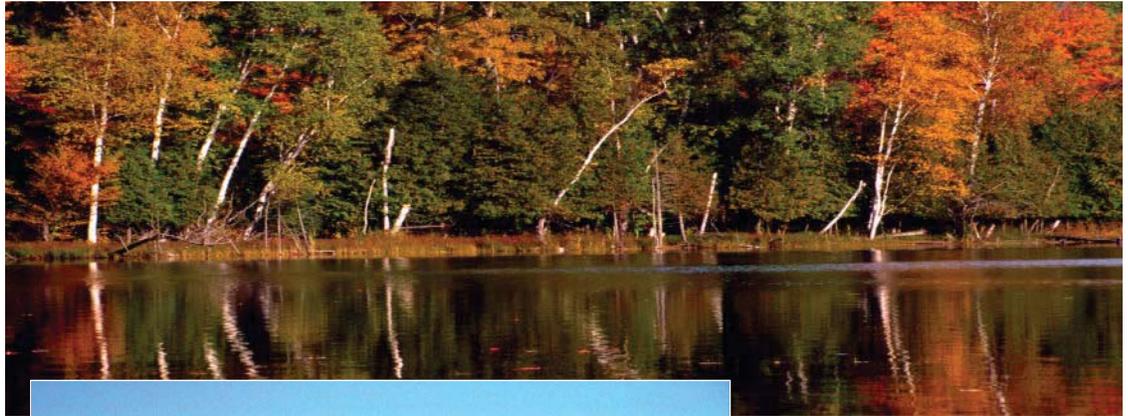


Tuscarora Township

Cheboygan County, Michigan

Recreation Plan



2017 - 2021



With the Assistance of:
Northeast Michigan Council of Governments
80 Livingston Blvd, Suite 108
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Gaylord, MI 49734
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Tuscarora Township Board:

Mike Ridley
Susan Fisher
Bobbi Balazovic
Janet Vance
Craig Waldron

Adopted: February XX, 2017

**Tuscarora Township Recreation Plan
2017 - 2021**

Tuscarora Township
Cheboygan County, Michigan

Adopted: **February XX, 2017**

Prepared for:

Tuscarora Township Board of Trustees

Members:

Mike Ridley, Supervisor
Susan Fisher, Clerk
Bobbi Balazovic, Treasurer
Janet Vance, Trustee
Craig Waldron, Trustee

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**TUSCARORA TOWNSHIP
RECREATION PLAN**

Table of Contents

CHAPTER 1: COMMUNITY DESCRIPTION

Extent of Plan Focus.....	1-1
Regional Setting and Historical Context	1-1
Transportation	1-2
Population.....	1-2
Climate	1-4
Wetlands.....	1-4
Water Resources.....	1-4
Fish and Wildlife.....	1-5
State of Michigan Land	1-7
Soil Limitations/Topography	1-8
Existing Land Use/Land Cover Characteristics.....	1-8

CHAPTER 2: ADMINISTRATIVE STRUCTURE

Administration.....	2-1
Planning Commission.....	2-1
Parks and Recreation Commission.....	2-1
Additional Township Commissions and Boards	2-2
Staff/ Parks & Recreation Maintenance	2-2
Administrative Chart	2-3
Relationships with Other Agencies & Role of Volunteers.....	2-4
Finances/Park & Recreation Maintenance: Current Funding.....	2-5

CHAPTER 3: DESCRIPTION OF THE PLANNING PROCESS

Tuscarora Township Planning Process.....	3-1
Public Input	3-2
Notice of Public Input Session	3-3
Minutes/Notes From Public Input Session.....	3-4
Notice of Availability	3-5
Parks & Recreation Commission Resolution of Adoption.....	3-6
Public Hearing Notice	3-7
Township Board Resolution of Adoption.....	3-8
Township Board Minutes	3-9
Submittal Letters	3-10

CHAPTER 4: RECREATION INVENTORY

Township Owned Recreation Property & Facilities.....	4-1
Cooperation Park	4-1
DeVoe Beach & Veterans Pier.....	4-2
Marina Park	4-3
Green Docks	4-3
Hide Away Park.....	4-4
Tuscarora Township Hall and Library.....	4-4
Other Publicly-Owned Recreation Properties	4-4
Burt Lake State Park.....	4-4
Inland Lakes Schools.....	4-4

Inland Waterway.....	4-4
State lands.....	4-5
Trails.....	4-5
Preserves.....	4-5
Campgrounds.....	4-5
Water Access Sites.....	4-5
Oden State Fish Hatchery.....	4-5
Privately-Owned Recreational Facilities.....	4-6
Indian River Golf Course	4-6
National Shrine of the Cross in the Woods	4-6
The Sportsmen's Club.....	4-6
Burt lake Community Club.....	4-6
Big Bear Miniature Golf.....	4-6
BrassWind Landing.....	4-6
Camps.....	4-6
Campgrounds.....	4-6
Marinas	4-6
Motels	4-6
Canoe/Kayak/Tube Rentals	4-6
Regional Recreation in the "Tip of the Mitt"	4-9
Parks.....	4-9
Campgrounds.....	4-9
Boat and Water Access Sites.....	4-10
Public Fishing Access Sites.....	4-13
Marinas, Harbors, Ferry Service.....	4-13
Wildlife Flooding Areas.....	4-13
Unique Natural Features.....	4-13
Trailheads	4-14
Downhill Skiing	4-14
Inventory Procedures.....	4-14
Recreation Grant Inventory	4-14

CHAPTER 5: GOALS, OBJECTIVES & ACTION PLAN

General Goals.....	5-1
Cooperation Park.....	5-2
DeVoe Beach.....	5-2
Marina Park	5-3
Green Docks	5-3
West Burt Lake Area.....	5-3
Trails	5-4
Water Access	5-4
Basis for Action Program.....	5-5
Capital Improvements Plan	5-7

LIST OF MAPS

Map 1 Regional Location 1-3

Map 2 Wetlands & Water Resources 1-6

Map 3 Public Lands..... 1-7

Map 4 Soil Conditions..... 1-9

Map 5 Existing Land Use/Land Cover 1-10

Map 6 Recreational Facilities..... 4-8

LIST OF TABLES

Table 1 Existing Land Use/Land Cover 1-8

Table 2 Current & Future Fiscal Year Budget 2-5

Table 3 Capital Improvements Schedule..... 5-7

APPENDICES

- Appendix A:** Recreation Plan Certification Checklist
- Appendix B:** Post Completion Self Certification Reports

CHAPTER 1: COMMUNITY DESCRIPTION

Extent of Plan Focus

This Recreation Plan addresses recreational facilities and plans within the boundaries of Tuscarora Township. The plan will evaluate the surrounding recreational opportunities as well as the socio-economic status of Tuscarora Township and the surrounding area in order to determine recreational needs of the population and to plan for improvements which fit those needs.

Regional Setting and Historical Context

Tuscarora Township is ideally situated for year-round outdoor recreation. The Township is located on the west side of Cheboygan County in the northern tip of the Lower Peninsula and comprises a total area of 42 square miles. The Township is adjacent to Burt and Mullett Townships on the north, Koehler Township on the east, Mentor and Ellis Townships on the south, and Littlefield and Springvale Townships in Emmet County on the west. **Map 1** shows the general location of Tuscarora Township. Two unincorporated communities, Indian River and Burt Lake, serve as population centers for the Township. With its central location, just off I-75 and in the heart of the very popular Inland Waterway, Tuscarora Township is a primary gateway for visitors reaching the region. The Township - with its proximity to large tracts of State Forestland, location between two of the State's largest lakes, Burt and Mullett, and home to blue-ribbon trout stream, the Sturgeon River - has become a popular destination for fishing, hunting, boating, hiking, snowmobiling and many other forms of outdoor recreation.

As with all of the United States, Tuscarora Township was originally the homeland for Native Americans. In the early 1600's, the French explored the area and established a profitable fur business and missions. In the mid 1700's, both the British and French courted the friendship of the Native Americans. Control of the Michigan territory was in a state of flux between the nations for about 100 years.

In 1828, the area that is now Cheboygan County was part of Michilimackinac County. It was transferred to Mackinac County in 1840. In 1856, Cheboygan County was vastly enlarged to include most of Northeast Michigan. At one time, Cheboygan County was divided into the two counties of Cheboygan and Wyandot. From 1860 to the present, Cheboygan County's boundaries have remained essentially the same. The area was first surveyed from 1840 to 1843, by State surveyors Messrs. Burt and Mullett. Burt and Mullett Lakes are named in their honor.

Tuscarora Township is located at the heart of the "Inland Water Route". The "Inland Water Route" has been important in the early development of the Cheboygan area. The route consists of the Cheboygan River, Mullett Lake, Indian River, Burt Lake, Crooked River, Crooked Lake and Pickerel Lake. This connected waterway provides access between Lake Huron at Cheboygan and Conway (a village nine miles north of Petoskey). The route has always been heavily used. At first the Native Americans paddled canoes through the water systems, then early crews used the route for commercial transportation of the great log booms of the late

1800's. It was later dredged and dammed to facilitate water travel. This water route is still heavily used to this day, mostly by small pleasure crafts.

With the settlement of northern Michigan by Europeans, the area's economic base went from fur trading to farming and timber. After a large amount of virgin timber was harvested in northern Michigan and agricultural practices began to become more modern, these two major industries saw a big decline in this region. Cheboygan County's economy was hit hard by the loss of jobs from these industries. Many of the area's residents left in order to find work in southern Michigan and elsewhere. At about the same time, however, the region began to become a popular recreation and resort area. Resorts were built in Cheboygan County on the "Little Great Lakes", as the lakes of the Inland Water Route were often called. This surge in the resort business helped the economy, but largely only during the summer months. As with all of the nation, Cheboygan County was devastated due to the Great Depression in the 1930's. A reawakening of the economy took place, however, in response to the need for goods and materials during World War II. With the advent of modern automobiles and the construction of I-75 through the Township, the region has grown into the community it is today.

Transportation

The major roads within the township are M-68, I-75, and S Straits Hwy/M-27 (Formerly US 27). M-68 runs east/west through the Township. I-75 runs north/south through the east side of the Township, and S Straits Hwy mostly parallels I-75 through the Township. Several paved county roads and an extensive system of dirt and gravel roads provide access to the lakes and forests that serve as sites for residential and recreational activities.

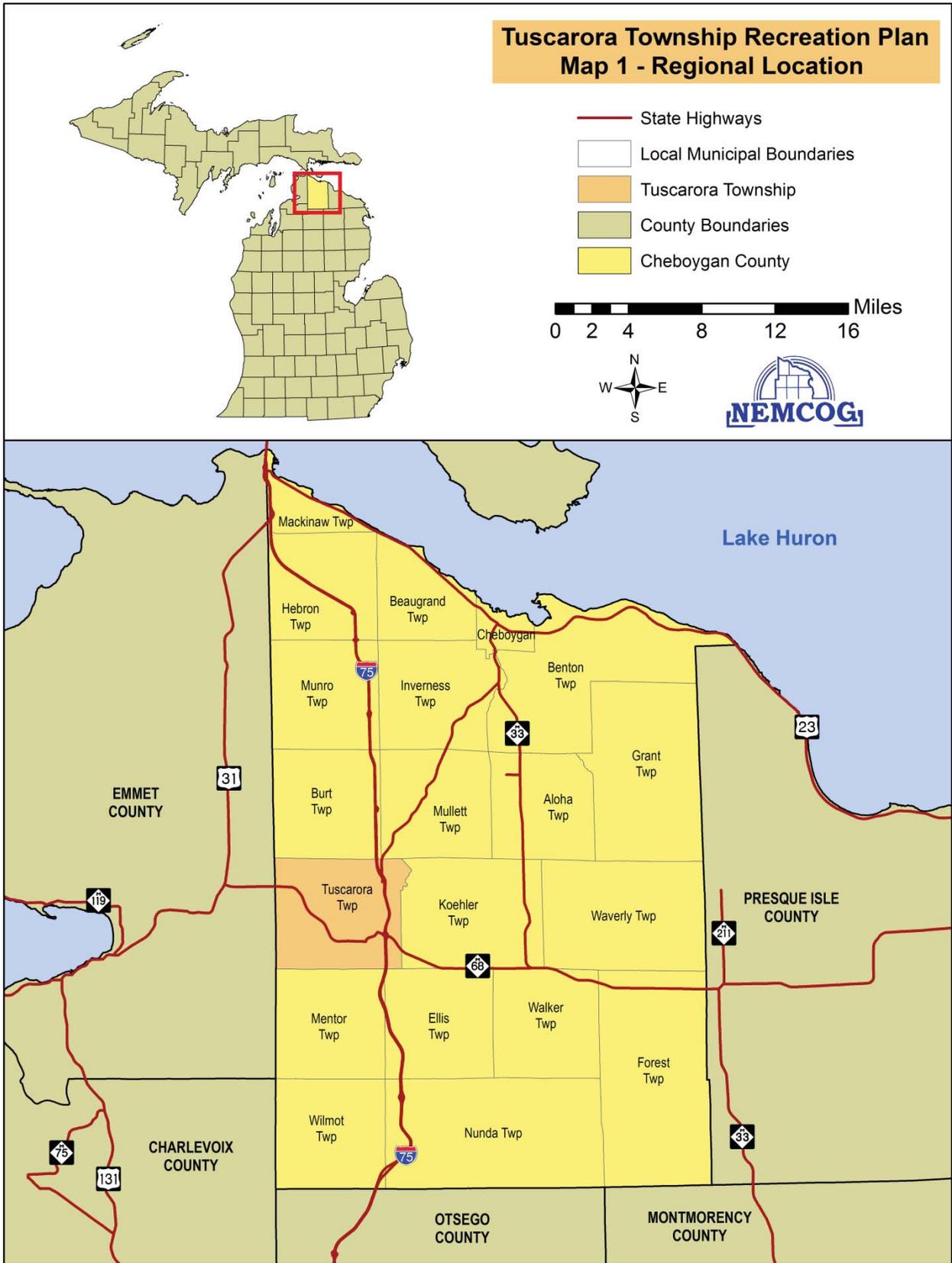
Public transportation is offered by Straits Regional Ride, a four-county transit system operated by Cheboygan County. Commercial passenger air service and air cargo service is available at Pellston Regional Airport. The community of Indian River also maintains an airport for private and chartered aircraft.

The former Lake State Railroad line, now know as the North Central State Trail, which connects Mackinaw City and Gaylord runs through the township and the community of Indian River. The beautiful 62-mile trail, newly resurfaced with crushed limestone in the fall of 2007, has become one of the premier cycling trails in the Midwest. The crushed, compacted limestone surface also provides excellent walking and hiking opportunities.

Population

According to the U.S. Census Bureau, the population for Tuscarora Township in 2010 was 3,038 persons. However, this does not reflect the seasonal residents of the Township. In reviewing the 2010 Census data, the figures presented for housing characteristics show 846 units as seasonal, recreational, or occasional use homes. Based on the average household size in Tuscarora Township of 2.23, the expected seasonal increase would be approximately 1,886 persons. In addition, many seasonal or recreational visitors stay at private lodging places or at the homes of family or friends.

Tuscarora Township Recreation Plan Map 1 - Regional Location



Climate

Tuscarora Township's long cold winters and short cool summers provide ample opportunities for year-round outdoor activities. Snowmobiling, skiing and ice fishing are just some of the areas popular winter sports, and summertime activities such as swimming, boating, fishing, hiking, and camping can be enjoyed when the weather turns warm. Spring-time brings out the mushroom hunters and bird watchers, while many await the autumn months for hunting and fall color tours.

