

# **Michigamme Township, Michigan**



## **Master Plan and Recreation Plan**

**...where nature's beauty abounds!**

# Michigamme Master Plan

## Michigamme Township, Michigan

### Table of Contents

Chapter 1: Introduction.....	3-9
Purpose of a Township Master Plan	
Use of the Plan	
Location and Transportation Links	
Community Introduction	
A Brief History of the Area	
Chapter 2: Community Profile.....	10-13
Demographics	
Population	
Income and Poverty	
Age Distribution	
Population Density	
Race	
Households	
Housing	
Employment	
Tourism	
Chapter 3: Natural Resources.....	14-20
Introduction	
Climate	
Topography	
Forestlands	
Wetlands	
Soils	
Water Resources	
Fish and Wildlife Resources	
Wind Energy Potential	
Natural Features Map	
Chapter 4: Existing Land Use.....	21-25
Introduction	
Michigamme Township Current Land Use	
Village of Michigamme Land Use	
Current Land Use Map	



# Michigamme Master Plan

## Michigamme Township, Michigan

### Table of Contents (Cont.)

<p>Chapter 5: Community Services and Facilities.....</p> <ul style="list-style-type: none"> <li>Introduction</li> <li>Transportation</li> <li>Public Water and Sanitary Sewer Service</li> <li>Solid Waste Management</li> <li>Health Care</li> <li>Emergency Care</li> <li>Police Protection</li> <li>Fire Protection</li> <li>Communication Infrastructure</li> </ul>	<p>26-33</p>
<p>Chapter 6: Recreation.....</p> <ul style="list-style-type: none"> <li>Community Description</li> <li>Administrative Structure</li> <li>Recreation Inventory</li> <li>Township Recreational Facilities</li> <li>Regional Recreation</li> </ul>	<p>34-39</p>
<p>Chapter 7: Public Input.....</p> <ul style="list-style-type: none"> <li>Introduction</li> <li>Planning Workshop/Open House</li> <li>Survey</li> <li>Community Vision Statement</li> </ul>	<p>41-44</p>
<p>Chapter 8: Goals and Objectives.....</p> <ul style="list-style-type: none"> <li>Project Budgets</li> <li>Goals and Strategies</li> </ul>	<p>45-50</p>
<p>Chapter 9: Future Land Use and Zoning Plan.....</p> <ul style="list-style-type: none"> <li>Introduction</li> <li>Future Land Use Description and Map</li> <li>Zoning Districts and Zoning Plan</li> <li>Current Zoning Districts and Intent</li> </ul>	<p>51-53</p>
<p>Appendix A: Township Financial Plan.....</p>	<p>54</p>
<p>Appendix B: Public Input.....</p>	<p>59</p>



# Michigamme Master Plan

## Michigamme Township, Michigan

### CHAPTER 1 - INTRODUCTION

#### *PURPOSE OF A TOWNSHIP MASTER PLAN*

This plan update was undertaken to help the citizens of Michigamme Township make informed decisions and set priorities and goals to achieve a more sustainable community. The plan will serve as a guide for future decisions about land-use, recreation, capital spending priorities, and economic development.

This Master Plan shall also serve as the Township's Recreation Plan and the chapter on recreation has been structured to meet the Michigan Department of Natural Resources requirements for a recreation plan.

A Master Plan is a long-range policy document that provides a framework for the future. It is not a law. The zoning ordinance is one regulatory mechanism, or law, that is meant to implement the policies of the Master Plan. State law requires that the zoning ordinance be based on an adopted plan. Zoning decisions consistent with an adopted Master Plan are presumed by courts to be valid. In this way, the Master Plan strengthens the Township's legal position for land use regulations.

The planning process also provides valuable community benefits. In developing the Master Plan, local officials and the Michigamme community came together to identify problems and find reasonable solutions. Planning also creates a framework for public participation and community involvement which promotes regional cooperation and contributes to small town quality-of-life. Community planning is not a technical, academic process that converts information into clear-cut policies. A Master Plan is a living document that rests on the foundation of community vision—what the people of a community envision and support for their collective future.

Today, as resources are thinly stretched, it is also important to look for beneficial collaborations, and to support initiatives that benefit the region, thereby also enhancing the Township. This plan is created from a spirit of collaboration and cooperation. Regional perspectives are incorporated into various goals, objectives, and strategies.

Michigamme Township started a community revitalization process in 2010 with a Town Plan and downtown revitalization strategy. This process has resulted in positive steps forward to implement the plan, and further resulted in a recent grant award for downtown sidewalks, streetscape and gateway enhancements. It is expected the Master Plan and Recreation Plan will have similar results in the future.

#### *USE OF THE PLAN*

This Plan is prepared under authority of the Michigan Planning Enabling Act, P.A. 33 of 2008, as amended. It provides the basis for zoning under the Michigan Zoning Enabling Act, P.A. 110 of 2006,

# Michigamme Master Plan

## Michigamme Township, Michigan

as amended. The plan also provides a basis for subdivision regulations, local land use regulations, and the capital improvements program, ensuring consistency with expressed community goals and policies. This plan is designed to be consistent with other regional plans, thereby setting the stage for regional collaboration.

The Master Plan also serves as the Recreation Plan that will qualify the Township for future recreation grants funding.

The Michigamme Township Master Plan provides advisory guidelines for development based on public vision, interests, and intentions. This allows private sector landowners and developers to make decisions that are consistent with public goals. It provides a rational, foresighted, and comprehensive foundation for Township strategy.



### LOCATION AND TRANSPORTATION LINKS

Michigamme Township is located on the western border of Marquette County in the Central Upper Peninsula of Michigan. According to the United States Census Bureau, the Township has a total area of 141.8 square miles of which, 133.7 square miles of it is land and 8.1 square miles of it is water. It borders Spurr and L'Anse Townships to the west, Powell to the north, Champion to the east, and Republic to the south.

The Town of Michigamme community represents the most significant populations concentration in Michigamme Township. The downtown and most of the village is situated on the south side of U.S. Highway 41/M-28 on the shores of Lake Michigamme area. Several plats are being developed around Lake Michigamme for year around and seasonal residence. A location map included with this



...where nature's beauty abounds!

# Michigamme Master Plan

## Michigamme Township, Michigan

report shows the regional context for the Michigamme area.

The Township geographic location is fairly remote from other large urban areas of Michigan, Wisconsin, or Minnesota. Travel times include a little over an hour to Houghton, MI; a little under an hour to Marquette, MI; four hours to Duluth, MN; about eight hours to Detroit, MI; seven hours to Lansing, MI; and three hours to Green Bay, WI. Major travel routes include United States Highway 41, which runs east to Marquette or west turning north to Houghton. Michigan Highway 95 traveling south intersecting with United States Highway 2 or continuing on as United States Highway 141 south to Green Bay.

### COMMUNITY INTRODUCTION

Located in Michigamme Township is Lake Michigamme. It is one of Michigan's largest lakes covering 4,292 acres or 6.706 square miles, and running depths of over 70 feet, the very deepest point being 72 feet. It's elevation above mean sea level is 1,550 feet. The majority of the Lake is located in Marquette County with its western most part in Baraga County. The main inflow water source is the Peshekee River coming from the north east. Another is the Spurr River, found on the west end. A dam separates the Lake from Michigamme River on the southern arm of the water body. Many islands and rockbeds are in the Lake. Fish species include Smallmouth Bass, Northern Pike, Walleye, Rock Bass and Whitefish.



Lake Michigamme

The Lake is a site for many types of outdoor recreation including swimming, boating, fishing and camping. There are resorts, church-related camps and campgrounds on the lake, as well as public boat launches.

The town of Michigamme sits on the northwestern shoreline. A museum, post office, township hall, library, art gallery, retail stores, restaurants, self-storage, and single and multi-family residential areas exist here. The area has lots of natural beauty and local charm.

# Michigamme Master Plan

## Michigamme Township, Michigan

McCormick Tract Wilderness Area includes 16,850 acres, or about 27 square miles of forested land. It has 18 small scattered lakes, and expands into Champion Township and Baraga County. It is part of the Ottawa National Forest.

As of 2006, the Ottawa National Forest operates under a Resource Management Plan promulgated in 1986. The area contains the 3,675 acre McCormick Research Natural Area designated in 1971, and the Yellow Dog National Wild and Scenic River. It holds Bentley Trail, an historic trail system developed by Mr. Bentley which begins at White Deer Lake Settlement and continues on to end at his home on Lake Superior in the Huron Mountain Club (34 miles to the northeast). The trails were made between 1904 and 1920 and are overgrown. It is also the site of McCormick Grand camps, and many geographical interests including headwaters of the Dead River, Huron River, Peshekee River and Yellow Dog Rivers as well as many cliffs and waterfalls.

