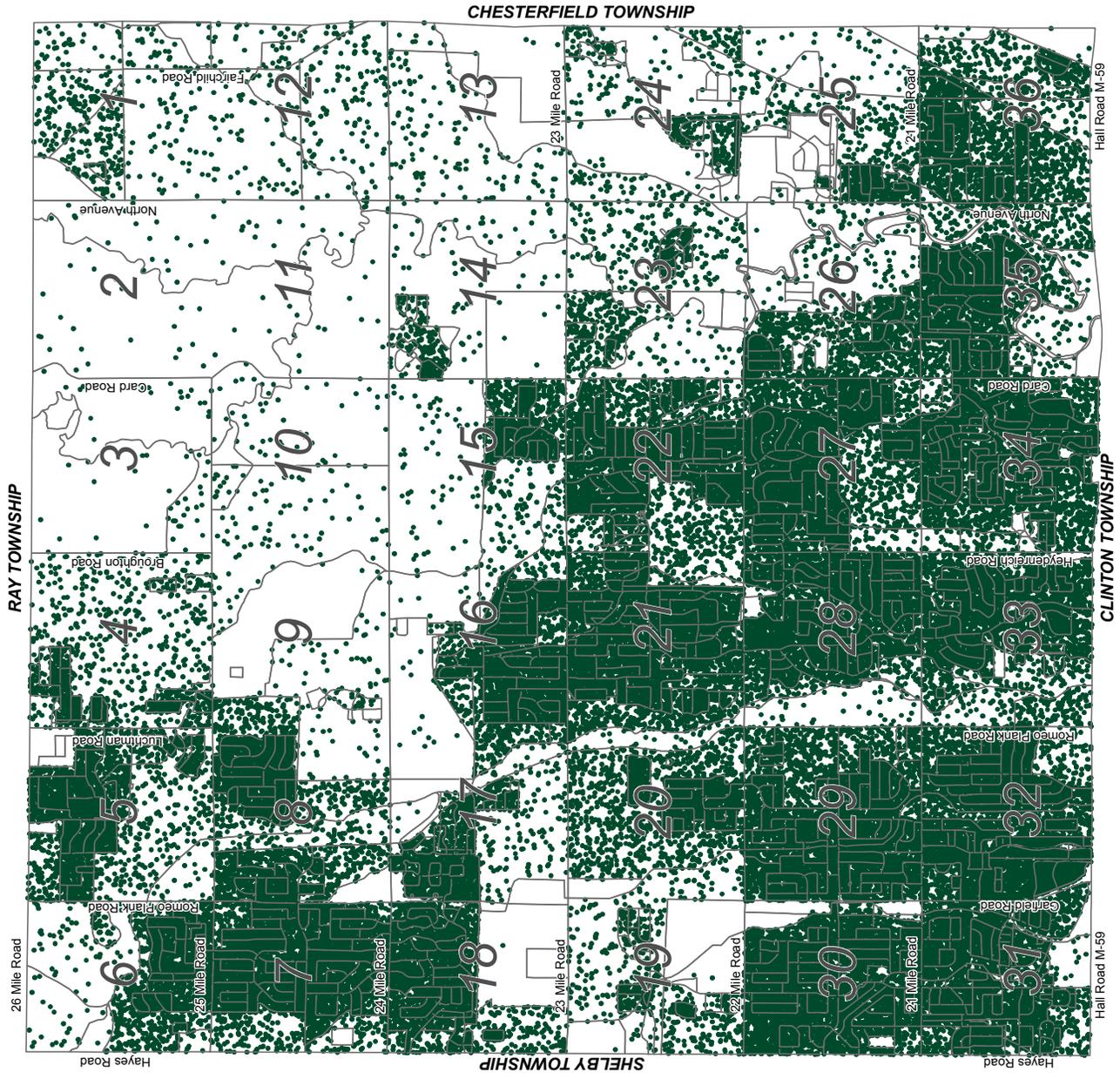


**Macomb
County**



Population Density 2010 Census

1 Dot = 1,00011807
POP10

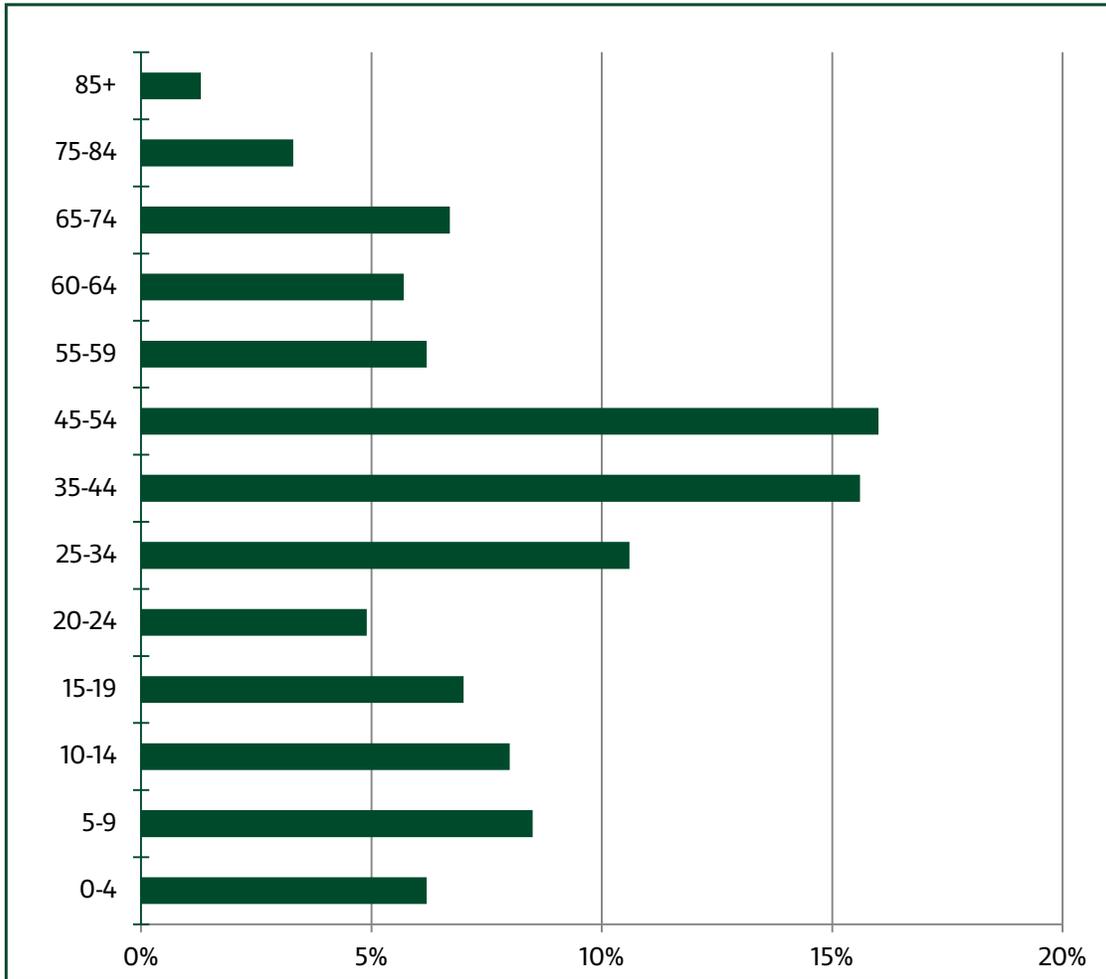


While this map is intended to be an accurate graphic representation, its accuracy is not guaranteed. Therefore, users should not rely on this map for legal purposes. Any conclusions or information derived from this map is at the user's sole risk. The State of Michigan, Macomb County, and Macomb Township provided data for this map.

DEMOGRAPHICS

The US Census and other data resources help us understand characteristics of the Township's entire population. We estimate Macomb Township's current population is roughly 88,000 people, an increase of approximately 34,500 , or almost 26%, over the last 17 years. About 30% of our residents are under 18 years old while about 10% are over 65. About 6% of our residents have a disability. Almost 10% of our residents were born outside the United States. The average household income in Macomb Township is over \$85,000. The majority of Macomb Township residents are highly educated and part of growing families. We believe that Macomb Township will continue to grow and increase in diversity.

AGE PYRAMID FOR MACOMB TOWNSHIP RESIDENTS - US CENSUS 2010



The development pressures faced by the Township make it even more vital to establish recreation programming and acquire new lands for parks, recreation, open spaces, and greenways because much of the available land is dedicated for future homes.





**MACOMB TOWNSHIP
MICHIGAN**
CENTER OF THE COUNTY

of the World

PEOPLE



POPULATION
86,951
SEMCOG, 2016



FAMILY SIZE
3.00
SEMCOG, 2016



MEDIAN AGE
37.4
SEMCOG, 2016



ELDERLY, 65<
9,475/11%
2011-15 ACS



YOUTH, <18
22,885/27%
2011-15 ACS



HOUSEHOLDS
26,591
2011-15 ACS

EDUCATION ATTAINMENT



HS GRAD/HIGHER
92.7%
2011-15 ACS



BACHELOR'S
15%
2011-15 ACS



GRAD/PROF
7.3%
2011-15 ACS



K-8 STUDENTS
12,099
2011-15 ACS



9-12 STUDENTS
5,531
2011-15 ACS



DNF HS
7.2%
2011-15 ACS

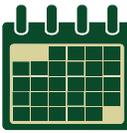
MACOMB HOMES



HOUSING UNITS
28,579
2011-15 ACS



AVG HOME VALUE
\$271,600
10/17 ZILLOW.COM



AVG TIME ON MKT
29 DAYS
10/17 REALTOR.COM



MONTHLY HOMEOWNER COST
\$1,683
2011-15 ACS



AVG RENT
\$1,800
10/17 ZILLOW.COM



TWP OPERATING
0.6717 MILLS
MACOMB TWP

INCOME AND QUALITY OF LIFE



AVG HOUSEHOLD INCOME
\$97,943
2011-15 ACS



PER CAPITA INCOME
86,951
SEMCOG, 2016



W/ HEALTH INS
95.6%
2011-15 ACS



AVG COMMUTE
31.3 Minutes
2011-15 ACS



UNEMPLOYMENT
2.3%
2017 BLS



\$13M NEW LIBRARY
2020

TOP INDUSTRY (SALES AND EMPLOYEES)



RETAIL
\$637,454,000
2,151 EMP



MANUFACTURING
\$564,871,000
2,055 EMP



CONSTRUCTION
\$189,586,000
1,065 EMP



HEALTHCARE
\$124,657,000
1,038 EMP



WHOLESALE
\$254,109,000
250 EMP



EDUCATION
\$3,826,000
1,619 EMP

INFO USA, MAY 2017

ANNUAL HOUSEHOLD SPENDING



APPAREL
\$2,576
AGS 2017



GROCERIES
\$5,420
AGS 2017



DINING OUT
\$4,303
AGS 2017



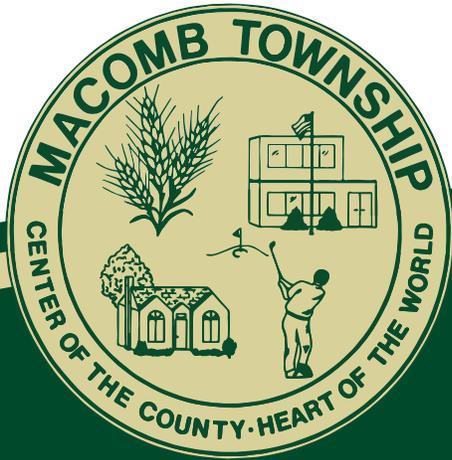
PERSONAL CARE
\$942
AGS 2017



HEALTHCARE
\$5,515
AGS 2017



HOME FURNISHINGS
\$2,618
AGS 2017M

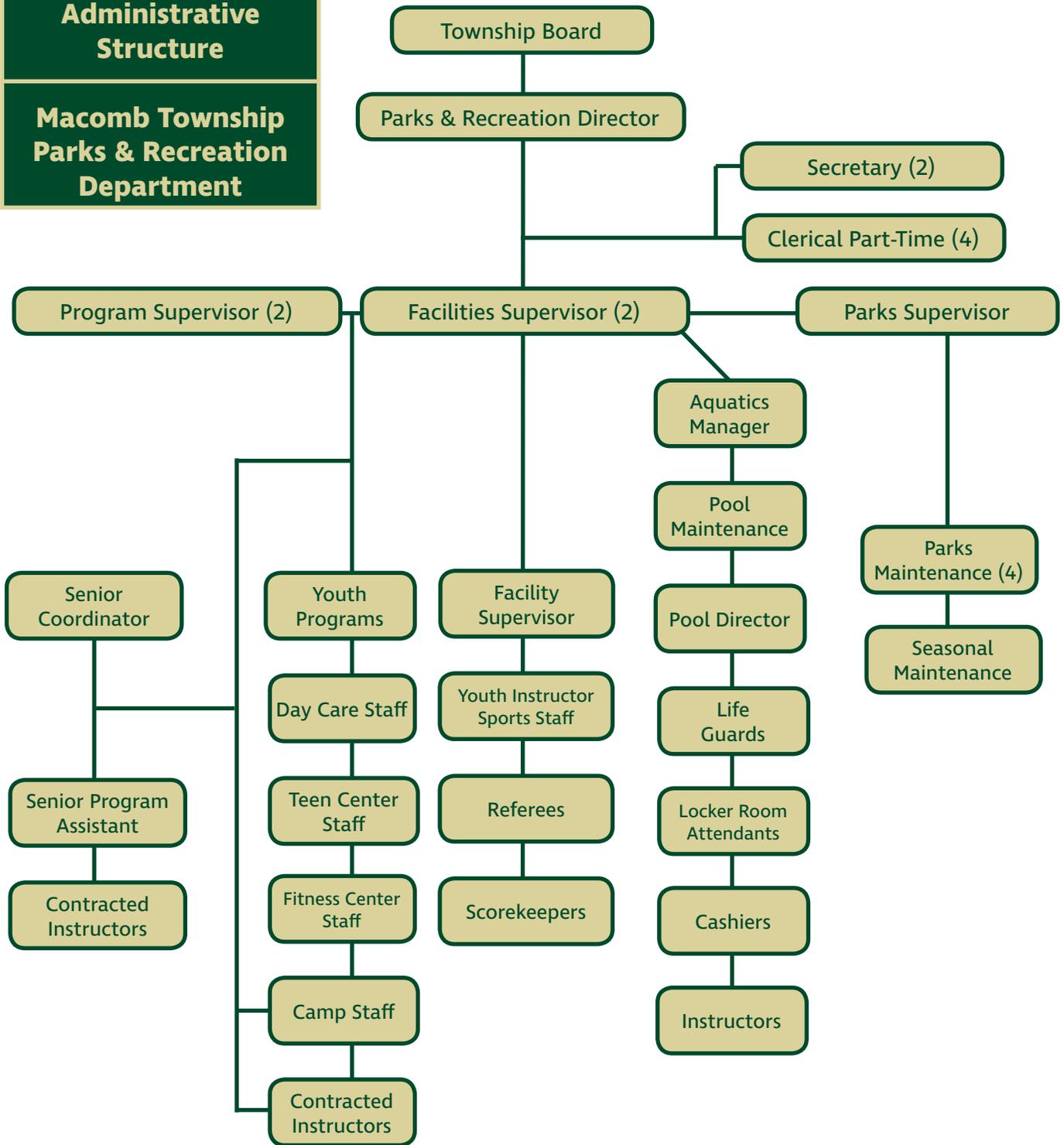


MACOMB TOWNSHIP

Chapter 2: ADMINISTRATIVE STRUCTURE

Administrative Structure

Macomb Township Parks & Recreation Department



ADMINISTRATIVE STRUCTURE

ROLES OF ADVISORY BOARDS

Township Board and Planning Commission

Different elected and appointed bodies share responsibility for recreation in Macomb Township. Elected representatives on the Township Board provide funding and oversight for Parks and Recreation. The Township Planning Commission frequently advises the Board regarding recreation planning activities. The Planning Commission and the Recreation Director collaborate on new park development and existing park enhancement to ensure consistency with adopted community-wide planning policies.

Parks and Recreation Department

The Parks and Recreation Director administers the staff, proposes the budget and is responsible for the day-to-day operations of the Township's parks and recreation programs. The Director is also responsible for the maintenance of all Township-owned buildings and grounds. An Administrative Assistant, Building and Grounds Maintenance worker, Facility and Aquatics Supervisor, Recreation/Sports Coordinator and Program Coordinator answer directly to the Director in each of the respective divisions.

ANNUAL AND PROJECTED BUDGETS FOR OPERATIONS, MAINTENANCE, CAPITAL IMPROVEMENTS, & RECREATION PROGRAMMING

The Township's annual budget for Parks and Recreation funding, is "to provide a comprehensive parks and recreation program for our residents. This includes, but is not limited to, a Recreation Center with aquatics, gymnasium and workout areas and instructional, athletic and passive programs for all ages. This fund is also used for special events geared primarily for families and park operations." The budget is separated into three functional categories, Administration, the Recreation Center, and Park Operations.

Administrative functions include day-to-day management and programming at all of the facilities. Recreation Center expenditures focus on the care and management of the Macomb Township Recreation Center. Opened July 19, 2004, this state-of-the-art 92,000 square foot facility has 2 pools (with water slide, a lazy river and other water features), two gymnasiums, aerobics room, complete workout area, an indoor running track, soft-play indoor playscape, child watch room, teen room, and two party rooms. Park Operations manage and tend the Township's 3 parks, totaling 126 acres.



CURRENT FUNDING SOURCES

The Parks and Recreation Department's primary funding source is a millage Township voters approved in 1996 for 1.0 mil for 5 years. Macomb Township residents renewed the 1.0 millage in 2002 for 20 more years. The Township partners with school districts or other communities and collects user fees to supplement budget appropriations. The July 2017 to June 2018 projected revenue for Parks and Recreation is **\$4,763,600**. Parks and recreation operations expenditures for the 17/18 budget year are \$2,657,951. The Township will make a debt payment of \$2,885,215. The total outlay for parks and recreation is \$5,543,166.

The Township created a Parks and Recreation Revolving Fund to provide future bond payments scheduled after the current Park and Recreation millage expires. The fund is set up for budget revenue since Macomb Township will pay from this fund until the year 2022.

ROLE OF VOLUNTEERS

The Township Parks and Recreation Department frequently engages community volunteers for larger events like the Picnic Palooza Series, the Music in the Park Summer Concert Series, and Movies Under the Stars.

RELATIONSHIPS WITH SCHOOL DISTRICTS, OTHER PUBLIC AGENCIES, AND PRIVATE ORGANIZATIONS

The Parks and Recreation Department cooperates with other organizations to expand the recreation programs available to Township residents. Our partner school districts are some of the Township's most important partners in providing recreation facilities and programs.

The Township depends on school buildings for youth gymnastics, youth basketball, the summer recreation program and adult volleyball. Scheduling Township use of these facilities is very important because of the constant demand for these gymnasiums and facilities. We contact each school district individually to assure continued cooperation. One significant property for Township acquisition or shared use is a portion of a 31.2 acre site that New Haven Schools owns adjacent to the Town Center properties in Section 10. A significant portion of this site is encumbered with wetlands that could enhance adjacent Township holdings.

The most exciting current development in enrichment and education programs in the Township is the Clinton Macomb Public Library's announcement in March, 2017 of an agreement to build a new North Branch in the Macomb Town Center. The new 25,000+ square foot facility more than doubles the size of an existing leased space on 24 Mile Road. Macomb Township will donate the land for the building, just as Clinton Township did for the Main Library. The new library will be located on the east side of the Town Center with the Recreation Center on the north and Town Hall on the west. We expect the new branch to break ground in 2018 with a grand opening in late spring 2020. The library addition to the campus will engage interpretive opportunities with surrounding natural areas.

The Township works with private recreation providers, including a golf driving range, roller skating rink, ice rink, dance studio, bowling alley, local golf courses and banquet halls to provide targeted recreation programs for Macomb Township residents.





Park and Recreation Fund – 208

Purpose

To provide a comprehensive parks and recreation program for our residents. This includes, but is not limited to, a Recreation Center with aquatics, gymnasium and workout areas and instructional, athletic and passive programs for all ages. This fund is also used for special events geared primarily for families and park operations

Activities

To perform the care and management of the Macomb Township Recreation Center which opened its doors on July 19, 2004. This state of the art 57,000 square foot facility offers 2 pools (with water slide, a lazy river and other water features), a gymnasium, aerobics room, complete workout area, running track, soft play indoor playscape, child watch room, teen room and a party room. On June 18, 2007 the Recreation Center opened its phase II expansion which includes a second gymnasium, improved and expanded workout facilities, an improved figure eight running track, an additional party room for a total of 92,000 square feet.

To provide a comprehensive recreation program to the residents of Macomb Township.

To perform the care and management of the townships three parks totaling 126 acres including the following:

Waldenburg Park is a developed park approximately 17 acres in size located on 21 Mile Road about ¼ mile east of Romeo Plank Road. It offers a children’s play area, picnic pavilions, basketball court, 2 sand volleyball courts, restrooms and a walking trail.

Macomb Corners Park opened in the summer of 2004. It is a 94 acre (35 developed) park site located on the north side of 25 Mile Road just east of Luchtman Road. The amenities of the park includes 2 soccer fields, 2 football fields, 3 lighted ball diamonds, inline skating rink, playscape, picnic pavilions and a rest room/concession building. The park is both an active park hosting sporting events, and an inviting location for family activities. In 2011 phase II of the park was opened and the amenities include 3 lighted ball diamonds, 3 soccer fields, 2 sand volleyball courts and a one mile walking path that encompasses the entire park.

Macomb TownCenter Park is a 15 acre park located on the south side of 25 Mile Road just west of Broughton Road. It is used for many community events, including summer concerts, Movie Under the Stars, children’s activities, sports camps and athletic events.