The presence of the Great Lakes tends to keep the temperature near the shoreline portions of the county warmer in the winter and cooler during summer months than areas further inland. This affects the length of the growing season in various parts of the county. A growing season of as long as 140 days is not unusual for the lakeshore region. Tuscarora Township with its interior location, however, is limited to a shorter season, typically 70 to 80 days.

The average summertime temperature as recorded by the Cheboygan weather station is 65 degrees Fahrenheit, while the winter average is 21 degrees (data from NOAA;1960 through 2015). The overall annual average temperature for Tuscarora Township is 43 degrees, although variations occur. Historical temperature data shows county-wide temperature extremes, with temperatures ranging from the highest recorded temperature of 104 degrees on August 6, 1947, to a low of 35 degrees below zero on February 9, 1934.

Precipitation is well distributed throughout the year with the growing season, May to October receiving an average 15.3 inches, 50% of the total annual average. Average annual precipitation for the Indian River area is 30 inches. Snowfall ranges from 120-130 inches in Tuscarora Township.

Wetlands

A wetland is land where water is found, either on the surface or near the surface, at any time during the year. Poorly drained soils and water-loving vegetation also may be present. Wetlands are often referred to as marshes, swamps or bogs. Residents of Michigan are becoming increasingly more aware of the value of wetlands. Beyond their aesthetic value, wetlands improve water quality of lakes and streams by filtering polluting nutrients, organic chemicals and toxic heavy metals. Wetlands are closely related to high groundwater tables and serve to discharge and recharge aquifers. Additionally, wetlands support wildlife, and wetland vegetation protects shorelines from erosion. In Tuscarora Township, significant wetlands exist along stream channels, especially adjacent to the Sturgeon and Indian Rivers. The township's largest and most ecologically significant wetland area lies south of Mullet Lake, along the Indian River, and is locally known as the Indian River Spreads.

Water Resources

The abundance of waterways in Tuscarora Township are its defining characteristic. Several streams of varying sizes cut through the landscape providing habitat to a myriad of wildlife, and opportunities for quality fishing. The most prominent waterbody in the township is Burt Lake. The lake is the fourth largest inland lake in Michigan, with its northern half lying in Burt

Township, and the southern half covering over 25 percent of Tuscarora Township.

Major rivers and streams in the township include the Sturgeon River, which begins to the south in Otsego County and flows north into Burt Lake near Indian River. The Sturgeon River contributes 50% of all water entering Burt Lake. The Indian River, which connects Burt Lake to Mullet Lake, serves as a focal point of the Inland Waterway. Encompassing a good deal of northern Michigan, the Inland Waterway stretches from Round Lake in Emmet County to the mouth of the Cheboygan River at Lake Huron. All waters in the township and Cheboygan County drain into the Cheboygan River watershed system and eventually into Lake Huron. **Map 2** shows the wetlands and water resources within Tuscarora Township.

Fish and Wildlife

Tuscarora Township's varied topography, climate, abundant inland waters and forests provide extensive fish and wildlife habitats. Some of the species found in the area include wild turkey, pileated woodpecker, black bear, coyote, deer and numerous songbird species. A few of the rare or endangered species found within the township include Michigan Monkey Flower, Lake Cress, Hill's Thistle, Allegheny Plum, Bald Eagle, Red Shouldered Hawk, Common Loon, and the Eastern Massasauga Rattle Snake.

Tuscarora Township's waterways also teem with life. Burt Lake is home to 49 species of fish including Trout, pike, walleye, perch, and abundant panfish. In addition, the lake is periodically stocked with lake sturgeon and rainbow trout in cooperative efforts between the Michigan Department of Natural Resources, Little Traverse Bay Band of Odawa Indians (LTBB), Sturgeon for Tomorrow (SFT) and the Burt Lake Preservation Association (BLPA). Multiple trout species swim the waters of the Sturgeon River, and the Indian River is a spawning ground for the Great Lakes' muskellunge population.

Tuscarora Township Recreation Plan

Map 2 - Wetlands & Water Resources



- Wetland Class**
- Emergent
 - Forested
 - Open Water
 - Scrub-Shrub
- State Highways
 County Roads
 Rivers/Streams



State of Michigan Land

State land covers a significant portion of Tuscarora Township (**Map 3**). Together, the Mackinaw State Forest covers approximately 4,370 acres or over 16 percent of Tuscarora Township.



Soil Limitations/Topography

Soil characteristics help to define the land's capacity to support certain types of land uses. Soils most suitable for development purposes are well drained and are not subject to a high water table. Adequate drainage is important to minimizing stormwater impacts and the efficient operation of septic drainfields. Adequate depth to the water table is necessary to prevent groundwater contamination from septic systems or other non-point source runoff. A high water table also limits the construction of basements. Though civil engineering techniques can be employed to improve drainage and maintain adequate separation from the water table, such techniques are expensive to construct and maintain. **Map 4** illustrates specific soil conditions, which may pose constraints to building construction. The map shows hydric or wetland type soils scattered throughout the Township and in areas generally adjacent to the waterbodies. Some of these areas may be considered unbuildable. Soils with slopes greater than twelve percent are also noted on the map, because they may present development challenges. While soil condition information discussed in this report can be used for general guides for the planning process, it should not be used for development of specific sites. More detailed soil and vegetation information for specific sites may be obtained from *Soil Survey of Cheboygan County, Michigan* by contacting the Natural Resources Conservation Service for Cheboygan County.

The topography of Tuscarora Township ranges from 577-643 feet above sea level at the shore line of Burt Lake to gently rolling hills that reach an elevation of 907-971 feet above sea level. The higher elevations in the township correspond markedly with the areas of glacial outwash plains.

Existing Land Use/Land Cover Characteristics

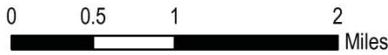
Table 1 provides a breakdown of land cover/land use in Tuscarora Township. Of the 42 square miles encompassed in Tuscarora Township, only 29.5 square miles is land area. The remaining area is water, with Burt Lake accounting for the majority of that. **Map 5** shows that large areas of woodlands occur throughout the Township, with the State Forest lands primarily occurring in the southern part of the Township.

Table 1: Existing Land Use/Land Cover, 2009		
LAND USE/LAND COVER CATEGORY	ACRES	PERCENT
Upland forest	8,793	32.7%
Water	8,147	30.3%
Residential	3,442	12.8%
Non-forested uplands	1,694	6.3%
Lowland forest	1,533	5.7%
Non-forested wetlands	968	3.6%
Institutional/Recreational	807	3.0%
Industrial/Transportation	672	2.5%
Commercial	484	1.8%
Agricultural	350	1.3%
Totals	26,890	100.0%

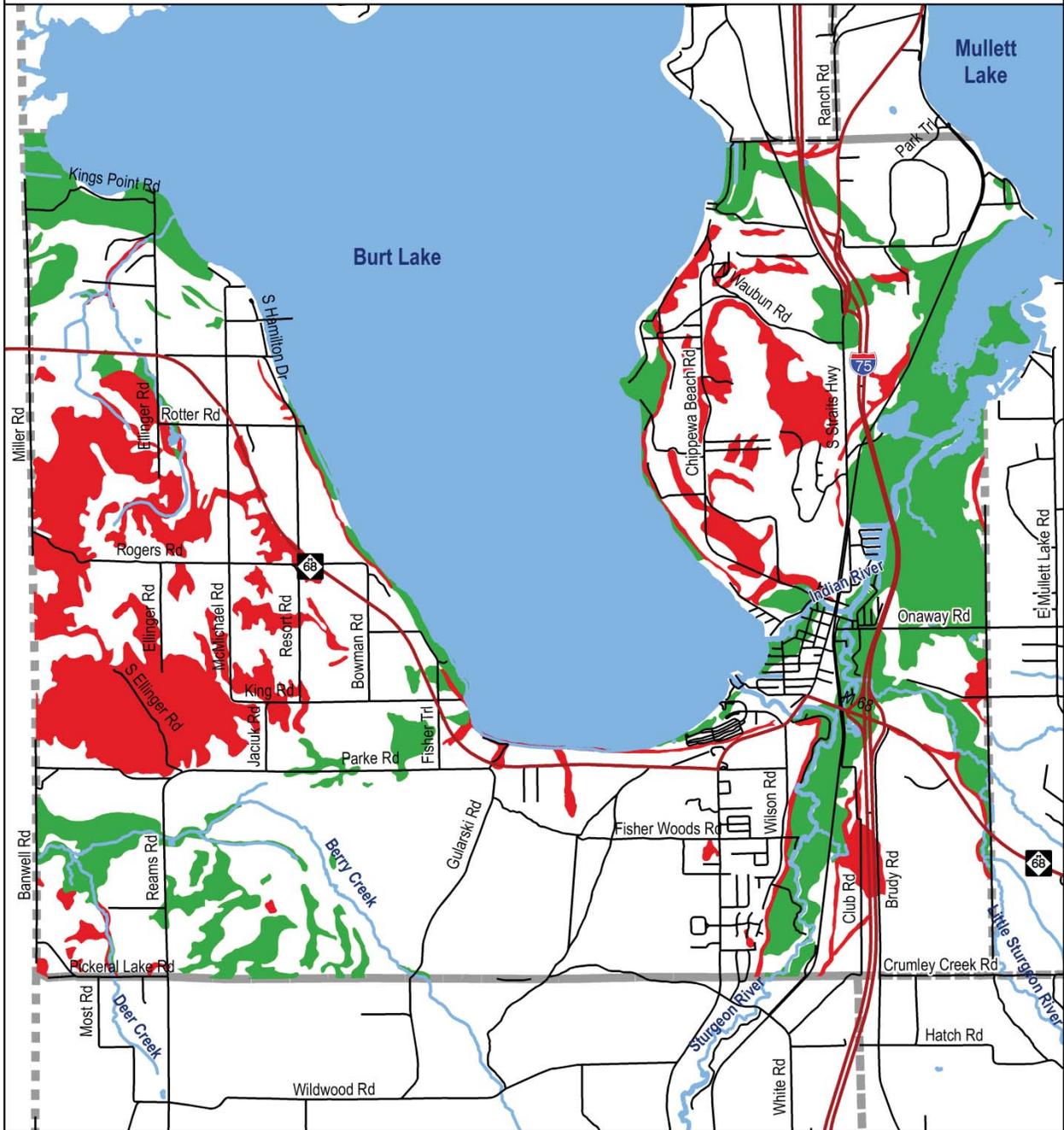
Source: 2012 Tuscarora Township Master Plan Update

Tuscarora Township Recreation Plan

Map 4 - Soil Conditions



- State Highways
- County Roads
- Rivers/Streams
- Lakes
- Hydric Soils
- Severe Slopes



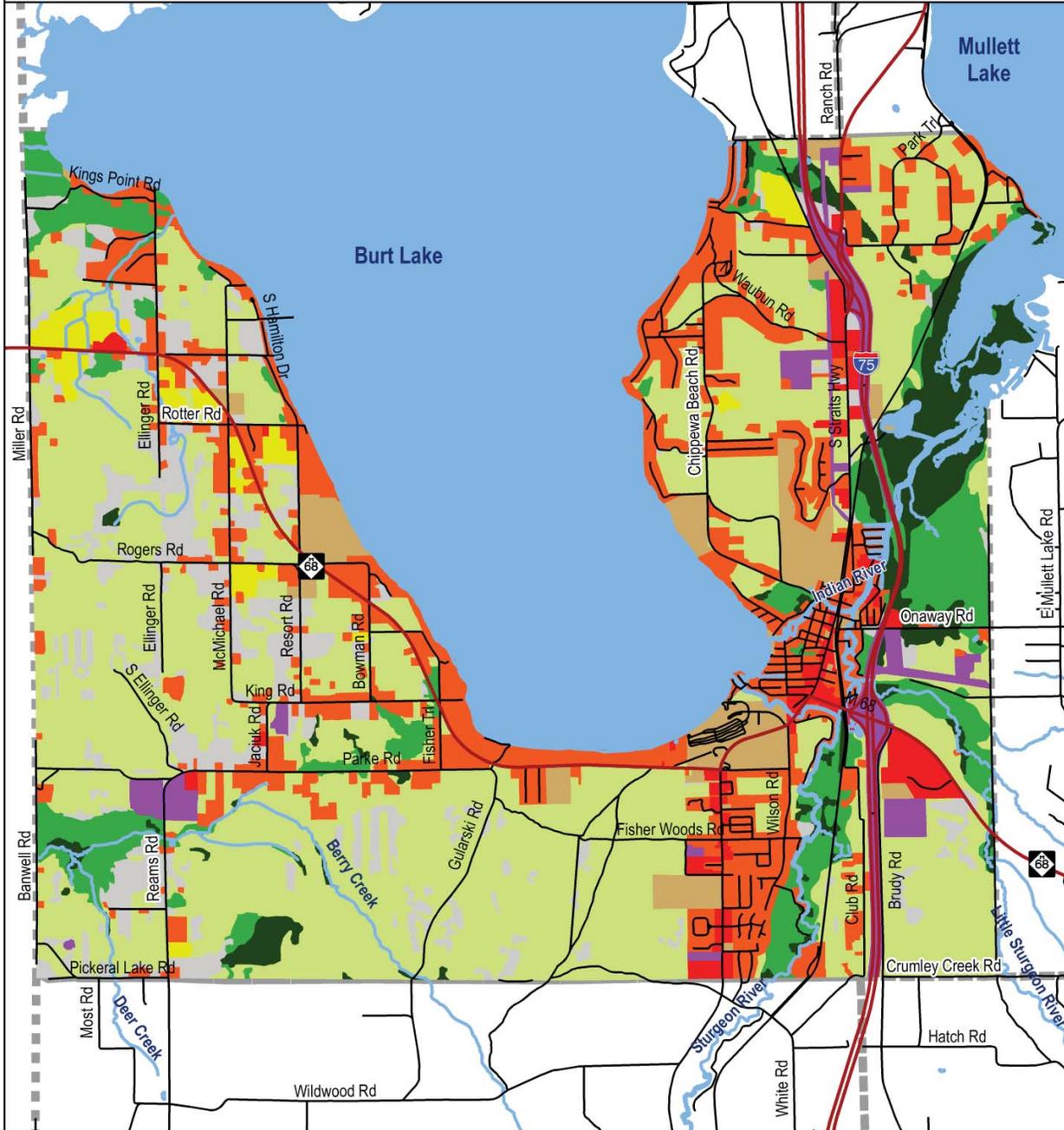
Tuscarora Township Recreation Plan Map 5 - Existing Land Use/Land Cover



- State Highways
- County Roads
- Rivers/Streams
- Lakes

Land Use/Land Cover

- | | |
|----------------------------|---------------------|
| Residential | Nonforested Upland |
| Commercial | Upland Forest |
| Industrial/Transportation | Lowland Forest |
| Institutional/Recreational | Nonforested Wetland |
| Agricultural | Water |



CHAPTER 2: ADMINISTRATIVE STRUCTURE

Administration

Tuscarora Township, the only participating community in this Recreation Plan, operates under an administrative structure consisting of a Township Supervisor, Township Clerk, Township Treasurer and two Township Trustees. These positions are chosen by registered voters of the Township in an at-large election held every four years. Bylaws adopted by the Township Board determine the order of business and method of conducting regular township business. Meetings are conducted using *Robert's Rules of Order*. In the case of issues that require a vote for making a determination, a simple majority of trustees present is required. Parks and recreation facilities are under the direct control of the Township Board of Trustees. The Parks and Recreation Commission reports to the Board, but is directly responsible for administration of the Recreation Plan.