Van Riper State Park also shares Champion and Michigamme Townships, and comprises 1,044 acres. There is 1/2 mile of frontage on Lake Michigamme and 1 1/2 miles of frontage along the Peshekee River. The park has a nice sandy beach on the Lake with concessions, a playground, picnic area, cabins, modern campsites, rustic campsites and a boat launch. Many outdoor activities include hunting, fishing, biking, swimming, Michigan State park explorer program, watchable wildlife (maybe even a moose!), cross-country skiing, snowmobiling and metal detecting.

Another area of interest is the Lundin Eagle Mine located in the northern part of the Township. It is Michigan's first new mine in decades. Operations are expected to begin in 2014 and last eight years. The main elements extracted will be Copper (295 million pounds expected) and Nickel (360 million pounds expected), with by-products of Cobalt, Platinum, Palladium and Gold.

The North Country National Scenic Trail crosses seven northern states. It begins in New York and ends in North Dakota. The Trail passes through three National Parks, nine National Forests, and one National Grassland. This trail traverses primarily east and west through the northern part of the Township.

There are a few rural roads in the northern part of the Township.



# Michigamme Master Plan Michigamme Township, Michigan



## A BRIEF HISTORY OF THE AREA

Michigamme was founded in the early 1870's by lumbering and mining operations. Jacob Houghton, Esq. discovered Michigamme mine in 1872. Much of the town's early growth was dependent upon the iron-ore mine. The first building was log and was a shelter for the mining engineers on the lakeshore. The town was laid out by the Michigamme Mining Company in the fall of 1872. The saw mill of Messrs. F.W. Reed & Co. was erected and the town built up very fast that winter and spring.



# Michigamme Master Plan

## Michigamme Township, Michigan

The town was incorporated as a village in 1873. On June 19, 1873 a severe forest fire swept the town leaving one business house and two or three dwelling units. The town was rapidly rebuilt with nearly all of the buildings being replaced by September. The mining activity was subject to several “boom and bust” cycles. The Imperial Mine in neighboring Spurr Township in Baraga County also played a role in the development of Michigamme.

The major mines have long been abandoned, with the last nearby mine located in Baraga County, closing in the late 1950's.

The Dompierre House is a duplex that was built in the 1880's by the Michigamme Mining Company and is one of 3 log houses left that were thought to house miners until they could afford to bring their families to the area. It was later purchased by Eusebe Dompierre for \$200. The house was moved from its original site near Shasta Bay to the museum complex in the Town of Michigamme on September 29, 2001.



Lumbering activities have historically been important and the forest product industry continues to be a part of Michigamme's economy. From about 1840 to 1900, most of the Michigan forests were cut down for farms and to produce lumber for buildings, ships, and mines. Michigan was the nation's leading lumber producer between 1869 and 1900. The glacier-scoured hills of McCormick Tract Wilderness are covered with a mixture of northern hardwood and lowland conifer forests that reclaimed the land after the logging era of the early 1900's. The trees in the area have been undisturbed for at least 70 years. There are still a few small patches of towering, white pine, scattered among rock outcrops, lakes and streams. They are small glimpses of how these woods looked before European settlement.



## Michigamme Master Plan Michigamme Township, Michigan

Cyrus McCormick purchased 151.75 acres of the tract in September of 1904 and continued purchasing land over the next 16 years to accumulate a total of 2,933 acres. Trails, boardwalks, a 1900 foot dredging project creating a channel connecting Fortress Lake and Bulldog Lake, and Mr. Bentley's cabin were built over the years. The land was passed down to a son, Gordon McCormick, who willed the land to the USDA in 1967 upon his passing.

In the year of 1900, the township purchased a 1900 American Metropolitan steam fire engine made by the American Fire Engine Company of Cincinnati, Ohio. The Michigamme Volunteer Fire Department used the steamer into the mid 1950s. In the late 1920s, the horses were retired and the steamer was pulled behind a 1928 Ford Model AA pickup, and then behind a 1942 Peter Pirsch and Sons pumper fire truck.



The first Moose Drop took place in Michigamme in 1985. During a 10 day period, 19 cows and 10 bull moose were captured from Algonquin Provincial Park in Ontario, Canada, and released just north of Michigamme on the Peshekee Grade. During the "Moose Lift II" 15 cows and 15 bulls were again relocated in 1987.

# Michigamme Master Plan

## Michigamme Township, Michigan

### CHAPTER 2 - COMMUNITY PROFILE

#### DEMOGRAPHICS

##### POPULATION

Any plan must be based on an understanding of the people in the community. Population analysis and projections are basic plan elements that impact future land use decisions relating to growth or shrinkage of demand for new development, community facilities and services.

The 2010 Census estimates indicate that 40 Michigan counties lost between 0.1% and 13.3% of their population since the 2000 census. The only counties that grew or stayed the same in the Upper Peninsula were Marquette, Baraga and Houghton County.

The population growth in Marquette County can most likely be attributed to a number of things including jobs offered by some of the County's biggest employers including Marquette General Hospital, Cliffs Michigan Mining Company and Northern Michigan University. However, the Township's population declined by 28 people between 2000 and 2010.

### HIGHLIGHTS

#### Demographics

- From 2000 to 2010, the population of the Township decreased by 28, but the County of Marquette increased by 2,443.
- The population growth could be due to the County's largest employers: Marquette General Hospital LifePoint, Cliffs Mining Company, and Northern Michigan University.
- The 2010 Census reported the median family income to be \$29,917.
- The highest percentage (approximately 38%) of people in the Township are between the ages of 50 and 60 years old.

#### POPULATION CHANGE

Area	2000 Census	2010 Census	Change 2000 - 2010	
			No.	%
Michigamme Township	377	349	-28	-7.4%
Marquette County	64,634	67,077	2,443	4.0%
Michigan	9,938,444	9,883,640	-54,804	-0.5%
Source: US Census Bureau				



# Michigamme Master Plan

## Michigamme Township, Michigan

### INCOME AND POVERTY

Median household income is the dollar amount that divides the income distribution into two equal groups—half with income above the median and half with income below the median. It provides one measure of the ability of Michigamme Township households to meet the costs of food, clothing, housing, health care, transportation, childcare, and higher education. The 2010 Census reported the median income for a family was \$29,917.

### AGE DISTRIBUTION

Information on age distribution within a population can assist a community in matching public services to community characteristics and in determining special needs of certain age groups. Analysis of age distribution may also be used by policy makers to identify current gaps in services and to project future service needs for housing, education, recreation and medical care.

Age distribution comparisons for the Michigamme Township and County are presented in Table 2. In general, Michigamme Township has the highest percentages (approximately 38 percent) of people between the ages of 50 and 60 years and approximately 24 percent over 65 years old.

Age Group	Michigamme Twp		Marquette County	
	Number	Percent	Number	Percent
Under 5 years	9	2.6	3,491	5.2
5 to 9 years	10	2.9	3,293	4.9
10 to 14 years	16	4.6	3,472	5.2
15 to 19 years	17	4.9	5,140	7.7
20 to 24 years	8	2.3	7,026	10.5
25 to 29 years	9	2.6	4,328	6.5
30 to 34 years	13	3.7	3,789	5.6
35 to 39 years	15	4.3	3,480	5.2
40 to 44 years	12	3.4	3,811	5.7
45 to 49 years	22	6.3	4,637	6.9
50 to 54 years	46	13.2	5,194	7.7
55 to 59 years	45	12.9	5,333	8
60 to 64 years	42	12	4,256	6.3
65 to 69 years	32	9.2	2,893	4.3
70 to 74 years	23	6.6	2,269	3.4
75 to 79 years	20	5.7	1,759	2.6
80 to 84 years	6	1.7	1,447	2.2
85 years and over	4	1.1	1,459	2.2
<b>Total</b>	<b>349</b>	<b>100</b>	<b>67,077</b>	<b>100</b>
<b>Median Age</b>	<b>54.7 Years</b>		<b>39.4 Years</b>	
2000 Median Age	51.4 Years		37.5 Years	

Table: Age Distribution



# Michigamme Master Plan

## Michigamme Township, Michigan

### POPULATION DENSITY

According to the 2010 Census, Michigamme Township averages 2.6 people per square mile. There are 271 residents in the Village of Michigamme and 78 in the "remainder" areas. This low number of residents is due to the remote location of the Township in relation to the larger cities of Marquette and Houghton/Hancock.

### RACE

Another important characteristic of a community is its racial make-up. Knowing the racial make-up of a community helps to identify the diverse needs of its population.

Michigamme Township is almost exclusively white. The 2010 Census reported 97.3% White, 2.29% are Two or more Races, and 0.57% American Indian or Alaskan Native.

### HOUSEHOLDS

Since the 1970's, a nationwide trend has been a decline in household size. There are many reasons for this trend including higher divorce rates, families having fewer children, and elderly living alone. According to the 2000 Census, Michigamme Township's average household size was 2.09 and the average family size was 2.43.

### HOUSING

Shelter is a primary need of every community. Meeting the housing needs of residents in different stages of life and circumstances can help to revitalize communities and retain residents. One way to do this is by supporting mixed-use neighborhoods, which combine residential and commercial uses in an effort to promote walking and a sense of community. This allows greater independence for those who either do not have the opportunity or prefer not to depend on the automobile as their primary mode of transportation.