PARK AND RECREATION FUND

PARK AND RECREATION FUND SUMMARY

| | 2016 Actual | 2016/17 Budget | 2016/17 Projected | 2017/18 Budget |
|--|-----------------------|-----------------------|-----------------------|-----------------------|
| Revenues | | | | |
| Property Taxes and Fees | \$ 2,521,114 | \$ 2,565,000 | \$ 2,582,409 | \$ 2,640,000 |
| Charges for Services | 2,110,481 | 2,098,300 | 2,099,281 | 2,108,600 |
| Interest Income | - | 22,500 | 11,370 | 15,000 |
| Other | - | - | - | - |
| Total Revenues | \$ 4,631,595 | \$ 4,685,800 | \$ 4,693,060 | \$ 4,763,600 |
| Expenditures | | | | |
| Recreation and culture | \$ 2,568,543 | \$ 2,746,703 | \$ 2,449,047 | \$ 2,657,951 |
| Capital Outlay | - | - | - | - |
| Debt Service | - | - | - | - |
| Total Expenditures | \$ 2,568,543 | \$ 2,746,703 | \$ 2,449,047 | \$ 2,657,951 |
| Excess of Revenue Over (Under) Expenditures | \$ 2,063,052 | \$ 1,939,097 | \$ 2,244,013 | \$ 2,105,649 |
| Other Financing Sources (Uses) | | | | |
| Transfers In | \$ - | \$ - | \$ - | \$ - |
| Transfers Out | (2,763,300) | (2,808,100) | (2,707,800) | (2,885,215) |
| Debt Service | - | - | - | - |
| Total Other Financing Sources | \$ (2,763,300) | \$ (2,808,100) | \$ (2,707,800) | \$ (2,885,215) |
| Net Change in Fund Balances | \$ (700,248) | \$ (869,003) | \$ (463,787) | \$ (779,566) |
| Fund Balance, Beginning | \$ 4,596,076 | \$ 3,895,827 | \$ 3,895,827 | \$ 3,432,040 |
| Fund Balance, Ending | \$ 3,895,827 | \$ 3,026,824 | \$ 3,432,040 | \$ 2,652,474 |



Existing Township Parks

Waldenburg Park is a developed park approximately 17 acres in size. The park is on the north side of 21 Mile Road about ¼ mile east of Romeo Plank Road. Waldenburg Park has a children's play area, picnic pavilions, a basketball court, 2 sand volleyball courts, restrooms and a walking trail.

Macomb Corners Park opened in the summer of 2004. It is a 94 acre (35 developed) park site located on the north side of 25 Mile Road just east of Luchtman Road. The amenities of the park includes 2 soccer fields, 2 football fields, 3 lighted ball diamonds, in-line skating rink, playscape, picnic pavilions and a rest room/concession building. The park is both an active park hosting sporting events, and an inviting location for family activities. In 2011 phase II of the park was opened with amenities including 3 lighted ball diamonds, 3 soccer fields, 2 sand volleyball courts and a 1 mile walking path around the entire park.

Macomb Town Center Park is a 15 acre park located on the south side of 25 Mile Road, just west of Broughton Road. Macomb Town Center Park hosts many community events, including summer concerts, Movies Under the Stars, children's activities, sports camps and athletic events.



COMPARABLE COMMUNITIES' RECREATION FUNDING

Communities throughout Michigan offer different recreation opportunities. State and Federal resources are limited and restricted to capital expenditures. Ultimately, each community self-determines recreation facilities and programming by how much in taxes it is willing to pay. Communities can dedicate millages or appropriate general funds for recreation. Macomb Township splits expenditures between parks and recreation as shown on the previous pages.

Clinton Charter Township

Clinton Township operates several parks and a senior center. In 2017-2018 they budgeted \$335,000 for improvements in Prince Dewey Park. Expenditures for recreation are \$1,063,913 and senior programming are \$981,984 during the same budget year. Debt service is not an expenditure for parks and recreation in Clinton Township.

City of Sterling Heights

Voters in the City of Sterling Heights passed a 0.97 "recreating recreation" millage in November, 2016. Specific capital projects for the funding include a new community center, a permanent farmers' market, an ice rink, Clinton River canoe/kayak berths, and other improvements to all existing parks. The City also supports recreation with fees, SMART credits, and a generous transfer from general funds. The total outlay for recreation is over \$16M but this includes \$10M in capital expenses from a bond sale and \$3.1M in debt service to the recreating recreation bond.

Greater Romeo Washington Bruce Parks & Recreation Commission

This commission is funded with a dedicated millage in the three communities it serves. In 2016 the voters passed a 0.75 millage for parks and a 0.25 millage for transportation assistance through 2019. User fees also offset a portion of expenses.





MACOMB TOWNSHIP

Chapter 3:

RECREATION INVENTORY EXISTING PARKS, NATURAL AREAS AND RECREATION FACILITIES

RECREATION INVENTORY

EXISTING PARKS, NATURAL AREAS, AND RECREATION FACILITIES

INTRODUCTION & INVENTORY METHODOLOGY

Numerous recreation facilities provided by several different organizations are available to Macomb Township residents. Recreation providers include the State of Michigan, Huron-Clinton Metropolitan Authority, Macomb County, the Township, the School Districts, and various private businesses. Field surveys were conducted to collect Township Park inventory data. A description of regional and local opportunities are provided as follows:

State Parks and Recreation Areas

Eighteen (18) State parks and recreation areas are located in the seven-county southeast Michigan region. These parks have a combined area exceeding 75,000 acres and provide a wide range of day use facilities. Common recreation opportunities available at these sites include hiking, swimming, fishing, boating, picnicking, camping, cross-country skiing and snowmobiling, among others. No State parks or recreation facilities are located in Macomb Township. The only State park site in Macomb County is Wetzel State Park located in Lenox Township. Eight recreation facilities operated by the State are located to the west in Oakland County and are reasonably accessible to Township residents.

Regional Facilities

The Huron-Clinton Metropolitan Authority (HCMA) operates 13 regional recreation areas covering over 25,000 acres in southeast Michigan. These facilities offer a wide range of recreational opportunities including, but not limited to, picnicking, playgrounds, hiking, swimming, boating, sailing, fishing, golfing, court games, ropes courses, cross-country skiing, ice-skating and sledding.

Three HCMA parks are in Macomb County: Stony Creek Metropark in Washington Township; Lake St. Clair Metropark in Harrison Township; and Wolcott Mill Metropark in Ray Township.

Macomb County Parks and Recreation

Freedom Hill Park, located on the south side of Metropolitan Beach Parkway in Sterling Heights, is operated by the Macomb County Parks and Recreation Department. This 100± acre site has an events-orientation, featuring regularly scheduled festivals and concerts. A 10,000-square foot indoor recreation center is located on site. This building is available for group picnics, receptions, and other public purposes. The leases the Freedom Hill Amphitheater as a venue for lots of concerts and other community events during summer months. Other recreation activities at Freedom Hill include cross-country skiing, basketball and volleyball.

The County developed the Macomb Orchard Trail that travels across the entire northern portion of the County, extending from Shelby Township in the southwest to the City of Richmond at the northeast corner. The Metro Parkway trail parallels Metro Parkway (16 Mile) from Lake St. Clair Metropark to Schoenherr Road in the City of Sterling Heights. Non-motorized access for Township residents to the Macomb Orchard Trail and the Metro Parkway Trail are local priorities. Macomb County's Trailways Master Plan indicates a major north-south trail connection through Macomb Township. This arterial could connect the Town Center northward to Wolcott Mill Metropark and southerly to Freedom Hill Park and Lake St. Clair Metropark via the Metro Parkway Trail.



School District Outdoor Recreation Facilities

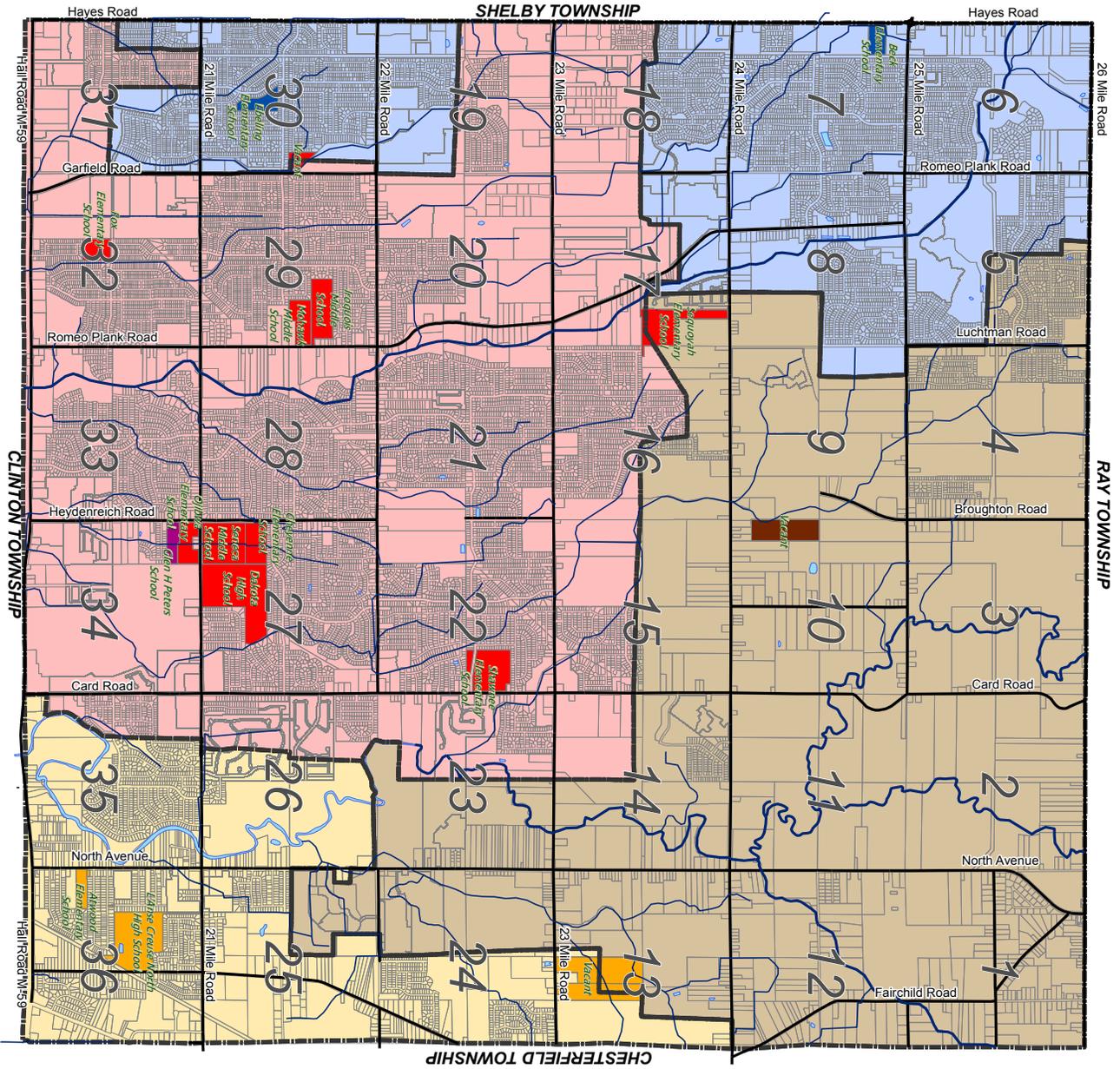
Four different school districts provide education services to residents in Macomb Township. Each of these school districts offer elective recreation and enrichment programs to the broader community. The Macomb ISD operates a facility, the Peters school, for pupils with moderate to severe cognitive impairments, in Macomb Township in addition to services they offer across the entire county.

Each school in the Township has some outdoor playgrounds and/or fields. School sites are not always available for community recreation activities therefore cannot be realistically be a part of the community's recreation inventory without formal collaboration agreements. School district owned properties occupy 531 acres of Macomb Township.

TABLE #2 TOWNSHIP SCHOOLS AND AMENITIES

| Schools | Outdoor Recreation Facilities |
|-------------------------------------|--|
| Chippewa Valley Schools | |
| Dakota High School | Ball diamond, turf field with track, and 3 soccer fields |
| Cheyenne Middle School | 2 ball diamonds, walking track, fitness area, 8 tennis course |
| Iroquois Middle School | 2 ball diamonds, fields, and a track |
| Ojibwa Elementary School | Playground and playscape |
| Fox Elementary School | 2 ball diamonds, 2 playscapes, and walking trail |
| Sequoia Elementary School | 2 ball diamonds, playscape, walking path, and basketball court |
| Mohawk Elementary School | 2 ball diamonds and a playscape |
| Shawnee Elementary School | 2 ball diamonds, 2 playscapes, and a walking path |
| L'Anse Creuse Public Schools | |
| L'Anse Creuse North High School | 2 ball diamonds and turf field with track |
| Atwood Elementary School | Ball diamond and playscape |
| Utica Community Schools | |
| Beck Elementary School | Playscape and open fields |
| Ebeling Elementary School | Ball diamond, open fields, and a playscape |





Macomb Township Schools & School Districts

Macomb Township School Districts

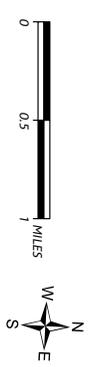
- Chippewa Valley Schools
- L'Anse Creuse Public Schools
- New Haven Community Schools
- Utica Community Schools

School District Owned Properties

- Chippewa Valley Schools
- L'Anse Creuse Public Schools
- Macomb ISD
- New Haven Community Schools
- Utica Community Schools

Other Data Layers Shown

- Macomb Township Parcels
- Significant Roads
- Rivers
- Drains and Streams
- Ponds



While this map is intended to be an accurate graphic representation, its accuracy is not guaranteed. Therefore, users should not rely on this map for legal purposes. As is the user's sole risk. The State of Michigan, Macomb County, and Macomb Township provided data for the map.

TOWNSHIP PARKS AND RECREATION FACILITIES

WALDENBURG PARK

Waldenburg Park is located on the north side of 21 Mile Road approximately 0.25 miles east of Romeo Plank Road.

Waldenburg Park is 17 Acres

Purpose: Community Park. Waldenburg Park functions as a community park. The Park focuses on community-based recreation needs and provides a natural preservation area with trail ways.

Service Area: MDNR's Appendix C of the "Guidelines For The Development of Community Park, Recreation, Open Space, And Greenway Plans" indicates a 3-mile radius as the service area for community parks. However, Waldenburg Park attracts residents and nonresidents well beyond a 3-mile radius because it connects to multi-use trails and sidewalks.

Type and # of Recreation Facilities (Assessment of Size, Quality, and Amount of Wear and Tear):

- Children's play area and universally accessible playscape
- Picnic pavilions
- The basketball court
- 2 sand volleyball courts
- Restrooms
- Walking trails

All of the fields and equipment in the park are built to nationally recognized standards with commercial grade structures. All of the fields and equipment are well-maintained and kept in excellent condition.



Site Development Plan for Waldenburg Park:

RECEIVED
SEP 4 1998

BRI
BRI CONSULTANTS
LANDSCAPE ARCHITECTS
PLANNERS & ENGINEERS
1000 W. 10th Street, Suite 100
Wichita, Kansas 67202
Tel: 316-261-1100

WALDENBURG PARK
MAGNOLIA TOWNSHIP
OVERALL SITE PLAN
REVISED 02.1998
THIS APPLICATION
NO. 2-5

PROPOSED FIELD AND TRAIL DEVELOPMENT
WATER EXIST: Miller Bryan, Cherry Creek
NO. 1000
NO. 1000
NO. 1000
APPLICANT: Roberts & Cooper, Inc.
DATE: Sept. 20, 1998



NOTE: THIS PLAN IS A PRELIMINARY PLAN. THE PROPOSED DEVELOPMENT IS SUBJECT TO THE APPROVAL OF THE CITY OF WICHITA AND THE KANSAS DEPARTMENT OF TRANSPORTATION.

NOTES

1. ALL UTILITIES SHOWN ARE BASED ON RECORD DRAWINGS AND FIELD SURVEY. THE CLIENT IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
2. ALL UTILITIES SHALL BE DEPTHS AS SHOWN ON RECORD DRAWINGS AND FIELD SURVEY. THE CLIENT IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
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WATER-BENCHMARK ELEVATION

| | |
|-------------|---------------------------|
| DATE | 2007 |
| BY | BR |
| DESCRIPTION | WATER-BENCHMARK ELEVATION |

SEE BENCHMARK ELEVATION

| | |
|-------------|-------------------------|
| DATE | 2007 |
| BY | BR |
| DESCRIPTION | SEE BENCHMARK ELEVATION |

UTILITY PROFILES

| | |
|-----------|-------|
| UTILITY | DEPTH |
| WATER | 4.00 |
| SEWER | 4.00 |
| STORM | 4.00 |
| ELECTRIC | 4.00 |
| TELEPHONE | 4.00 |
| CABLE | 4.00 |

STRUCTURE TABLE

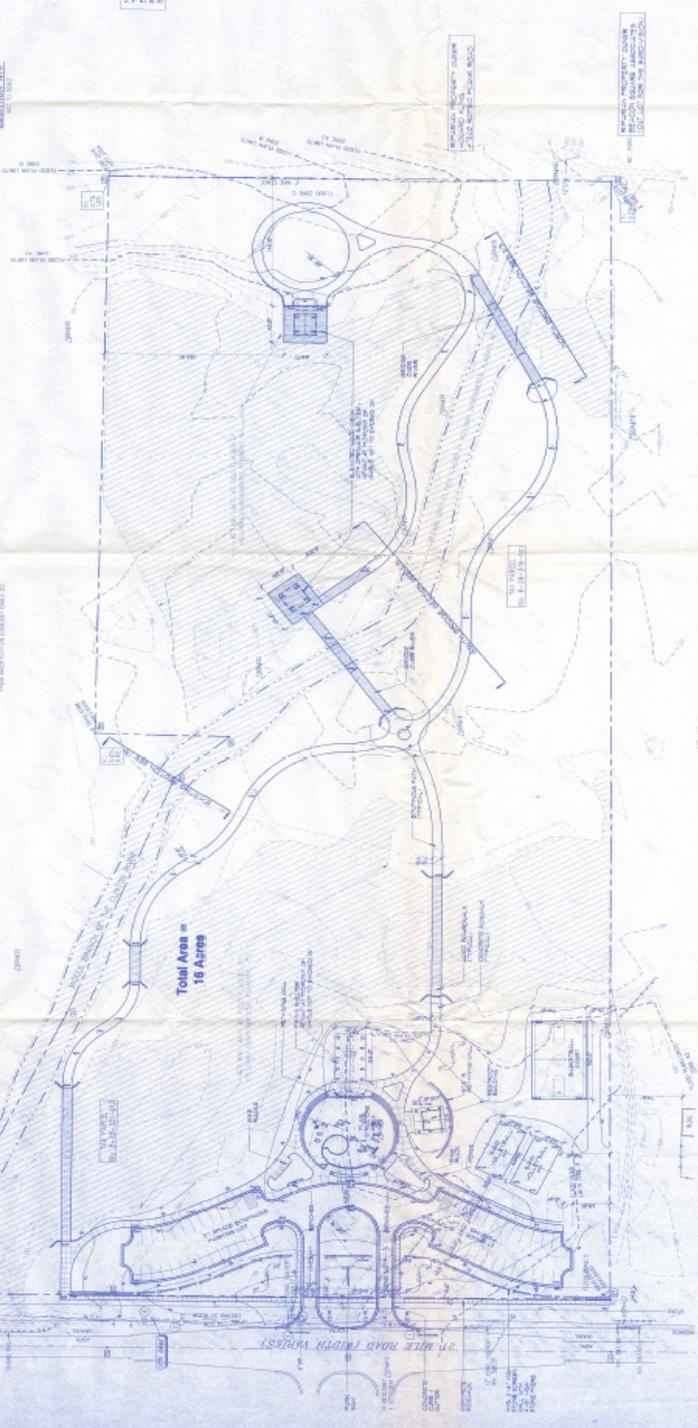
| | |
|-------------|------|
| STRUCTURE | AREA |
| 1. CONCRETE | 1000 |
| 2. BRICK | 1000 |
| 3. METAL | 1000 |
| 4. WOOD | 1000 |
| 5. STEEL | 1000 |
| 6. ALUMINUM | 1000 |
| 7. COPPER | 1000 |
| 8. BRASS | 1000 |
| 9. SILVER | 1000 |
| 10. GOLD | 1000 |

LOCAL CONDITIONS

1. ALL UTILITIES SHALL BE DEPTHS AS SHOWN ON RECORD DRAWINGS AND FIELD SURVEY. THE CLIENT IS RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.

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PROPOSED CHERRY TREE

1. 10' DIA. @ 10' HGT.

2. 12' DIA. @ 12' HGT.

3. 14' DIA. @ 14' HGT.

4. 16' DIA. @ 16' HGT.

5. 18' DIA. @ 18' HGT.

6. 20' DIA. @ 20' HGT.

7. 22' DIA. @ 22' HGT.

8. 24' DIA. @ 24' HGT.

9. 26' DIA. @ 26' HGT.

10. 28' DIA. @ 28' HGT.

11. 30' DIA. @ 30' HGT.

12. 32' DIA. @ 32' HGT.

13. 34' DIA. @ 34' HGT.

14. 36' DIA. @ 36' HGT.

15. 38' DIA. @ 38' HGT.

16. 40' DIA. @ 40' HGT.

PROPOSED LIGHT FIXTURES

1. 10' DIA. @ 10' HGT.

2. 12' DIA. @ 12' HGT.

3. 14' DIA. @ 14' HGT.

4. 16' DIA. @ 16' HGT.

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8. 24' DIA. @ 24' HGT.

9. 26' DIA. @ 26' HGT.

10. 28' DIA. @ 28' HGT.

11. 30' DIA. @ 30' HGT.

12. 32' DIA. @ 32' HGT.

13. 34' DIA. @ 34' HGT.

14. 36' DIA. @ 36' HGT.

15. 38' DIA. @ 38' HGT.

16. 40' DIA. @ 40' HGT.

PROPOSED PLANTING

1. 10' DIA. @ 10' HGT.

2. 12' DIA. @ 12' HGT.

3. 14' DIA. @ 14' HGT.

4. 16' DIA. @ 16' HGT.

5. 18' DIA. @ 18' HGT.

6. 20' DIA. @ 20' HGT.

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14. 36' DIA. @ 36' HGT.

15. 38' DIA. @ 38' HGT.

16. 40' DIA. @ 40' HGT.

PROPOSED TRAIL DEVELOPMENT

1. 10' DIA. @ 10' HGT.

2. 12' DIA. @ 12' HGT.

3. 14' DIA. @ 14' HGT.

4. 16' DIA. @ 16' HGT.

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13. 34' DIA. @ 34' HGT.

14. 36' DIA. @ 36' HGT.

15. 38' DIA. @ 38' HGT.

16. 40' DIA. @ 40' HGT.

PROPOSED CONSTRUCTION

1. 10' DIA. @ 10' HGT.

2. 12' DIA. @ 12' HGT.

3. 14' DIA. @ 14' HGT.

4. 16' DIA. @ 16' HGT.

5. 18' DIA. @ 18' HGT.

6. 20' DIA. @ 20' HGT.