Planning Commission

The Tuscarora Township Planning Commission is a seven-member body, serving three-year staggered terms. Planning Commission members are intended to represent a broad spectrum of community interests, including recreation, commerce, industry, government, education, transportation, and so on. Planning commissioners may come from many walks of life, but they all contribute their time and talents to the local planning process. In addition to the responsibility of preparing the Master Plan, the Tuscarora Township Planning Commission is charged with reviewing development projects as they are proposed.

Parks and Recreation Commission

The Tuscarora Township Parks and Recreation Commission is a five member board elected by the Township voters to four year terms. Recommendations and proposals are made by the Commission, subject to approval by the Township Board. The duties of the Parks and Recreation Commission are as follows:

- 1) Oversee and apprise the Township Board on the use and operation of the parks and other recreation facilities in the Township.
- 2) Consider and study the reasonable needs and requirements of the Tuscarora Township Recreation Plan and amend where applicable.
- 3) Serve in an advisory capacity when so requested.
- 4) Act as a recommending body to the Township Board on matters of general recreation policy.
- 5) Formulate and report its findings from time to time to the Tuscarora Township Board.

Additional Township Commissions and Boards

The Tuscarora Township Downtown Development Authority (DDA) works on many issues in an effort to improve the downtown Indian River area. The DDA works and initiates programs to retain businesses, recruit new business, enhance the aesthetics of the downtown area, and secure funding for many improvements. The Marina Park Committee assists the Township Board and Parks and Recreation Commission with efforts to improve Marina Park. They oversee development plans for Marina Park by obtaining design plans and cost estimates, seeking and securing funding, and planning fundraising activities.

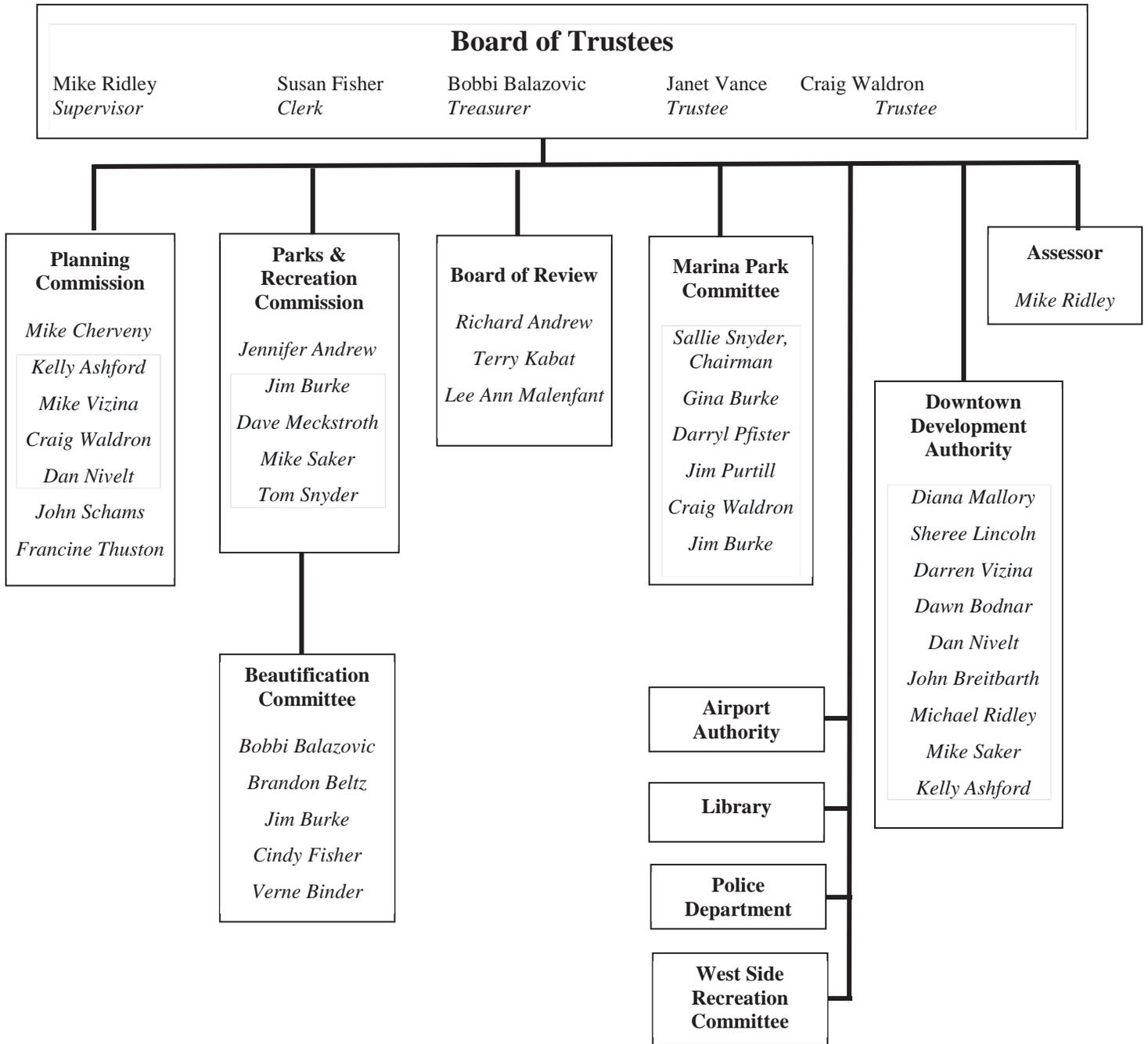
Staff/Parks & Recreation Maintenance

Tuscarora Township employs one permanent full-time supervisor, and additional seasonal part-time staff as needed in its maintenance department. These employees are responsible for the upkeep and maintenance of all Township owned property, including parks and recreation facilities. Snow removal, lawn care and landscaping, and facility maintenance are all duties that fall within their area of responsibility.

The Township also employs its own police force. The Tuscarora Township Police Department is a 24 hour, 7-day a week operation. The department patrols the entire township including all recreational/park facilities.

Administrative Chart

An organizational chart for the Township is as follows:



Relationship with Other Agencies & Role of Volunteers

Volunteers play an integral role in the design, fundraising, and implementation of the townships parks commission's objectives. As an example, the playground equipment at Cooperation Park, Project Playground, was designed and funds were raised by volunteer community members. Cash donations from individuals and private foundations were raised, as well as in-kind donations from area businesses for installation of the playground equipment. Below is a list of some of the volunteer agencies and groups that volunteer time, funds, or materials to improve and/or maintain recreational assets in the Tuscarora Township Area.

Indian River Snowmobile Grooming Club: The Indian River Snowmobile Grooming Club is a local snowmobile club that grooms and maintains 56 miles of area snowmobile trails. They maintain a website which covers trail conditions, maps, recent and upcoming events, and club information. In addition, monthly newsletters are sent out to members to keep them informed of club activities, membership, trail conditions, work bees, and other snowmobile issues.

Inland Lakes Snowmobile Club: The Club works in cooperation with the Indian River Snowmobile Grooming Club to prepare area trails. The snowmobile club undertakes trail brushing/clearing and signage. They also support the grooming club with financial donations. In addition to trail maintenance, they organize group snowmobile trips, fundraising activities, and participate in community service events.

Indian River Chamber of Commerce: The Chamber sponsors and/or assists with most of the recreational activities and festivals that occur in the area throughout the year. They actively promote the businesses and everything the Indian River area has to offer.

Local Youth Program: Recently, a local Youth Program was implemented between Inland Lakes Schools and the Tuscarora Township Police Department. The program identifies students with discipline issues at the school. Instead of the usual punishment – suspension from school – the students are required to undertake a community service project or event. They often provide maintenance activities at township recreational facilities. This not only provides students with a level of intervention and moral support that suspension would not have provided, they often come away with a stronger sense of community pride having contributed to a community project.

Volunteer Committees: Community members and Township officials often form committees to work towards implementing a recreation goal or project in the Township. These volunteer committees take on tasks such as development plans, fundraising, construction/installation of facilities, and maintenance activities. One recent such committee was the Veterans Pier Committee. They actively worked with the Township through the planning, design, funding, and construction of Veterans Pier. Other examples include the Beautification Committee and the West Side Recreation Committee.

Other organizations that partner with the Township to participate in, or offer, recreational activities or other events include: Inland Lakes Schools Boosters, Burt Lake Preservation Association, Women's Club, Knights of Columbus, Kiwanas Club, Lions Club, Veterans of Foreign Wars, Little Traverse Conservancy, Top of Michigan Trails Council, and Tip of the Mitt Watershed Council.

Finances/Park & Recreation Maintenance: Current Funding

Funding for park maintenance and improvement comes from the General Operating Fund and park fees collected. In addition, many capital improvements are financed through a combination of public and private grants, private donations, and township funds.

Table 2: Current and Future Fiscal Year Budget: Recreational Facilities		
	2015/2016	2016/2017 Proposed
<i>Municipal Property Maintenance (includes all recreation facilities)</i>		
Salary	\$79,500.00	\$89,000.00
FICA	\$6,900.00	\$6,900.00
M.E.S.C.	\$4,450.00	\$4,450.00
Hospitalization	\$10,200.00	\$12,000.00
Supplies	\$3,200.00	\$19,500.00
Maintenance-Cooperation Park	\$6,000.00	\$0.00
Maintenance-DeVoe Beach	\$1,000.00	\$0.00
Maintenance-Green Dock	\$400.00	\$0.00
Maintenance-Marina Park	\$1,300.00	\$0.00
Maintenance-Beautification	\$7,200.00	\$0.00
Contracted Services	\$6,300.00	\$5,000.00
Transportation	\$7,000.00	\$6,000.00
Insurance	\$1,520.00	\$1,520.00
Workmens Comp.	\$2,300.00	\$2,200.00
Utilities	\$11,600.00	\$11,600.00
Repairs, Maintenance	\$12,000.00	\$12,000.00
Spec. Improvement Proj.	\$1,200.00	\$1,200.00
Fertilizer	\$4,100.00	\$4,000.00
Equipment.	\$15,468.00	\$20,000.00
Parks Long Term Debt	\$197.40	\$0.00
Long Term Debt Interest	\$566.43	\$0.00
Total	\$182,401.83	\$195,370.00
<i>Boat launch</i>		
Salary	\$1,500.00	\$600.00
Operating Supplies	\$1,300.00	\$1,100.00
Contracted Services	\$1,200.00	\$2,600.00
Boat Launch Utilities	\$600.00	\$600.00
Maintenance & Repairs	\$900.00	\$1,200.00
Rentals	\$1,500.00	\$1,500.00
Total	\$7,000.00	\$7,600.00
<i>Source: Tuscarora Township operating budget</i>		

The entire Tuscarora Township operating budget follows:

Account Number	Account Description	2013-2014	2014-2015	2014-2015	2015-2016	2015-2016	2015-2016	2016-2017
		Actual	Adjusted Budget	Actual	Adopted	Adjusted	To Date	Proposed
REVENUE								
101-000-403-00	Property Tax	\$200,545.75	\$203,000.00	\$204,078.02	\$210,600.00	\$210,600.00	\$206,452.75	\$215,500.00
101-000-403-01	Special Assessments	\$0.00	\$0.00	\$0.00	\$0.00	\$27,000.00	\$26,674.40	\$5,484.00
101-000-417-00	State Reimb. Summer Tax	\$9,570.00	\$9,500.00	\$9,270.00	\$9,500.00	\$9,500.00	\$9,232.50	\$9,200.00
101-000-417-01	Delinquent Personal Taxes	\$0.00	\$100.00	\$0.00	\$0.00	\$0.00	\$321.96	\$0.00
101-000-423-00	Street Lighting	\$29,996.19	\$35,000.00	\$35,000.86	\$38,000.00	\$38,000.00	\$38,007.76	\$38,000.00
101-000-424-00	Fire Protection	\$132,846.82	\$155,602.00	\$155,508.78	\$157,500.00	\$157,500.00	\$157,521.05	\$159,000.00
101-000-426-00	Swamp Tax/State Land Tax	\$4,107.95	\$3,600.00	\$6,161.93	\$5,000.00	\$5,000.00	\$8,215.90	\$5,000.00
101-000-445-00	Interest & Penalties	\$1,517.57	\$2,000.00	\$785.37	\$1,000.00	\$1,000.00	\$1,474.87	\$1,000.00
101-000-447-00	Tax Administration Fee	\$66,941.11	\$68,000.00	\$73,507.56	\$68,000.00	\$68,000.00	\$75,161.90	\$70,000.00
101-000-487-00	Trailer Park Fees	\$180.00	\$150.00	\$255.00	\$150.00	\$150.00	\$144.00	\$150.00
101-000-510-00	Boat Launch Fees	\$10,200.65	\$10,000.00	\$9,515.65	\$10,000.00	\$10,000.00	\$14,324.63	\$10,000.00
101-000-511-00	Cemetery Fees	\$0.00	\$0.00	\$8,263.00	\$0.00	\$10,000.00	\$9,045.00	\$10,000.00
101-000-576-00	State Shared Sales/Use Tax	\$229,431.00	\$225,000.00	\$231,475.00	\$225,000.00	\$225,000.00	\$229,335.00	\$235,000.00
101-000-626-00	Charges for Svcs. Rendered	\$1,714.15	\$2,500.00	\$1,505.86	\$2,500.00	\$2,500.00	\$6,726.10	\$2,500.00
101-000-626-01	Parks Chg. For Svc. Rend.	\$10,390.00	\$9,720.00	\$9,160.00	\$9,720.00	\$9,720.00	\$8,788.12	\$9,720.00
101-000-627-00	Marina Park Donations/Fees	\$15,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$305.00	\$0.00
101-000-642-00	Charges for Sales	\$1,750.00	\$5,200.00	\$1,250.00	\$5,200.00	\$5,200.00	\$1,900.00	\$2,000.00
101-000-643-00	Land Sales	\$0.00	\$20,000.00	\$0.00	\$10,000.00	\$10,000.00	\$0.00	\$5,000.00
101-000-664-00	Interest Income	\$359.09	\$1,500.00	\$504.18	\$1,000.00	\$1,000.00	\$763.97	\$1,600.00
101-000-664-01	Interest Income, Boat Launch	\$16.98	\$15.00	\$31.78	\$15.00	\$15.00	\$41.77	\$40.00
101-000-668-00	Rents & Royalties	\$3,438.02	\$3,000.00	\$8,030.38	\$3,000.00	\$3,000.00	\$4,142.00	\$3,000.00
101-000-668-01	Airport Hanger Lease	\$2,903.20	\$2,800.00	\$3,416.00	\$2,800.00	\$2,800.00	\$3,301.20	\$2,900.00
101-000-668-02	Marina Park Lease & Rentals	\$1,743.00	\$1,500.00	\$1,900.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
101-000-675-00	Contributions	\$5,153.25	\$4,500.00	\$4,661.00	\$4,500.00	\$4,500.00	\$3,515.00	\$4,500.00
101-000-675-01	Recreation Dept Contributions	\$3,000.00	\$0.00	\$30.00	\$0.00	\$0.00	\$1,975.00	\$0.00