The 2010 Census indicated there were 543 housing units and 163 households in Michigamme Township. This is 17 households less than the 2000 census reported. This may indicate that people are finding it necessary to either sell their home and rent or move out of the area and also coincides with population decline.

### EMPLOYMENT

Among the most common occupations in Michigamme are Sales and office occupations, 24%; Management, professional, and related occupations, 21%; and Production, transportation, and material moving occupations, 19%. Approximately 69 percent of workers in Michigamme, Michigan work for companies, 22 percent work for the government and 3 percent are self-employed.



# Michigamme Master Plan

## Michigamme Township, Michigan

The leading industries in Michigamme, Michigan are Agriculture, forestry, fishing and hunting, and mining, 19%; Manufacturing, 16%; and Public administration, 12%.



MEAD Paper historical site

### TOURISM

United States Census data only tells part of the story for Michigamme Township. Although the year-round population is only 349 people, the population of the area explodes in the summer months. It is estimated the population for the village area and the surrounding lake shore grows to about 3,500 people. In addition to seasonal residents, the area also sees a number of tourists into the State Park and resorts in the area.

This summer Marquette County has seen a record number of hotel rooms sold. Many of these tourists spend their time in the areas where they are staying. Michigamme could market themselves as a destination and draw people from the hotels on the eastern end of the County.



From left:  
Serene Lake  
Michigamme,  
Summer sun-  
bathing, Winter  
ice fishing

# Michigamme Master Plan

## Michigamme Township, Michigan

### CHAPTER 3 - NATURAL RESOURCES

#### INTRODUCTION

The natural environment plays a major role and can significantly hinder land development, such as a steep slope prohibiting the construction of any structure. On the contrary, the natural environment can be impacted by land development. An example would be the increased water runoff and erosion potential caused by clearing vegetation. Thus, when preparing a Master Plan, it is important to examine the natural environment in order to determine where development is best suited, and where it should be discouraged.

In any environmentally sensitive area within a community, development should be prevented. Environmentally sensitive areas are lands whose destruction or disturbance will affect the life of a community by either:

- Creating hazards such as flooding or slope erosion.
- Negatively affecting important public resources such as groundwater supplies and surface water bodies.
- Wasting productive lands and non-renewable resources.

Each of these effects is detrimental to the general welfare of a community, resulting in social and economic loss.

This chapter has two main goals. First, to identify areas in the Township that is best suited for development. The focus is on areas that will minimize development costs and provide amenities without adversely impacting the existing natural systems. The second, to identify land that should be conserved in its natural state and is most suitable for conservation, open space or recreation purposes. Climate, geology, topography, woodlands, soil conditions, water resources, and fish and wildlife resources are among the most important natural features impacting land use in Michigamme Township.

#### HIGHLIGHTS

##### *Natural Resources*

- *The average January temperature is 1 degree Fahrenheit, and the average July temperature is 79 degrees Fahrenheit.*
- *The Township's numerous lakes and rivers provide many opportunities for recreation and are a major tourist attraction.*
- *Forestlands cover much of the Township providing recreational opportunities of all types and attracting year-round tourists.*
- *Due to the abundance of forested land and water, the Township provides habitat for many species of wildlife.*
- *There is an opportunity for Wind Energy in the Township.*



# Michigamme Master Plan

## Michigamme Township, Michigan

### CLIMATE

According to the National Climatic Data Center, the average January temperature is 1 degree Fahrenheit, and the average July temperature is 79 degrees Fahrenheit. Average annual precipitation is 33 inches, and average annual snowfall is 130 inches.

### TOPOGRAPHY

The Township contains many hills and rock outcroppings, as well as several lakes including the very large Lake Michigamme. The average elevation is 1,801 ft.



Topography looking east on M-41

### FORESTLANDS

The forests of Michigamme Township and the surrounding area have matured again since the early mining and logging days denuded the landscape. The forests consist mostly of a mixture of northern hardwood, White Pines and lowland conifers that provide continued opportunities in forestry management and production. The forests are also an important part of the culture of the Township, providing many options for outdoor recreation such as hunting, hiking, fishing, camping, snowshoeing, skiing, canoeing/kayaking, biking, running, scenic viewing, and wildlife and nature experiences. A sliver of the Ottawa National Forest rests in the Northern part of the Township and contains the McCormick Wildernes which is managed as such by the Forest Service.



# Michigamme Master Plan

## Michigamme Township, Michigan

### WETLANDS

Wetlands are often referred to as marshes, swamps or bogs. The US Army Corps of Engineers defines wetlands as “those areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.”

Residents of Michigan are becoming 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 or recharge aquifers. Additionally, wetlands support wildlife, and wetland vegetation protects shorelines from erosion.

According to the Department of Environmental Quality Wetlands map, there are designated wetlands in the northern part of the township going as far south as the central part of the McCormick Tract Wilderness called “Mulligan Swamp”. Smaller pockets of wetlands exist throughout the Township.

### SOILS

Soil composition analysis is used in land use planning to predict soil behavior for selected land uses. Depending on the planned use of the land, improvements may be needed to overcome soil limitations. This information is useful to community officials, engineers, developers and homebuyers. According to the United States Natural Resources Conservation Service, most of the soils within the township are Soils and Miscellaneous on Bedrock-Controlled Moraines. The soils surrounding Lake Michigamme are Soils on Disintegration Moraines. The soils in the northern part of the township are a combination of Soils on Till-Floored Lake Plains and Dissected Moraines; and Soils on Outwash Plains, Terraces, and Beach Ridges. The majority is gneiss and granite with some quartzite in the northern part of the township and around the Lake Michigamme\_area. There is a small amount of Iron formation around the Lake area as well.

### WATER RESOURCES

Both human and natural ecological systems depend upon water. Perhaps the most valuable natural resource of Michigamme Township is the abundance of fresh water. Having been of historic importance, it is also the resource that will, to a great extent, determine the future of the area. Thus, the management of water becomes a prime factor in planned development. The principal reasons for controlling development on or near water are to protect watersheds to preserve the quality and quantity of the water supply, and to prevent damaging floods.

Michigamme Township contains a lot of shoreline on Lake Michigamme, as well as the many other small lakes in the Township. The shoreline is a major attraction for local residents and tourists, and



# Michigamme Master Plan

## Michigamme Township, Michigan

helps to form the overall character and attractiveness of the community. Lake Michigamme is one of the most important environmental features in the Township given its overall impact on the Township's history, economy, development, and character. There are two larger rivers that connect water bodies within the County of Marquette. The Peshekee River is a 31 mile long river that runs south into Lake Michigamme. The Yellow-Dog River's main branch begins at the outflow from Bulldog Lake in the Ottawa National Forest on the boundary between Baraga and Marquette counties. The river's mouth is on Lake Independence, near Big Bay, Michigan, and is part of the Lake Superior watershed. It is about 32 miles in length with nearly 85 miles of tributaries.



From left:  
Peshekee River,  
Michigamme  
Township Park

### FISH AND WILDLIFE RESOURCES

The Michigan DNR maintains a natural features inventory (MNFI) listing plant and animal resources that are endangered, threatened, or of special concern. The lists include all elements (species and natural communities) for which locations have been recorded in the database for each county. Information from the database cannot provide a definitive statement on the presence, absence or condition of the natural features in any given locality, since much of the state has not been specifically or thoroughly surveyed for their occurrence and the conditions at previously surveyed sites are constantly changing. The County Elements Lists should be used as a reference of which natural features currently or historically were recorded in the county and should be considered when developing land use plans.

Endangered fish species include the Redside Dace which is a small minnow. Threatened animal species include the Red-shouldered Hawk, Common Loon, Lake Herring or Cisco Fish, and Delicate Vertigo. Animal species of special concern include the Bald Eagle, Northern Goshawk, Osprey, Wood Turtle, Snails, the Crested Vertigo and Mystery Vertigo. Insects include the Extra-striped Snaketail, Splendid Clubtail, and Rapids Clubtail.

Endangered plants include the Small Yellow Pond Lily. Threatened plant species include the Goblin Moonwort, Calypso or Fairy-Slipper, Assiniboia Sedge, Large Toothwort, Woodland Everlasting, Hedge-Hyssop, Farwell's Water Milfoil, Ginseng, Sweet Coltsfoot, Seaside Crowfoot, Prairie Buttercup, and New England Violet. Special plant species of concern include the Purple Clematis, Male Fern, Fragrant Cliff Wood Fern, Fir Club Moss, and American Shore-Grass.

# Michigamme Master Plan

## Michigamme Township, Michigan

There is significant interest in game birds and fish in Marquette County, such as Ruffed Grouse and Trout. Others are also interested in song birds such as the endangered Kirtland's Warbler. Each species requires different variations of the four basic habitat components which are food, water, cover, and space. It is important to determine what species are likely to frequent the existing habitat and then determine the specific habitat needs of those species. It is also important to keep in mind that for every management decision implemented, some species will be benefitted and others will be negatively impacted. There are always tradeoffs involved. Michigan provides a landowner's guide for species management and more information is available from the local conservation district.