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14. 36' DIA. @ 36' HGT.

15. 38' DIA. @ 38' HGT.

16. 40' DIA. @ 40' HGT.

Waldenburg Park



Circa 2013

Basketball Courts

Scenic Pathways



Circa 2013



Circa 2013

Universally Accessible Playscapes

Pristine Pavilions



Circa 2013



MACOMB CORNERS PARK

Macomb Corners Park is located on the north side of 25 Mile Road, east of Luchtman Road.

Macomb Corners Park is 95 Acres.

Purpose: Sports Complex / Community Park - Macomb Corners Park functions as a "sports complex" park that consolidates heavily programmed athletic fields and associated facilities to larger and fewer sites strategically located throughout the community as well as a community park that meets community-based recreation needs, as well as preserving unique landscapes and open spaces.

Service Area: Macomb Corners Park is strategically located to serve the entire community but also directly services several close neighborhoods and everyone else within 3 miles.

Type and # of Recreation Facilities (Assessment of Size, Quality, and Amount of Wear and Tear):

- 8 soccer fields that meet the MDNR suggested facility standards for size and clearance;
- 6 lighted baseball diamonds that meet the MDNR suggested facility standards;
- 2 volleyball courts that are 30' by 60' and have a clearance on the sides.
- In-line skating rinks do not have suggested MDNR standards, however, the Macomb Corners rink is well maintained.
- Universal playscapes, picnic pavilions, both restroom buildings, both concession buildings, and the walking paths through the park that access and connect various activities are kept in excellent shape with minimal wear. These amenities are universally accessible for people of all mobility ranges.

All of the fields and equipment in the park are built to nationally recognized standards with commercial grade structures. All of the fields and equipment are well-maintained and in excellent condition. Macomb Township ensures that Macomb Corners Park is easily accessible to the entire community, regardless of mobility impairment.



Macomb Corners Park

Fun, Themed, and Barrier-Free
Playscapes



Picnic Pavilions with BBQ's



Well-Stocked and Managed
Concession Building



6 Baseball Diamonds



MACOMB TOWN CENTER PARK

The Macomb Town Center Park is on the south side of 25 Mile Road, just west of Broughton Road.

The Town Center Park is about 15 acres.

Purpose: The Township hosts and sponsors a variety of community events at Macomb Town Center Park including children's activities, sports camps and athletic events. Although the park is only about 15 acres, it functions as a small sports complex because it shares parking with the Recreation Center and consists of 4 football fields.

Service Area: Macomb Town Center Park consolidates heavily programmed athletic fields and associated facilities to a centrally located site that services the entire Township.

Type and # of Recreation Facilities (Assessment of Size, Quality, and Amount of Wear and Tear):

- Four (4) football fields

Macomb Town Center Park has an unpaved parking lot accessible from 25 Mile Road, however, paved parking for the Recreation Center provides overflow parking for the facility. The fields have relatively new goal posts, are well-groomed, and maintained. Improving the parking area and installing accessible paths with spectator areas around the fields are future improvements that compliment existing park functions.



MACOMB TOWNSHIP RECREATION CENTER

Macomb Township's Recreation Center is on the west side of Broughton Road just south of 25 Mile Road. The Recreation Center adjacent to the Township Hall.

The 92,000 square foot facility sits on about 8 acres in the Macomb Town Area Campus.

Purpose: The Recreation Center is used for many community events, in addition to the services offered to its members.

Service Area: Macomb Town Center Park consolidates heavily programmed athletic fields and associated facilities to a centrally located site that services the entire Township.

Type and # of Recreation Facilities (Assessment of Size, Quality, and Amount of Wear and Tear): The Recreation Center contains only commercial-grade recreation furnishings and amenities. All of the equipment is relatively new and well maintained. The facility includes:

- 2 Gymnasiums w/2 full basketball courts or 4 "mini" basketball courts;
- 2 aerobic dance studios;
- Complete workout area;
- Indoor water park featuring two pools, water slide, lazy river and hot tub;
- Family-friendly changing areas, men & woman's locker & shower rooms;
- Soft play indoor playscape;
- Teen game room;
- Party rooms;
- Figure eight indoor running track; and
- An outdoor sun deck.

The Township built the Recreation Center in 2004 and expanded it in 2007. The Center is in excellent condition and impeccably maintained. The Center has a fitness center, 2 gymnasiums, 3 birthday party rooms, 2 aerobics rooms, an indoor playground, meeting space, a feature pool, an activity pool, a lazy river, water slide and a hot tub. Center employees pride themselves in providing a safe, clean, family-friendly environment. The Center is visited by several hundred people daily and several hundred thousand people annually.

The Macomb Township Recreation Center contains the Macomb Township Parks and Recreation Department offices and hosts many special events throughout the year.

An active membership or daily admission pass is required for both Macomb Township residents and non-residents to enter the facility and use the amenities. There are several membership options to choose from; such as monthly and annual memberships, along with trial and summer memberships.



MACOMB TOWNSHIP PARKS ACCESSIBILITY ASSESSMENT

The passage of the American Disabilities Act of 1990 (ADA) requires all areas of public service, including parks and other recreation facilities, to have barrier-free accessibility.

We evaluated all facilities to see if a person with any of the following conditions can safely and independently access and use the park or facility

- Has limited sight or is blind
- Uses a wheelchair
- Has difficulty hearing or is deaf
- Uses a walking aid
- Has a mental disorder

We used a 5-point evaluation system to rank each facility's accessibility, as described below. The applicable accessibility ranking can be found following the description of each park and facility.

Level 1. The park is not accessible to people with a broad range of physical disabilities. The site includes few paved areas and the facilities such as play equipment or picnic areas are not easily accessible.

Level 2. The park is somewhat accessible to people with a broad range of physical disabilities. Either the parking area or pathways are paved, but not both. Many of the facilities such as play equipment or picnic areas are not easily accessible.

Level 3. The park is mostly accessible to people with a broad range of physical disabilities. Most of the parking areas and pathways are paved, and some of the facilities such as play equipment or picnic areas are accessible but may be completely barrier-free.

Level 4. The park is completely accessible to people with a broad range of physical disabilities. Parking areas and pathways area paved, and most of the facilities such as play equipment or picnic areas area easily accessible.

Level 5. The entire park was developed or renovated using the principles of universal design, a design approach which enables all environments to be usable by everyone, to the greatest extent possible, regardless of age, ability, or situation.



Waldenburg Park - LEVEL 5

Waldenburg Park is modernized and maintained annually. This park's paved parking lot was designed for handicap accessibility. A handicap accessible pathway connects the parking lot to the remainder of the park with a scenic passageway through the heavily forested northern portion of the park. The park features universally accessible restroom facilities and a universal design children's playscape.

Macomb Corners Park - LEVEL 5

Macomb Corners Park is designed for barrier-free accessibility. The facility is primarily a regional sports center, so the use of some of the facilities by handicapped persons may be limited dependent upon the disability. For the most part, the park, like Waldenburg Park, is very modernized and well-maintained. As such, most of the park is handicap accessible.

Macomb Town Center Park - LEVEL 1

This park is rather rustic and in its beginning from a development standpoint. It currently services the needs of the Township for primarily football. The parking lot is not paved and pathways do not currently exist. Pathways are currently planned for around the pond. A paved parking lot exists behind the Recreation Center to the south and this area will soon be developed with pathways around the pond that is located just south of the park.

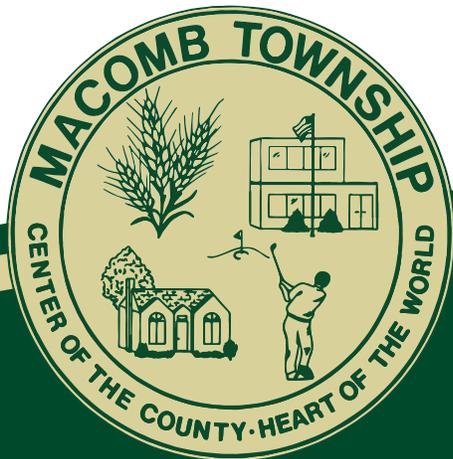
Macomb Recreation Center - LEVEL 5

The Macomb Recreation Center is a state of the art facility. It is fully accessible and the Township will continue to create accessible uses as such improvements present a need or service.

PREVIOUS GRANT ASSISTED PARKS AND RECREATION FACILITIES

The Township received an acquisition grant to help buy the land for Macomb Corners Park. The land was acquired, developed into the park it is today, and the grant was closed. This park is an award winning park for design and very popular with local soccer and ball clubs.





MACOMB TOWNSHIP

Chapter 4:

RESOURCE INVENTORY



RESOURCE INVENTORY

Recreation in natural settings nourishes us spiritually, emotionally, and physically. Our technology driven lives challenge us to maintain a perspective of our role in the natural world. Nature has a significant value in all developments, however, no connection is more special than with parks and recreation. We need to examine our natural features to so we offer residents high quality opportunities that deepen their engagement with nature as a part of the Township's recreation portfolio. Wahlberg and Macomb Corners Parks are superlative examples of integrating interpretive occasions in natural settings, even adjacent to active park spaces.

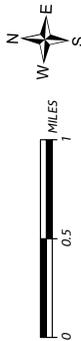
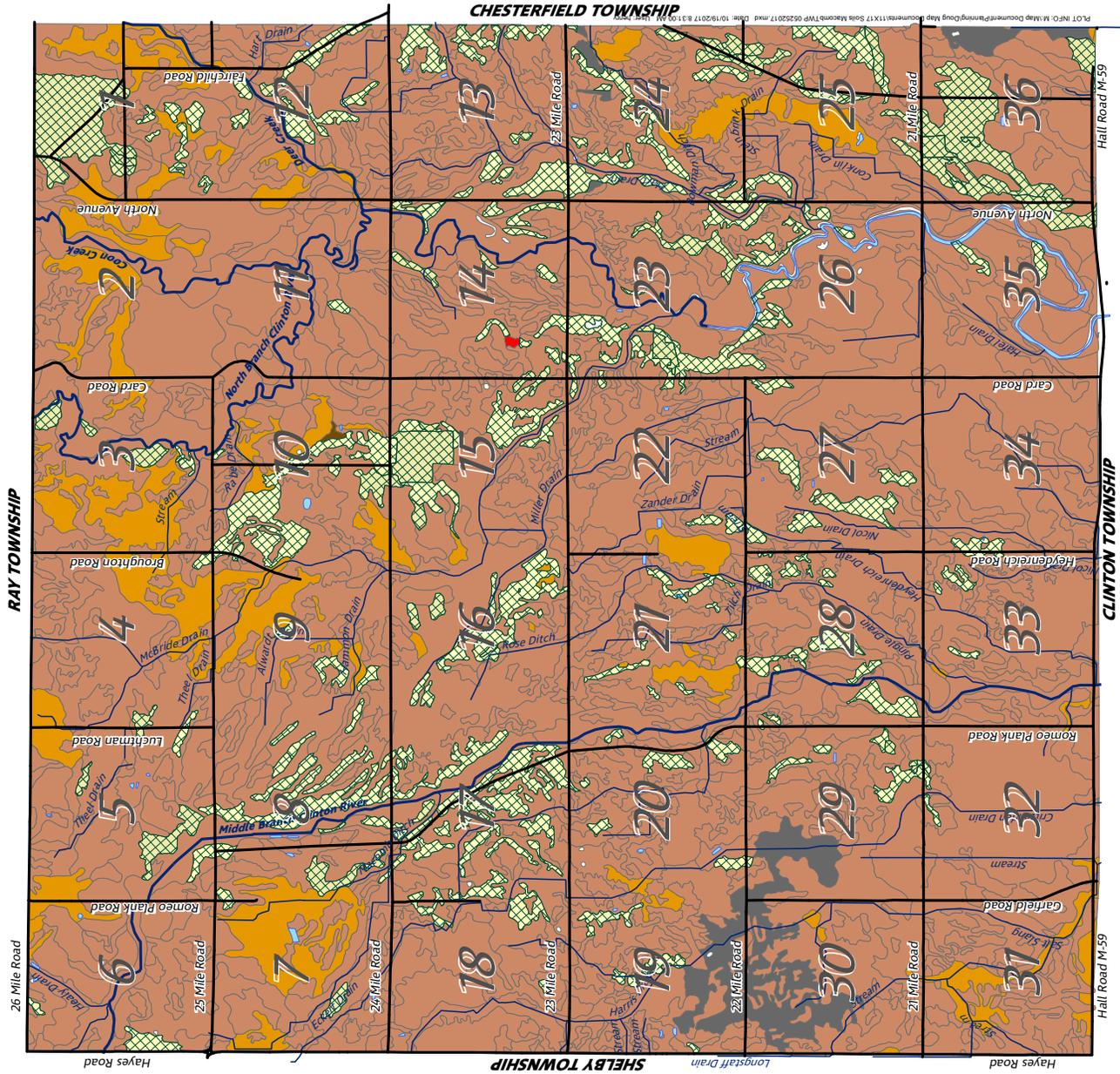
Our resource inventory identifies classes of natural features that we can study from available data. After we describe the features, we investigate their significance for the broader community and specific areas of Macomb Township. Once we establish what the features are and why they are important, we will better understand how they influence land use planning and specifically parks and recreation facilities. The environmental resource composite give us a complete picture of the opportunities these features provide.

The conclusion of this section summarizes the important parts of this analysis and relates it in the context of both user benefit and opportunities for outside funding assistance. We then take those user benefits and align them to address this plan's goals with physical projects. The final part of the planning process (before public hearing and adoption) is to organize potential projects into a 5-year action program. The Michigan Natural Resources Trust Fund, the largest resource of outside funding, scores and prioritizes projects in part according to the access and enhancement they provide certain natural features so we should be mindful of project eligibility. Ultimately, the availability of outside funding influences how aggressively the 5-year program moves forward.



Generalized Soils

-  Excessively Drained
-  Well Drained
-  Poorly Drained
-  Very Poorly Drained
-  Muck
-  Filled
-  Landfill
-  Suitable for Septic
-  Significant Roads



While this map is intended to be an accurate graphic representation of the soil conditions in Macomb Township, the user should not rely on this map for any conclusions or information derived from this map as it is the user's sole risk. The State of Michigan, Macomb County and Macomb Township provided data for this map.

RAY TOWNSHIP

CHESTERFIELD TOWNSHIP

CLINTON TOWNSHIP

26 Mile Road

Hayes Road

SHELBY TOWNSHIP

Hall Road M-59

GENERALIZED SOILS

What are soils?

Soil taxonomy is the accepted standard system for interpreting the soil surveys. There is an amazing body of scientific work about soil taxonomy. Committees of scientists debate how soil properties lead to groupings. These properties include but are not limited to, particle size, chemical composition, plant growth, etc. In spite of this rigorous identification system, we will reference soils according to whether they are sand, silt, clay, or loam. Sand, silt, and clay are distinguished by particle size, however, loam includes organic material and incorporates texture into the typology.

After we look up the characteristics of each particular type, we reclassify them based on how well they drain water for this discussion. 'Soil's traditional meaning is as a natural medium for growing plants. People understand soil supports plants that supply food, fibers, drugs, and other wants of humans and because it filters water and recycles wastes. The primary understanding translates to 'How well will plants grow in a park and how will we filter stormwater or wastewater at the park?'

Where do we get the soils data?

We get our soils data from the US Department of Agriculture's published soils surveys. The first Macomb County soil survey occurred in 1928 and was subsequently updated in 1971. Today the USDA continuously updates the soil surveys as new information becomes available. Soil types across the northern part of Macomb County, and in extension the northern third of the Township, are supportive of agriculture.

How do soil types affect this Plan?

Macomb Township soils, in general, are poorly drained loam and clay layers. Only 2,651 acres, about 11% of the Township's total land, across the community drain well enough to support private septic systems. This small amount of usable soil meant that the Township must provide sanitary sewer and water service to all new developments. Even the most rustic park developments in Macomb Township will need restrooms connected to public sewers and running water from municipal lines. Depending on the site, the Township should also include low impact development techniques in park plans so that stormwater is handled as naturally as feasibly possible. Low impact development is required to obtain most outside funding resources.



FLOODPLAINS

What are floodplains?

The Federal Emergency Management Agency is responsible for designating floodplains through the National Flood Insurance Program. A floodplain is an area of land adjacent to a stream or river that stretches from the banks of its channel to the base of the enclosing valley walls and experiences flooding during when it rains a lot. The most important characteristic of a floodplain is the volume of water it collects, not the area of land the floodplain occupies. Flooding is the most common and costly natural disaster, causing millions of dollars in damages annually. In August and September of 2014 severe flooding caused hundreds of millions of dollars in damages to dwellings and businesses in Macomb, Oakland, and Wayne Counties.

Where do we get the floodplains data?

The National Flood Insurance Programs provides maps showing floodplains because it offers flood insurance to properties located in those places. FEMA adopts the maps after a public process and the last time they were updated in Macomb Township was 2006. If property owners disagree with floodplain designations, then there is a process to amend the designation.

How do floodplains affect this Plan?

4,861 acres, or 21 %, of Macomb Township are within a FEMA designated floodplain. 788 acres, 3.4% of total Township lands, are susceptible to a 500-year flood (0.2% annual chance). A 500-year event is the event least likely to impact any areas that may flood. 4,073 acres, 17.5% of the Township's land area, lies within a 100-year (1% annual chance) floodplain. Also known as the base flood, the 100-year flood is the most common kind of flooding event. Within the 100 year floodplain there are 1,099 acres of floodway. The floodway is the channel of a stream plus any adjacent floodway areas that must be kept free of any encroachment so that the water in a 100-year flood is kept within the floodplain.

Developments in the southern 2/3 of Macomb County, first for agriculture then eventually for suburban communities, filled in the vast majority of Clinton River floodplains. This destruction of stormwater management capacity necessitates a regional focus to preserve flood capacity in upstream undeveloped areas. Macomb Township preserves floodplain volume as part of our development review. We expect any park development, particularly any lands in the 100-year floodplain, to maintain or expand flood storage capacity. DNR grant programs prioritize access to water, therefore it is likely that competitive acquisition grant prospects and park development projects will contain floodplains.



Water Bodies & Watersheds

Rivers, Drains, Streams, & Ponds

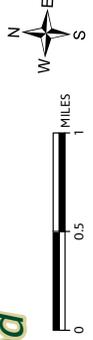
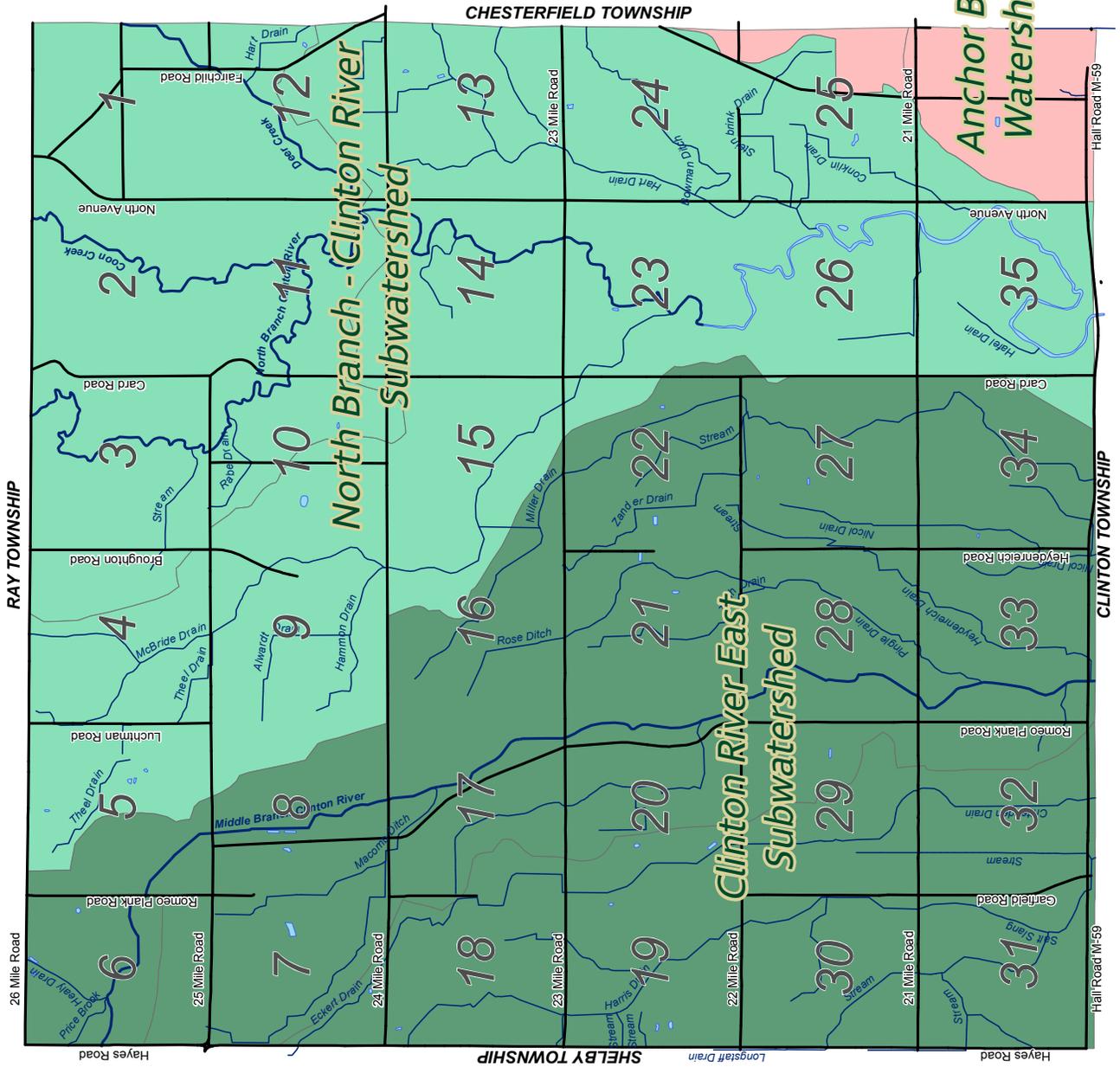
-  Rivers
-  Drains and Streams
-  Ponds

Macomb Township Watersheds

-  Anchor Bay Watershed
-  North Branch - Clinton River Subwatershed
-  Clinton River East Subwatershed

Other Data Layers Shown

-  Significant Roads



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WATER BODIES & WATERSHEDS

What are water bodies and watersheds?