101-101-702-00	Trustee Salaries	\$7,465.96	\$7,466.00	\$7,465.96	\$7,466.00	\$7,465.96	\$7,466.00	\$8,232.00
101-101-702-01	Administrative Assistance	\$21,728.79	\$22,251.00	\$22,250.54	\$22,808.00	\$22,808.00	\$22,808.00	\$23,500.00
101-101-715-00	Employer FICA	\$9,167.62	\$8,800.00	\$8,720.13	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00
101-101-715-01	Employers MESC	\$636.68	\$330.00	\$89.11	\$1,650.00	\$1,650.00	\$75.14	\$200.00
101-101-716-00	Hospitalization	\$5,905.36	\$7,812.00	\$7,143.86	\$8,300.00	\$9,300.00	\$9,286.70	\$9,500.00
101-101-727-00	Office Supplies	\$5,605.86	\$5,910.00	\$6,558.64	\$6,000.00	\$6,500.00	\$6,481.02	\$6,000.00
101-101-740-00	Veterans Pier Bricks	\$0.00	\$10,268.62	\$12,344.82	\$20,000.00	\$20,000.00	\$6,406.00	\$6,000.00
101-101-801-00	Professional Services	\$14,945.42	\$15,500.00	\$13,929.74	\$15,000.00	\$62,000.00	\$56,797.37	\$15,000.00
101-101-801-01	Marina Park Professional	\$18,278.21	\$361,980.61	\$270,318.38	\$165,300.00	\$215,300.00	\$127,008.48	\$5,000.00
101-101-801-04	Veterans Pier Professional	\$31,248.00	\$562,190.45	\$573,561.43	\$25,000.00	\$25,000.00	\$21,262.68	\$0.00
101-101-810-00	Community Promo-Fireworks	\$7,826.00	\$7,900.00	\$7,826.00	\$7,900.00	\$8,000.00	\$7,983.00	\$8,500.00
101-101-850-00	Communications	\$4,873.47	\$4,400.00	\$4,301.80	\$4,600.00	\$4,600.00	\$4,319.49	\$4,800.00
101-101-860-00	Transportation	\$108.63	\$450.00	\$390.10	\$750.00	\$750.00	\$197.00	\$750.00
101-101-900-00	Printing & Publishing	\$491.31	\$1,873.32	\$1,872.32	\$2,000.00	\$2,100.00	\$2,040.02	\$2,200.00
101-101-910-00	Liability & Contents Insurance	\$613.34	\$1,900.00	\$1,827.95	\$2,400.00	\$2,400.00	\$1,960.22	\$2,400.00
101-101-910-01	Workmen's Comp Ins.	\$1,492.18	\$1,200.00	\$1,126.25	\$1,600.00	\$1,600.00	\$2,210.05	\$2,300.00
101-101-930-00	Repairs & Maintenance	\$172.42	\$1,400.00	\$1,311.65	\$1,800.00	\$13,411.00	\$1,416.74	\$1,500.00
101-101-940-00	Rentals	\$1,977.00	\$2,100.00	\$1,948.00	\$2,100.00	\$2,100.00	\$1,647.00	\$2,100.00
101-101-958-00	Dues & Memberships	\$4,647.35	\$4,750.00	\$4,712.51	\$5,000.00	\$5,000.00	\$4,619.39	\$5,500.00
101-101-960-00	Education & Training	\$733.96	\$2,550.00	\$2,486.79	\$2,000.00	\$2,000.00	\$1,331.42	\$2,000.00
101-101-960-01	Transfer Out Road Bond	\$0.00	\$0.00	\$11,550.00	\$0.00	\$75,202.00	\$20,164.00	\$0.00
101-101-960-02	Transfer Out Sewer	\$0.00	\$0.00	\$0.00	\$0.00	\$27,689.00	\$25,000.00	\$52,000.00
101-101-977-00	Township Board Equipment	\$8,000.00	\$650.00	\$0.00	\$1,000.00	\$1,000.00	\$0.00	\$1,000.00
	Total	\$145,917.56	\$1,031,682.00	\$961,735.98	\$314,674.00	\$527,876.00	\$338,656.17	\$170,482.00

Supervisor								
101-171-702-00	Salary	\$23,027.42	\$23,028.00	\$23,027.42	\$23,028.00	\$23,027.42	\$23,028.00	\$23,720.00
101-171-727-00	Office Supplies	\$127.56	\$400.00	\$228.04	\$400.00	\$400.00	\$400.00	\$400.00
101-171-960-00	Education & Training	\$395.11	\$1,000.00	\$969.95	\$1,000.00	\$1,200.00	\$1,118.68	\$1,000.00

101-171-977-00	Equipment	\$0.00	\$200.00	\$0.00	\$500.00	\$300.00	\$0.00	\$500.00
	Total	\$23,550.09	\$24,628.00	\$24,225.41	\$24,928.00	\$24,928.00	\$24,298.49	\$25,620.00
Account Number	Account Description	2013-2014 Actual	2014-2015 Adjusted Budget	2014-2015 Actual	2015-2016 Adopted	2015-2016 Adjusted	2015-2016 To Date	2016-2017 Proposed
Elections								
101-191-702-00	Compensation	\$0.00	\$5,000.00	\$4,574.26	\$3,800.00	\$3,800.00	\$1,944.08	\$5,500.00
101-191-740-00	Operating Supplies	\$138.97	\$850.00	\$759.33	\$850.00	\$850.00	\$542.10	\$900.00
101-191-801-00	Machine Set-up	\$119.00	\$999.00	\$828.00	\$1,069.00	\$1,069.00	\$123.00	\$1,100.00
101-191-860-00	Transportation	\$19.60	\$520.00	\$512.74	\$450.00	\$450.00	\$137.85	\$450.00
101-191-900-00	Printing & Publishing	\$0.00	\$175.00	\$145.30	\$200.00	\$100.00	\$0.00	\$200.00
	Total	\$277.57	\$7,544.00	\$6,819.63	\$6,369.00	\$6,269.00	\$2,747.03	\$8,150.00
Accounting								
101-202-801-00	Audit / Accounting Fees	\$2,788.00	\$6,600.00	\$6,515.00	\$7,000.00	\$7,100.00	\$7,065.00	\$8,000.00
	Total	\$2,788.00	\$6,600.00	\$6,515.00	\$7,000.00	\$7,100.00	\$7,065.00	\$8,000.00
Assessor								
101-209-702-00	Salary	\$29,102.32	\$29,942.00	\$29,940.82	\$29,942.00	\$29,942.00	\$29,940.76	\$30,900.00
101-209-702-01	Assessor Assistant	\$0.00	\$0.00	\$0.00	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00
101-209-716-00	Hospitalization	\$5,200.00	\$4,800.00	\$4,400.00	\$4,800.00	\$8,320.00	\$8,124.74	\$10,000.00
101-209-718-00	Retirement	\$4,298.34	\$3,559.00	\$2,293.57	\$2,400.00	\$2,400.00	\$2,380.38	\$2,420.00
101-209-727-00	Office Supplies	\$31.06	\$750.00	\$747.95	\$600.00	\$1,500.00	\$1,448.29	\$1,000.00
101-209-801-00	Professional	\$5,892.38	\$15,400.00	\$15,234.25	\$15,000.00	\$14,410.00	\$13,889.06	\$15,000.00
101-209-836-00	Tax Preparation	\$864.36	\$2,500.00	\$1,423.28	\$2,500.00	\$1,100.00	\$1,058.00	\$2,500.00
101-209-860-00	Transportation	\$351.71	\$480.00	\$478.67	\$350.00	\$350.00	\$108.24	\$350.00
101-209-900-00	Assessor Printing & Publishing	\$171.24	\$120.00	\$114.75	\$100.00	\$115.00	\$114.75	\$120.00
101-209-958-00	Memberships & Dues	\$312.50	\$350.00	\$250.00	\$350.00	\$425.00	\$425.00	\$350.00
101-209-960-00	Education & Training	\$0.00	\$620.00	\$602.37	\$500.00	\$500.00	\$450.78	\$500.00

101-209-977-00	Equipment	\$0.00	\$1,500.00	\$1,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total		\$46,223.91	\$60,021.00	\$56,485.66	\$61,542.00	\$64,062.00	\$62,940.00	\$78,140.00	

Attorney

101-210-801-00	Attorney Fees	\$578.30	\$2,760.00	\$1,025.70	\$5,000.00	\$0.00	\$0.00	\$5,000.00	
Total		\$0.00	\$2,760.00	\$1,025.70	\$5,000.00	\$0.00	\$0.00	\$5,000.00	

Account Number	Account Description	2013-2014 Actual	2014-2015 Adjusted Budget	2014-2015 Actual	2015-2016 Adopted	2015-2016 Adjusted	2015-2016 To Date	2016-2017 Proposed
Clerk								
101-215-702-00	Salary	\$23,027.42	\$23,028.00	\$23,027.42	\$23,028.00	\$23,028.00	\$23,027.42	\$23,720.00
101-215-705-00	Deputy Clerk Wages	\$330.00	\$1,000.00	\$864.00	\$600.00	\$860.00	\$780.00	\$2,000.00
101-215-727-00	Office Supplies	\$511.56	\$650.00	\$512.61	\$650.00	\$650.00	\$638.41	\$1,000.00
101-215-801-00	Professional	\$2,037.50	\$4,000.00	\$3,910.00	\$2,500.00	\$2,500.00	\$2,359.48	\$2,500.00
101-215-960-00	Education & Training	\$1,221.67	\$1,500.00	\$1,192.98	\$1,500.00	\$1,500.00	\$1,261.01	\$1,500.00
101-215-977-00	Equipment	\$0.00	\$0.00	\$0.00	\$500.00	\$840.00	\$836.10	\$500.00
Total		\$27,128.15	\$30,178.00	\$29,507.01	\$28,778.00	\$29,378.00	\$28,902.42	\$31,220.00

Bd. of Review

101-247-702-00	Board of Review-Salary	\$2,065.00	\$1,575.00	\$1,534.00	\$1,500.00	\$1,500.00	\$1,475.00	\$1,500.00
101-247-960-00	Education & Training	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500.00
Total		\$2,065.00	\$1,575.00	\$1,534.00	\$1,500.00	\$1,500.00	\$1,475.00	\$2,000.00

Treasurer

101-253-702-00	Salary	\$18,178.68	\$18,179.00	\$18,178.68	\$18,179.00	\$18,179.00	\$18,178.68	\$27,065.00
101-253-715-01	Deputy Treasurer Wages	\$60.00	\$500.00	\$15.00	\$500.00	\$500.00	\$0.00	\$500.00
101-253-702-02	Summer Tax Coll. Salary	\$8,353.80	\$8,341.00	\$8,340.96	\$8,341.00	\$8,341.00	\$8,340.96	\$0.00
101-253-727-00	Office Supplies	\$997.41	\$1,000.00	\$399.24	\$1,000.00	\$1,000.00	\$473.53	\$1,000.00
101-253-801-00	Professional	\$1,397.50	\$2,000.00	\$1,350.00	\$2,000.00	\$2,000.00	\$1,470.00	\$2,000.00

101-253-836-00	Tax Preparation	\$1,179.64	\$1,200.00	\$1,020.99	\$1,200.00	\$1,033.00	\$1,200.00
101-253-960-00	Education & Training	\$1,501.60	\$1,500.00	\$1,398.06	\$1,500.00	\$1,219.44	\$1,500.00
101-253-977-00	Equipment	\$0.00	\$500.00	\$0.00	\$500.00	\$0.00	\$500.00
	Total	\$31,668.63	\$33,220.00	\$30,702.93	\$33,220.00	\$30,715.61	\$33,765.00

Account Number	Account Description	2013-2014 Actual	2014-2015 Adjusted Budget	2014-2015 Actual	2015-2016 Adopted	2015-2016 Adjusted	2015-2016 To Date	2016-2015 Proposed
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Cemeteries

101-276-702-00	Cemetery Salary	\$0.00	\$3,000.00	\$2,275.30	\$1,500.00	\$3,000.00	\$2,602.84	\$3,000.00
101-276-801-00	Contracted Services	\$361.00	\$3,000.00	\$10,754.00	\$4,000.00	\$44,000.00	\$12,288.95	\$15,000.00
101-276-801-01	Sexton Fees	\$550.00	\$575.00	\$575.00	\$575.00	\$575.00	\$575.00	\$600.00
101-276-920-00	Utilities	\$257.40	\$300.00	\$271.33	\$300.00	\$300.00	\$279.12	\$300.00
101-276-930-00	Repairs & Maintenance	\$940.81	\$1,800.00	\$1,753.52	\$2,800.00	\$2,800.00	\$334.19	\$2,800.00
	Total	\$2,109.21	\$8,675.00	\$15,629.15	\$7,675.00	\$50,675.00	\$16,080.10	\$21,700.00

Fire Protection

101-336-801-00	Fire Protection Contract	\$131,250.00	\$155,602.00	\$155,602.00	\$157,338.00	\$157,338.00	\$157,338.00	\$158,519.00
	Total	\$131,250.00	\$155,602.00	\$155,602.00	\$157,338.00	\$157,338.00	\$157,338.00	\$158,519.00

Planning

101-400-702-00	Planning Commission Per Diem	\$420.00	\$800.00	\$200.00	\$800.00	\$800.00	\$500.00	\$1,500.00
101-400-801-00	Professional Services	\$0.00	\$500.00	\$0.00	\$2,500.00	\$2,500.00	\$0.00	\$2,500.00
101-400-900-00	Printing & Publishing	\$0.00	\$150.00	\$0.00	\$150.00	\$150.00	\$0.00	\$150.00
101-400-960-00	Education & Training	\$0.00	\$450.00	\$0.00	\$450.00	\$450.00	\$0.00	\$500.00
	Total	\$420.00	\$1,900.00	\$200.00	\$3,900.00	\$3,900.00	\$500.00	\$4,650.00

Roads

101-446-740-00	Streets & Highways Supplies	\$63.84	\$15,500.00	\$14,850.00	\$10,500.00	\$10,500.00	\$0.00	\$16,000.00
101-446-750-00	Metro Act	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,100.00
101-446-801-00	Contracted Services	\$16,993.13	\$40,000.00	\$1,388.80	\$45,000.00	\$108,000.00	\$103,121.73	\$45,000.00

101-446-930-00	Signs & Maintenance	\$205.72	\$1,000.00	\$502.61	\$1,000.00	\$1,000.00	\$40.64	\$1,000.00
Total		\$17,262.69	\$56,500.00	\$16,741.41	\$56,500.00	\$119,500.00	\$103,162.37	\$66,100.00

Lighting

101-450-920-00	Street Lighting	\$34,012.43	\$38,000.00	\$36,633.35	\$40,000.00	\$40,000.00	\$37,726.17	\$42,000.00
Total		\$34,012.43	\$38,000.00	\$36,633.35	\$40,000.00	\$40,000.00	\$37,726.17	\$42,000.00

Sanitation

101-528-801-00	Refuse Collection & Disposal	\$180.00	\$1,000.00	\$360.00	\$1,000.00	\$1,000.00	\$300.00	\$1,000.00
Total		\$180.00	\$1,000.00	\$360.00	\$1,000.00	\$1,000.00	\$300.00	\$1,000.00