Clockwise from top left: Lake Herring (or Cisco Fish), Common Loon, Splendid Clubtail, Wood Turtle

# Michigamme Master Plan

## Michigamme Township, Michigan

### WIND ENERGY POTENTIAL

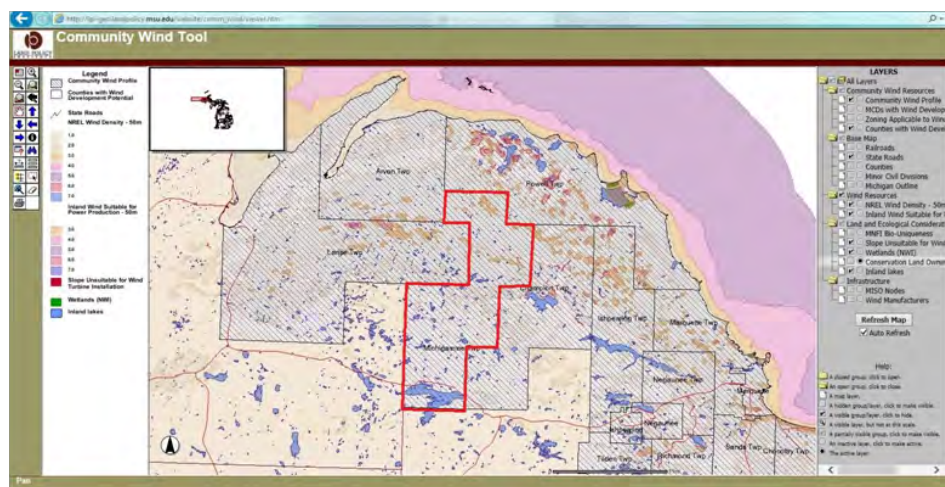
The Land Policy Institute at Michigan State University has developed a Wind Prospecting Tool to determine wind generating capacity. In addition to good wind resources, communities need to understand what wind companies need for optimal development opportunity. This is a very capital intensive industry, so it stands to reason that the projects with the most potential and fewest obstacles will be completed first. In addition to good wind resources, geophysical factors, land/economic factors, environmental concerns, and local policy impact a location decision. For example, communities need zoning enabling legislation and incentives to stand out from the competition and reduce transaction costs. The study relates mostly to utility scale wind development, and utilizes a 50m wind density map developed by the National Renewable Energy Lab (USDOE). Locations were scored based on wind speed, agricultural land contiguity and area, forest land contiguity and area, per acre value of agricultural land, population density, and population density change.

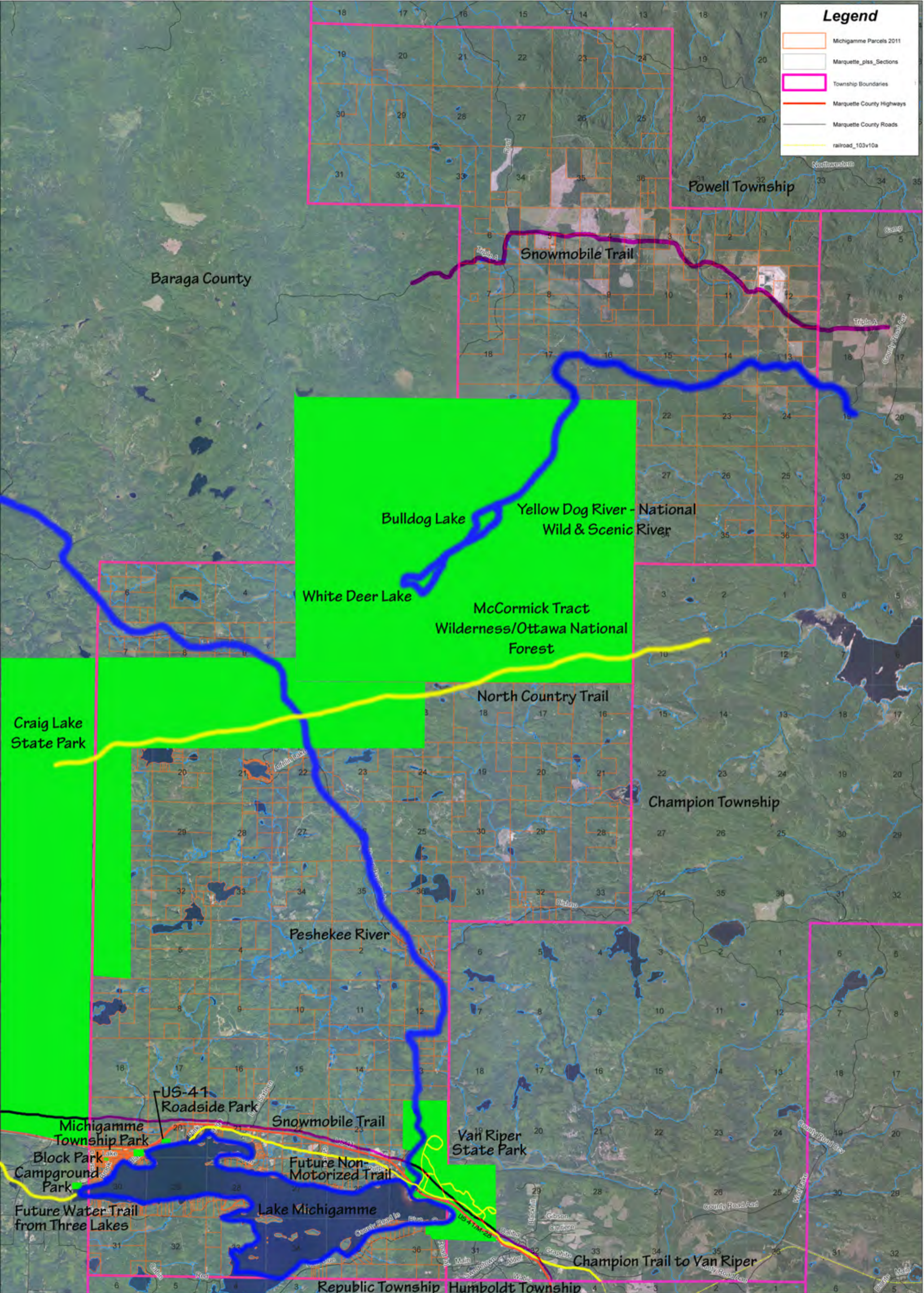
Parts of Michigamme Township show areas of land with suitable wind density at 50m. While not as good as agricultural land due to siting concerns, these forests do offer suitable quantities of land.

In communities with lower population densities, there is less chance of concern with issues such as viewshed impingement, ice throw, flicker fusion, and bird strikes.

Wind score areas of class three or better wind are considered to be the threshold for utility scale wind development. Areas having greater area with this class of wind score higher.

It is recommended that Michigamme Township update their zoning ordinances to permit wind energy infrastructure in both large and small scale systems in order to be prepared for funding and investment opportunities.





## Michigamme Township Master Plan Natural Features Map

# Michigamme Master Plan

## Michigamme Township, Michigan

### CHAPTER 4 - EXISTING LAND USE

#### INTRODUCTION

Michigamme Township represents a mostly rural landscape with the village of Michigamme as the only developed area along US-41/State Hwy 28 which connects the City of Marquette to other western parts of the Upper Peninsula. Most activity is located in the southern part of the Township, including the townsite, highway and Lake Michigamme with its many recreation opportunities.

The remainder of the Township is natural environment including forests, lakes, rivers and wet-

lands. A large percentage of the Township consists of a mixture of northern hardwood, White Pines and lowland conifers that provide continued opportunities in forestry management and production.

The original land use pattern in Michigamme Township was tree covered which led to logging, and then development as a result of the mining industry. In the early days, the mining companies built mixed-use, self-sustaining communities close to the individual mining locations because workers needed to be within walking distance or along a transportation system. The result in this instance was the development of the Michigamme townsite.

Development is also occurring along the Lake Michigamme waterfront and along the highway corridors since modern communities are oriented to the automobile. Improvement of a few existing rural roads in the northern part of the Township are enabling further development of the Eagle Mine.

#### HIGHLIGHTS

##### *Existing Land Use*

- *Michigamme Township is a mostly rural landscape with the Village of Michigamme being the only developed area.*
- *Forestry management and production is a large land use in the Township.*
- *The Lundin Eagle Mine (to begin 2014) is in the northern part of the Township.*
- *Recreation is a major land use. Lake Michigamme, McCormick Wilderness and the Ottawa National Forest, Van Riper State Park, Craig Lake State Park, and many inland lakes and rivers contribute to this land use.*



Rural road in the Township

# Michigamme Master Plan

## Michigamme Township, Michigan

Land use is impacted by transportation, the natural environment, economic base, conservation and preservation, land ownership, and the public interest. Local government action at all levels (federal, state, county, and local) plays an important role in land use through regulation and public investment. Public investment in schools, parks, roads, water and sewer extensions, etc. all provide opportunity for development and will often determine what type of development will occur. Finally, through legislative authority, communities regulate land use through zoning laws and choice of building and sanitation codes. This establishes parameters within which development can occur. It is important that future land use decisions be realistic in light of the ability of local governments to provide essential public services in a fiscally responsible manner.