There are many different terms and systems for classifying surface waters. We need to only focus on the basic names because our planning activity is broad. We usually only name rivers, streams, creeks, etc. If water flows through them year round. Rivers are the largest with 'creeks' generally the next largest followed by streams and brooks. The Macomb County DPW probably has a responsibility to maintain anything called a drain. We only name lakes in Michigan if they are greater than 5 acres, but we don't have any ponds over 2 acres in Macomb Township.

A watershed is an area of land that drains all the streams and rainfall to a common outlet such as the outflow of any point along a stream channel. The vast majority of the Township is in the Clinton River watershed, split specifically between two subwatersheds.

Where do we get the water bodies and watershed data?

The State of Michigan provides geographic framework data for bodies of water. The Township relies on the Clinton River Watershed Council for our watershed planning and improvement activities under existing federal laws.

How do water bodies and watersheds affect this Plan?

No large lakes exist in Macomb Township, in fact, there are only about 16 acres of open water divided between 36 small ponds. Our 33 miles of linear waterways are fairly evenly split between the North and Middle branches of the Clinton River or major tributaries, drains managed by the Macomb County Department of Public Works, and unnamed small creeks and brooks. Both Clinton River Branches run north to south across the Township, crossing Hall Road to the south. These significant waterways impair east-west road connectivity.

Management of the 2 significant watershed areas, the Clinton River East Subwatershed that sends water to the Middle Branch and the North Branch Clinton River Subwatershed, is coordinated through the Clinton River Watershed Council. Formed in 1972 as an association of local governments under the auspices of the Local Rivers Management Act of 1964, then reincorporated as a non-profit in 1994, the CRWC coordinates the efforts of local governments, businesses and community groups to improve water quality and celebrate the value of the Clinton River as a natural and recreational resource. Promoting and enhancing recreation are integral to natural features and resources management and can make additional federal, state, and county funding opportunities available for certain parts of park acquisition or development. Specific activities and improvements are recreation programming, riparian parks, canoe/boat landings/access sites, fishing restoration, and trails & observation decks.



WETLANDS

What are wetlands?

Michigan's wetland statute, Part 303, Wetlands Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended, defines a wetland as "land characterized by the presence of water at a frequency and duration sufficient to support, and that under normal circumstances does support, wetland vegetation or aquatic life, and is commonly referred to as a bog, swamp, or marsh." The definition applies to public and private lands regardless of zoning or ownership.

Most people are familiar with the cattail or lily pad wetland found in areas with standing water, but grassy meadows, shrubby fields, or mature forests can also be wetlands. Many wetland areas have only a high ground water table and standing water may not be visible. Types of wetlands include deciduous swamps, wet meadows, emergent marshes, conifer swamps, wet prairies, shrub-scrub swamps, fens, and bogs.

Where do we get wetlands data?

National Wetland Inventory maps, prepared by the U.S. Fish and Wildlife Service through interpretation of topographic data and aerial photographs. These maps help the Township and the State of Michigan DEQ identify potentially regulated wetlands.

How do wetlands affect this Plan?

Wetlands in Macomb Township are usually close to a Clinton River branch or one of their smaller tributaries. If present, federally regulated wetlands may reduce development outcomes for properties. Strategies for dealing with wetlands include avoidance, minimization, and mitigation. Wetlands also offer valuable opportunities for public education. Preserving and enhancing wetlands while creating interpretive opportunities at appropriate park developments is a key part to securing grant funding.

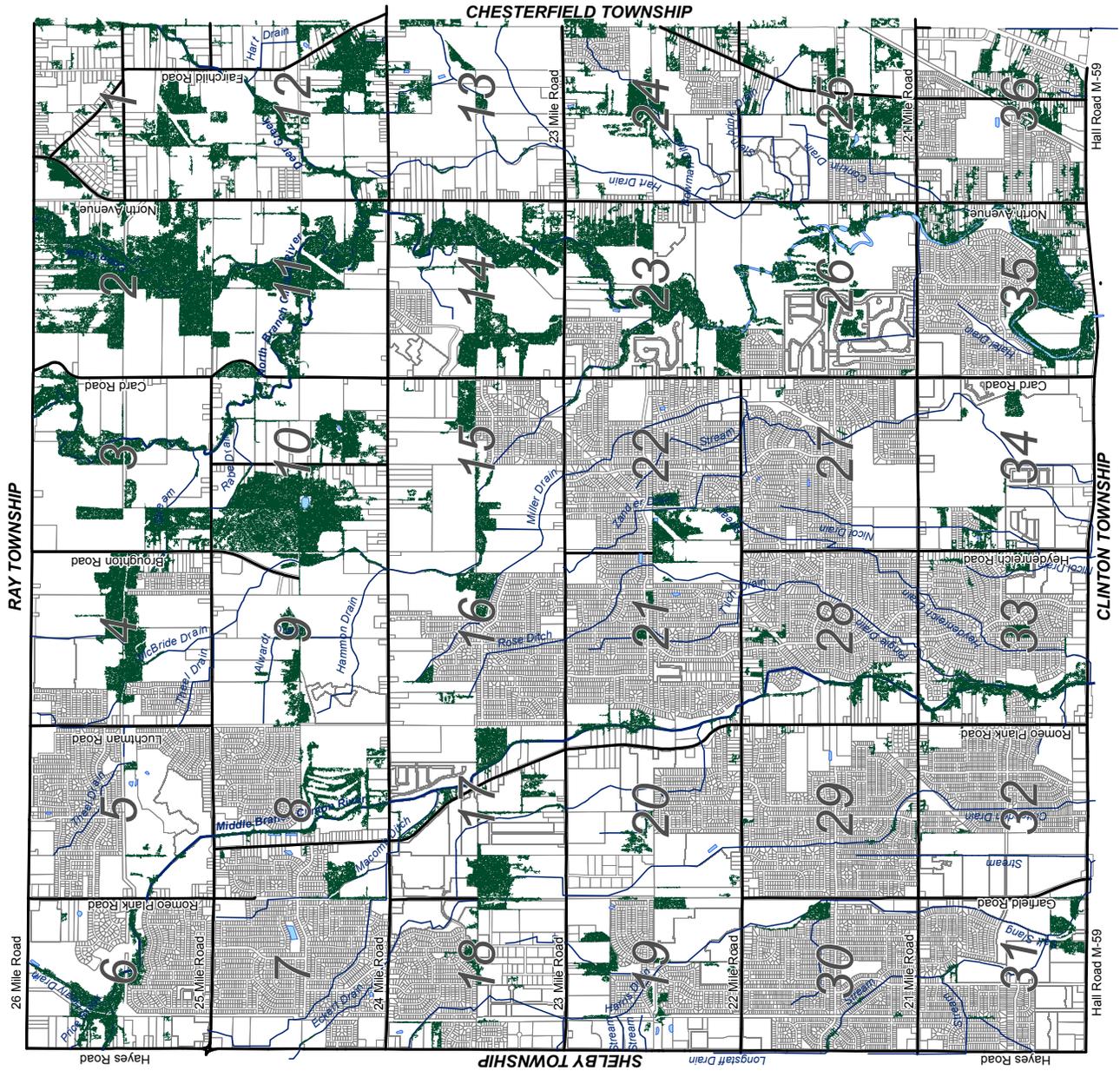


Woodlands Over 1/2 Acre

Contiguous Woodlands Over 1/2 Acre

Other Data Layers Shown

-  Rivers
-  Drains and Streams
-  Bodies of Water
-  Significant Roads
- Macomb Township Parcels



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WOODLANDS

What are woodlands?

Woodlands are located primarily in the eastern 1/3 of the Township and along waterways in the more developed areas. There are almost 400 woodlots greater than 0.5 acres, totaling nearly 3,000 acres or just less than 13% of our community. Woodlots offer excellent value to passive recreation facilities for picnicking, hiking, and nature preserves. Woodlands are essential for all development because forested areas process more stormwater runoff than similar lands without trees, are more aesthetically pleasing, and have higher land value.

Where do we get woodlands data?

Macomb County and the Southeast Michigan Council of Governments (SEMCOG) identified that Macomb County underwent significant deforestation during post WWII suburbanization. The County and SEMCOG analyzed aerial photography and produced GIS data that identifies continuous tree canopy. We believe that canopy greater than 0.5 acres is significant enough for our analysis.

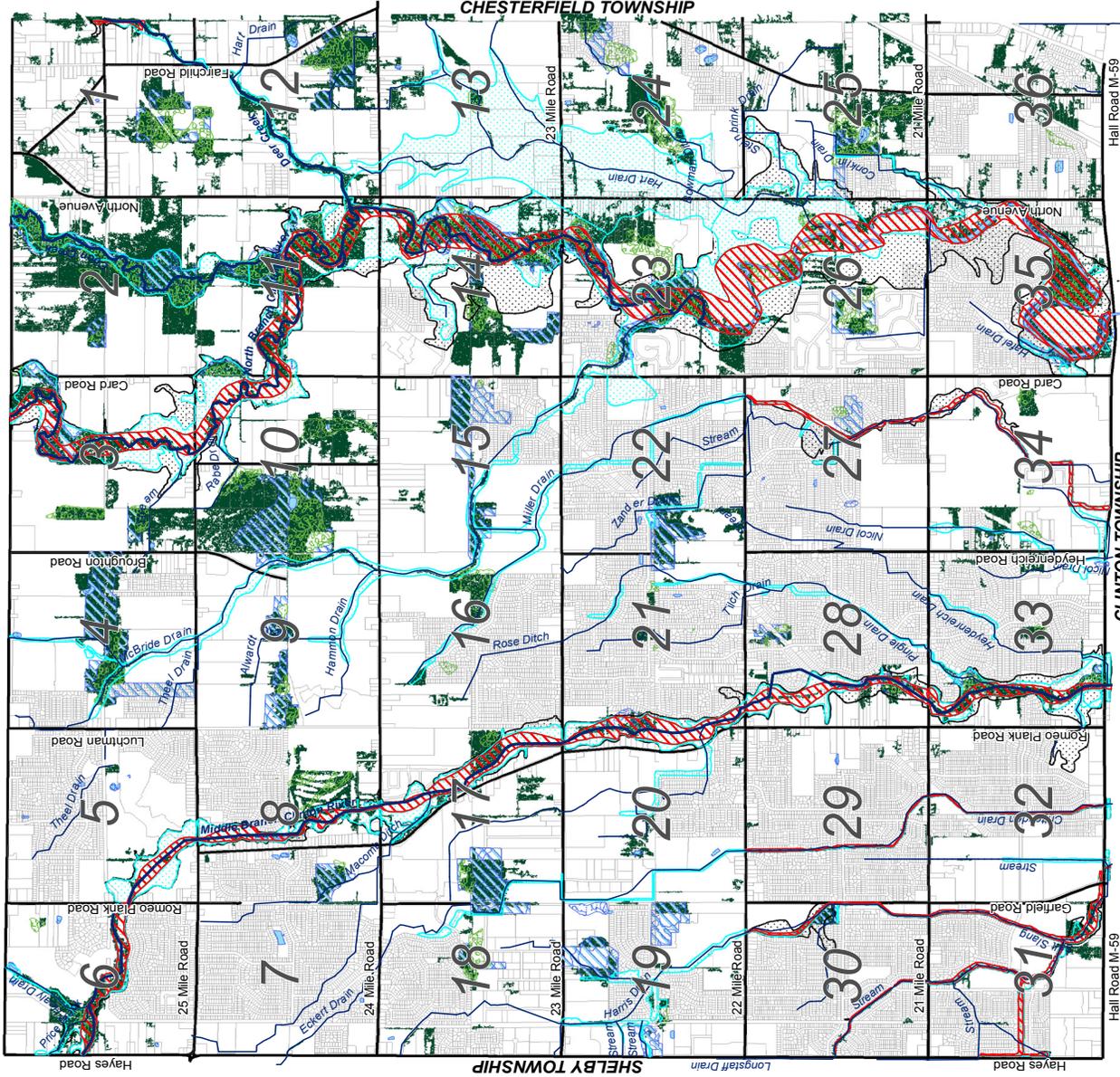
How do woodlands affect this Plan?

Macomb County, particularly along the Clinton River and its branches, is a targeted area to increase urban tree canopy. These targeted areas have the lowest percentage of tree canopy area, highest population density, oldest infrastructure, and most impacted watershed areas in the Macomb County. Tree loss was exacerbated by decades of Dutch Elm Disease, Emerald Ash Borer devastation, and suburban style development. This area particularly needs an extensive and well-managed urban forest that provides cleaner air and water, flood control, reduced energy usage, public health improvement, aesthetics, property value increases and a better quality of life.

Macomb County and partners like the US Forest Service and the Michigan Department of Natural Resources provide tools and funding to replace or conserve urban forests in conjunction with some projects or provide materials to homeowners. The Township may have opportunities with park development and enhancement to engage the urban forestry partnerships and increase tree canopy coverage in the community.



RAY TOWNSHIP



Composite Environmental National Wetlands Inventory

- Forested
- Emergent
- Scrub-Shrub
- Open Water/Unknown Bottom
- Unclassified

Flood Insurance Rate Map Data

- Floodway Areas in the 100-Year Floodplain
- 100-Year Floodplain
- 500-Year Floodplain

Rivers, Drains, Streams, & Ponds

- Rivers
- Drains and Streams
- Ponds

Other Data Layers Shown

- Significant Roads
- Woodlots Over 0.5 Acres
- Macomb Township Parcels



While this map is intended to be an accurate graphic representation, its accuracy is not guaranteed. Therefore, any conclusions or information derived from this map is at the user's sole risk. The State of Michigan, Macomb County, and Macomb Township provided data for this map.

TOPOGRAPHY

The topography of Macomb Township may be characterized as generally flat with only 45 feet difference between the high elevation of approximately 640 feet and the low elevation of approximately 595 feet recorded. All of Macomb County has relatively level terrain with the exceptions of portions of Shelby, Washington and Bruce Townships. The Lake St. Clair shoreline has a recorded elevation of 575 feet above sea level.

ENVIRONMENTAL RESOURCES COMPOSITE SUMMARY

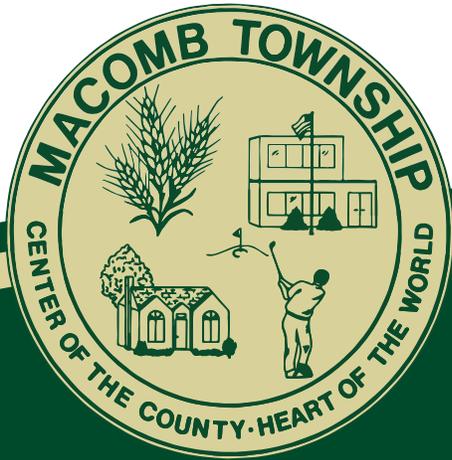
When we combine all of the natural features it is easier to see how they are important for land development and Parks and Recreation services. This information and analysis also helps the Township decide which lands to acquire, which lands to dispose of, and how to develop property into parks.

The Township owns approximately 144 acres of property that is vacant without plans for development. We anticipate the Township will use some of this land for developing future park facilities while some of it will be disposed of differently. Soils within the Township are generally poorly drained, so future park development must include water and sewer connections along with stormwater management controls. Floodplains affect sizable portions of the Township, including desirable park locations along the Clinton River Branches so park design likely must account for floodplain capacity. The two most significant watersheds in the Township, the Clinton River East Subwatershed and the North Branch Clinton River Subwatershed, include recreation development as a management strategy and could make outside funding available for projects. Significant Federally regulated wetlands impact some of the lands the Township already owns as well as undeveloped lands the Township may acquire in the future. Wetlands offer education opportunities but they can limit recreation options on different sites. Creating and preserving woodlands may unlock some resources for park development.

Macomb Township's natural resources offer a rich canvas for future recreation developments whether they are sports fields or nature preserves. The Township should consider how these resources impact both site selection and park development in order to protect them, incorporate them into recreation offerings, and to engage outside funding resources with shared goals.







MACOMB TOWNSHIP

Chapter 5: PLANNING PROCESS DESCRIPTION

PLANNING PROCESS DESCRIPTION

PLANNING METHODS

Recreation Needs

This chapter of the Plan considers the short and long-term recreation needs of the Township. The results of this analysis provide the basis for recommended improvements offered in subsequent portions of the Plan. This analysis addresses recreation needs on a comprehensive basis, considering the need for additional park sites, the adequacy of existing facilities, and administrative/programming considerations.

There are several accepted methods of evaluating recreation needs, several of which are included in this chapter. First, the Township's recreation system is evaluated on the basis of comparisons to accepted recreation planning standards. While this method of analysis may not be universally applicable to all communities, it does offer a basis for assessing the recreation resources available in the Township to basic standards.

This analysis considers the Township's recreation needs on a community-wide and neighborhood-level basis. First, we consider the quantity of land available for recreation and whether or not this satisfies general recreation planning standards. The second part of the analysis deals with park and recreation amenities as they relate to population distribution.

Park Acreage Needs

The Township's park and recreation sites and the school sites offer a total recreation inventory of approximately 230 acres of land. Recreation planning standards published by the National Recreation and Parks Association recommend that local communities provide a core system of parks offering between 6.25 and 10.5 acres of developed open space per each 1,000 persons. Applying these standards to the 2016 SEMCOG estimated population of 86,951 for the Township, yields an estimated demand of between 544 to 913 acres of park land. When we apply them to SEMCOG's 2040 estimated population of 95,067 demand increases to between 594 and 998 acres of parkland

The range far exceeds the Township's available recreation inventory of approximately 127 acres of land. School sites occupy approximately 516 acres of land. These sites have open space areas, as well as ball fields and playgrounds. We examined aerial photography of the site and find the open space and recreation areas occupy over 40% of the properties on average or 206 acres of land that fulfills neighborhood park qualities. With the 206 acres occupied by the school sites, the parkland total increases to 333 acres, still well below of the low-end estimate of 544 acres noted above. It may be somewhat misleading to include these school sites as part of the Township's recreation inventory because the use of school sites for community recreation is limited they are not controlled by the Township.



TABLE #3 MACOMB TOWNSHIP RECREATION ASSESSMENT

| Activity/ Facility | Current Number of Facilities | 1 Facility/ Activities Per Population | Current Population | Number of Facilities/ Activities Suggested Based on Standard and Current Population | Number of Facilities/ Activities Deficient Based on Standard | 2040 SEMCOG Projected Population | Number of Facilities/ Activities Based on Standard and Projected Population | Number of Facilities/ Activities Deficient Based on Standard | Service Radius |
|-----------------------|---------------------------------------|--|-----------------------|--|---|---|---|---|------------------------------------|
| Baseball/ Softball | 6 | 5,000 | 79,580 | 16 | -10 | 95,067 | 19 | -13 | 1/4 to 1/2 Mile |
| Basketball | 4 | 5,000 | 79,580 | 16 | -12 | 95,067 | 19 | -15 | 1/4 to 1/2 Mile |
| Football | 4 | 20,000 | 79,580 | 4 | 0 | 95,067 | 5 | -1 | 15-30 Minutes Travel Time |
| Golf (18 Hole) | 4** | 50,000 | 79,580 | 2 | +6 | 95,067 | 2 | +6 | 30-60 Minutes Travel Time |
| Running Track | 1 | 20,000 | 79,580 | 4 | -3 | 95,067 | 5 | -4 | 15-30 Minutes Travel Time |
| Soccer | 8 | 10,000 | 79,580 | 8 | 0 | 95,067 | 10 | -2 | 1-2 Miles |
| Swimming Pool | 2 | 20,000 | 79,580 | 4 | -2 | 95,067 | 5 | -3 | 15-30 Minutes Travel Time |
| Tennis | 0 | 2,000 | 79,580 | 40 | -40 | 95,067* | 48 | -48 | 1/4 to 1/2 Mile |
| Trails | 1 Per Region | | | | | | | | |
| Volleyball | 6 | 5,000 | 79,580 | 16 | -10 | 95,067* | 19 | -13 | 1/2 to 1 Mile |

SYSTEMS APPROACH

Unserviced Areas

The areas surrounding the three existing parks are functionally the only the areas served for neighborhood park use, even though the fields are regional or organized sport facilities. With regard to providing parkland that is accessible by nearby neighborhoods the Township is relatively unserved. This is why acquisition for a community approaching 90,000 people is so important. Land values and availability are quickly diminishing.

Programs Needing More Facilities Based On Demand

The success of current programming generates demands that may exceed available facilities, particularly organized sports and senior programs.

As with many communities in Southeast Michigan, Soccer is continuing to gain popularity. This increasing participation rate is continually increasing demand on public recreation to offer more fields, both for practice, games and general family recreation. Baseball and softball diamonds continue to be in heavy demand and the Township will continue to assess location for new diamonds as land and money become available. Additionally, a semi-dedicated senior center would encourage senior activity participation.

Programs Not Being Offered Because Facilities Do Not Exist

The Township Parks and Recreation Department is not lacking programs because facilities do not exist.

Criteria for Land / Open Space / Natural Area Acquisition

The Township has 4 priorities for acquiring different kinds of property for parks and recreation uses. They are not ranked in any particular order:

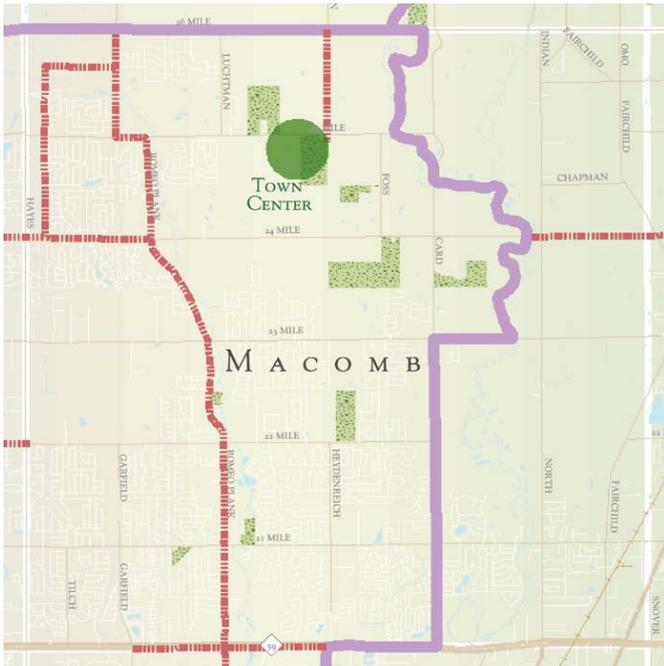
1. Lands, easements and/or rights-of-way along drains and rivers that access our water resources and provide scenic linkages between public facilities, parks, and other local and regional pathways.
2. Lands adjacent to existing parks properties; and
3. A significant property, up to 40 acres, south of 23 Mile Road for an active park facility.
4. Lands, easements, and/or rights-of-way that complete links in our sidewalk and path system.