Account Number	Account Description	2013-2014 Actual	2014-2015 Adjusted Budget	2014-2015 Actual	2015-2016 Adopted	2015-2016 Adjusted	2015-2016 To Date	2016-2017 Proposed
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Airport

101-537-801-00	Professional	\$25.00	\$50.00	\$25.00	\$50.00	\$50.00	\$25.00	\$50.00
101-537-860-00	Transportation	\$650.88	\$1,000.00	\$814.24	\$1,000.00	\$1,000.00	\$579.95	\$1,000.00
101-537-910-00	Liability Insurance	\$1,356.26	\$1,700.00	\$1,228.00	\$2,300.00	\$1,400.00	\$1,228.00	\$2,300.00
101-537-920-00	Utilities	\$257.49	\$350.00	\$271.33	\$350.00	\$350.00	\$274.11	\$350.00
101-537-930-00	Repairs & Maintenance	\$3,037.80	\$6,100.00	\$6,054.17	\$3,000.00	\$3,500.00	\$3,459.33	\$3,000.00
101-537-930-01	Improvements	\$0.00	\$500.00	\$0.00	\$500.00	\$900.00	\$866.02	\$500.00
Total		\$5,327.43	\$9,700.00	\$8,392.74	\$7,200.00	\$7,200.00	\$6,432.41	\$7,200.00

Municipal Property Maintenance

101-691-702-00	Salary	\$76,931.47	\$80,710.00	\$80,465.99	\$89,000.00	\$79,500.00	\$73,141.54	\$89,000.00
101-691-715-00	FICA	\$6,965.30	\$6,200.00	\$6,155.65	\$6,900.00	\$6,900.00	\$5,595.33	\$6,900.00
101-691-715-01	M.E.S.C.	\$4,045.28	\$4,948.00	\$4,919.84	\$4,450.00	\$4,450.00	\$3,463.05	\$4,450.00
101-691-716-00	Hospitalization	\$5,903.36	\$8,612.00	\$8,611.76	\$10,200.00	\$10,200.00	\$9,877.96	\$12,000.00
101-691-740-00	Supplies	\$1,899.14	\$900.00	\$804.17	\$1,000.00	\$3,200.00	\$3,153.75	\$19,500.00
101-691-740-01	Maintenance-Coop Park	\$17,715.19	\$10,580.00	\$10,544.27	\$11,000.00	\$6,000.00	\$5,554.56	\$0.00
101-691-740-02	Maintenance-DeVoe Beach	\$3,078.66	\$7,875.00	\$7,860.76	\$4,500.00	\$1,000.00	\$775.63	\$0.00
101-691-740-03	Maintenance-Green Dock	\$209.10	\$390.00	\$380.50	\$300.00	\$400.00	\$374.00	\$0.00

101-691-740-04	Maintenance-Marina Park	\$692.95	\$50.00	\$22.64	\$1,300.00	\$1,300.00	\$19.41	\$0.00
101-691-740-05	Maintenance-Beautification	\$399.88	\$250.00	\$220.00	\$1,000.00	\$7,200.00	\$7,103.47	\$0.00
101-691-801-00	Contracted Services	\$8,693.07	\$5,480.00	\$5,458.20	\$6,000.00	\$6,300.00	\$6,282.46	\$5,000.00
101-691-860-00	Transportation	\$4,812.36	\$7,250.00	\$7,245.33	\$7,000.00	\$7,000.00	\$5,004.46	\$6,000.00
101-691-910-00	Insurance	\$1,154.72	\$1,170.00	\$1,154.09	\$1,520.00	\$1,520.00	\$1,243.56	\$1,520.00
101-691-910-01	Workmens Comp.	\$2,045.20	\$2,050.00	\$1,886.74	\$2,200.00	\$2,300.00	\$2,235.60	\$2,200.00
101-691-920-00	Utilities	\$12,616.21	\$11,535.00	\$11,393.21	\$11,600.00	\$11,600.00	\$11,399.19	\$11,600.00
101-691-930-00	Repairs, Maintenance	\$12,122.79	\$13,100.00	\$15,011.82	\$12,000.00	\$12,000.00	\$10,379.34	\$12,000.00
101-691-933-00	Spec. Improvement Proj.	\$1,880.00	\$1,230.00	\$1,200.00	\$1,200.00	\$1,200.00	\$0.00	\$1,200.00
101-691-934-00	Fertilizer	\$0.00	\$3,845.00	\$3,844.13	\$4,000.00	\$4,100.00	\$4,070.16	\$4,000.00
101-691-977-00	Equipment.	\$33,725.00	\$6,500.00	\$0.00	\$6,468.00	\$15,468.00	\$15,464.81	\$20,000.00
101-691-995-00	Parks Long Term Debt	\$400.00	\$200.00	\$197.40	\$197.40	\$197.40	\$0.00	\$0.00
101-691-995-01	Long Term Debt Interest	\$0.00	\$567.00	\$566.43	\$566.43	\$566.43	\$0.00	\$0.00
	Total	\$195,289.68	\$173,442.00	\$167,942.93	\$182,401.83	\$182,401.83	\$165,138.28	\$195,370.00

Account Number	Account Description	2013-2014 Actual	2014-2015 Adjusted Budget	2014-2015 Actual	2015-2016 Adopted	2015-2016 Adjusted	2015-2016 To Date	2016-2017 Proposed
Boat Launch								
101-751-702-00	Salary	\$0.00	\$0.00	\$0.00	\$1,500.00	\$1,500.00	\$543.00	\$600.00
101-751-740-00	Operating Supplies	\$600.89	\$1,500.00	\$911.40	\$1,300.00	\$1,300.00	\$520.75	\$1,100.00
101-751-801-00	Contracted Services	\$4,000.00	\$1,000.00	\$29.26	\$1,200.00	\$1,200.00	\$800.00	\$2,600.00
101-751-920-00	Boat Launch Utilities	\$569.20	\$700.00	\$589.14	\$700.00	\$600.00	\$472.19	\$600.00
101-751-930-00	Maintenance & Repairs	\$487.25	\$800.00	\$669.30	\$800.00	\$900.00	\$891.97	\$1,200.00
101-751-940-00	Rentals	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00
	Total	\$7,157.34	\$5,500.00	\$3,699.10	\$5,500.00	\$7,000.00	\$4,727.91	\$7,600.00

Mun. Building								
101-771-740-00	Operating Supplies	\$596.79	\$1,000.00	\$866.95	\$1,000.00	\$1,000.00	\$230.72	\$1,000.00
101-771-801-00	Contracted Services	\$4,423.28	\$5,400.00	\$5,311.80	\$5,000.00	\$5,000.00	\$4,682.24	\$5,000.00

101-771-920-00	Utilities	\$5,666.51	\$8,300.00	\$8,248.19	\$8,700.00	\$8,700.00	\$5,443.61	\$8,700.00
101-771-930-00	Repairs & Maintenance	\$4,921.02	\$5,000.00	\$4,982.53	\$25,000.00	\$29,400.00	\$25,417.31	\$5,000.00
101-771-956-00	Miscellaneous	\$0.00	\$500.00	-\$139.67	\$500.00	\$500.00	\$0.00	\$500.00
101-771-977-00	Municipal Building Equipment	\$70,200.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,500.00
	Total	\$85,807.60	\$20,200.00	\$19,269.80	\$40,200.00	\$44,600.00	\$35,773.88	\$22,700.00

Contingencies

101-890-977-00	General Contingencies	\$7,519.76	\$0.00	\$0.00	\$1,500.00	\$0.00	\$0.00	\$5,000.00
	Total	\$7,519.76	\$0.00	\$0.00	\$1,500.00	\$0.00	\$0.00	\$5,000.00

Debt Services

101-905-995-00	Long-Term Debt Principal	\$35,523.31	\$37,055.22	\$32,009.70	\$33,610.18	\$37,059.18	\$37,055.22	\$20,231.00
101-905-995-01	Long-Term Debt Interest	\$7,099.91	\$1,640.00	\$2,548.97	\$2,548.97	\$0.00	\$0.00	\$2,549.00
101-905-995-02	Sewer Long Term Debt Princ	\$1,800.00	\$1,800.00	\$888.23	\$890.00	\$990.00	\$920.44	\$1,000.00
101-905-995-03	Sewer Long Term Debt Int	\$0.00	\$5,045.52	\$5,045.52	\$0.00	\$3,500.00	\$2,516.76	\$3,100.00
101-905-998-00	Mason Property	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
101-905-999-00	Long Term Debt Kubota Prin	\$0.00	\$6,066.54	\$6,066.54	\$0.00	\$0.00	\$0.00	\$0.00
101-905-999-01	Long Term Debt Kubota Int	\$0.00	\$401.46	\$401.46	\$0.00	\$0.00	\$0.00	\$0.00
	Total	\$46,923.22	\$54,508.74	\$49,460.42	\$39,549.15	\$44,049.18	\$42,992.42	\$29,380.00

TOTAL EXPENDITURES

		\$774,052.30	\$1,723,235.74	\$1,592,482.22	\$1,025,774.98	\$1,351,997.01	\$1,066,971.26	\$923,596.00
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CHAPTER 3: PLANNING & PUBLIC INPUT PROCESS

Tuscarora Township Planning Process

Development of a community recreation plan must involve interaction and input from citizens and community groups. The Tuscarora Township Parks & Recreation Commission was the lead entity in developing the Township Recreation Plan. Parks & Recreation Commission and Township Board meetings were open to the public with time allocated for comments. A timeline for the development of the recreation plan update is as follows:

May, 2016	Tuscarora Township expresses the need to update the 2012 - 2016 Tuscarora Township Recreation Plan and contracts with the Northeast Michigan Council of Governments to develop the update.
June - September, 2016	The Tuscarora Township Parks & Recreation Commission members review the existing recreation plan and make comments, provide additions, and other comments.
October - November, 2016	NEMCOG staff develops a draft Tuscarora Township Recreation Plan update based on comments received.
November 17, 2016	A notice was placed in the Straitsland Resorter Newspaper and posted at the Township Hall announcing a public input session to be held November 30, 2016 at the Township Hall.
November 30, 2016	A public input session was held to gather input from Tuscarora Township residents and area recreation groups to assist in planning for recreational improvements in the Township. Four citizens attended the meeting and provided input.
December, 2016	Northeast Michigan Council of Governments staff developed a draft Recreation Plan update.
January XX, 2017	The draft plan is posted for a 30-day public review at Township Clerks Office, Indian River Library, Burt Lake Post Office and NEMCOG website. Notice of the plan was posted on the NEMCOG and Tuscarora Township websites and printed in the Straitsland Resorter.
January 2017	Northeast Michigan Council of Governments staff incorporated comments from Tuscarora Township and the public review period into the draft Recreation Plan update.
February XX, 2017	The Public Hearing Notice for the Township Board meeting appeared in the Straitsland Resorter.

February XX, 2017	The Parks and Recreation Commission met and recommended adoption of the Recreation Plan by the Township Board.
February XX, 2017	The public hearing was held and the Township Board approved the Recreation Plan.

Public Input

Citizen opinion on recreation priorities is key to the development of a recreation plan. The Parks and Recreation Commission opted to hold a public input session to gather comprehensive public opinion and ideas about the future of recreation in the Township. A notice was placed in area news media. Four citizens attended the meeting and provided input. Additionally, citizens have had, and will continue to have, the opportunity for comment and change at each step of project development. Annual implementation is also subject to revision based on budget, needs, donations and public input. Those present at the input session discussed the current state of Township recreational facilities as well as general recreational needs in the area.

Notice of Public Input Session

Classified Advertising

Thursday, November 17, 2016 • 231-238-7362 • ads@resortfamily.com • Page 20

AUTOMOBILE/RVs

HAVE A CAR? Protect it with insurance from North Country Insurance Agency, Inc., Sturgeon, Indian River. 231-238-7362.

BOAT STORAGE

CAR, RV INSIDE STORAGE: Concor, very reasonable rates. 231-238-7362.

BE BUILDING FOR SALE: 12' building on a 60x200 lot is new construction with cement at location on 27 between Indian Topinabee. \$39,900. Call 231-238-7362.

FOR RENT

IVER: Cabins & apartments month. Utilities paid. 238-9362/8570. 33-tfc

Pointe Apartments S. Straits, Indian River applications for 1 & 2 bedrooms. Rent is based on justed gross income. For information call 231-238-8700 an application at 5365 S. Indian River. Barrier Free Units This institution is an equal provider. Equal Housing Opportunity. TDD 711

LS / SEASONAL

LDGE: 8 bedrooms, bedroom, sleeps 18. Full ec room. Excellent for par- etc. Weekend or weekly 1-238-4692. odgeml.com 44-tfc

OR SALE

39 inch weaving with reeds, boat shuttle, weav- ore. Value \$2,000 asking 231-445-9098. 22-tfc

HELP WANTED

OPTOMETRIST & OPTICIAN: Thunder Bay Community Health Service, Inc. is seeking both a full time staff Optometrist and a full time staff Optician for our newly expanding Roger City Clinic location. TBCHS is a Federally Qualified Health Center. Great opportunity to join a devoted healthcare team and work with a diverse patient population within a clinic setting. 40 hours per week; closed on major holidays and weekends. Send resume with cover letter to: Thunder Bay Community Health Service, Inc. Paula Cohoon - Human Resource Director, 100 North Ripley St., Suite E, Alpena, MI 49707 Job Type: Full-time 45-2tc

MOVING SALE

MOVING SALE: Saturday, Nov. 19 ONLY, 9 to 5. 6191 Pine Trace (4 miles east of Indian River off M-68) Like new sofa, chair, entertainment center, queen mattress/springs/frame, shelves, tables, household goods, TV. 46-11p

NOTICES

WATCH BATTERIES INSTALLED. Goldenrod Downtown Indian River 238-9006

A Great tradition!
Indian River CHRISTMAS CRAFT SHOW
NOV. 25 10 AM - 3 PM
\$3 per person entry fee
AT INLAND LAKES SCHOOL
Following the Craft Show head downtown with the family for **CHRISTMAS IN INDIAN RIVER!**
Grab the family and plan to spend the day in Indian River

HAPPY AD



HAPPY BIRTHDAY
Loyal
88 years old
Born November 1928
Married 68 years to Edee
One daughter,
Shirley Jean (Seng), married to Jerry.
They have a dog named Sugar
and ride motorcycles together.

SERVICES

PRIVATE DUTY CAREGIVER available immediately. Experienced in all areas of healthcare, including colostomy catheter, g-tube, lifts. Excellent references. Affordable and dependable. Call or text 2477. Heart and Hands Home Healthcare, 231-497-8576. 45-4tp

J&E COTTAGE CARE 238-7001 - Snow- plowing - Residential & Business; Snow removal from roof & walkways! Snow is heavy -- call today! jecottagecare@outlook.com 45-10tp

MONDAY, NOON!
Basic ad rate: \$9.50/20 words, each additional word 5c
Prepaid discount: \$8.50/20 words (at Resorter office or through the mail)
Happy Ads, 525 Mail to: Resorter, PO Box 579 Indian River, MI 49749

Advertising Correction Policy

Classified advertising is subject to revision, proper classification and approval of the Straitland Resorter management.

In both classified and display advertising we will not be responsible for more than one incorrect insertion and our responsibility is limited to the cost of the advertisement.

Advertising placed by phone will be read back to each customer, and information written at that time will be considered verified by the customer. Classifieds placed by phone are not eligible for prepaid discount, and will be billed immediately following publication.