Michigamme Library - An example of an adaptive reuse for a public building

### *MICHIGAMME TOWNSHIP CURRENT LAND USE*

Current land use in the Township of Michigamme includes the following:

- Mining – Eagle Mine (2014)
- Logging – Longyear Peshekee Wood Yard
- Mixed Use – located along US-41 and in the Village of Michigamme
- Commercial – located along US-41 and in the Village of Michigamme
- Multi-Family Residential – located in the Village of Michigamme
- Single Family Residential – located in the Village of Michigamme and rural areas of the Township
- Recreational – located in and around Lake Michigamme, throughout Township north of US-41

All other areas of the Township are local parks, State parks, McCormick Tract Wilderness, the Ottawa National Forest, or forestry and much is used as commercial forest reserve lands.



*...where nature's beauty abounds!*

# Michigamme Master Plan

## Michigamme Township, Michigan



### VILLAGE OF MICHIGAMME LAND USE

The downtown district includes the following more specific land uses:

- Art gallery
- Contractor
- Two Restaurants
- Self-storage Facility
- Retail stores
- Museum
- Township Hall (governmental facilities)
- Post Office
- Multi-Family Residential
- Single Family Residential

### DOWNTOWN ANALYSIS

An objective evaluation of the business district was conducted to identify downtown's physical issues.

#### Downtown Appearance

The village has a compact, development pattern. The physical location on the shore of Lake Michigamme creates a striking setting for the village and downtown. Although there is a park along the Lake, the community really hasn't taken advantage of this location. This location also has the potential to draw tourists off the water from Van Riper State Park. There is not a central gathering place or town square with the exception of the Township Hall.



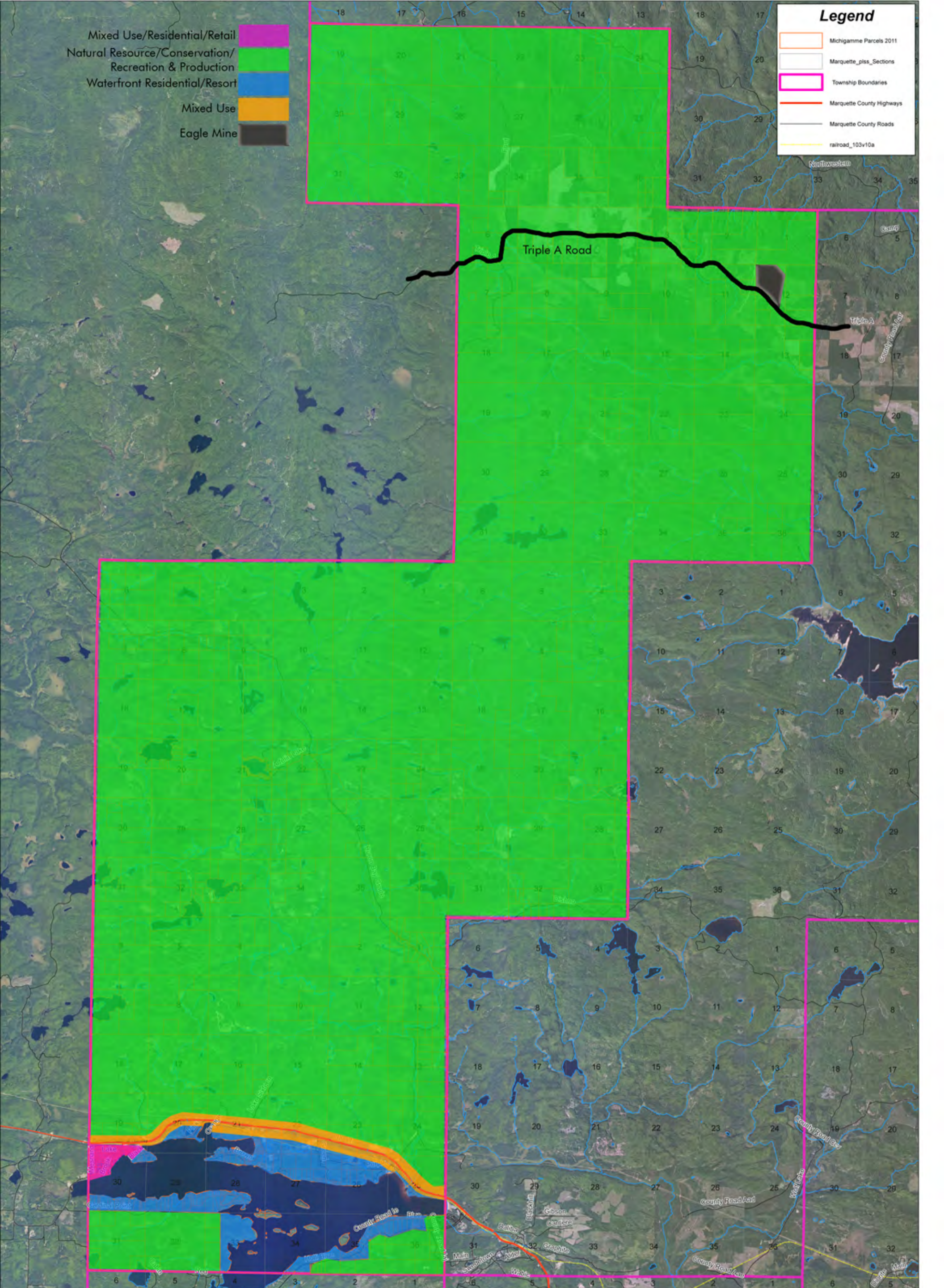
# Michigamme Master Plan Michigamme Township, Michigan



In the last decade many business owners have converted residential homes into specialty businesses. Converting older homes in the downtown area is encouraged, however, these conversions can be difficult to accomplish with current Marquette County building code. Some older commercial buildings have become vacant and fallen into disrepair. Shoppers have greater choices and opportunities than ever to spend money within the region and in the global Internet marketplace. Downtown must appeal to today's shoppers whether they are local persons or tourists.

On the positive side, the downtown is very compact with narrow streets. The narrow streets slow traffic and create a human scale appealing to shoppers and tourists. The downtown has a great sense of place and a nice, small town feel to it. Most important is the potential of Michigamme Township to fully utilize the potential of Lake Michigamme.





- Mixed Use/Residential/Retail
- Natural Resource/Conservation/Recreation & Production
- Waterfront Residential/Resort
- Mixed Use
- Eagle Mine

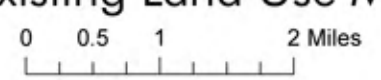
**Legend**

- Michigan Parcels 2011
- Marquette\_piss\_Sections
- Township Boundaries
- Marquette County Highways
- Marquette County Roads
- railroad\_103v10a

# Michigamme Township Master Plan Existing Land Use Map

April 2014

1:44,000



Source: MCSSTP Data Library, SSURGO, UPEA GIS. Prepared by: RRC  
File: Portage Township Master Plan

# Michigamme Master Plan

## Michigamme Township, Michigan

### CHAPTER 5 - COMMUNITY SERVICES AND FACILITIES

#### INTRODUCTION

Transportation infrastructure serves to tie a community together and link it to the rest of the outside world. Transportation systems include roads, bridges, aviation, rail, public transit, and non-motorized systems. Together, these networks create economic opportunity and provide access to markets, goods, and services not found in the community. The quality of these assets reflects and impacts community health and vitality.

#### TRANSPORTATION

Circulation, utility, and communication infrastructure serves to tie a community together and link it to the rest of the outside world. Local streets and pedestrian networks should provide safe, reliable access to work, shopping, recreation, and residences. Regional transportation and communication networks create economic opportunity and provide access to markets, goods, and services not found in the community. The quality of these assets reflects and impacts community health and vitality.

#### ROADWAY NETWORK

The principle transportation mode in the Township is vehicular transportation served by the roadway network. Roads have both functional and aesthetic value. As the preferred transportation mode, roads create a path of the first impression for the public space of a community.

Functionally, roads serve two basic purposes, the movement of traffic (mobility) and provision of access to adjoining property. The design of a road depends principally on its functional classification and the traffic volume it is expected to accommodate at some future time.