Pathways and Trails Plans

The 2004 Macomb County Trailways Master Plan takes a regional look at trail development. Goals include connections to the surrounding Counties' trailways (existing and proposed) as well as internal connections between activity areas, schools and parks. The Township requires an 8' wide pathway along major roads for recreational opportunities and alternative modes of transportation.

The County's Blue Economy Strategic Development Plan. The plan promotes linkages, similar to those identified in the Trailway's Plan, utilizing natural areas and waterways. In Macomb Township, the plan identifies the Clinton River as a blueway and greenway opportunity. The County Vision emulates the Township goal of providing such a greenway/blueway, as well as connecting smaller tributaries not shown on the County Map.





Old Bridge Along Coon Creek



Town Center

Route Description

County Connectors

A north-south route is proposed along or near the North Branch of the Clinton River (north of 23 Mile) and Card Road, south of 23 Mile, to M-59. An east-west connection is proposed along 26 Mile into Wolcott Mill Metropark and west toward the Macomb Orchard Trail.

Local Connectors

Local connectors are proposed along Romeo Plank, 24 Mile Road, east of Hayes, and Broughton which provides a connection into the new Town Center.

Trail Head/Staging Area

The Town Center has been proposed as a trail head and staging area within Macomb Township due to the parks, municipal offices, recreation center, and planned neighborhoods and commercial areas.

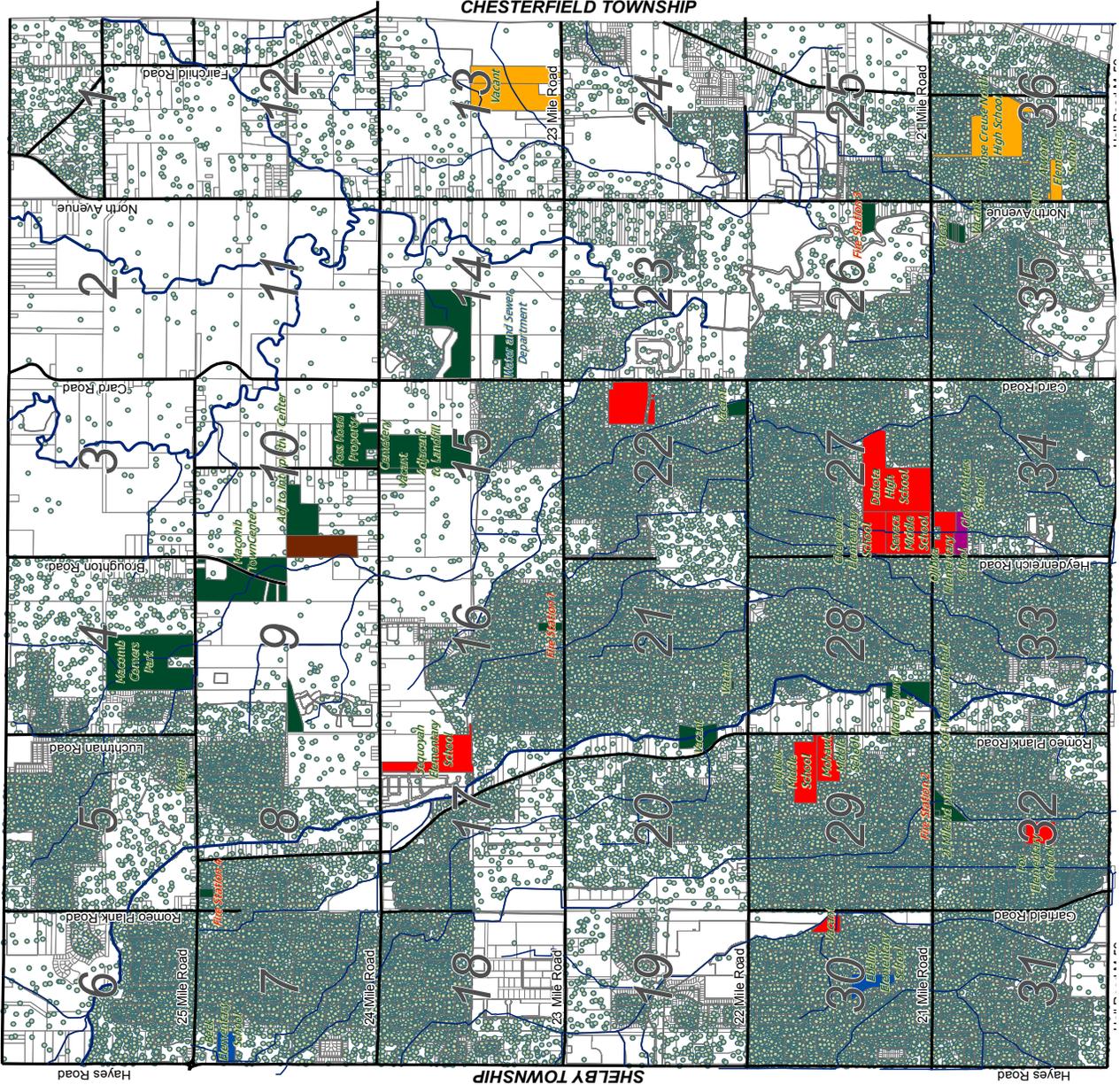
Outstanding Issues and Considerations

The establishment of the Town Center, including the Township Hall, and the new 57,000-square-foot recreation center, as well as planned neighborhoods, parks and restaurants, are undoubtedly primary destinations for the community and surrounding areas. The provision of non-motorized connections to these facilities should be paramount and included early in the design and planning stages.

Macomb Township is one of the fastest growing communities in southeast Michigan with significant land planned and/or available for future development, particularly along the North Branch of the Clinton River, McBride Drain, and Coon Creek. Conversations with potential developers should occur early in the planning and design phase to ensure continuous public access and the provision of a non-motorized system that connects neighborhoods, adjacent communities, the Wolcott Mill Metropark and the Town Center. A 20- to 30-foot easement for public use would be the preferred minimum, although a larger easement would be desirable to ensure adequate protection and buffer for the various rivers, creeks and drains. Public input indicated a strong desire to establish the non-motorized system along or near the natural resources of the community.



RAY TOWNSHIP

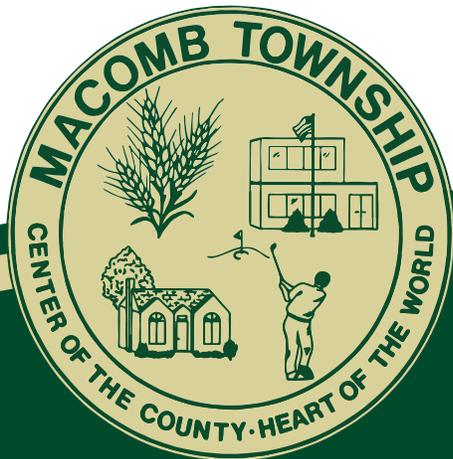


Population Concentrations 2017

- Population Concentrations**
- Publicly Owned Properties**
- Macomb Township
- Chippewa Valley Schools
- L'Anse Creuse Public Schools
- Macomb ISD
- New Haven Community Schools
- Utica Community Schools
- Rivers, Drains, and Streams**
- Rivers
- Drains and Streams
- Other Data Layers Shown**
- Significant Roads
- Macomb Township Parcels



While this map is intended to be an accurate graphic representation of the data, the user should not rely on it for legal purposes. Macomb Township is not responsible for any errors or omissions. Any conclusions or information derived from this map is at the user's sole risk. The State of Michigan, Macomb County, and Macomb Township disclaim any liability for this map.



MACOMB TOWNSHIP

Chapter 6: PUBLIC INPUT PROCESS DESCRIPTION

OPPORTUNITIES FOR PUBLIC INPUT:

1. On-line survey through the Township website and Facebook page.
2. The document was advertised and available for review at Township Hall from November 8, 2017 to December 8, 2017.
3. A required public hearing in front of the Township Board on **December 6, 2017.**

PUBLIC INPUT PROCESS DESCRIPTION

The Township always encourages and accepts input from the community via an open survey link on the Township website. The Township also collects written ideas and concerns with a drop box at the Township Recreation Center and Senior Center.

We asked the broader community to let us know what they wanted for this 5-year recreation plan with a specific on-line survey. We promoted our short 10-question survey through social media and on the Township Parks and Recreation website. We announced the survey at a couple Township Board meetings. The Macomb Township Chronicle published an article about the 5-year recreation plan on

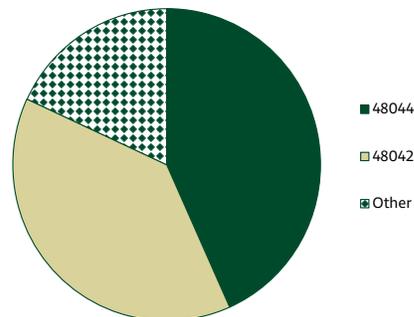
SURVEY DESIGN

We designed the survey so that it would offer concise insight about the Township's collective desire for broad parks and recreation themes. We steered input away from detailed or specific comments intentionally. The 492 survey responses are a robust indication how important recreation is to Macomb Township residents. We also believe the average response time of 3 minutes 30 seconds encouraged completed surveys. We included open-ended response opportunities for several survey questions. This survey is not a randomly-sampled survey and the respondents were not solicited.

QUESTION 1: IN WHAT ZIP-CODE IS YOUR HOME LOCATED?

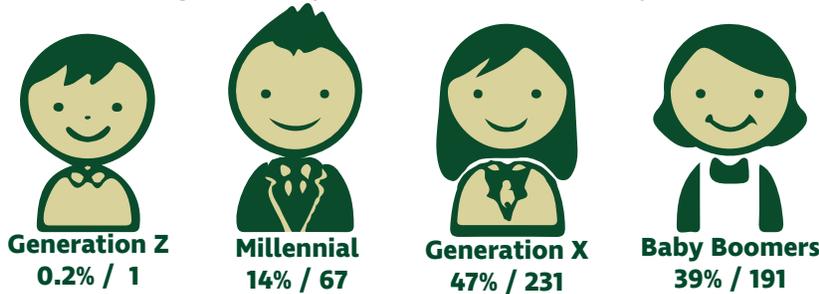
Two zip-codes cover all of Macomb Township. The 48044 zip code applies to most of the community south of 23 Mile Road and west of North Avenue. The 48042 zip-code covers the remaining, more sparsely developed portions of the Township. About 20% of the survey respondents do not live in Macomb Township while the remaining 80% were split fairly evenly between the zip codes.

In what ZIP code is your home located?



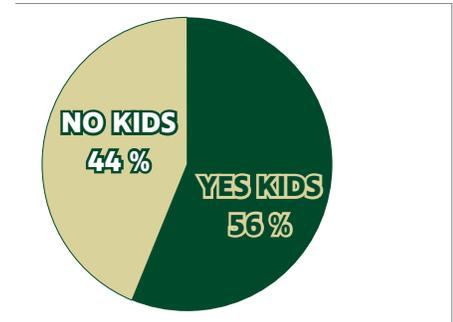
QUESTION 2: WHAT IS YOUR AGE?

We asked respondents to categorize themselves into one of 4 age group categories: Generation Z (17 and under), Millennial (18 to 34), Generation X (35 to 54) and Baby Boomers (55 and older). GenXers completed nearly half the responses while Baby Boomers were second with 39%. Only 1 person under 17 completed the survey. 490 respondents answered this question.



QUESTION 3: ARE THERE CHILDREN IN YOUR HOUSEHOLD?

491 survey respondents answered this question. 56% of respondent households have children and 44% of households do not have children.



QUESTION 4: WHICH OF THE FOLLOWING LIFESTYLE RELATED RECREATION ITEMS DO YOU OWN?

We asked respondents to select lifestyle items from a list that included mountain and road bikes, sleds, fishing, camping, or hiking equipment, dogs, X-country skis, a kayak, canoe, or stand up paddle board, or a skateboard. We provided an "I don't own any of these items" option. The responses follow:





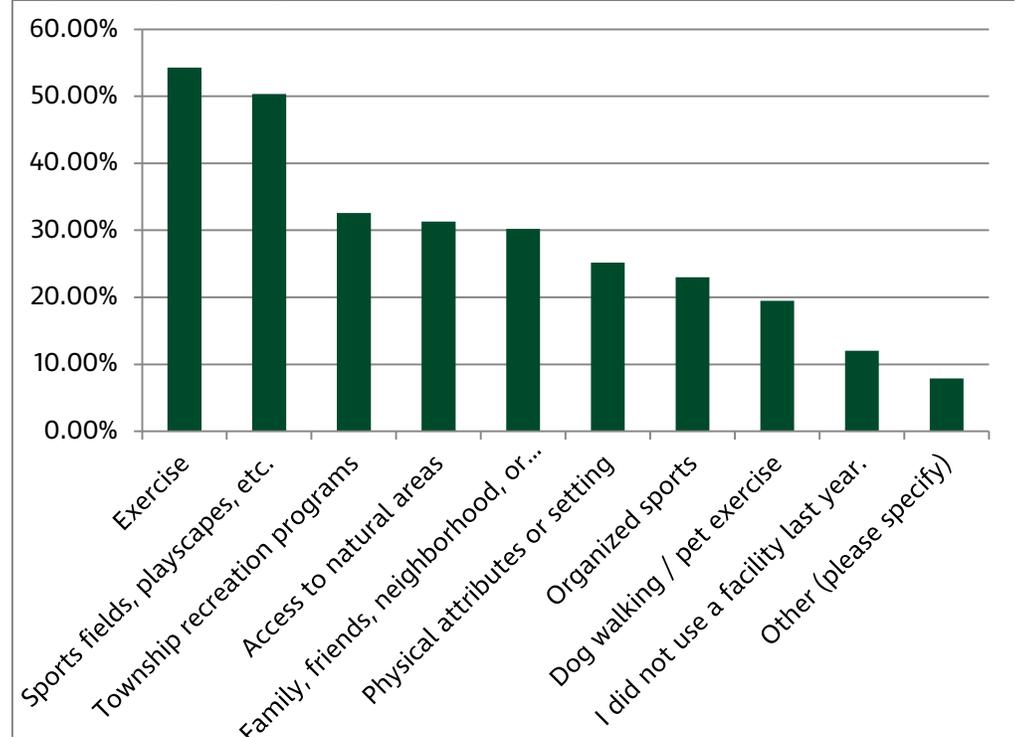
Pickleball is a wildly popular activity among the 60+ crowd. The 2018 USA Pickleball Association Midwestern regional finals are in Kalamazoo, MI.

QUESTION 5: WHICH MACOMB TOWNSHIP PARK(S) HAVE YOU USED IN THE PAST YEAR?

We then asked respondents which Township recreation facilities they used over the past year so we can gauge their knowledge about our parks. Macomb Corners Park and the Recreation Center were the most utilized with over 50% of respondents visiting them. Waldenburg Park was up there too with about 45%. 20% of respondents did not use a facility at all. Not surprisingly, the Town Center Park was the least visited, likely because it is the least developed Township park.

QUESTION 6: WHY DID YOU USE MACOMB TOWNSHIP PARKS AND RECREATION FACILITIES IN THE PAST YEAR?

Recreation means something different and individual for every person. We wanted to find out why people use Township parks. This question asked respondents to select from a list of reasons and included an open-ended response opportunity.

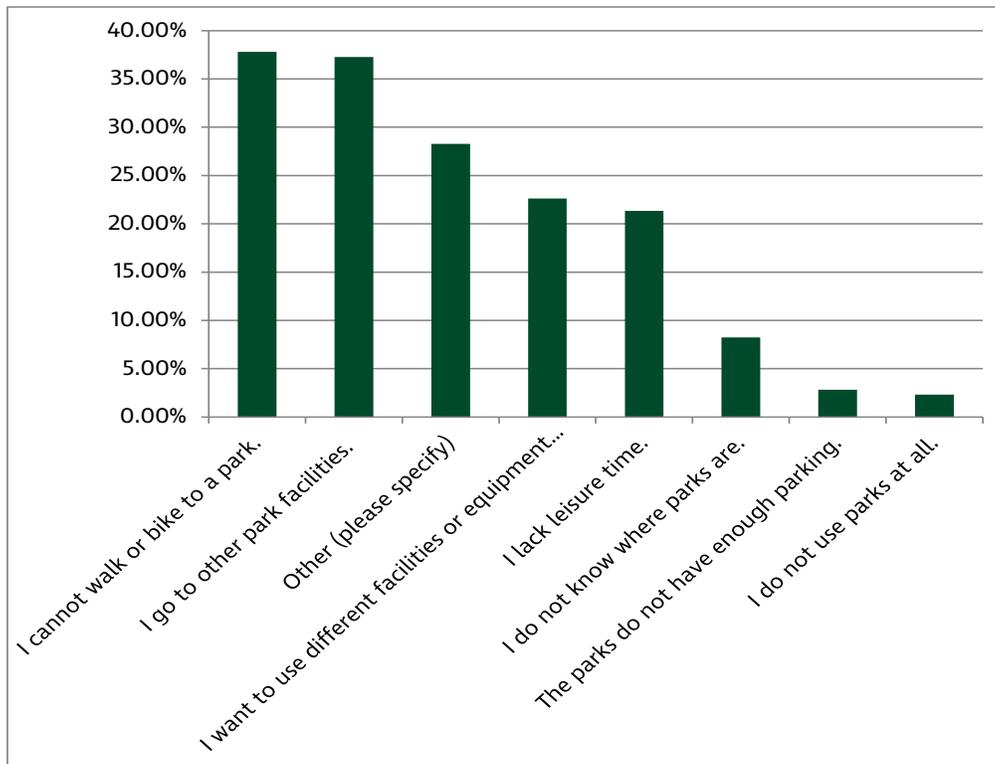


The open ended responses included many supportive of pickleball, the indoor pool at the Recreation Center, and connecting longer stretches of bike paths in Macomb Township and across the county.



QUESTION 7: WHY DO YOU NOT USE MACOMB TOWNSHIP PARKS OR NOT USE THEM MORE?

Recreation is important beyond physical activity. Activities build family unity, support education with safe latchkey time, diminish chances for disease, encourage cultural diversity, and most importantly reduce stress! We asked this question to determine if there are specific barriers to access Township recreation opportunities. If there are systemic challenges that prevent people from enjoying Township programs and facilities, then we want those obstacles removed. We included an open ended response opportunity.

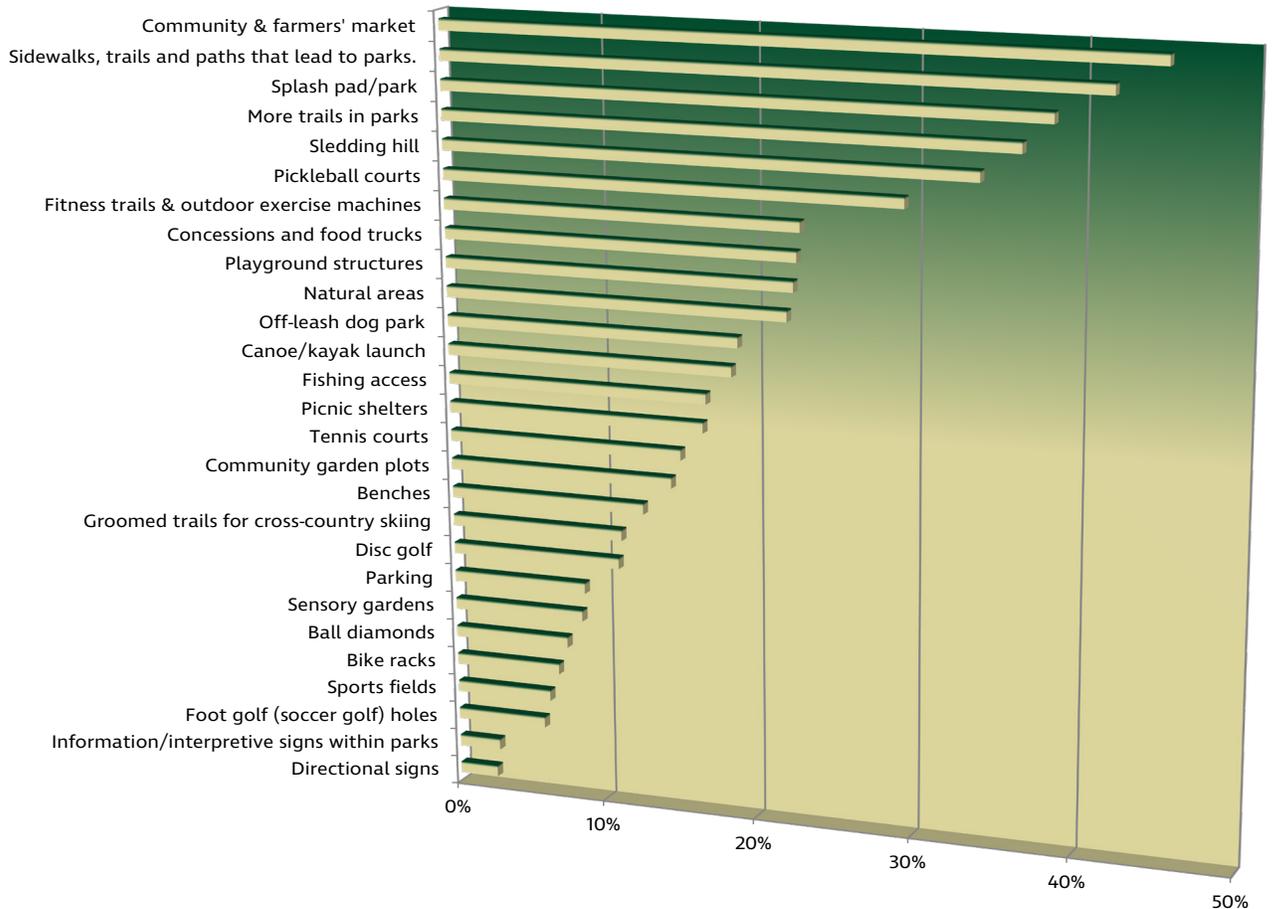


The top response was an inability to walk or bike to a park. The Township currently prioritizes our community wide path program that fills in system gaps closest to public facilities like parks and schools. Pickleball and longer trails are the most requested additional amenities, although respondents mentioned a dog park multiple times. Based on the comments for this question, Township residents frequent regional recreation attractions regularly.



QUESTION 8: I WOULD LIKE TO SEE THE FOLLOWING IMPROVEMENTS AT TOWNSHIP PARKS:

What specific physical amenities do people want to see installed or enhanced in our parks? The top response is development of a community & farmers' market. This surprised us because the idea is not mentioned in any of the Township's past recreation development efforts.