Although deadline for advertising, legal and public notice copy is Tuesday at noon, **ADVERTISING SPACE MAY BE LIMITED ON TUESDAY.** Please reserve space on Monday for quarter page or larger placements.

SERVICES

Tree Work Wanted
Dead & dangerous trees
Full clean up, raked up nice
Clean up acreage or diseased trees
Insured - call for estimate
Tree Work, 231-470-8238
We climb or use bucket trucks - Many references

SERVICES

NOW BUYING OLD GOLD. Goldenrod, downtown Indian River. 238-9006. 11-tfc

Public Notices

Special Meeting

The Tuscarora Township Parks Commission will be holding a Special Meeting Wednesday, November 30, 2016 at 3:00 p.m. at the Tuscarora Township Hall. The purpose of the hearing is to receive public input on the Five Year Recreation Plan. The public is encouraged to attend to offer their suggestions and comments. 45-2tc
Susan L. Fisher, Clerk

Straitland Resorter - Thursday, November 24, 2016 - Page 3

and drive while license suspended

injury accident at the intersection of Parke and Jocluk Roads. The investigation indicated that a 32-year-old Alanson man was driving a truck southbound on Jocluk, was unable to stop at a stop sign and struck a 40-year-old woman who was driving eastbound on Parke Road. The driver of the truck was arrested and taken to jail on a charge of driving while license suspended - second or subsequent offense. The woman was cited for driving without security.

er, head east toward Afon and pass other vehicles in a no passing zone. Officers pulled the truck over and made contact with the driver, a 20-year-

the vehicle was cited for purchasing alcohol for a minor. On Sunday, Nov. 20 at 12:30 p.m. officers were dispatched to a personal

Two Cheboygan County rest areas closing for the winter

As in most years, the Michigan Department of Transportation (MDOT) will keep nearly all of the state's 78 rest areas open this coming winter to maintain the convenience and safety they provide to motorists. Only five rest areas will be closed for the 21-week period beginning Dec. 5 and ending April 27, 2017. These closures are due to reduced use during winter months and safety concerns, such as steep entrance and exit drives and potentially slippery conditions on stairways between the parking lots and the buildings. "Many look to our network of rest areas year-round for convenience and safety on their travels," said State Transportation Director Kirk T. Steudle. "For that reason, we keep as many

open through winter as possible." The following five rest areas will close Dec. 5 and reopen in April: - St. Ignace Rest Area on southbound I-75 in Mackinac County - Ludington Rest Area on northbound US-31 in Mason County - Topinabee Rest Area on northbound I-75 in Cheboygan County - Hebron Rest Area on southbound I-75 in Cheboygan County - Hart Rest Area on southbound US-31 in Oceana County Designated rest areas will have "Closed Until Spring" signs posted, and will have the mileage to the next open rest area listed. Closed rest areas will be listed on MDOT's MI Drive construction and traffic information website at www.michigan.gov/drive.

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Wreaths, Swags, Grave Blankets & Garland
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EST. 1934
Annual Three Day Sale!
Storewide Clearance both locations
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Walk-ins when available!
Tues. - Fri. 9-5 • Sat. 9 to 3

Tuscarora Parks Commission looks for input on new rec plan
The Tuscarora Township Parks Commission has called a special meeting for 3 p.m. on Wednesday, Nov. 30 at the Tuscarora Township Hall. The purpose of the meeting is to receive public input on a new five-year recreation plan. Members of the public are welcome to attend and offer their suggestions and comments.

Friday & Saturday Only
Donate to the in-store food pantry box!
\$1 earns you a 10% discount
Goldenrod OF INDIAN RIVER
Memorable Gifts. Fine Jewelry.
231-238-9006 Downtown Indian River
OPEN 6 DAYS
SHOP LOCALLY!

DOWNTOWN WOLVERINE \$89,900
INDIAN RIVER \$179,900

Minutes/Notes From Public Input Session

Tuscarora Township Parks Commission
November 30, 2016 Special meeting minutes
Five Year Plan Public Input

Present were Jennifer Andrew, Tom Snyder, Dave Meckstroth, and Jim Burke.

Public attendees: Janet Vance, Sheree Lincoln, Darryl Pfister, Dick Lincoln

Jennifer called the meeting to order at 1500 hrs.

After explaining to our audience the purpose of this meeting, Jennifer opened it to the public for input on our five year plan at 1505.

Darryl Pfister said that he would like to see the Little Sturgeon River culvert on River Street removed.

Sheree Lincoln wants to solicit funding for an "EZ Launch" system for handicap kayak launching. She is researching places on the Indian River where it would be best suited. She will create a plan and propose it to our Parks Commission. The Red Barn property is under consideration, but there are deed restrictions such as "No public or commercial parking" that may be encumbering. We will need to understand this fully before planning use of this property.

Sheree Lincoln would like to see a drinking fountain and foot wash at Devoe Beach. She also wants to see sanitizer in the restrooms there.

Sheree Lincoln would like to see tiered Parks reservation rates. Jim told her that the Parks Commission will be discussing this throughout the winter months, benchmarking Petoskey, Traverse City, and other parks policies and reservation rates. He also stated that tiered rates are unlikely, as we plan to make our policy and rates simple and universal. More news to come.

Jennifer commented that we continually receive comments from our out of town parks users that our facilities are outstanding.

Dave commented for his wife Kathy who was not present that we need caps on the Greendocks pilings to dissuade people from climbing on them and jumping off. Several pilings are loosening and will have to be secured.

At 1553 hrs. Tom motioned to adjourn. Jim seconded. Adjourned.

Next regular meeting: December 8 at 1400 hrs. Our homework is review of the Parks Reservation Policy and enhancements to it, considering Petoskey and Traverse City policies.

Respectfully submitted December 1, 2016 by Jim Burke

Notice of Availability of Recreation Plan for at least 30 days (INSERT HERE)

**Resolution of the Parks & Recreation Commission Recommending Adoption of the Recreation Plan
(INSERT HERE)**

Public Hearing Notice for Township Board meeting of Month XX, 2017 (INSERT HERE)

Resolution of the Township Board Adopting the Recreation Plan (INSERT HERE)

Minutes from the Township Board Meeting of Month XX, 2017 (INSERT HERE)

Copies of Submittal Letters **(INSERT HERE)**

CHAPTER 4: RECREATION INVENTORY

Tuscarora Township Recreation Inventory

Township Owned Recreational Property & Facilities

1. **Co-Operation Park:** This park is located two miles south of downtown Indian River and is 63 acres in size. It has six enclosed baseball fields with dugouts and score booths with a practice field including two diamonds. There are four tennis courts, an outdoor basketball court, horseshoe pits, three soccer fields, a hiking path, two restroom/concession facilities, a skate park, sledding hill, ice/roller skating rink with warming hut, pavilion and state of the art children's playground. In winter, the ice rink is lighted and the hiking trails are used for cross-country skiing. The children's playground, known as Project Playground, is a 5900 square foot play structure within a fenced area providing young children with a multitude of activities. A walking track encircles the perimeter of the playground, inside the fence, allowing exercise for parents/guardians while overseeing the children's play.

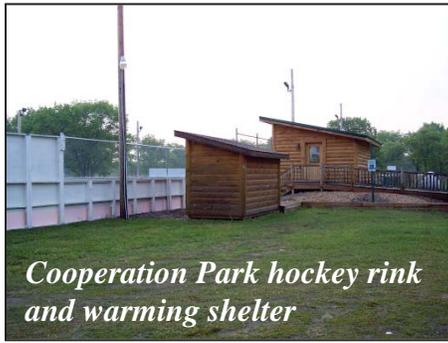
The park is utilized by Little Leagues, Soccer Leagues and two area high schools for organized sports. It has been the site of Little League and MHSAA District, Regional and State playoff games

Type: Large Community Park

Service Area: Township and surrounding areas with a much larger area when hosting organized sporting events

Barrier Free Accessibility = 3 (most of the facilities/park areas meet accessibility guidelines)

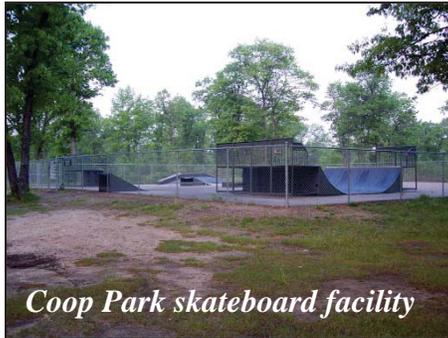




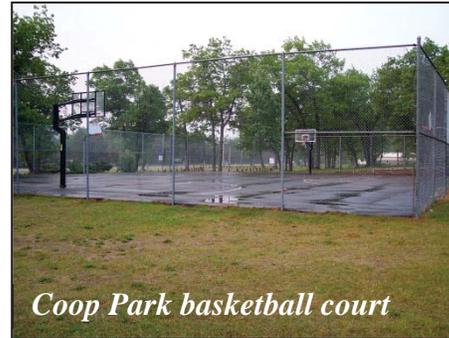
Cooperation Park hockey rink and warming shelter



Cooperation Park sledding hill



Coop Park skateboard facility



Coop Park basketball court

2. **DeVoe Beach and Veterans Pier:** DeVoe Beach Park is located in the heart of Tuscarora Township and is just a short walk from the middle of downtown Indian River. The park has a large sandy beach with volleyball net, picnic area with tables and grills, handicap accessible restrooms, boardwalk with benches, and hosts the annual 4th of July fireworks display, the Top O' Michigan Boat Races and the Indian River Chamber of Commerce family night during Summerfest. The park is also home to the recently constructed Veterans Pier, a universally accessible fishing pier on Burt Lake. Collectively this creates an inviting and multi-faceted recreational area. Without a doubt however, the main attraction is the pristine water resources of Burt Lake and the Indian River.



DeVoe Beach

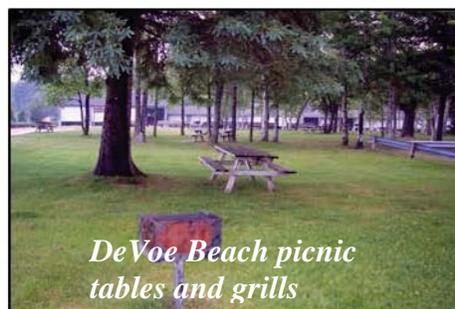
Type: Community Park

Service Area: Township and surrounding areas

Barrier Free Accessibility = 4 (the entire park meets accessibility guidelines)



Veterans Pier Aerial View



DeVoe Beach picnic tables and grills



Veterans Pier

3. **Marina Park:** This 4.4 acre park is located at the confluence of the Indian River and Little Sturgeon River. It features docks for fishing, benches, picnic tables, grills, and a childrens playground. It is also home to the Tuscarora Township Boat Launch, located directly across the Little Sturgeon River. The launch is a dual ramp deep water launch with parking for 26 vehicle/trailer combinations. The Marina Park Trailhead servicing the North Central State Trail is located here as well. The recently constructed trailhead provides safe, off-street parking, trail gateway feature, landscaping, lighting, benches, trash receptacles, bike rack and upgrading bathrooms in the adjacent Chamber of Commerce building. The trailhead functions as a staging area for people to access the NCST and serve as an access point to welcome trail users into downtown Indian River. A feature being considered for the park is a bandshell.



Type: Neighborhood Park & Special Use Area

Service Area: Township and surrounding areas

Barrier Free Accessibility = 3 (most of the facilities/park areas meet accessibility guidelines)



4. **Green Docks:** Green Docks is public access site on the north side of the Indian River located just west of the Indian River Bridge on Prospect St. The site has historically been a local's favorite swimming spot for many generations and is a short walk to the Indian River Golf Course and downtown Indian River. The site features a new boardwalk, and benches and picnic tables. The park has become a highly used site for fishing, swimming, picnicking and grilling.



Type: Neighborhood Park

Service Area: Township and surrounding areas

Barrier Free Accessibility = 3 (most of the facilities/park areas meet accessibility)

5. **Hide Away Park:** Located in downtown Indian River at the end of River St, this small park offers a relaxing view of the Indian River from its picnic table. The name Hide Away Park was chosen by students at Inland lakes Schools, who also built the boardwalk.



Type: Pocket Park

Service Area: Indian River Area

Barrier Free Accessibility = 3 (most of the facilities/park areas meet accessibility)

6. **Tuscarora Township Hall and Library:** The Township Hall's meeting room is available for rent to persons and organizations in the community. The Indian River area Library, located in the township building, is open 30 hours a week, and has a large collection of books, videos, audio books, and magazine subscriptions.

Type: Special Use Area

Service Area: Township

Barrier Free Accessibility = 4 (the entire facility meets accessibility guidelines)

Other Publicly Owned Recreational Facilities in and surrounding Tuscarora Township

7. **Burt Lake State Park:** This 400 acre park, located in Indian River, has 380 modern and rustic campsites and an organization campsite. There is a large sand beach and swim area on Burt Lake, boat launch, day use and picnic area with ball field. All campsites have picnic tables. Modern campsites offer electric service, modern restrooms with showers, and one mini cabin. Visitors to the park can enjoy swimming, boating, fishing, hiking, sightseeing, and bird/wildlife viewing.
8. **Inland Lakes Schools:** The high school built a gymnasium in 1989 and has been the site of many District and Regional tournaments. The school's old gym is used for school and community activities. A football field, adjacent to the high school's P.E field, and an all weather track were completed in the fall of 1996. Playground equipment adjoins the elementary school. The school utilizes the baseball and softball fields at Co-Operation Park. A new field house, The Rowan Athletic Center, provides locker room facilities for home and visiting athletic teams, as well as a fitness center open to the public for a small usage fee.
9. **Inland Waterway:** Tuscarora Township is located at the center of the Inland Waterway. Over 40 miles of a combined chain-of-lakes and rivers, eventually leading to Lake Huron, it has tremendous historical and recreational significance.

10. **State Lands:** There are over 4,000 acres of State owned lands within the township which are open for public hunting and recreation. Townships adjacent to Tuscarora Township also have considerable state owned lands. Many have significantly more than Tuscarora Township. In addition to hunting, state owned lands offer excellent opportunities for sightseeing, bird and wildlife viewing and hiking.
11. **Trails:** Several trails lie within or adjacent to the township. Most notably, the Gaylord to Cheboygan Rail Trail (North Country State Trail) runs through the township. The 61 mile trail is one of the premier multi-use trails in the Midwest. A groomed snowmobile trail begins just south of town in the township. Also, a groomed cross-country ski trail begins in Mentor Township to the south. Burt Lake State Park offers a short hiking trail. The Lost Tamarack Pathway and Wildwood Hills Pathway are nearby in Mentor Township. There are several preserves and campgrounds nearby that also offer hiking/cross country skiing trails.
12. **Preserves:** There are numerous preserves within, or a short distance from Tuscarora Township. The Seven Springs Preserve and the Robert Fergus Memorial Preserve are within the Township. The Chaboiganing Nature Preserve is on the northwest shore of Burt Lake in Burt Township. The Giauque Preserve is on the shore of Mullet Lake, just north of the Township in Mullett Township. The Andreae Preserve lies on the pristine Pigeon River in Koehler Township just a few miles east of Indian River. There are also several preserves/conservancy lands in both Springvale and Littlefield Townships (Emmet County) just to the west of Tuscarora Township. Most of the preserves of hiking trails with some having interpretive trails. All offer excellent opportunities for birding and wildlife viewing.
13. **Campgrounds:** There are no public campgrounds in Tuscarora Township except for Burt Lake State Park. However, there are several public campgrounds in nearby areas. Maple Bay State Forest Campground is just to the north of the Township on the northwest shore of Burt Lake. Weber Lake State Forest Campground is just to the south in Mentor Township. Aloha State Park is not far to the northeast in Aloha Township. Camp Pet-O-Se-Ga (Emmet County) is just west of the Township.
14. **Water Access Sites:** There are sixteen small access sites on the Indian River and six on Burt Lake. Most were created when roads ended at the lake or river. The level of development and facilities provided varies from site to site.
15. **Oden State Fish Hatchery:** Lying about 8 miles west of Tuscarora Township, in Emmet County, is the Oden State Fish Hatchery. The original hatchery was established in 1921 and operated until 2002. The new Oden State Fish Hatchery complex was completed in 2002 and is one of the most advanced fish culture facilities of its kind. The facility has production buildings for rearing and broodstock, outdoor rearing facilities and a state of the art effluent treatment system. The old hatchery has been transformed into a Great Lakes watershed interpretation area, featuring the Michigan Fisheries Visitor Center that includes a replica of a fish transportation railcar.