Each of the roads within the Township has a specific traffic capacity, design standard, and design use depending on its primary function. By defining the function of roads and their service to the community, the appropriate land uses can be encouraged adjacent to these roads. Different design elements of roads include the number of lanes, width and surfacing of shoulders, width of structures, type of

### HIGHLIGHTS

#### *Community Services and Facilities*

- *Volunteers run Michigamme and Spurr Township's combined top-notch fire department and 1st Responder Team.*
- *The Village of Michigamme is located just south of major US Highway 41, which runs east/west through the Township.*
- *Significant snowfall in the Township creates challenges for maintaining roads/walkways in winter.*
- *Marquette County Road Commission partners with the Township to maintain the roads.*
- *The Marquette County Sheriff's Department and The Michigan State Police provide police protection.*



# Michigamme Master Plan

## Michigamme Township, Michigan

surface, and design speed. Land uses and roadway function is closely connected.

Roadway capacity and design influences future development. More intensive development usually occurs along higher capacity roadways that provide convenient access to the largest market.

It is important to employ access management principles to preserve proper road function and the value of public investment along major roads. The road network in the Township is described in detail below.

### ROAD MAINTENANCE

The County Local System Roads are mainly local township roads. The Marquette County Road Commission maintains these roads in partnership with the township. State funding allows cities to get state funding for their streets and townships have to pay for their road maintenance with tax dollars.

### ACCESS MANAGEMENT

U.S. Highway 41/State Route M-28 is the only major road traveling through Michigamme Township. This roadway serves two primary purposes. The first is to move vehicles safely at design speeds traveling throughout the region or the country; the second is to link communities along the route. However, the highway also provides access to adjacent land uses within the community. In order to create a safe and effective corridor within the Township, access management principles should be implemented before major problems arise in relation to new development.

According to the Michigan Access Management Guidebook, "access management is a set of proven techniques that can help reduce traffic congestion, preserve the flow of traffic, improve traffic safety, prevent crashes, preserve existing road capacity, and protect investment in roads by managing the location, design, and type of access to property." Stated another way, access management is the improved control of the location, spacing, design, and operation of driveways and intersections resulting in freer flowing conditions and less conflicts. Access management principles attempt to reduce access points along a corridor, while still accounting for the needs of the current and future land uses as well as the needs of all users (motorists, pedestrians, and bicyclists).

Access management improves safety by reducing conflict points. Conflicts are causes when cars slow to turn (increasing risk of rear end crashes), or merge in traffic (causing angle crashes), or cross the path of oncoming traffic. The five generally accepted benefits of access management include:

1. Improve traffic safety and prevent crashes
2. Shorten travel time and reduce motorists costs
3. Extend the function and capacity of roadways
4. Improve access to property while enhancing the value of private property
5. Results in nicer communities with a calmer traffic environment, more green space, an opportunity for streetscapes and non-motorized transportation modes



# Michigamme Master Plan

## Michigamme Township, Michigan

There are 15 key access management principles outlined in the Michigan Access Management Guidebook. They are:

1. "Reasonable access" to property abutting a state highway or county road is protected by state law. "Direct access" is not mandated if other access options are available.
2. Proper application of access management techniques assure businesses and drivers of safe and convenient access and taxpayers of more cost-effective use of their money spent on roads.
3. The more important the roadway (the higher its functional classification) the higher the degree of access management that should be applied so that the road continues to perform according to the function it was designed to serve.
4. Interconnections between adjacent sites and between new subdivisions and the existing street system are important in maintaining safe and efficient traffic flow.
5. Limit the number of driveways and other conflict points.
6. Separate driveways and other conflict points.
7. Improve driveway operation by fitting the best design to the need.
8. Remove turning vehicles from through traffic lanes.
9. Reduce conflicting traffic volumes.
10. Improve roadway operations on arterials by achieving the proper balance between traffic flow and access to abutting property.
11. Lay the foundation for correcting existing access management problems and preventing future ones in the local comprehensive plan and/or an access or corridor management plan.
12. To optimize the benefits of access management plans, design techniques, and the elements of local access management regulations.
13. To optimize the benefits of access management, multi-jurisdictional coordination with all appropriate transportation agencies is essential when applying access management standards on lot split, subdivision, site plan, and other zoning reviews.
14. Educate the public about the benefits of access management and involve them in the development of access management plans and implementation activities.
15. Many access management techniques are best implemented through zoning and other through local lot split, subdivision, condominium and private road regulations.

A collaboration exists among jurisdictions in Marquette County and MDOT to adopt consistent access management principles and ordinances and to provide consistent review of projects in relation to access management standards.

Regulations that promote a connected street system also result in fewer vehicle miles traveled; decreased congestion; improved accessibility of developed areas; improved facilitation of walking, bicycling, and use of transit; reduced demand on major thoroughfares; more environmentally sensitive layout of streets and lots; safer school bus routes; and interconnected neighborhoods that foster a greater sense of community. These goals are supported in this master plan.



# Michigamme Master Plan

## Michigamme Township, Michigan

U.S. Highway 41/Michigan Highway M-28 passes just to the north of downtown and Lake Michigamme. Residents and tourists can access the village from the highway using Max Street or West Railroad Street.

### Area Traffic Counts

- 3,000 ADT through Michigamme on U.S. 41/M-28
- 477 ADT at the East entrance to the village on County Road 488/Max Street
- 321 ADT at the West entrance to the village on County Road 488/Railroad Street
- 283 ADT near the intersection of County Road 611/Main Street and Mesnard Street

### STREETS & SIDEWALKS

Downtown streets and sidewalks are narrow. While there are some benefits to a wide street with plenty of room for traffic and parking, a narrow street with human scale, like Main Street, has some advantages. Too much street width influences traffic movement, increases traffic speed, and can be difficult for pedestrians to cross. Finally, wide streets require more snow removal effort.

Sidewalks throughout the community are in need of repair. There are also many connections that can be made through out the village. The downtown has many trees and vegetation; however, many of the vacant properties have also become over grown.

Good snow management practices in the downtown by the Marquette County Road Commission are important to retain and attract businesses.



Main Street looking east

# Michigamme Master Plan

## Michigamme Township, Michigan

### RAILROADS

In the past, railroad systems were an important transportation system in Marquette County and throughout the Upper Peninsula. Today, the Canadian National (CN) operates an active rail line through Michigamme Township.

Currently, railroad transportation in the County provides for the bulk transfer of iron ore from the Tilden and Empire mines to the Presque Isle loading dock, the transfer of lumber products to and from Sawyer Lumber, the transfer of old railroad ties to the Warden Bio-Mass Power Plant in L'anse and hauling propane. It will also be used in future mining throughout the County.

The Michigan Department of Natural Resources, under state trail legislation, is coordinating the formal designation of abandoned railroad tracks as a continuing initiative for the development of interconnected trail systems throughout the state.



### TRUCKING

The railroad separates US-41 from the Village of Michigamme

The shipment of raw material by trucks has become more common with the decline of the rail system. Currently the county has three trucking firms. Lundin Mining plans to truck ore from its Eagle Mine in Michigamme Township to the Humboldt Mill for milling before putting the concentrate produced on rail cars headed to Canada for further processing.

On Thursdays the Marq-Tran bus has a regular weekly shopping route for Michigamme Residents.



...where nature's beauty abounds!

page 30

# Michigamme Master Plan

## Michigamme Township, Michigan

### NON-MOTORIZED TRANSPORTATION

Although vehicles are the primary transportation option in the Township, walking and biking are becoming increasingly popular. Quality-of-life and the economy have been a recurring theme in the public input for this plan, and walking and bicycling are tightly linked to quality-of-life and economic development strategies. In general, communities that are walkable and bikeable tend to encourage active healthy lifestyles, a livelier social environment, and more vibrant downtowns. Non-motorized transportation is also linked to reduced greenhouse gas emissions, lower levels of pollution, less traffic congestion, and a healthier environment. Walkable communities are valued by those who either can't or don't wish to depend on automobile transportation. These communities support greater levels of independence in mobility options for senior citizens, youth, and lower income people. Because of the positive effects that walking and bicycling have on recreation, fitness, transportation, and the environment, these transportation modes are valuable community assets. The differences in the needs and desires of pedestrians and bicyclists require a variety of facility types to accommodate them safely and enjoyably.

The North Country Trail passes through the Township, providing a rugged walkable path through beautiful scenery with many wildlife observation opportunities. No horses or bikes are allowed on the path.

Michigamme Township embraces Complete Streets principles and will encourage the County Road Commission to apply these principles in all Township road projects as appropriate. This will support the goal for roadways to serve many functions, including linking various parts of the community, providing surface transportation accommodating all modes of transportation, providing public access to destinations, incorporating space for underground utilities and other public infrastructure, and helping to define and create a sense of place.

Quality-of-life is very important to the residents of the Township. Designing and building Complete Streets fosters livable communities and provides many benefits to the community such as:

- Encouraging healthy and active lifestyles through functional and attractive sidewalks or multi-use paths and well-defined bicycle routes consistent with the context of the community
- Allowing everyone, especially children, people with disabilities, and the elderly to safely and independently reach destinations and travel around the community
- Reducing pedestrian risk by as much as 28 percent by implementing Complete Streets design elements such as raised medians, sidewalks, and other traffic-calming measures (according to the National Complete Streets Coalition)
- Promoting a cleaner environment. The Complete Streets approach encourages people to walk or bicycle to their destinations around the community, which may help reduce vehicle trips. Many Complete Streets designs also include increased green space along the roadway.