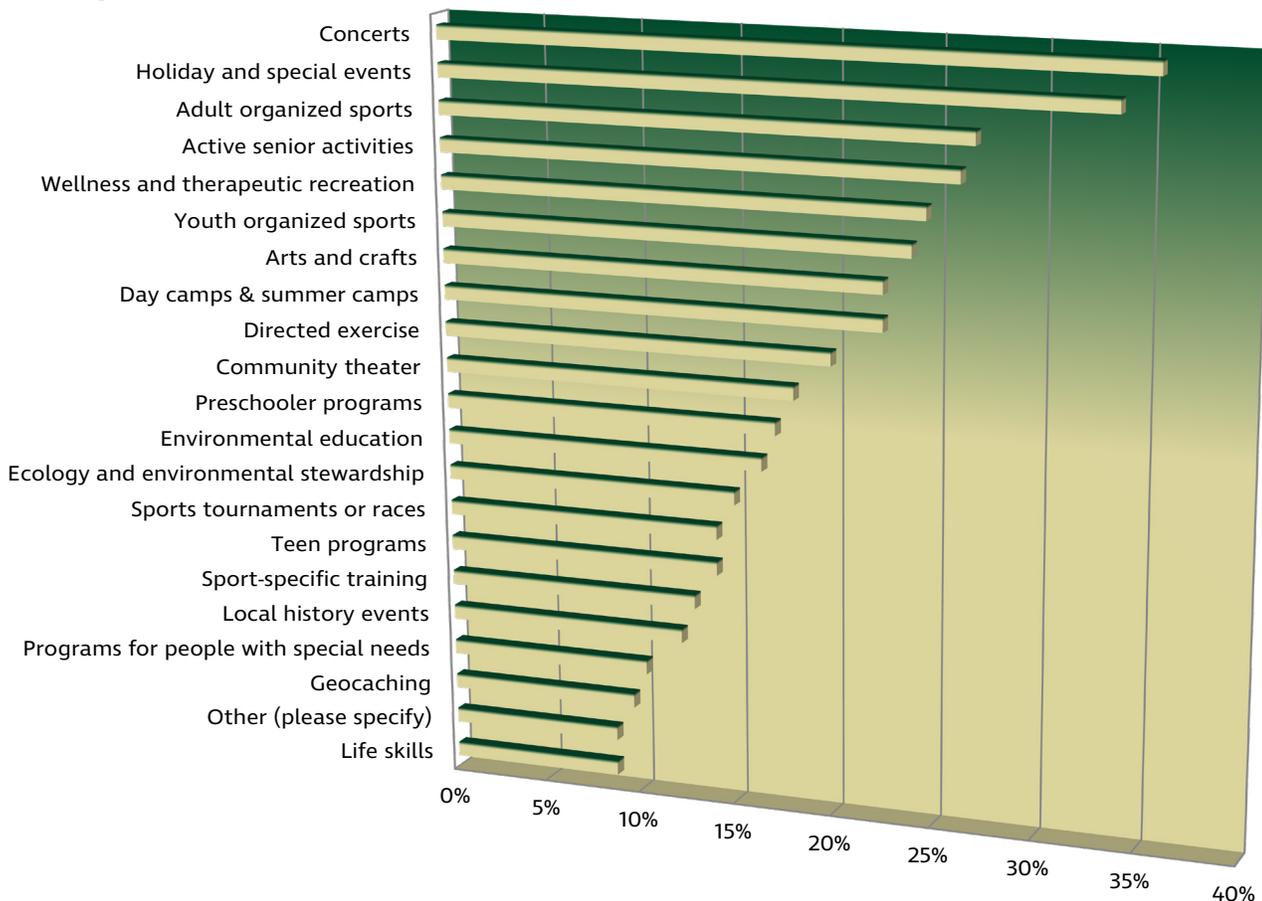


Interconnecting our system of bike paths, a splash-pad/spray park, more trails in parks, and a sledding hill rounded out the top 5, followed closely by pickleball courts. Fishing and water access were mentioned in the open ended comments.



QUESTION 9: I WOULD LIKE TO SEE THE FOLLOWING RECREATION ACTIVITIES AND PROGRAMS OFFERED:

What specific programs and offerings do people want to see in our recreation schedule? The top response is concerts followed by holiday and special events. These larger scale productions are already a fixture of the annual recreation schedule, however there may be opportunities to increase frequency or scale of community-wide gatherings. Amenities like a permanent band shell or a community open air pavilion should be considered where appropriate during new park design or renovating existing facilities.

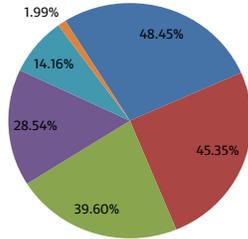


It is important to sustain both facility and programming expansions. The Township is aware of several new sites and improvements to our existing parks that are generally popular in the court of public opinion but have the potential to dramatically impact future recreation budgets. Programming must support new facilities like pickleball lessons or dog park monitoring to ensure their success.



QUESTION 10: HOW DO YOU LEARN ABOUT MACOMB TOWNSHIP PARKS AND RECREATION EVENTS AND PROGRAMS?

■ Newsletter
■ Social media
■ Friends and family
■ Gomtpr.org - the parks and recreation website.
■ Flyers/posters
■ Public access television



New facilities and programming are only as successful as our communication to parks users is effective. We believe that electronic communication and social media is only going to grow and that the Parks and Recreation Department is well positioned to take advantage of an expanded digital age. Social media and the GMTPR newsletter are the most active communication platforms we use.

PUBLIC INPUT PROCESS SUMMARY

The survey response was far greater than we originally imagined. We were pleased that the responses were fairly evenly split between the Township's two zip-codes and included a significant number of Baby Boomers 65 years and older. Many of the respondents have children in their household although only 1 person under 18 filled out a survey. Bicycling, fishing, and time with the family canine are important to respondents. We also know from our respondents that social media and the newsletter are the best communication tools for Parks and Recreation. Here are some more conclusions from the survey results.

- ✓ Connections for Township trails, both internally and to the Macomb County trail system are the most desired recreation improvements.
- ✓ Community events like the existing concerts and holiday festivities could be grown or enhanced.
- ✓ An outdoor pavilion to host a regular farmers' market is desired and can also shelter other events.
- ✓ Music is popular and outdoor band shell should be considered during park planning.
- ✓ Pickleball is popular among the Township's baby boomer population and a set of outdoor courts should be considered during park planning.
- ✓ A splash pad and a sledding hill are seasonal attractions Township families want.
- ✓ Senior and adult programming should focus on health and wellness.
- ✓ Access to water, especially for fishing, is important.
- ✓ The Town Center Park should be a priority for repositioning through a comprehensive development plan linking it to the Recreation Center, Township Hall, and the future Library.
- ✓ A dog park was favorably received.



MACOMB TOWNSHIP MICHIGAN NOTICE OF 30-DAY REVIEW FOR 5-YEAR RECREATION PLAN

Macomb Township prepared a 2018-2022 5-Year Recreation Plan to guide our future development of parks, recreation, open space and trails in the community.

The public is invited to view a copy of the draft plan and provide comments. The review period for the plan is from November 8, 2017 to December 9, 2017. The draft plan can be viewed during regular business hours at Township Hall, 54111 Broughton Road, Macomb Township MI 48042. The Township Board will hold a public hearing on the draft Plan on December 6, 2017 at their regularly scheduled meeting.

Comments regarding the plan should be directed to the Macomb Township Planning Department at plachcinskiD@macomb-mi.gov.

Published Macomb Chronicle, 11/09/2017

0433-1745



MACOMB TOWNSHIP MICHIGAN

NOTICE OF PUBLIC HEARING

Macomb Township prepared a 5-Year Recreation Plan to guide our future development of parks, recreation, open space and trails in the community. The 5-Year Recreation Plan was available for a public review period from November 8, 2017 to December 9, 2017.

The Township Board will hold a public hearing to receive public input on the Plan on Wednesday December 20, at 7:00 p.m. at the Township Hall, 54111 Broughton Road, Macomb Township MI 48042.

The public is invited to view a copy of the draft plan and provide comments in advance of the public hearing. The draft plan may be viewed during regular business hours at Township Hall, 54111 Broughton Road, Macomb Township MI 48042.

This meeting is open to everyone and we encourage participation. Persons with disabilities who require assistance to participate or attend the hearing should contact the Township Clerk's office at least 72 hours prior to the start of the Public Hearing.

Comments regarding the plan should be directed to the Macomb Township Planning Department at (586) 992-0710 X 2200 or plachcinskiD@macomb-mi.gov.

Published Macomb Chronicle, 12/14/2017

0464-1750





MACOMB TOWNSHIP

Chapter 7: GOALS & OBJECTIVES

GOALS AND OBJECTIVES

INTRODUCTION

The Recreation Plan is a series of guidelines or recommendations to the Township for making consistent and rational public decisions about the delivery of recreation programs and facilities. Goals and objectives, in the context of recreation planning, should guide the nature and extent of future park acquisition, development, administrative and programming actions. They should be idealistic to the extent that they provide a desirable condition to strive towards. However, in order to be reasonably capable of being achieved, objectives must be tempered by financial, social, physical and political realities. Successful policy should further recognize the evaluation of the community's recreation system and the relationship of this system to relevant demographic characteristics.

MISSION STATEMENT

The mission of the Macomb Township Board through its Parks and Recreation Department is to provide a full range of quality recreation programs and facilities and to provide aesthetically pleasing parks which meet recreation demands and increase the overall quality of life for Macomb Township residents.

VISION STATEMENT

That all residents in the Township will have access to quality parks, open space and recreational facilities and that recreational, cultural and enrichment programming to serve the needs of those residents will be provided.



GOALS

Goals and objectives offer direction and a framework for decision-making. The following goals reflect the communities' long and short-term recreation needs. Specific methods for achieving these goals are described later within the Plan.

1. One of the main goals and policies of the Township is to provide recreational opportunities, in terms of physical parks, building space, programs, etc. to Macomb Township residents at no or minimal cost.
2. Continue long standing relationships with school districts to ensure that facilities remain available and that programs offered do not overlap or conflict and to ensure that each facility is fully utilized.
3. Encourage the design of future recreational sites that require low maintenance and therefore low cost operation. This can be accomplished through appropriate material use for each play structure or facility, the types of landscaping, etc. The use of these materials can still provide an aesthetically pleasing environment for its users while maintaining the continued high standards expected by the Township.
4. Monitor and adjust programming to reflect the current needs and demands of the Township residents based on users, age composition, available funding, etc.
5. Continue the development of relationships between the Parks and Recreation Department, interest and support groups, and private business or recreational providers.
6. Provide a consistent level of funding utilizing all possible funding sources available to the Township. These include funds from the Township's General Fund, Recreation Budget from Millage, and in the future, monies from the Recreation Revolving Fund. Also, plans include utilizing available State grant opportunities, the Federal Government, non-profit grant funding, private businesses, and private individuals or groups.
7. Provide a range of recreation opportunities which account for all ages and genders and provide opportunities for physically challenged residents within the community.
8. Remove economic barriers to accessing Township parks and recreation programs.
9. Implement "place-making" concepts, specific to recreation to provide a higher quality of life, including high quality parks, walkable/complete streets, and programming that encourages community gathering and civic pride.
10. Plan and implement the Macomb Township portion of a Central Macomb County North-South greenway that connects public places and natural resources.



RECREATION FACILITY OBJECTIVES

1. Acquire properties to expand current parks recreation opportunities.
2. Locate future recreation facilities to existing and anticipated population growth, acknowledge changes in resident demographics, and relate to other community facilities. This objective specifically focuses on future Township growth in the northeast quadrant of the Township.
3. Provide a complete range active and passive recreation facilities within the same park whenever possible.
4. Ensure that all playscapes and structures within all parks are maintained to the highest standards in terms of safety for toxicity and design.
5. Plan and implement an improved asphalt or concrete trailway or pathway within any new parks in the Township.
6. Provide a system of sidewalks, trailways, and greenway which link the Township parks and community facilities to the regional path and greenway system planned within Macomb County.
7. Plant trees and landscaping in each park and other properties within the Township to provide a more comfortable, aesthetically pleasing environment.
8. Develop a dog park for residents and their 4-legged companions.
9. Build a sledding hill.
10. Access the Clinton River's major branches for interpretive, fishing, and paddle boat opportunities.
11. Prioritize "Safe Routes to Parks" connections between neighborhoods, schools, and existing parks. Connect future parks to neighborhoods and existing sidewalks as a part of facility planning, not as afterthoughts.

RECREATION BUILDING OBJECTIVES

1. Build a Community Center to facilitate large community gathering, house a senior facility, and provide conference rooms and banquet space for residents to lease.
2. Maintain a larger room at the Community Center dedicated to preschool children and programs to separate the children from the everyday business of the Community Center/Recreation Center and prevent over-crowding.
3. Promote the Recreation Center as the focal point of the Macomb Township recreation community for both indoor and outdoor recreation (Town Center Park).



ADMINISTRATIVE OBJECTIVES

1. Monitor and adjust program offerings to reflect changing recreation preferences and age characteristics by way of community surveys and/or questionnaires.
2. Increase awareness of recreation programs, facilities, and future plans for development with different advertising methods including brochures, cable television, social media, web site, e-mail blasts etc.
3. Provide a consistent level of funding, through County, State and Federal monies, to support improvements to the service area's recreation facilities and programs and to provide continued maintenance of these parks.
4. Subsidize low-income community residents with assistance in paying recreational fees to help provide for their recreational needs.
5. Sponsor events and functions such as movie or concert nights at the Recreation Center or local schools, to promote community involvement, interaction and unity.
6. Examine different methods of registration in order to increase the number of persons involved in recreation programs and the ability to reach persons who may be restricted in some manner. The following methods could be considered: drop box, credit card, computer/on-line, and phone-in.
7. Expand the range of recreational opportunities for teenage residents. These should include both physical and enrichment activities.
8. We should include maintenance costs for new facilities in future year's budgets in addition to adding correlating programming, e.g. coordinating a farmers' market, obedience training at a bark park, or boating safety at a canoe/kayak livery.



NATIONAL RECREATION AND PARKS ASSOCIATION (NRPA) STANDARDS

The NRPA provides guidelines for basic principles and desirable standards for recreational facilities in the country. These guidelines must be referenced along with other principles and standards that have been developed by other professions that provide an additional regional and local perspective of recreational facility acquisition and development. We should consider the following basic principles in addition to Macomb Township's objectives:

1. A balanced system of parks and recreation areas should be provided to serve all of Macomb Township.
2. A system of parks and recreation areas should include both active and passive uses, as well as indoor and outdoor facilities.
3. The type and size of recreation facilities should be related to the size and age groupings of the population to be served.
4. Physical barriers and opportunities such as rivers, heavily traveled roads and railroads, should be considered in determining the size and location of parks and recreation areas.
5. Natural areas having aesthetic advantages should be utilized, where possible.
6. If possible, recreation areas should be provided in combination with schools.
7. Year-round indoor recreation buildings should be developed as part of the school plan, where possible.
8. Playgrounds should be provided adjacent to elementary schools, and play fields adjacent to junior or senior high schools.
9. Neighborhood parks should be developed in conjunction with playgrounds, utilized as buffers.
10. Playgrounds and neighborhood parks should be located in the interior of residential areas.
11. Local community parks should provide amenities unique to their development and to supplement facilities located elsewhere in the community.





MACOMB TOWNSHIP

Chapter 8:

ACTION PROGRAM



ACTION PROGRAM

Over the next several years, the Township will examine the feasibility of acquiring property for parks, right-of-way easements for the development of pathways along roadways, and lands adjacent to drains and rivers. As indicated in previous sections, parkland is needed to service the large populace residing in the southern portion of the Township, as well as the largely undeveloped northeastern portion of the Township. The Township will also be looking to allocate funding to develop any newly acquired parkland and pathway easements.

The Township has included within its goals the desires of the public that were discovered through the continuous process of program evaluations by the users. An emphasis on program and facility needs noted by residents in public input surveys is always a focus of the Parks and Recreation Department.

The Township is currently studying particular properties for acquisition. The analysis takes into account the obvious considerations such as size and price, but also looks at the particular demand for the park in the anticipated service area.

General action plan items include the following over the next 5 years:

- Acquisition of property for park and recreation use in areas not adequately serviced by existing parks. This generally includes the entire Township, outside of the immediate service area of our three existing parks and recreation center. Acquiring up to 40 acres of land south of 23 Mile Road for an active recreation park is a priority. However, we should try to acquire multiple parcels of land for future parks and recreation use in the concentrated population areas in the Township.
- Improve newly acquired parkland by adding of ball diamonds, soccer fields and general neighborhood park amenities such as playground equipment, picnic tables, restrooms, pavilions and similar features.
- Acquire property and easements for developing greenways and blueways for hike/bike paths, paddleboat liveries, and scenic walkways & platforms.
- Connect the existing Township properties from Macomb Corners Park southeast to Foss Road.
- Develop a site for a splash pad water activity park.
- Adopt ordinances to secure pathway routes.
- Determine if a community center located across Broughton Road from the Township Hall is feasible. If financially feasible, the Township can plan construction within the 5-year period of this plan.
- Install a bark park for Township residents and their 4-legged companions.
- Plan and develop the first 2 miles of Central County Connector Trail along the North Branch of the Clinton River.
- Install outdoor exercise machines along the trails in Macomb Corners Park and examine locations for similar equipment in other existing and future parks.



Township Connector Trail Concept Plan

- Macomb Trail Connections**
- Potential Connections
 - Existing Connections
 - Future North Branch River Trail Gateways and Nodes
- Publicly Owned Properties**
- Macomb Township
 - New Haven Community Schools
- Other Data Layers Shown**
- Macomb Township Parcels
 - Significant Roads
 - Rivers
 - Drains and Streams
 - Ponds



While this map is intended to be an accurate graphic representation, its accuracy is not guaranteed. Therefore, Macomb Township does not warrant the accuracy of any conclusions or information derived from this map is at the user's sole risk. The State of Michigan, Macomb County, and Macomb Township provided data for this map.

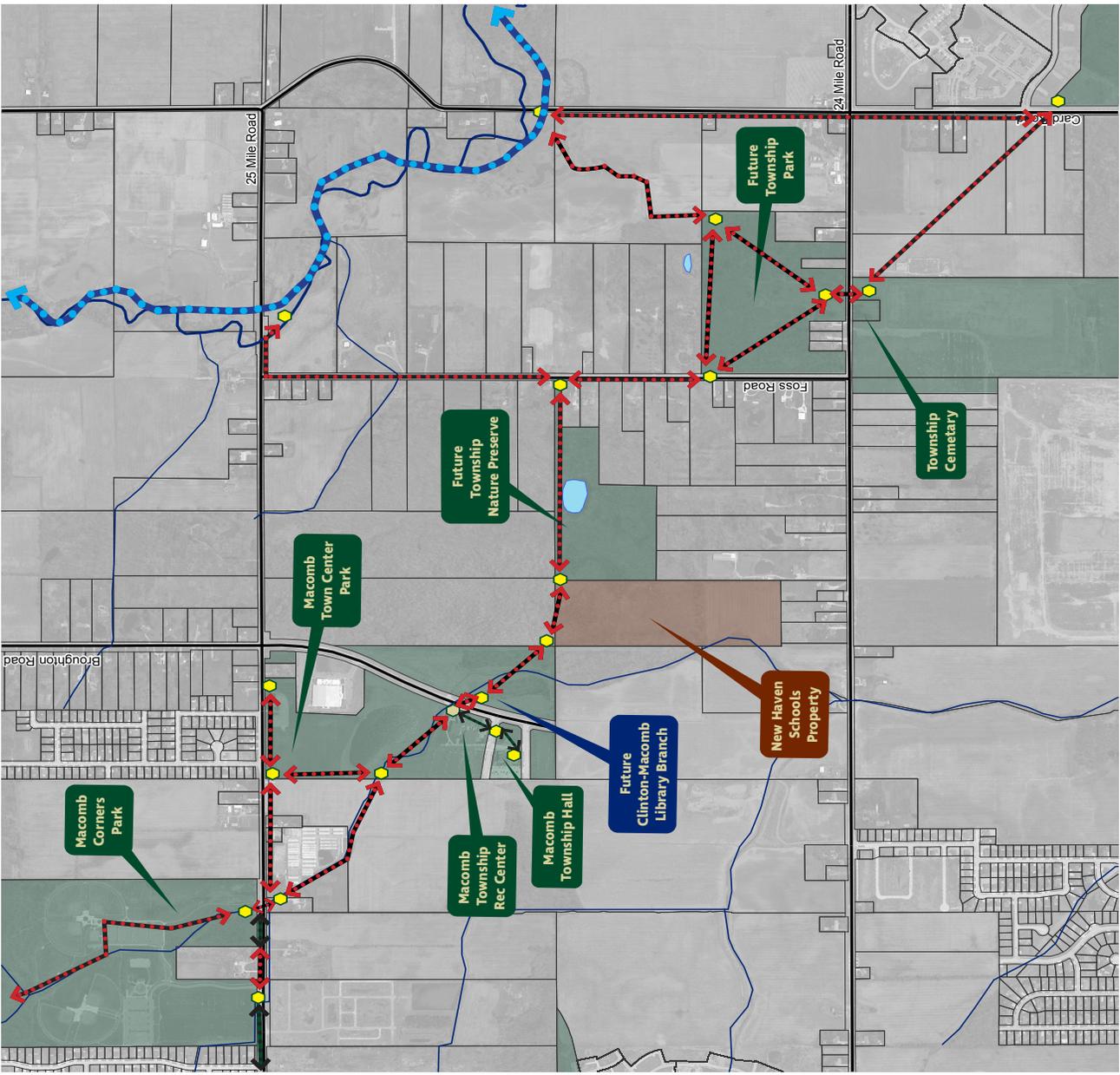


TABLE #4 2018-2022 5-YEAR ACTION PLAN

| Project | Estimated Cost | Projected Township Cost | Projected Grant Assistance | Location |
|--|----------------|-------------------------|----------------------------|------------------------------------|
| 2018 | | | | |
| Land Acquisition for Park I | \$500,000 | \$125,000 | \$375,000 | South of 23 Mile Township Wide |
| Acquire land and develop paddleboat livery / fishing spot | \$150,000 | \$37,500 | \$112,500 | Along Clinton River North Branch |
| Install Bark Park | \$70,000 | \$17,500 | \$52,500 | TBD |
| 2019 | | | | |
| Central County Connector Engineering | \$100,000 | \$80,000 | \$20,000 | Macomb Corners to NB Clinton River |
| Land Acquisition for Park II | \$500,000 | \$125,000 | \$375,000 | Township Wide |
| Community / Senior Center Feasibility Study | \$20,000 | \$20,000 | N/A | Town Center |
| New Park Designs for Parks I & II & Township Center Park and Implementation of Phase 1's | \$500,000 | \$120,000 | \$380,000 | TBD |
| 2 miles of County Connector Trail | \$750,000 | \$150,000 | \$600,000 | Along Clinton River North Branch |
| Develop Splash Pad | \$300,000 | \$75,000 | \$225,000 | TBD |
| 2020 | | | | |
| New Park Improvements Phase 2 | \$300,000 | \$75,000 | \$225,000 | TBD |
| Community Center Design | \$50,000 | \$50,000 | 0 | Town Center |
| 2021 | | | | |
| Community Center Phase 1 Development | \$1,500,000 | \$500,000 | \$1,000,000 | Town Center |
| New Park Improvements Phase 3 | \$300,000 | \$75,000 | \$225,000 | TBD |
| Land Acquisition for Park III | \$300,000 | \$75,000 | \$225,000 | Township Wide |
| 2022 | | | | |
| Improvements for New Park III Ph. 1 | \$300,000 | \$75,000 | \$225,000 | TBD |
| Completion of Parks I & II | \$160,000 | \$40,000 | \$120,000 | TBD |
| Complete Community Center | \$160,000 | \$40,000 | \$120,000 | Town Center |



MDNR IMPLEMENTATION RESOURCES

Michigan Natural Resources Trust Fund

The Michigan Natural Resources Trust Fund (MNRTF) projects provide for natural resource protection and outdoor recreation. By law, no more than 25% of the Trust Fund revenues available for appropriation each year may be used for development, so the majority of money is spent on land acquisitions. Projects are evaluated by need, collaboration, pite and project quality, applicant history, conversion history, natural resource protection and recreation opportunities, financial need, urban context, local match, entrance fees, and universal design. Development grant awards are \$15k-\$300k with a 100% grantee match requirement and there is no limit on acquisition awards. Current priorities for the program include trails/greenways like the Iron Bell Trail, projects within urban areas, access to Great Lakes' shoreline, and wildlife corridors. Eligible projects must be in an approved 5-year recreation plan. The fund projects \$15M-\$20M in awards each year.