Privately Owned Recreational Facilities in/adjacent to Tuscarora Township

16. **Indian River Golf Course:** This beautifully maintained eighteen-hole golf course is open to the public. They also have a clubhouse with a restaurant, as well as a driving range.
17. **National Shrine of the Cross in the Woods:** The Catholic shrine is home to indoor and outdoor churches, several small shrines, and the largest crucifix in the world. It has become one of the most famous and most frequently visited shrines in Michigan. Each year, over 300,000 people from all over Michigan and the U.S. visit the Cross in the Woods Shrine.
18. **The Sportsmen's Club:** Located just outside the Township in Koehler Township, the facility has a meeting hall and outdoor rifle range.
19. **Burt Lake Community Club:** The Burt Lake Community Club offers a small park with a basketball court and tennis court.
20. **Big Bear Miniature Golf:** Completed in 1990, this highly successful business is located in Indian River directly across the road from Burt Lake State Park.
21. **BrassWind Landing:** This unique store provides a one of a kind experience. They offer custom trips - with higher end lake, river, hybrid and sea kayak including sit-in kayaks, sit-on-tops, stand on top boards, fishing kayaks and custom wood kayaks – on area lakes and rivers. They also offer bike rentals. In addition to kayak sales and rentals, the store has its own gift shop and art gallery. It is also home to the BrassWind BoatWorks, a wood boat building shop. The shop offers wood boat consulting and building with classes and lessons.
22. **Camps:** There is one camp, Camp Algonquian, within Tuscarora Township. It is owned by the Ann Arbor YMCA/YWCA and primarily used as a summer youth camp. Wolverine Camps, a sports and educational camp, is located in Mentor Township to the south.
23. **Campgrounds:** There are three privately owned campgrounds in the Indian River area. Indian River RV and Campground is just north of Indian River. Michigan Oaks is only a few miles east of the Township on highway M-68. Pigeon Bay Campground sits just east of the Township on the southern shore of Mullett Lake.
24. **Marinas:** There are three privately owned marinas in the area. Burt Lake Marina on Burt Lake, and Indian River Marina and Howe Marina on the Indian River. All three are in the community of Indian River. They offer boat sales and service, boating supplies and boat rentals.
25. **Motels/Resorts/Cottage Rentals:** There are approximately ten motels in the area. Available amenities vary from one location to another. Many of the resorts offer small boat rentals. There is one motel with a swimming pool, open during busy months only to its guests.
26. **Canoe/Kayak/Tube Rentals:** There is three canoe/kayak rental facilities in the area. Big Bear Adventures (also home to Big Bear Miniature Golf) located across from Burt Lake State

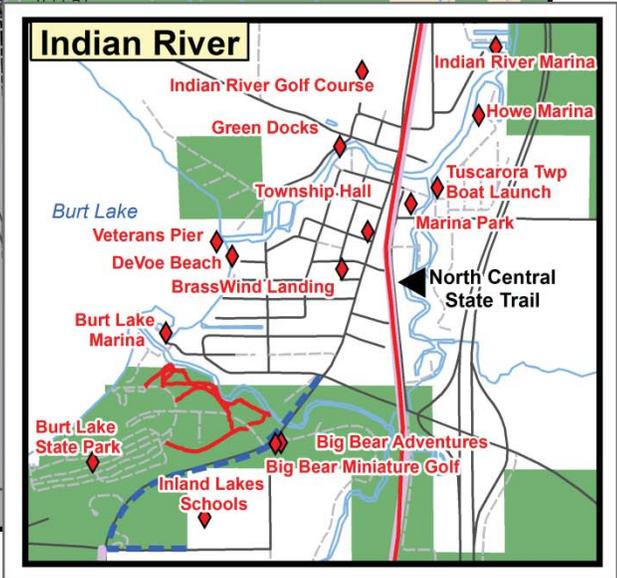
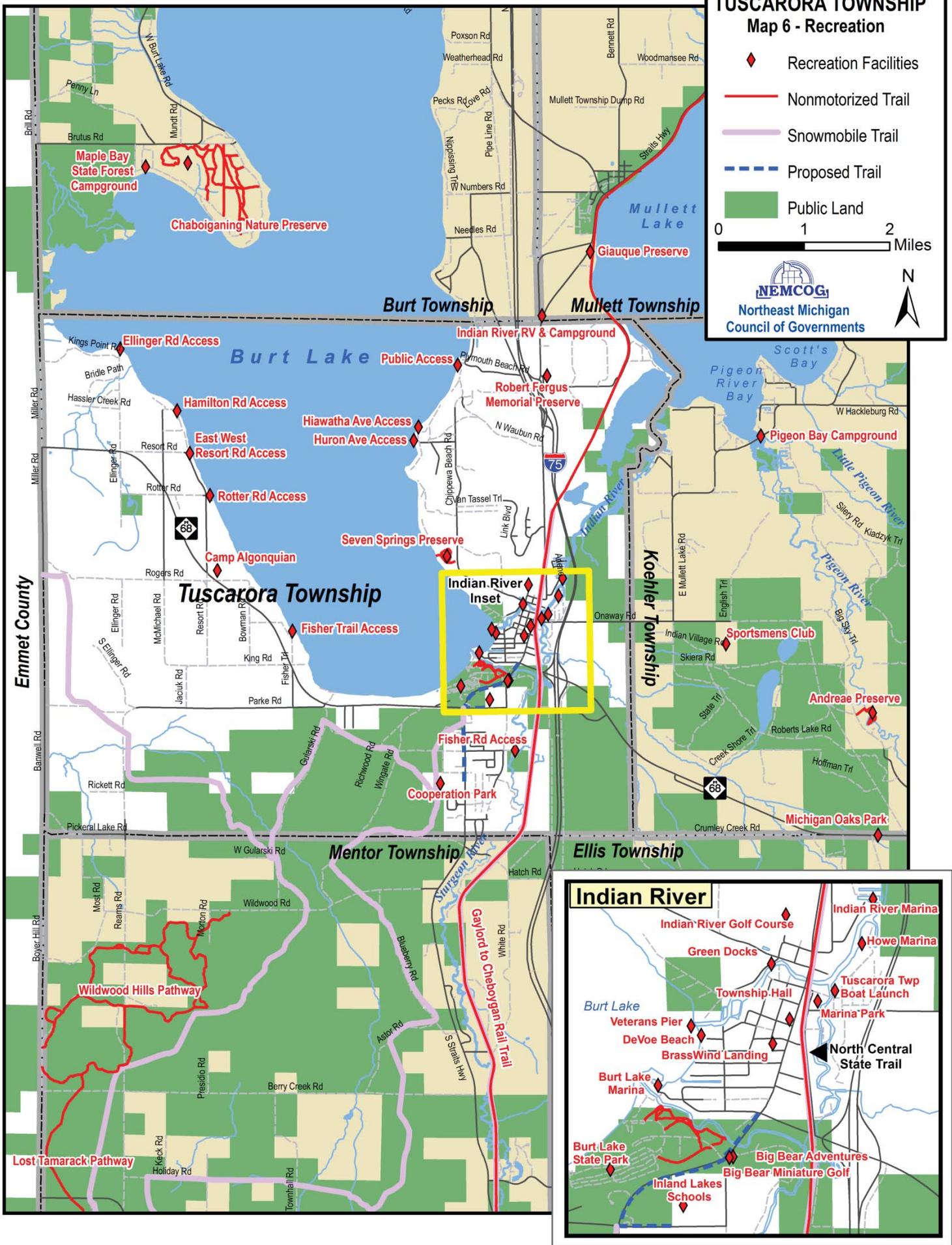
Park, BrassWind Landing in downtown Indian River, and Henley's Canoe, Kayak, & Tube Rental on the Sturgeon River about 8 miles south of the Township in the Village of Wolverine.

TUSCARORA TOWNSHIP
Map 6 - Recreation

-  Recreation Facilities
-  Nonmotorized Trail
-  Snowmobile Trail
-  Proposed Trail
-  Public Land



Northeast Michigan
 Council of Governments



Regional Recreation in the “Tip of the Mitt”

Complete information on all public and private recreational facilities in the region can be found in the Cheboygan County Recreation Plan and the Emmet County Recreation Plan. Below is a summary list of recreational sites in the “Tip of the Mitt” region.

Parks

Aloha State Park
Onaway State Park
Black Mountain Forest Recreation Area
Cheboygan State Park
Wilderness State Park
Petoskey State Park
Douglas Lake Picnic Area
Fort Michilimackinac State Park
Historic Mill Creek State Park
Mullet Township Park
Munro Township Picnic Grounds
Nine Mile Point State Roadside Park (US23)
"Point Nipigon" State Roadside Park (US23)
Polish Line Beach, Mullett Lake
Topinabee Beach Park
Topinabee Park
Wilmot Township Roadside Park
Village of Wolverine Park
Gordon Turner Park, Straits of Mackinac, Cheboygan
Washington Park, Main St & Cheboygan River, Cheboygan
Kiwanis Park Playground, Mackinaw Ave, Cheboygan
Veterans Memorial Park, Court St, Cheboygan
Major City Park, Cleveland Ave, Cheboygan
James Felix Merchant Neighborhood Park, Eastern Ave, Cheboygan
Indian Pathways Park, Mackinaw City
Alexander Henry Waterfront Park, Mackinaw City
Sinclair Park, Mackinaw City
Depeyster Park, Mackinaw City
Scherf Park, Mackinaw City
Wawatam Park, Mackinaw City
Old School Park, Mackinaw City
Arnold Line Playground Park, Mackinaw City
Conkling Heritage Park, Mackinaw City
McRae Nature Park, Mackinaw City
Headlands, Emmet County, Mackinaw City

Campgrounds

Black Lake State Forest Campground
Haackwood State Forest Campground
Maple Bay State Forest Campground

Pine Grove State Forest Campground
Pigeon River Country Horse Camps
Stoney Creek Trail Camp
Twin Lakes State Forest Campground
Weber Lake State Forest Campground

Boat and Water Access Sites

Aloha State Park
Black Lake State Park
Black Lake State Forest Campground
Stewarts Beach & Co. Line Rd

Black River

Neuman Rd
Kuras Dr
Klieber Rd, Black River at Klieber Pond

Burt Lake

Plymouth Beach Rd
White Goose Rd
Lawless Lane
Greenman's Point Rd.
Plymouth Beach Rd
Shawnee Ave
Ellinger Rd, King's Point
Maple Bay State Forest Campground
Roberts Rd
E Fisher Rd
Rotter Rd
N Hamilton Dr & Resort Rd
Hamilton Rd & N Hamilton Dr
Woodmansee Rd
Hardwood Rd
Mundt Rd
Brutus Rd
Needles Rd
Chippewa & Straits Hwy, Indian River
Hoppie's Launch

Cheboygan River

Paully Rd, Cheboygan/Black Rivers
McRae Rd, Cheboygan/Black Rivers
Cheboygan River, Cheboygan
Beebe Rd, S Cheboygan River
S Cheboygan River, Cheboygan

Crooked Lake

Glenn Rd
Birch Rd
Elizabeth St
Graham Rd

Douglas Lake

Near Ingleside Resort
N Wilson Rd
Bently Point Dr
Ashton Bay Rd
Young Rd
Van Rd
Douglas Lake Rd
S Pell's Island Dr

Indian River

Indian River Marina, Apple Blossom Rd
Tuscarora Township Boat Launch (Marina Park), Nabanois Trail
The Landings, Beatty Dr & Inland Route Rd
Witt Blvd
Constance Ave
Lake St.
Hideaway Park, River St
Green Docks, Prospect St
Juno St
Marina Park, Onaway Rd
Modoc Rd

Klieber Pond

Shanty Rapids Rd
Twin School Rd
Klieber Rd
Koepke and W Lancaster Lake Rd, Lancaster Lake
Lake Land Rd, Long Lake

Mackinaw Area

Mackinaw City
Freedom Rd & US23, Straits of Mackinac

Mullett Lake

Dorvia Beach Rd
Bowersocks Camp
Boy Scout Camp
Coedy Trail
Mullett Lake Rd

McDonald & Orchard Beach Rd
Mullett Lake Woods Rd
Cater & McDonads Rd
Foote Rd
Bayshore Dr
Island Route Dr
Mullett Lake Dr
Beebe Rd & Gower Ln
Lakeside Dr & Parrott Point Dr
Deroshia Ln
S Gradview Beach & Pleasant Beach
Bennett & M27
M-27
Red Bridge Rd
Silver Beach Rd
Zolner Rd
Taylor Rd
Corbat Rd
Birch Ridge Rd
Brandau Rd, Munro Lake
Osmun Rd, Osmun Lake

Pickerel Lake

Artesian Ln
Botsford Rd
Mission Rd

Pigeon River

Hazard & Afton Rd
Eddy Rd
Big Sky Tr & Skiera Rd
Webb Rd
Shady Trail
Campsite Rd
Abrahamson Rd, Puncan Bay
Roberts Lake Rd, Roberts Lake
Stoney Creek Rd, Stoney Creek Flooding

Sturgeon River

White Rd
S Straits Hwy & Hackwood Rd
Scott Rd
Fisher Woods Rd

Tower Pond

Co-Op Rd & E Tower Rd

Co-Op Rd & Barkely Ave
M33/M68

Upper Black River
S Black River Rd & Dixon Hwy
Clark Bridge Rd

Wildwood Lake
Wurns Rd
Island Dr

Other small lake access sites

Cochran Lake Dr, Cochran Lake
Cornwall Lake Rd, Cornwall Lake
Oshmun Rd, Dog Lake
Weber Lake State Forest Campground
Twin Lake Forest Campground

Public Fishing Access Sites

Brady & Waveland Rd, Stoney Creek
Onaway Dump Rd, Upper Black River
Black River Rd, Upper Black River
Wigglesworth Rd, Upper Black River
Section 36, Upper Black River
Fisherman's Landing, South St and Lincoln Ave, Cheboygan
Fishing and Observation Pier, Mackinaw City

Marinas, Harbors, Ferry Service

Cheboygan City Marina
Cheboygan County Marina
Ferry to Bois Blanc Island, Cheboygan
Harbor, City of Cheboygan
Harbor, Mackinaw City
Johnson Marine, Main St, Cheboygan
Walstrom Marine, State St, Cheboygan
Duncan Bay Boat Club, Harrison Ave, Cheboygan

Wildlife Flooding Areas

Cornwall Lake State Wildlife Flooding
Dingman Marsh State Wildlife Flooding
Dog Lake State Wildlife Flooding
Stoney Creek State Wildlife Flooding

Unique Natural Features

Ocqueoc Falls

Underground river (part of Oqueoc River)
Sinkholes
Pigeon River Country

Trailheads

Black Mountain Pathway Trailhead, Dorvia Beach Rd
Black Mountain Pathway Trailhead, Black Mountain Rd
Bummer's Roost Motorcycle Trailhead
Lost Tamarack Trailhead, Weber Lake State Forest Campground
Indian Waterway Trailhead
Tomahawk Motorcycle Trailhead, Wilson Rd
Wildwood Hills Pathway Trailhead
Health Path & Exercise Trail, Major City Park, Cheboygan

Downhill Skiing

Nub's Nob, Harbor Springs
Boyne Highlands, Harbor Springs
Boyne Mountain, Boyne Falls
Otsego Club Resort, Gaylord
Treetops, Gaylord

Inventory Procedures

The methods used by NEMCOG staff to compile this recreational inventory include verification and compilation of information from previous Recreation Plan, compilation of information provided by Tuscarora Township officials, and a compilation of information from the Cheboygan County Recreation Plan, Emmet County Recreation Plan, and the Tuscarora Township Master Plan. Compiled information was compared to existing information to ensure consistency and/or accuracy.