# Michigamme Master Plan

## Michigamme Township, Michigan

To accommodate diverse transportation modes, the Township will collaborate with MDOT in supporting increased opportunities for multi-modal transportation systems including carpool lots, bicycle and pedestrian facilities, heritage routes, long-distance bicycle trails, and snowmobile trails. Sidewalks are present along West Main Street and a portion of Barnum Street in the Village of Michigamme. These sidewalks are generally in need of repair and do not meet ADA standards.

### *PUBLIC WATER, SANITARY SEWER SERVICE AND NATURAL GAS*

There is a public sanitary sewer system that provides services to Michigamme townsite. For water service, the townsite and Township work on individual wells. Residents have shown an interest in having natural gas in the future.

### *SOLID WASTE MANAGEMENT*

Michigamme Township began an optional recycling program in May 2012. Three trailers are provided in the parking lot across from the DPW garage on Barnum Street in the village. One trailer is for glass/plastic/metal, one for dry fiber/ paper/cardboard/books/magazines/junk mail and one for compost materials. Trailers are open 24 hours, 7 days a week. The Marquette County Solid Waste Management Authority meets the waste disposal needs of the Township.

### *HEALTHCARE*

The closest healthcare facilities are Marquette General (A Duke LifePoint Hospital), Bell Memorial LifePoint in Ishpeming, and Baraga County Memorial Hospital in L'Anse.

### *EMERGENCY CARE*

Since 1978 the First Responder team has served Michigamme and Spurr Townships. The EMS volunteers work in cooperation with the Ishpeming Ambulance Service, now run by Bell Memorial LifePoint Hospital. The EMS volunteers have received extensive training in emergency medicine.

### *POLICE PROTECTION*

Service is provided to all areas by the Marquette County Sheriff's Department and the Michigan State Police Department.



# Michigamme Master Plan

## Michigamme Township, Michigan

### FIRE PROTECTION

The Michigamme Fire Department was organized sometime in 1876. In 1995, Michigamme and Spurr Townships combined their volunteer fire departments to form the Michigamme/Spurr Fire Department.



### COMMUNICATION INFRASTRUCTURE

The local telephone company is AT&T. Verizon, AT&T, and Tracfone provide cellular telephone coverage in the area. The Internet Service Providers are Pasty.net, AT&T and CableAmerica with dial-up and DSL services. Cable options are Cable America, AT&T, DIRECTV, and Dish Satellite TV. The local daily newspaper is The Mining Journal, and the weekly publication is the L'Anse Sentinel.

# Michigamme Master Plan

## Michigamme Township, Michigan

### CHAPTER 6 - RECREATION

#### RECREATION

This part of the chapter serves as the Township's Recreation Plan. Certain elements in this section are required by the Michigan Department of Natural Resources to be eligible for recreational grant funding.

#### COMMUNITY DESCRIPTION

The Township's community description information can be found in Chapters 2 and 3. Michigamme Township has an abundant amount of year-round recreational opportunities. The Ottawa National Forest covers much of the northern part of the Township. A large portion of McCormick Tract Wilderness, a small portion of Craig Lake State Park, the majority of Van Riper State Park and the majority of Lake Michigamme rest in the Township. There are numerous lakes located in the Township, the North Country Trail passes through, and a few small parks as well. This land offers extensive hiking, fishing, and camping opportunities in the warmer months, and ice-fishing, snowmobiling, cross-country skiing, and snowshoeing are popular in the winter months.

### HIGHLIGHTS

#### Recreation

- *Lake Michigamme is a major attraction to the Township.*
- *Michigamme Township Park ties the Village to the Lake and has a swimming beach, canoe and boat launch, restrooms, pavilion, playground and baseball, tennis, basketball, volleyball courts/fields.*
- *There are 2 State Parks located in or partially in the Township.*
- *The North Country Trail runs through the Township.*
- *Part of The Ottawa National Forest sits in the Township and includes the McCormick Wilderness Tract.*
- *Winter and Summer abound in recreational activity drawing tourists from all over the region.*



Michigamme Township Park

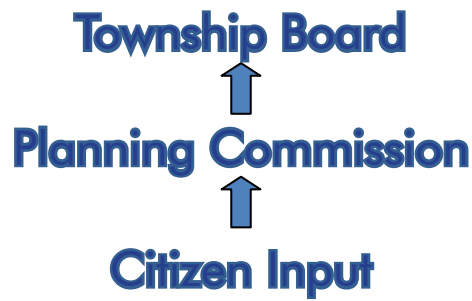


# Michigamme Master Plan

## Michigamme Township, Michigan

### ADMINISTRATIVE STRUCTURE

The Planning Commission serves as the parks and recreation board advising the Township board on planning and budgeting.



Michigamme Township has many volunteer efforts in parks and in the community with special events and festivals. The Township currently budgets \$63,000. This is used for maintenance of 3 parks.

### RECREATION INVENTORY

#### TOWNSHIP RECREATIONAL FACILITIES

The inventory for the following recreational facilities was gathered using field observation and existing Township information.

#### Michigamme Township Park

This 7 acre park is located on the northwestern shores of Lake Michigamme. It includes a small swimming beach, baseball field, tennis courts, basketball court, volleyball court, canoe launch and boat launch, restrooms, pavilion and playground.

#### Michigamme Township Campground

The Township Campground is located along Lake Michigamme south of the Village of Michigamme. It has rustic camping with no dump station.

#### Block Park - corner of Maple Street and Barnum Street

This small park is across from the old Michigamme Public School. There is a swing set, slide, and merry-go-round.

Block Park



# Michigamme Master Plan

## Michigamme Township, Michigan

### Township Ice Rink

The township has volunteers who construct and maintains an outdoor ice rink on Main St. every year (weather permitting).

### US-41/M-28 Roadside Park

The roadside park is located on Lake Michigamme. It includes toilets, picnic tables and grills. This park offers spectacular views of the lake.

US-41  
Roadside Park



### Craig Lake State Park

A small portion of Craig Lake State Park is located in Michigamme Township. It is the most remote state park in the system and was acquired by the State in the 1960's. The park contains six full lakes with muskellunge, bass, walleye, and northern pike, and a variety of wildlife such as deer, black bear, beaver, loons and a portion of the UP moose herd. Craig Lake is a wilderness area that spans 6,983 acres mostly in Baraga County with a very small portion in Marquette County. Access into the park can be an adventure. Vehicles with high ground clearance are recommended. Snowmobiles are allowed with 4" of snow or more on the ground. Cross-country skiing is permitted, however, the trails are not groomed. This park offers some of the most rugged trails in Michigan for hiking. Hunting is allowed. There are two cabins for rent and one yurt located just a two mile hike from the parking area. There is also a metal detecting area.

### Van Riper State Park

Van Riper State Park is located in both Champion and Michigamme Townships, and comprises 1,044 acres. There is 1/2 mile of frontage on Lake Michigamme and 1 1/2 miles of frontage along the Peshekee River. The park has a nice sandy beach on the Lake with concessions, a playground, picnic area, cabins, modern campsites, rustic campsites and a boat launch. Many outdoor activities include hunting, fishing, biking, swimming, Michigan State park explorer program, watchable wildlife (maybe even a moose!), cross-country skiing, snowmobiling and metal detecting.



# Michigamme Master Plan

## Michigamme Township, Michigan

### McCormick Tract Wilderness (Ottawa National Forest)

McCormick Tract Wilderness Area includes 16,850 acres, or about 27 square miles of forested land and 18 small scattered lakes, and expands into Champion Township and Baraga County. The area contains the 3,675 acre McCormick Research Natural Area designated in 1971, and the Yellow Dog National Wild and Scenic River. It holds Bentley Trail, an historic trail system developed by Mr. Bentley which begins at White Deer Lake Settlement and continues on to end at his home on Lake Superior in the Huron Mountain Club (34 miles to the northeast). The trails were made between 1904 and 1920 and are unkempt. It is also the site of McCormick Grand camps, and many topographical interests including headwaters of the Dead River, Huron River, Peshekee River and Yellow Dog Rivers as well as many cliffs and waterfalls.

### North Country Trail

The North Country National Scenic Trail crosses seven northern states providing 4,600 miles of trail in its entirety. It begins in New York and ends in North Dakota. It was created by Congress in 1980 and is administered by the National Park Service. The Trail passes through three National Parks, twelve National Forests, and one National Grassland. This trail traverses primarily east and west through the northern part of the Township, passing through the McCormick Wilderness and Ottawa National Forest.