Land and Water Conservation Fund

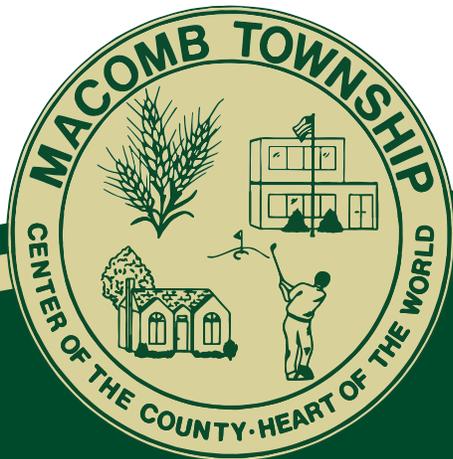
Congress established the Land and Water Conservation Fund in 1964 to fulfill a bipartisan commitment to safeguard our natural areas, water resources and cultural heritage, and to provide recreation opportunities to all Americans. Using zero taxpayer dollars, the fund invests earnings from Federal offshore oil and gas leasing to help strengthen communities, preserve Michigan history and protect our national endowment of lands and waters. Applications are evaluated with four criteria: project need, applicant history, site and project quality, and alignment with Michigan's recreation plan. Grant awards are \$30k-\$150k with a 100% grantee match requirement. Eligible activities include, trailways, picnic areas, beaches, campgrounds, boating access, fishing areas, winter sports areas, playgrounds, ball fields, tennis courts, and pickleball courts. Eligible projects must be in an approved 5-year recreation plan.

Recreation Passport Grants

PA 32 of 2010 created the Local Public Recreation Facilities Fund or the development of local public recreation facilities. Money for this fund is derived from the sale of the Recreation Passport which replaces window sticker for state park entrance. The passport is required for entry to state parks, recreation areas and boating access sites. Revenue will be distributed to replace lost revenue from the elimination of the motor vehicle permit and boating access site permits, as well as to pay for administration by the Secretary of State. 10% of remaining revenue will be used to fund the Recreation Passport local grant program.

The grant program may only be used for local development projects. The program focuses on renovating and improving existing parks, but the development of new parks is eligible.





MACOMB TOWNSHIP

Chapter 9: POST-COMPLETION SELF INSPECTION REPORT



Michigan Department of Natural Resources - Grants Management

PUBLIC OUTDOOR RECREATION GRANT
POST-COMPLETION SELF-CERTIFICATION REPORT

This information required under authority of Part 19, PA 451 of 1994, as amended;
the Land and Water Conservation Fund Act of 1965, 78 Stat. 897 (1964); and Part 715, of PA 451 of 1994, as amended.

GRANT TYPE: [X] MICHIGAN NATURAL RESOURCES TRUST FUND [] CLEAN MICHIGAN INITIATIVE
(Please select one) [] LAND AND WATER CONSERVATION FUND [] RECREATION PASSPORT [] BOND FUND

GRANTEE: Macomb Township

PROJECT NUMBER: TF-97-229

PROJECT TYPE: Aquisition

PROJECT TITLE: Township Park #1

PROJECT SCOPE: Aquire 94.2 Acres to develop sports park

TO BE COMPLETED BY LOCAL GOVERNMENT AGENCY (GRANTEE)

Table with 3 columns: Name of Agency (Grantee), Contact Person, Title, Address, Telephone, City, State, ZIP, Email. Row 1: MAcomb Township, Janet Dunn, Supervisor, 54111 Broughton Road, 586-992-0710, Macomb MI 48042, SUPERVISOR

SITE DEVELOPMENT

Any change(s) in the facility type, site layout, or recreation activities provided? [X]Yes []No
If yes, please describe change(s).

Developed as modern sports park

Has any portion of the project site been converted to a use other than outdoor recreation? If yes, please
describe what portion and describe use. (This would include cell towers and any non-recreation buildings.) []Yes [X]No

No conversion

Are any of the facilities obsolete? If yes, please explain. []Yes [X]No

No

SITE QUALITY

Is there a park entry sign which identifies the property or facility as a public recreation area? [X]Yes []No
If yes, please provide a photograph of the sign. If no, please explain.

Yes

Are the facilities and the site being properly maintained? If no, please explain. [X]Yes []No

Yes

Is vandalism a problem at this site? If yes, explain the measures being taken to prevent or minimize vandalism. []Yes [X]No

No

POST COMPLETION SELF-CERTIFICATION REPORT - CONT'D

Is maintenance scheduled on a regular basis? If yes, give schedule. If no, please explain. Yes No
We have a full maintenance crew

GENERAL

Is a Program Recognition plaque permanently displayed at the site? If yes, please provide a photograph. (Not required for Bond Fund Grants) Yes No N/A

Is any segment of the general public restricted from using the site or facilities? (i.e. resident only, league only, boaters only, etc.) If yes, please explain. Yes No

Is a fee charged for use of the site or facilities? If yes, please provide fee structure. Yes No
No

What are the hours and seasons for availability of the site?
8:00 AM TO DUSK

COMMENTS (ATTACH SEPARATE SHEET IF MORE SPACE IS NEEDED)

Empty space for comments.

POST COMPLETION SELF-CERTIFICATION REPORT - CONT'D

CERTIFICATION

I do hereby certify that I am duly elected, appointed and/or authorized by the Grantee named above and that the information and answers provided herein are true and accurate to the best of my personal knowledge, information and belief.

Janet Dunn
Please print

Janet Dunn 12-22-17
Grantee Authorized Signature Date

Cynthia Paparelli
Please print

Cynthia Paparelli 12-22-17
Witness Signature Date

Send completed report to:

**POST COMPLETION GRANT INSPECTION REPORTS
GRANTS MANAGEMENT
MICHIGAN DEPARTMENT OF NATURAL RESOURCES
PO BOX 30425
LANSING MI 48909-7925**



MACOMB TOWNSHIP

APPENDIX A
PUBLIC INPUT SURVEY
AND RESPONSES

**QUESTION 1 - In what ZIP code is your home located?
(Enter 5-digit ZIP code)**

| Answer Choices | Responses | |
|----------------|-----------|-----|
| 48044 | 43.29% | 213 |
| 48042 | 38.62% | 190 |
| Other | 18.09% | 89 |
| | Answered | 492 |
| | Skipped | 0 |

QUESTION 2 - What is your age?

| Answer Choices | Responses | |
|----------------|-----------|-----|
| 17 or under | 0.20% | 1 |
| 18 to 34 | 13.67% | 67 |
| 35 to 54 | 47.14% | 231 |
| 55 or older | 38.98% | 191 |
| | Answered | 490 |
| | Skipped | 2 |

QUESTION 3 - Are children in your household?

| Answer Choices | Responses | |
|----------------|-----------|-----|
| Yes | 56.21% | 276 |
| No | 43.79% | 215 |
| | Answered | 491 |
| | Skipped | 1 |



**QUESTION 4 - Which of the following lifestyle related recreation items do you own?
(Select all that apply)**

| Answer Choices | Responses | |
|--|-----------|-----|
| Mountain bike(s) | 54.69% | 268 |
| Sledding equipment | 38.98% | 191 |
| Fishing equipment | 41.02% | 201 |
| Camping equipment | 38.57% | 189 |
| Road bike(s) | 39.18% | 92 |
| Dog(s) | 46.33% | 227 |
| Hiking equipment | 21.22% | 104 |
| Cross-country skis | 9.80% | 48 |
| Kayak, canoe, and/or stand up paddleboard(s) | 19.80% | 97 |
| Skateboard(s) | 11.84% | 58 |
| I don't own any of these items. | 5.51% | 27 |
| | Answered | 490 |
| | Skipped | 2 |

**QUESTION 5 - Which Macomb Township park(s) have you used in the past year?
(Select all that apply.)**

| Answer Choices | Responses | |
|--|-----------|-----|
| Macomb Corners Park | 54.12% | 263 |
| Macomb Town Center Park | 15.84% | 77 |
| Waldenburg Park | 45.68% | 222 |
| Macomb Township Recreation Center | 55.97% | 272 |
| I did not used a Macomb Township park in the past year | 19.75% | 96 |
| | Answered | 486 |
| | Skipped | 6 |



QUESTION 6 - Why did you use Macomb Township parks and Recreation facilities in the past year? (Select all that apply.)

| Answer Choices | Responses | |
|--|-----------|-----|
| Exercise | 54.27% | 248 |
| Sports fields, playscapes, etc. | 50.33% | 230 |
| Township recreation programs | 32.60% | 149 |
| Access to natural areas | 31.29% | 143 |
| Family, friends, neighborhood, or community gatherings | 30.20% | 138 |
| Physical attributes or setting | 25.16% | 115 |
| Organized sports | 22.98% | 105 |
| Dog walking / pet exercise | 19.47% | 89 |
| I did not use a facility last year. | 12.04% | 55 |
| Other (please specify) | 7.88% | 36 |
| | Answered | 457 |
| | Skipped | 35 |

QUESTION 7 - Why do you not use Macomb Township parks or not use them more? (Select all that apply.)

| Answer Choices | Responses | |
|---|-----------|-----|
| I lack leisure time. | 21.34% | 83 |
| I do not know where parks are. | 8.23% | 32 |
| The parks do not have enough parking. | 2.83% | 11 |
| I cannot walk or bike to a park. | 37.79% | 147 |
| I go to other park facilities outside Macomb Township or at a local school. | 37.28% | 145 |
| I want to use different facilities or equipment than our parks offer. | 22.62% | 88 |
| I do not use parks at all. | 2.31% | 9 |
| Other (please specify) | 28.28% | 110 |
| | Answered | 389 |
| | Skipped | 103 |



OPEN ENDED RESPONSES:

- No pet park. No connecting bike path or side walk from our major subdivisions to our schools and parks.
- Lack of long bike trail - I go to Stoney Creek
- Not enough trees at the 25 mile facility.
- Place is dirty run down
- Some lack enough or handicap parking or parking I can use easily as I'm in a wheelchair
- Ridiculous re-registration fee to use the rec center.
- I live in Genesee county.
- Original plan held pathways connecting all parks and along river
- #1. You don't have pickleball courts so I go to Clinton Township. #2. I don't like the current Indoor practice/rule of charging our non resident neighbors double the price for inside pickleball. #3. We have really missed the opportunity to be the major Pickleball hub in our area. residents and non residents should be charged the same price and we should consider "ladder leagues" like Troy has.
- Do not live near them
- I play pickleball often
- I prefer golf and pickleball
- I go to parks that have >5 miles of mountain bike trails.
- Most of them noted are way 'north'
- Not enough Pickle Ball courts
- No outdoor pickleball
- Not much to do in the parks. Need more things. Lighted tennis courts would be nice.
- Pickleball
- I go to the Clinton twp. Outdoor pickleball courts.
- I enjoy the parks with my grandchildren too!!
- I wish there were more sidewalks.
- Too many mosquitos sometimes
- I don't live very close
- No safe walking pathway to park, park is not open all year round.
- To elaborate on my answers, I think your parks and recreation activities are great and have a lot of offerings that cover a wide range of individuals. For me, I am an avid volleyball player who doesn't want to be committed to a league. Romeo P&R offers drop-in volleyball two nights a week for \$2/night so you can attend when you are able. In addition, I'm a avid cyclist (3,000 miles/year) and use the Macomb Orchard Trail, Stony Creek and area roads to do that. With the volume of traffic and the lack of bike lanes and wide shoulders, it's nearly impossible to ride here (or else ride through subdivisions). Thus, for my activities, it's hard to stay in Macomb Twp., but again I appreciate the variety of activities you make available. Thanks!
- Not enough natural areas for hiking, exploring.
- Wish that there were more walking/biking trails and that I could get to them by bike
- I live near Waldenburg park however there are way too many bugs.
- Would love to have splash pad and pickle ball courts at least one of our parks!
- Lacks sledding hills
- Just moved in in December
- All of our parks have sidewalks to nowhere. It is important that people can safely get to the parks by walking or biking!!
- No sidewalk connecting neighborhood to park was the reason, but now that the park is connected via sidewalks my use has increased. However, since the only way to safely cross 21 mile is at Heydenriech, this adds one mile to my bike ride versus simply crossing at riverwoods and 21. Can a pedestrian crosswalk light at the park entrance be funded with a grant?
- Like to bike ride and walk dogs in nature setting, Macomb doesn't offer that outside of Waldenburg with limited space.
- Macomb has no trails, no connection to Macomb Orchard trail, no sidewalks. It is a community that you are required to drive a car to. If I am going to drive to ride my bike or run, I will go to the trails or to Stony Creek.
- We need more safe sidewalks and cross walks for kids and adults to bike around the community. The roads are too busy and unsafe to ride along, especially with elementary aged children. Worst thing about living in Macomb Twp in my opinion. moved from Sterling Heights and there are many options to ride to Dodge Park and to restaurants/stores. Much easier to exercise by leaving the neighborhood. Would be willing to pay tax assessment to get all sidewalks in quickly, problem is very bad in north end.
- The paths are not long enough. I use River Bend Park to walk.
- Often find the parks closed in the morning when I go to use them. Even after posted open hours.
- No dog parks
- Waldenburg park needs more space ,trails and options for exercise.



- We used to take our grandchildren but have not lately.
- Wish Macomb Corners sidewalk would to Luchtman Road.
- Biking trails x 10 - Please provide connections to existing trails like Macomb-Orchard.
- No mt. Bike trails.
- Macomb does not have mountain biking trails and not enough bike trails.
- Outdoor tennis courts would be my favorite.
- Bike to and from is limited. Why cant Macomb communities and parks be linked by a progressive off road bike friendly trails/path? Most roads do not even have walking or biking paths.
- I go to parks in Shelby Twp, Sterling Heights and many in Oakland County. Oakland Co. has an excellent county park system.
- Parks need to be connected to neighborhoods so people can get to them.
- Can not reserve pavilion at the parks for parties.
- I also use the Clinton Township dog park.
- Slides are not covered and are scalding hot by noon. No shaded benches for parents.
- I play on the outdoor pickleball courts in Clinton Twp.
- The play equipment is too young for my children; there is no outdoor pool at the rec center.
- I use one in New Baltimore more because of its splash pad for the kids.
- Location
- They basically are in New Haven and way far north then most Macomb Twp residents. We have to go to Clinton Township for their dog park and every other cities dog park.
- Need park closer to me.
- PLENTY of other options nearby.
- Too many mosquitos at Waldenburg.
- No real need to get to the Park at this time.
- I like variety so mix up park usage.
- The rec center is not open 24 hours. I would use the gym if it offered 24 hour availability.
- I take my dogs to a dog park in Oakland County.
- No dog park.
- The parks need more seating in shaded areas. Hot summer!
- I think I use them a lot!!
- I take my dog to the Clinton Township dog park to play in the dog park
- need sidewalks!!
- No bike trail. Too many mosquitos and too much flooding at Waldenberg.
- Can't take my dog off leash at the parks.
- I want one with a splash park!
- Want a park w a splash pad
- Only one I know of in southern Macomb Twp.
- Would like to see more nature and helping our pollinators such as honey bees and MONARCH Butterflies.
- Better handicap accessible equipment at other parks
- Need longer trail/running path like the one that runs through Washington & Shelby or in a dedicated park that has 3-6 miles long
- I have to drive to another community to get on a bike path isn't it ...been fighting for a path in the Town Center just from here to city hall for 8 years!
- Sidewalks to parks would be huge and would definitely result in more usage from my family.
- There are no safe running trails nearby for runners to log miles in. A 5-10 mile access trail would be awesome. Examples: Stoney Creek Metro Park, Riverbends Park, Paint Creek Trail/Macomb Orchard Trail/Clinton River Trail
- I play pickleball outside in the summer.
- Annual family membership to the rec center is too expensive. I can join a gym for \$10 a month.
- The sidewalk to Waldenburg Park was only recently completed. That will make it more likely that we will visit in the future, but it's still kind of a long ride for our young kids. Otherwise, we find our parks to be very disappointing.
- Too crowded
- No bridge over river by Immunal Lutheran. It's unsafe to ride a bike in the street.
- I like walking the trail.



**Question 8 - I would like to see the following improvement(s) at Township parks:
(Select all that apply.)**

| Answer Choices | Responses | |
|---|-----------|-----|
| Community & farmers' market | 45% | 216 |
| Sidewalks, trails and paths that lead to parks. | 42% | 201 |
| Splash pad/park | 38% | 184 |
| More trails in parks | 36% | 175 |
| Sledding hill | 34% | 163 |
| Pickleball courts | 29% | 141 |
| Fitness trails & outdoor exercise machines | 23% | 110 |
| Concessions and food trucks | 23% | 109 |
| Playground structures | 23% | 108 |
| Natural areas | 22% | 106 |
| Off-leash dog park | 19% | 91 |
| Canoe/kayak launch | 19% | 89 |
| Fishing access | 17% | 81 |
| Picnic shelters | 17% | 80 |
| Tennis courts | 15% | 73 |
| Community garden plots | 15% | 70 |
| Benches | 13% | 61 |
| Groomed trails for cross-country skiing | 11% | 54 |
| Disc golf | 11% | 53 |
| Parking | 9% | 42 |
| Sensory gardens | 9% | 41 |
| Ball diamonds | 8% | 36 |
| Bike racks | 7% | 33 |
| Sports fields | 6% | 30 |
| Foot golf (soccer golf) holes | 6% | 28 |
| Information/interpretive signs within parks | 3% | 13 |
| Directional signs | 3% | 12 |
| | Answered | 480 |
| | Skipped | 12 |



OPEN ENDED RESPONSES:

- Outdoor swimming pool.
- A bike path that connects between our parks, schools, libraries, and local restaurants.
- I was sad to see the homes being built east of the park. We enjoy the trees and paths.
- Bike paths.
- Mosquito Control.
- Better handicap parking
- Many master gardeners in Township may want to help.
- Pickleball.
- Mountain bike trails.
- Pickleball, It's a shame that a Macomb Township resident has to use all others' community centers to play this sport. There is not enough time on the indoor courts either, many of my friends work and can't make the day time hours you offer now. There should be at least one evening and weekend time!
- More parks.
- Pickleball courts.
- Pickleball is the fastest growing sport in the nation for all ages.
- Clinton Twp Pickleball outdoor courts host up to over 150 players daily on the weekend, and over 50 daily (weather permitting) This numbers will only grow with more court availability. Folks, this is the fastest growing sport in the country simply because there are no age limit segment or market. if 4 years, it will be an Olympic sport, and numbers will explode.
- Lighting for evening use of courts and trails
- Would really like to see the Township make the large pond between the Rec Center and Ice Rink accessible for walking and fishing with the redesign. My kids have fished in the pond on weekends before, there are large game fish and several small pan fish in the pond. They occupied their whole day fishing in that pond and staying out of trouble. Shelby Twp has Mae Stecker Park @ 24mi/VanDyke, with great tennis, playsets, basketball courts etc... Mae Stecker is always filled with families enjoying the fishing pond. Clinton Twp has their city park at Romeo Plank / Canal, which also has tennis, playsets, basketball courts etc...and a great fishing pond. Also the Township should add an outdoor pool to the Rec Ctr. It's hard to come there in the summer when its so nice outside and the swimming is indoor. Several cities around us have great outdoor pools that are always full during the summer. Troy has a great outdoor facility at 16mi and I-75. It would seem that with all the new housing that continues to be going up on every vacant piece of land in our township there has to be enough of a revenue base to complete several of these projects. Would love to participate in any township mtgs that would involve updating our parks.
- Pickleball is the fastest growing sport is good for all ages
- Outdoor pickleball courts-top priority!
- Outdoor pool.
- Swings.
- Shaded play structures.
- Trail along McBride drain, pier on the pond by rec center (paddle boats and fishing), pavilion, sledding hill (can be used as seating for the pavilion in the summer), outdoor pool, see Riverwalk Park, Naperville, IL.
- Swingsets.
- We moved from SH to Macomb when there was land for outdoor recreation. The river along Romeo Plank is ideal for a biking/hiking trail .
- More pickleball courts!
- Please connect the parks to the neighborhoods with sidewalks!
- Outdoor pool.
- Quiet sports free, playground free adult space.
- Swings at Waldenburg Park; rock climbing wall with ropes; nerf zone/course.
- More shade at Macomb Corners.
- Inclusive playground equipment for handicapped children.
- Mini golf.
- Trails for walking, biking, dog walking on leash (no dog parks).
- More parks, before all of the vacant properties become developed. Could leave them totally natural, reducing maintenance costs.
- Bike paths. Bike paths. Bike paths. Stranded at 26 & Romeo Plank.
- It seems as though the random round area at Waldenburg Park that is pretty much just gravel in front of the pavillion would be a perfect spot for a splash pad. If I could choose one upgrade for all of the park areas that would be it.
- Complete sidewalks wherever they dead end or by vacant fields and/or more bike/running trails. One or two pedestrian bridges over M-59 would allow safe crossing to businesses.
- Mountain bike trails!! Like River Bends park in Shelby Twp.
- More biking on an off trail for summer and groomed trails for winter.
- NO dogs parks--VERY UNHEALTHY FOR us and the dogs. Dogs get sick from other dogs feces, and other inhaled substances.
- Community pool outside with waterside or wave pool.
- Please build the dog park that was supposed to be on 21. I'm tired of driving to Clinton Twp or Mt. Clemens
- Repair what they already have. Make the stream better at Macomb Corners. Get rid of the wood chips at Macomb Corners play area and bring back the bouncy soft area.