Recreation Grant Inventory

Project Title: Cooperation Park

Project Number: 26-00696

Year: 1976

Grant Amount: \$27,000

Project Description: Develop and improvements to Cooperation Park including: Road improvements, playground equipment, ballfield fencing, multi-use court, burial of overhead wires, and LWCF sign.

Current Status: Details of the park development are described above in *1. Cooperaion Park*. The Park is a highly used park and one of the primary recreational facilities within the Township. With the exception of the playground equipment, all of the developments funded by this grant are still in use. The playground equipment was replaced in 2002 with modern equipment. Aside from annual maintenance and some needed reconditioning, all of the elements are still in good condition.

Project Title: Cooperation Park Phase II

Project Number: 26-01218

Year: 1981

Grant Amount: \$15,000

Project Description: Overall site improvements and landscaping in the park, construction of a ball diamond, extension of the park road and parking area, fencing for the tennis court, and LWCF sign.

Current Status: Details of the park development are described above in *1. Cooperation Park*. All of the funded elements are still in use and in good condition. The ball diamond is in need of some reconditioning due to the extensive use.

Project Title: DeVoe Park Burt Lake

Project Number: TF1033

Year: 1985

Grant Amount: \$135,000

Project Description: Acquire 1.16 acres of property with 120 feet of Burt Lake Frontage.

Current Status: Details of the park development are described above in *2. DeVoe Beach*. Since acquisition in 1985, the Township has made continuous improvements to the park. The park and its facilities are still used extensively and remain in good condition. Maintenance activities are performed continuously to ensure the park is safe and pleasurable to use.

Project Title: Tuscarora Township Park Acquisition

Project Number: TF00-040

Year: 2000

Grant Amount: \$1,184,000

Project Description: Acquisition of approximately 5 acres of property with 1200 feet of Indian and Little Sturgeon River frontage.

Current Status: Details of the park are described in *3. Marina Park*. Since the acquisition, the township has continued to improve the park. Waterways grants were obtained in 2008, for construction of the boat launch, and again in 2010 to develop the parking lot for the boat launch. All existing facilities are in good condition. The boat launch is heavily used.

Project Title: Indian River Pathway Development

Project Number: TF09-072

Year: 2009

Grant Amount: \$393,400

Project Description: The project created a pathway from the North Central State Trail west to Straits Hwy, and then south across the Sturgeon River and ending at the Burt Lake State Park entrance, and will include a pedestrian bridge over the Sturgeon River. Signage, pathway markings, benches and trash receptacles will also be included.

Current Status: Construction was completed in 2014. The pathway was extended to Inland Lakes Schools. The pathway is widely used with future extensions in planning.

Project Title: Veterans Pier Development

Project Number: TF10-063

Year: 2010

Grant Amount: \$384,900

Project Description: Construction of a universally accessible fishing pier at the Townships DeVoe Beach Park along the Indian River and Burt Lake, part of the famed Inland Waterway. The facility is the only universally accessible structure of its type on Burt Lake.

Current Status: Construction was completed in 2014 with a grand opening and dedication ceremony in 2015. The facility is heavily used and very popular.

Project Title: Marina Park Trailhead

Project Number:

Year: 2011

Grant Amount: \$250,900

Project Description: Construct a trailhead adjacent to the North Central State Trail. The project provides safe, off-street parking, trail gateway feature, landscaping, lighting, benches, trash receptacles, bike rack and upgrading bathrooms in the adjacent Chamber of Commerce building. The trailhead functions as a staging area for people to access the NCST and serve as an access point to welcome trail users into downtown Indian River.

Current Status: Construction was completed in 2016 and is widely used.

CHAPTER 5: GOALS, OBJECTIVES & ACTION PLAN

After reviewing community input and the demographic characteristics of the township, the following goals and objectives will provide overall guidance in recreational project development to the parks commission, and community groups and organizations. Table 3 contains the Capital Improvement Schedule.

General Goals

1. Improve the quality of life for residents and bring visitors to Tuscarora Township by maintaining, improving and expanding recreation within the Township and surrounding areas by working cooperatively with local and State governmental agencies, community service agencies, and local businesses.
2. Provide a balance of recreational amenities which are oriented to the aging population to increase the desirability of the community to retirees.
3. Provide recreational amenities which are oriented toward the younger population and families in order to increase the livability of the community to attract young families to the area and retain older youth.
4. Improve the overall local economy by enhancing the livability of the community in order to attract entrepreneurs and encouraging the creation of new tourism-based jobs.
5. Develop recreational facilities in a manner that enhances water access and recreational opportunities, yet supports the environmental sustainability of the Townships high quality water resources.
6. Enhance and expand recreational opportunities at existing facilities by acquiring adjacent properties should they become available.
7. Support cooperative regional recreation planning and development with Cheboygan County, Michigan DNR, other surrounding communities, and local groups and organizations.

A. Cooperation Park

Goal: Continue to develop and improve Cooperation Park to provide multi-generational recreation opportunities for the enjoyment of year-round and seasonal residents, tourists and visitors.

1. **Objective:** Improve the recreation center of the Park by addressing needs of existing facilities.
 - a. **Action:** Improve park signage and landscaping.
 - b. **Action:** Improve and pave park driveway and parking areas.
 - c. **Action:** Improve and add additional driveway and parking areas lighting.
 - d. **Action:** Recondition softball/baseball fields.
 - e. **Action:** Add lighting for baseball/softball fields, basketball courts, and tennis courts to allow extended hours of usage.
 - f. **Action:** Replace benches and tables to maintain quality park amenities.
2. **Objective:** Expand existing park facilities to meet existing demand, and/or encourage expanded use.
 - a. **Action:** Construct new baseball/softball and soccer fields to meet demand.
 - b. **Action:** Construct new tennis courts to meet demand.
 - c. **Action:** Construct new restrooms.
3. **Objective:** Increase recreational opportunities at the Park to meet current and future multi-generational needs of the community and surrounding areas.
 - a. **Action:** Acquire 40 acres north of park from MDNR, and Mason property, to allow expansion of park and recreational opportunities.

B. DeVoe Beach

Goal: Enhance the recreational opportunities at DeVoe Beach to encourage its establishment as a primary recreational facility in the Township.

1. **Objective:** Facilitate easy access to Burt Lake and the Indian River for fishing and scenic viewing.
 - a. **Action:** Maintain fishing pier to allow easy access for the young, elderly, or physically challenged.

2. **Objective:** Provide amenities to improve the overall usability of the park.
 - a. **Action:** Construct modern restrooms once sewer system is in place.
 - b. **Action:** Install drinking fountain and foot wash.

C. Marina Park

Goal: Continue improvements to Marina Park to establish it as a recreational attraction, and stopping point for boaters on the Inland Waterway, and snowmobilers and other users on the North Central State Trail.

1. **Objective:** Support the overall development of the Park.
 - a. **Action:** Develop “Red Barn” property for boat launch overflow parking.
2. **Objective:** Provide for developments to the Park that support Inland Waterway boaters, and provide boaters access to the downtown area and trail system.
 - a. **Action:** Develop a short-term boat docking plan.

D. Green Docks

Goal: Continue improvements to the Green Docks site to support its continued use as a quality recreational site.

1. **Objective:** Provide amenities to improve overall usability of the park.
 - a. **Action:** Install restroom facilities.
 - b. **Action:** Install caps on dock pilings to enhance safety and discourage climbing.

E. West Burt Lake Area

Goal: Expand the recreational opportunities on the West side of Burt Lake.

1. **Objective:** Assess options for increased/improved water access and other recreational opportunities.
 - a. **Action:** Develop a plan for motorized and/or walk-in access at public road ends along the west Burt Lake shoreline.
 - b. **Action:** Assess the recreational needs on the West side of Burt Lake.

- c. **Action:** Develop funding/volunteer program for access sites and west side recreation improvements.

F. Trails

Goal: Develop recreational trail systems to increase the livability of the community, and preserve and improve access to public lands, local amenities and water resources.

1. **Objective:** Develop an overall trails system plan to connect recreational facilities with schools, tourist destinations, downtown, and waterfront areas.
 - a. **Action:** Organize key stakeholders to provide a coordinated approach for trails development.
 - b. **Action:** Develop a non-motorized trail plan which links parks, schools, downtown, tourist destinations and water access sites, and rail-trails.
 - c. **Action:** Obtain local, state and federal funding for the construction of a trails system.
2. **Objective:** Construct non-motorized trails system and supporting facilities.
 - a. **Action:** Construct non-motorized trail/sidewalks from schools south to M-68, shrine, and Co-op Park.

G. Water Access

Goal: Continue to expand and improve access to the water features in the Township.

1. **Objective:** Work with local citizens and/or committees to expand and improve access to the waterways for various user types.
 - a. **Action:** Research options, costs, and potential locations for an “EZ Launch” type handicap accessible kayak launch system.

Basis for Action Program

There are a number of issues to consider when planning for recreational facilities in Tuscarora Township:

1. The Township has a significant older population according to the 2010 US Census data. Individuals 60 years of age and older make up 31% of the population, compared to the statewide average of 19 %. The majority of in-migration appears to be due to relocation of persons aged 60 and older. Therefore, thought must be given to planning for this large resident population which has both the time and desire for age appropriate recreational activities.
2. Young people ages 0-19 comprise 22% of the townships population and 34% of the population is between 25-54 years of age (the age where there would typically be children living at home). When planning recreational facilities for the younger population, careful consideration should be given to both location (close to population) and ease of access (non-motorized access to facilities).
3. Tuscarora Township is a small rural community with a maintenance staff consisting of one permanent full-time employee and variable seasonal employment. This staff is responsible for the upkeep and maintenance of all township properties including parks and recreation facilities.
4. Tuscarora Township is very proud of its natural beauty and rural character. It is important to those planning for its growth and development that every effort be made to balance ecological concerns with tourism potential. Protection of natural resources and scenic areas must therefore be a major element of the planning process.
5. The issue of improving the local economy by establishing the area as a premier recreation destination is important. Local communities have been forced to take a look at employment opportunities and future jobs. Tuscarora Township sees an opportunity to continue transforming itself into a premier tourist destination by capitalizing on its abundant natural resources, central northern Michigan location, and proximity to major trail systems. The attraction of visitors to these recreational amenities has the potential to create not only direct tourism related jobs, but also to increase sales at local establishments which serve those visitors (i.e. local motels, cottage rentals, watercraft rentals, restaurants, resorts, grocery stores, gas stations, etc.). In addition, the Township strives to create a community with a defined sense of place and a high quality of life which will attract young families and entrepreneurs. This quality of life will also help to retain local youth who otherwise would leave the area upon reaching adulthood. The retention of youth and attraction of visitors are two methods with which the Township hopes to continue its economic turn-around.

With these issues in mind, other factors to be considered in recreational plan development for Tuscarora Township include:

1. Development of recreation opportunities which are appropriate to the Townships major population groups. Both active and passive recreation opportunities require easy access to

allow use by those with limited transportation resources, including the elderly and youth of the Township.

2. Maintenance and operation of existing and new recreational facilities in a manner which preserve their ecological and scenic value, with limited staff.

Capital Improvement Plan

The Capital Improvement Schedule found below describes what recreational improvements the parks and Recreation Commission as well as the Township would like to pursue over the next five years.

Table 3: Capital Improvements Schedule 2017-2021				
Cooperation Park				
Priority	Improvement	Estimated Costs	Funding	Timeframe
High	Recondition softball/baseball fields	\$25,000	Local, State, Private Donations	2017-2018
High	Lights for basketball/tennis courts	\$15,000	Local, State, Private Donations	2017
Low	Baseball/softball field lights	\$60,000/field	Local, State, Private Donations	2021
Medium	Replace benches, and wooden tables	\$17,000	Local, State, Private Donations	2020
High	Build new baseball fields	\$60,000	Local, State, Private Donations	2017
Medium	New soccer field.	\$35,000	Local, State, Private Donations	2020
Medium	Construct new tennis courts	\$50,000	Local, State, Private Donations	2021
Medium	Construct new restrooms	\$16,000	Local, State, Private Donations	2018
Medium	Improve & pave driveway & parking areas	\$150,000	Local, State, Private Donations	2020
Medium	Improve park signage & landscaping	\$50,000	Local, State, Private Donations	2019
Medium	Driveway & parking area lighting	\$25,000	Local, State, Private Donations	2020
High	Acquire Mason property	TBD	Local, State, Private Donations	2018
High	Acquire land from DNR - 40 acres	\$60,000	Local, State, Private Donations	2018

DeVoe Beach				
Priority	Improvement	Estimated Costs	Funding	Timeframe
High	Restrooms (contingent on sewer system)	\$60,000	Local, State	
	Install drinking fountain & foot wash	TBD	Local, State	
High	Acquire adjacent property	TBD	Local, State	2017
Marina Park				
Priority	Improvement	Estimated Costs	Funding	Timeframe
High	Develop "Red Barn" property	TBD	Local, State	
High	Develop short-term boat docking plan	\$150,000	Local, State	2017
Green Docks				
Priority	Improvement	Estimated Costs	Funding	Timeframe
Low	Construct restroom facilities	\$16,000	Private	
Medium	Install caps on dock pilings	TBD	Local, State, Private Donations	2020
West Burt Lake Area				
Priority	Improvement	Estimated Costs	Funding	Timeframe
High	Develop plan for road-end walk-in access improvements on west Burt Lake shoreline		Volunteers	2017-2018
High	Asses recreational needs on West side of Burt Lake		Volunteers	2017-2018
High	Develop funding/volunteer program for west side recreation improvements		Volunteers	2018-2019
Trails				
Priority	Improvement	Estimated Costs	Funding	Timeframe
High	Construct non-motorized trail/sidewalks from schools south to M-68, shrine, and Co-op Park	\$250,000	Local, State, Federal, Private Donations	2018
Water Access				
Priority	Improvement	Estimated Costs	Funding	Timeframe
High	Research kayak launch options and locations	TBD	Volunteers	2017