- There is no way to ride a bike to many of the parks safely - trails or bike lanes to connect to other trail systems.
- Sledding hill/tabogan run, ice rink.
- At Macomb Corners park I was disappointed to see the rubber flooring replaced with mulch.
- I would like to see an outdoor community pool like that in Grosse Point or Metro Beach. There is no outdoor clean swimming pools close to our home. I would be willing to pay more in taxes to have a nice outdoor pool and there certainly is plenty of space for it near the rec center.
- PLEASE PLEASE if possible cover playground at Corners park with rubber foam like used to be. Now is just mulch. I know it is more expensive but is better and safer for kids. Thanks
- No off leash dog area and no splash pad/park(too much cost to build and keep up) food trucks on weekends or during special events would be nice.
- I would like to see Macomb be bike and walking friendly and reduce the demand on roads/cars. Right now nothing is connected by side walk or bike paths. Start at the macomb center and create bike paths out to the community !
- Outdoor pool at the Recreation Center.
- I'm most interest in large natural areas the occur in the northern part if the Township and beyond. Sterling Heights nature center, shadbush tract at River Bends Park in Shelby Twp, The wilder areas of Stony Creek MP are most interesting to me. I want to escape from the daily grind and be immersed in nature for rejuvenation.
- Ball diamonds for pick up games.
- Being able to rent picnic shelter.
- Bike paths, outdoor pickle ball courts.
- Where is our George George park? Splash pad? Why are parks locked in winter?!
- Dog Park is a great idea.
- Play equipment for disabled children.
- Sidewalks that lead to the parks.
- Shaded seating areas for parents while kids are playing.
- Outdoor pool at rec center.
- Community pool.
- Basketball courts.
- I would like trash can on the trail.
- Needs bike/running paths to connect subdivisions.
- Outdoor pickle ball courts.
- Wiffle or kickball fields, smaller diamonds.
- Keep basketball courts up to date. Add volleyball to Macomb Corners. Connect bike trails to Macomb Orchard Trail.
- More parks! I dislike having to drive 15 minutes to get to any of the parks. There are not enough parks for the population of Macomb Township.
- I would like for our parks to have safe equipment and a safe environment with an attractive up kept appearance of trees,flowers,trails and wildlife.
- Public Grills.
- Dog park is needed
- Community flower plots to help the honey bees and migrating butterflies such as the Monarch Butterfly.
- Outdoor pool and more parks.
- Sand in the gravel pit at Waldenburg.
- Most importantly is having safe access to parks. There are no or lacking sidewalks to bike to them, especially 25 Mile road. Needs to be fixed!
- Updated equipment at gym inside macomb rec center.
- Bleachers on soccer fields.
- Running trails in parks or a connector trail to Macomb Orchard Trail.
- Pool!
- Lower cost for Rec Center membership.
- #1 More trails!! Both for walking and biking.
- Seasonal outdoor pool.
- Splash pad.
- Radio control car track.
- Special needs programs.



QUESTION 9 - I would like to see more of the following activities and programs offered:

| Answer Choices | Responses | |
|--|-----------|-----|
| Concerts | 35.51% | 152 |
| Holiday and special events | 33.64% | 144 |
| Adult organized sports | 26.87% | 115 |
| Active senior activities | 26.17% | 112 |
| Wellness and therapeutic recreation | 24.53% | 105 |
| Youth organized sports | 23.83% | 102 |
| Arts and crafts | 22.43% | 96 |
| Day camps & summer camps | 22.43% | 96 |
| Directed exercise | 19.86% | 85 |
| Community theater | 17.99% | 77 |
| Preschooler programs | 17.06% | 73 |
| Environmental education | 16.36% | 70 |
| Ecology and environmental stewardship | 14.95% | 64 |
| Sports tournaments or races | 14.02% | 60 |
| Teen programs | 14.02% | 60 |
| Sport-specific training | 12.85% | 55 |
| Local history events | 12.15% | 52 |
| Programs for people with special needs | 10.28% | 44 |
| Geocaching | 9.58% | 41 |
| Life skills | 8.64% | 37 |
| Other (please specify) | 8.64% | 37 |
| | Answered | 428 |
| | Skipped | 64 |



OPEN ENDED RESPONSES:

- Less dogs and their messes on the paths.
- Twp operated golf facility.
- Paved bike/pedestrian trails.
- More evening senior exercise classes.
- Pickleball ladder leagues and same price for resident and non resident. We are already higher than the national average at \$5 national average is between \$2 to \$3 to play Pickleball. \$10 non resident indoor play is totally ridiculous and local friends can't come play, So I play with them in Clinton Township.
- Dog park with an agility course.
- Drop-in pickleball; pickleball ladder leagues.
- Pickleball tournaments.
- Pickleball events.
- Pickleball.
- Pickleball.
- Pickle Ball.
- More activities for seniors.
- Parking...Enough room for everyone when there is an event.
- Affordable, popular physical activities for kids that are not team oriented.
- Pickleball.
- Pickleball tournaments.
- Outdoor nature areas with trails - tired of going to other areas for a nature walk.
- More times for activities. Water aerobics only during day.
- Community chorus, orchestra or band, outdoor ice rink.
- A senior center that is staffed and open daily so that people can get together at most times and not just once or twice a month and not have reservations.
- Kid's yoga, kid's cooking classes, kid's theater, kid's choir, trunk or treat.
- Would be nice if the Township could acquire large properties and leave them mostly natural.
- Preschool programs on weekend.
- Evening daycare at the rec center so I can take advantage of the classes there after work
- Longer hours for the toddler in the pool.
- Dog park.
- Music events, food trucks, splash pads, farmers markets etc..
- Skate board park.
- Free and interesting activities for active seniors. Also a physical activity area for seniors.
- Hiking trails.
- Mother son dance like your daddy daughter dance so we don't have to go through Shelby.
- Radio controlled car club kids and adults could join.
- Adults only swim times.



QUESTION 10 - How do you learn about Macomb Township parks and recreation events and programs?

| Answer Choices | Responses | |
|---|-----------|-----|
| Newsletter | 48.45% | 219 |
| Social media | 45.35% | 205 |
| Friends and family | 39.60% | 179 |
| Gomtptr.org - the Macomb Township parks and recreation website. | 28.54% | 129 |
| Fliers/posters | 14.16% | 64 |
| Public access television | 1.99% | 9 |
| Other (please specify) | | 39 |
| | Answered | 452 |
| | Skipped | 40 |

OPEN ENDED RESPONSES

- In my tax bill!
- I belong to Macomb Rec/exercise center
- C&G Newspaper
- Macomb Township Chronicle
- I rarely hear about anything
- Going to Board of Trustee Meetings
- Would like emailed newsletter
- My business is located in Macomb Twp
- The catalog
- Chronicle newspaper
- Through REACH brochure
- City newspaper
- I have been in the Township a long time. You do nothing for us in the 48044 area!
- Local newspaper
- R.E.A.C.H.
- Macomb Township Chronicle
- Local newspaper
- Past membership.
- Still trying to find the best way.
- Macomb Township Chronicle
- We need more info in our mailboxes.
- Macomb Township Chronicle.
- We read local newspapers and at times read articles about such events.
- Macomb Township Chronicle
- Local weekly paper
- Community Facebook by accounts should be summarized and communicated to by PAR.
- Google.
- REACH catalogue
- Class schedule
- The rec center was one of the reasons we decided to retire in Macomb.
- I don't receive much info
- Keep up on social media with events.
- REACH catalog
- Recreation Brochure





MACOMB TOWNSHIP

APPENDIX B

PLAN CERTIFICATION CHECKLIST



COMMUNITY PARK, RECREATION, OPEN SPACE, AND GREENWAY PLAN CERTIFICATION CHECKLIST

By Authority of Parts 19, 703 and 716 of Act 451, P.A. 1994, as amended, submission of this information is required for eligibility to apply for grants

INSTRUCTIONS: Complete, obtain certification signatures and submit this checklist with a locally adopted recreation plan.

All recreation plans are required to meet the content and local approval standards listed in this checklist and as outlined in the *Guidelines for the Development of Community Park, Recreation, Open Space and Greenway Plans* provided by the Michigan Department of Natural Resources (DNR). Plans must be submitted to the DNR **with** a completed checklist that has been signed by an authorized official(s) of the local unit of government(s) submitting the plan. Plans may be submitted at any time of the year, but no later than March 1 of the year the local unit of government is applying for grants.

| PLAN INFORMATION | | |
|---|--------|---|
| Name of Plan: MACOMB TOWNSHIP 5-YEAR RECREATION PLAN 2018-2022 | | |
| List the community names (including school districts) that are covered under the plan and have passed a resolution adopting the plan. | County | Month and year plan adopted by the community's governing body |
| MACOMB TOWNSHIP | MACOMB | DECEMBER 2017 |
| | | |
| | | |
| | | |
| | | |

| PLAN CONTENT |
|--------------|
|--------------|

INSTRUCTIONS: Please check each box to certify that the listed information is included in the final plan.

- 1. COMMUNITY DESCRIPTION**
- 2. ADMINISTRATIVE STRUCTURE**
 - Roles of Commission(s) or Advisory Board(s)
 - Department, Authority and/or Staff Description and Organizational Chart
 - Annual and Projected Budgets for Operations, Maintenance, Capital Improvements and Recreation Programming
 - Current Funding Sources
 - Role of Volunteers
 - Relationship(s) with School Districts, Other Public Agencies or Private Organizations
 - Regional Authorities or Trailway Commissions Only:**
 - Description of the Relationship between the Authority or Commission and the Recreation Departments of Participating Communities
 - Articles of Incorporation
- 3. RECREATION INVENTORY**
 - Description of Methods Used to Conduct the Inventory
 - Inventory of all Community Owned Parks and Recreation Facilities
 - Location Maps (site development plans recommended but not required)
 - Accessibility Assessment
 - Status Report for all Grant-Assisted Parks and Recreation Facilities
 - Waterways Inventory (if applicable)
- 4. RESOURCE INVENTORY (OPTIONAL)**
- 5. DESCRIPTION OF THE PLANNING PROCESS**

6. DESCRIPTION OF THE PUBLIC INPUT PROCESS

Description of the Method(s) Used to Solicit Public Input Before or During Preparation of the Plan, Including a Copy of the Survey or Meeting Agenda and a Summary of the Responses Received

Copy of the Notice of the Availability of the Draft Plan for Public Review and Comment

Date of the Notice 11/08/2017

Type of Notice NEWSPAPER

Plan Location TOWNSHIP HALL AND WEBSITE

Duration of Draft Plan Public Review Period (Must be at Least 30 Days) 30 DAYS

Copy of the Notice for the Public Meeting Held after the One Month Public Review Period and Before the Plan's Adoption by the Governing Body(ies)

Date of Notice DECEMBER 14, 2017

Name of Newspaper MACOMB CHRONICLE

Date of Meeting DECEMBER 20, 2017

Copy of the Minutes from the Public Meeting

7. GOALS AND OBJECTIVES

8. ACTION PROGRAM

9. POST-COMPLETION SELF-CERTIFICATION REPORT(S)

PLAN ADOPTION DOCUMENTATION

APPROVAL DOCUMENTATION: For multi-jurisdictional plans, each local unit of government must pass a resolution adopting the plan. Prepare and attach a separate page for each unit of government included in the plan.

1. Official resolution of adoption by the governing body dated: DECEMBER 20, 2017

2. Official resolution of the _____ Commission or Board, recommending adoption of the plan by the governing body, dated: _____

3. Copy of letter transmitting adopted plan to County Planning Agency dated: DECEMBER 22, 2017

4. Copy of letter transmitting adopted plan to Regional Planning Agency dated: DECEMBER 22, 2017

OVERALL CERTIFICATION

NOTE: For multi-jurisdictional plans, Overall Certification must include the signature of each local unit of government. Prepare and attach a separate signature page for each unit of government included in the plan.

I hereby certify that the recreation plan for

MACOMB TOWNSHIP

(Local Unit of Government)

above and as set forth by the DNR.

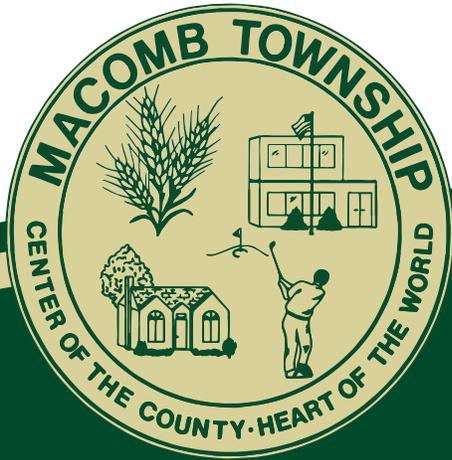
includes the required content, as indicated

Janet S. Dunn 2-26-18
Authorized Official for the Local Unit of Government Date

This completed checklist must be uploaded in MiRecGrants.







MACOMB TOWNSHIP

APPENDIX C PUBLIC HEARING MINUTES

The Township Planner stated that a delay on approving this would not have be an issue with regards to the physical development of the land, it would most likely delay the ability to get grant funding for it this year.

The Township Engineer made comments regarding studies done for the area and the types of mitigating circumstances that a builder would have to go through in order to use the parcel as a suitable residential development.

It was restated that the action being requested this evening was to approve a proposal for Professional Planning Services for the development of a possible Township Park.

MOTION by KRZEMINSKI seconded by GOODHUE to accept the FTCH proposal, in the amount of \$14,900, for professional planning services for a potential park at 24 Mile Road and Foss Road property.

**Ayes: Krzeminski, Goodhue, Nevers, Dunn
Nays: Bussineau, Pozzi
MOTION carried.**

PUBLIC HEARING

- 11. Parks & Recreation 2018-2022 Recreation Plan

The Supervisor opened the Public Hearing at 8:05 p.m.

The Public Hearing was closed at 8:06 p.m.

- 12. Request to adopt Parks & Recreation 2018-2022 Recreation Plan Resolution

Macomb Township
County of Macomb, State of Michigan
TO ADOPT THE 2018-2022 5-YEAR RECREATION PLAN

The following resolution was offered by Member Krzeminski and supported by member Goodhue:

Whereas, Macomb Township developed a 5- year Parks and Recreation Master Plan which describes the physical features, existing recreation facilities, and the desired actions to be taken to improve and maintain recreation facilities during the period between 2018 and 2022; and

Whereas, Macomb Township solicited public input for the Plan through an online survey that had 492 responses from September 27 to October 27 2017; and



MACOMB TOWNSHIP BOARD OF TRUSTEES
MEETING MINUTES & PUBLIC HEARING
WEDNESDAY, DECEMBER 20, 2017

Whereas, the Plan was available for public review and comment at the Township Hall for a period of thirty (30) days beginning on November 8 , 2017 and ending on December 9, 2017; and

Whereas, Macomb Township developed the Plan for the benefit of the entire community and desires to adopt the Plan as a tool to assist in meeting the recreation needs of the Township; and

Whereas, a public hearing was held at the regularly scheduled Township Board meeting on December 20, 2017 to take further public comment; now

Therefore Be It Resolved, that the Macomb Township Board hereby adopts the Macomb Township 2018-2022 5-Year Recreation Plan as the blueprint to improve recreation for Township Residents.

MOTION by Krzeminski seconded by Goodhue to adopt the resolution for the 2018-2022 5 year recreation plan.

Roll Call:

Yeas: Krzeminski, Goodhue, Bussineau, Nevers, Pozzi, Dunn

Nays: None

Absent: Bucci

RESOLUTION declared adopted this 20th day of December, 2017.

NEW BUSINESS

CLERKS OFFICE

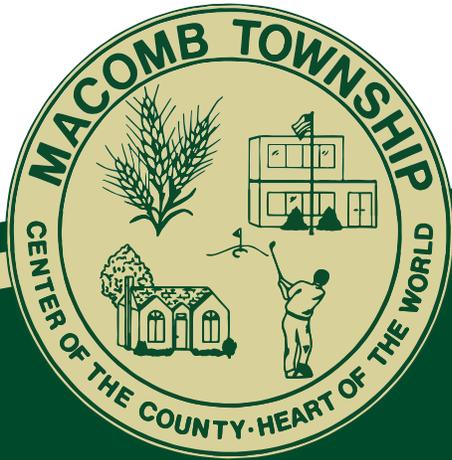
- 13. Request to purchase Laserfiche Starter Audit Trail

The Records Manager presented this matter to the Board and requested that the Laserfiche Starter Audit Trail be added to the software suite currently being utilized by the Township. This is in scope with what the long range plan was from when the system was purchased. The improved functionality of this module will enhance the Township’s ability to document any actions that occur with users and the records repository.

MOTION by Pozzi seconded by Krzeminski to authorize the expenditure of \$5,241.67, from account 101-265-977.002, for the purchase of the Laserfiche Starter Audit Trail.

MOTION carried.





MACOMB TOWNSHIP

APPENDIX D
TOWNSHIP BOARD
ADOPTION RESOLUTION

**Macomb Township
County of Macomb, State of Michigan
TO ADOPT THE 2018-2022 5-YEAR RECREATION PLAN**

The following resolution was offered by Member and supported by member:

WHEREAS, Macomb Township developed a 5-year Parks and Recreation Master Plan which describes the physical features, existing recreation facilities, and the desired actions to be taken to improve and maintain recreation facilities during the period between 2018 and 2022; and

WHEREAS, Macomb Township solicited public input for the Plan through an online survey that had 492 responses from September 27 to October 27 2017; and

WHEREAS, the Plan was available for public review and comment at the Township Hall for a period of thirty (30) days beginning on November 8 , 2017 and ending on December 9, 2017; and

WHEREAS, Macomb Township developed the Plan for the benefit of the entire community and desires to adopt the Plan as a tool to assist in meeting the recreation needs of the Township; and

WHEREAS, a public hearing was held at the regularly scheduled Township Board meeting on December 20, 2017 to take further public comment; now

THEREFORE BE IT RESOLVED, that the Macomb Township Board hereby adopts the Macomb Township 2018-2022 5-Year Recreation Plan as the blueprint to improve recreation for Township Residents.

Roll Call:

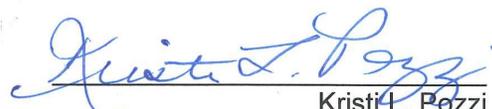
Yeas: Krzeminski, Goodhue, Bussineau, Nevers, Pozzi, Dunn

Nays: None

Absent: Bucci

RESOLUTION declared adopted this 20th day of December, 2017.

I hereby certify that the forgoing resolution was adopted at a duly held and attended regular meeting the 20th of December, 2017, by the Macomb Township Board, by a vote of six members voting in favor thereof and no members voting against.


Kristi L. Pozzi
Township Clerk



MACOMB TOWNSHIP

APPENDIX E
COVER LETTERS TRANSMITTING THE PLAN
TO MACOMB COUNTY AND SEMCOG



MACOMB TOWNSHIP

54111 BROUGHTON ROAD • MACOMB, MI 48042 • 586-992-0710

December 22, 2017

SUPERVISOR
Janet I. Dunn

CLERK
Kristi L. Pozzi

TREASURER
Karen M. Goodhue

TRUSTEES
Dino F. Bucci, Jr.
Timothy F. Bussineau
Roger M. Krzeminski
Nancy J. Nevers

Macomb County Planning and Economic Development
ATTN: JOHN PAUL REA
1 S Main, 7th Floor
Mount Clemens, Michigan 48043

RE: 2018-2022 MACOMB TOWNSHIP 5-YEAR RECREATION PLAN

Dear Mr. Rea:

We are pleased to present our duly adopted 2018-2022 5-Year Recreation Plan to Macomb County. The Township held a 30 day review period for the draft plan from November 9 to December 9, 2017. The Township Board held a public hearing for the plan on December 20, 2017. The Township Board unanimously passed a resolution adopting the enclosed plan after the public hearing.

Please contact our office if Macomb County desires any additional materials or information.

Respectfully,

Patrick S. Meagher, AICP
Planning Director

PSM\hdp





MACOMB TOWNSHIP

54111 BROUGHTON ROAD • MACOMB, MI 48042 • 586-992-0710

December 22, 2017

SUPERVISOR
Janet I. Dunn

CLERK
Kristi L. Pozzi

TREASURER
Karen M. Goodhue

TRUSTEES
Dino F. Bucci, Jr.
Timothy F. Bussineau
Roger M. Krzeminski
Nancy J. Nevers

Southeast Michigan Council of Governments
ATTN: KATHLEEN LOMAKO
1001 Woodward Avenue, Suite 1400
Detroit, Michigan 48226

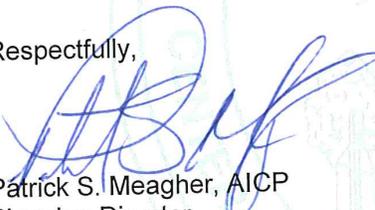
RE: **2018-2022 MACOMB TOWNSHIP 5-YEAR RECREATION PLAN**

Dear Ms. Lomako:

We are pleased to present our duly adopted 2018-2022 5-Year Recreation Plan to SEMCOG. The Township held a 30 day review period for the draft plan from November 9 to December 9, 2017. The Township Board held a public hearing for the plan on December 20, 2017. The Township Board unanimously passed a resolution adopting the enclosed plan after the public hearing.

Please contact our office if SEMCOG desires any additional materials or information.

Respectfully,



Patrick S. Meagher, AICP
Planning Director

PSM\hdp