### Lake Michigamme

Lake Michigamme is one of Michigan's largest lakes covering 4,292 acres or 6.706 square miles, and running depths of over 70 feet, the very deepest point being 72 feet. It's elevation above mean sea level is 1,550 feet. The majority of the Lake is located in Marquette County with its western most part in Baraga County. The main inflow water source is the Peshekee River coming from the north east. Another is the Spurr River, found on the west end. A dam separates the Lake from Michigamme River on the southern arm of the water body. Many islands and rockbeds are in the Lake. There is an abundance of fish including Smallmouth Bass, Northern Pike, Walleye, Rock Bass and Whitefish in the deeper parts. The Lake is a site for many types of outdoor recreation including swimming, boating, fishing and camping. Michigamme Shores Campground sits on the north side shoreline. It has RV sites, tent sites, and a few small cabins. Tennis courts, basketball hoops, horseshoe pits, a big playground, picnic and sandy beach area are included amenities. There are several resorts, camps,

# Michigamme Master Plan

## Michigamme Township, Michigan

and boat launches located along the shoreline.

### Township Community Center

The township community center, which is located on Main St. in the Village of Michigamme serves as the center of indoor community recreational opportunities. There is an indoor basketball court and various rooms which community members use for indoor recreational activities such as a sewing group and a cribbage league.

### REGIONAL RECREATION

The County of Marquette offers an excellent variety of recreational facilities for residents and visitors. The County itself owns, operates, and maintains three recreational facilities: Sugar Loaf Mountain, Perkins Park, and the Big Bay Harbor of Refuge. Sugar Loaf Mountain is one of the most popular scenic overlooks on the central Upper Peninsula coastline.

The region has several water-oriented recreational opportunities including Lake Superior, Lake Independence, Lake Michigamme, The Greenwood Reservoir and many inland lakes and streams. Regional parks include Presque Isle Park, Perkins County Park, Craig Lake State Park, and Van Riper State Park. State-owned lands and private lands under the Commercial Forest Act are available for public recreational use.

Cross-country skiing is a very popular sport in this region. Several trails and recreation areas found here are the Fit-Strip in the City of Marquette, The Noquemanon Trail Network in Marquette, Blueberry Ridge Trail in Marquette, Presque Isle Park in Marquette, Anderson Lake Trail in the Escanaba River State Forest, Kawbawgam Ski Trail in Chocolay, Maple Lane Ski Area in Skandia, Al Quaal Recreation Area in Ishpeming, Negaunee Community Center Ski Trail and Kivela Road Trail in Negaunee, and the Iron Ore Heritage Trail. The trails are groomed and maintained by local ski clubs in cooperation with local governments. Downhill skiing is also an option at Marquette Mountain.

A vast Snowmobiling/ORV Trail System and abundant snowfall draw thousands of visitors to Marquette County every year. The routes connect to trails throughout the Upper Peninsula and northern Wisconsin providing hours of opportunity for riding.

### ACCESSIBILITY ASSESSMENT

The Township is working to improve accessibility. It is replacing deteriorated sidewalks in the community. As parks are improved the Township will make them accessible.

### STATUS REPORT OF ALL GRANT-ASSISTED PARKS

The Township self-reported on all grant assisted parks this year.



# Michigamme Master Plan

## Michigamme Township, Michigan

### DESCRIPTION OF THE PLANNING PROCESS & PUBLIC INPUT

The Township is including a Recreation Plan in its 2013 Master Plan. Recreation is a very important part of the quality of life in Michigamme Township, as evidenced by the public input received during the planning process. The Master Plan and Recreation Plan process employed several methodologies to gather public input over the last few years. As a result, the Township has a better understanding of citizen goals with park and recreational facilities. This overall planning process is described in detail in Chapter 7.

### GOALS AND STRATEGIES

The following Recreation goals and strategies are also found in Chapter 8. These strategies provide an Action Plan for improving recreation opportunities and facilities in Michigamme Township.

### RECREATION GOALS & STRATEGIES

#### Goal

Preserve and enhance public access and enjoyment of unique natural amenities

#### Strategies:

Repurpose a portion of the park property to encourage usage and draw people to the community.

Project elements to include:

1. Install a large mooring dock.
2. Install a universally accessible fishing pier.

Develop marine fuel sale in the Township Park, elements include;

1. Install a concrete truck pad with proper drainage and fuel containment .
2. Landscaping and site improvement to ensure proper drainage, treatment of storm water.
3. Informational signage.

Collaborate on regional all season motorized and multi-use trail projects with an all season plan and links to other trail systems in the townships, counties, and states.

#### Goal:

Promote a healthy year-round lifestyle in the Township based upon access to the surrounding natural environment.

#### Strategy

Develop Master Plans for the two waterfront parks on Lake Michigamme and apply for DNR grants to improve them.



# Michigamme Master Plan

## Michigamme Township, Michigan

### Strategy

Develop a universally accessible kayak launch at the Michigamme Township Park.

Project Elements include:

1. Universally accessible parking area improvements
2. Universally accessible dock and kayak launch
3. Informational signage
4. Landscaping

### Strategy

Develop the existing green space in the downtown into more of a town square and consider the feasibility of hosting a farmers and artisans market on a regular basis.

### Strategy

Support the ice skating rink being provided by volunteers.

### Strategy

Support the development of an indoor recreational facility for year-round activities.

### Strategy

Develop both active and passive recreational opportunities for all age groups and special populations, such as the existing Kids Club.

### Strategy

Prioritize needs and recommend improvements and to move toward the achievement of a regional all season non-motorized network. Having a comprehensive bicycle and pedestrian plan can make more funding sources available for these types of projects.



# Michigamme Master Plan

## Michigamme Township, Michigan

### CHAPTER 7 - COMMUNITY INPUT

#### INTRODUCTION

Engaging citizens and the community in a planning process has been a priority. An informed and involved community is much more likely to support new initiatives if they have been involved in the process. The planning process for Michigamme Township provided two opportunities for community involvement. The public had an opportunity to participate in the project by either filling out a short survey and/or attending community meeting held on June 29, 2011. Four additional surveys were conducted in 2012, the results of which are found in Appendix B. An additional public meeting was held again on September 12, 2013. The participants identified the Township's biggest problems and brainstormed opportunities. These are listed below with numerical values reflecting relative priority of the participants.

#### Problems:

- No one knows we are here (2)
- Unsightly vacant lots (4)
- Absentee owners
- People don't know how great we are
- Condition of public beach (2)
- "Condition of" streets (3)
- No baseball
- Blight (3)
- Ignore the Lake
- Not as much Lake traffic (1)
- Lack curb appeal (7)
- Park/Community Center underutilized (2)
- Play Equipment outdated (1)
- Vandalism/Closed bathrooms (2)
- Limited tax base
- Lack of Sheriff's patrol
- Town entry very dark (3)
- Maybe more street lights
- No Highway Turn Lane (1)
- No fuel on Lake
- Access to gym
- No activity for kids
- Lack of community communication (6)
- Boat ramps (2)

# Michigamme Master Plan

## Michigamme Township, Michigan

- Can't draw boats from park (1)
- Goose feces (1)
- Need more businesses (2)
- Longer business hours
- Lack of volunteers (3)
- Don't have farmers market

### Assets:

- The People (3)
- Community Building (6)
- Museum and Library (7)
- The Lake (11)
- Public Parks (3)
- Quiet
- Awesome Ball Field
- Bass Fishing Tournament (2)
- Music in the Park (2)
- Fish Boil (1)

Survey Monkey was used to develop an online survey to allow people an opportunity to provide input if they couldn't make the meeting. Survey results matched very closely to the input given at the meeting, this input is summarized below and a complete tabulation of each question is included in Appendix B.

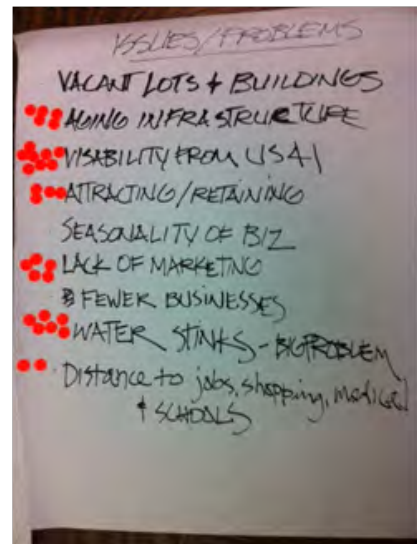
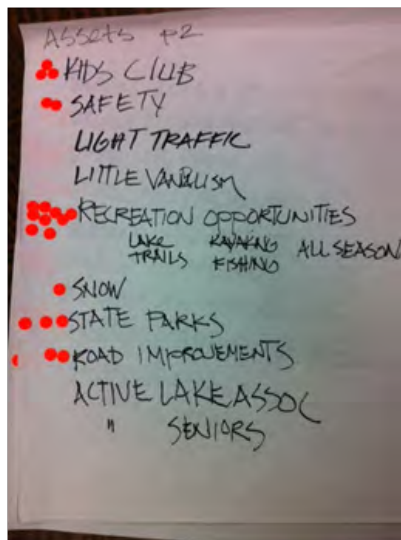
The survey saw about 92 participants with most of them answering each question. Participants were asked questions having to do with the types of activities they participate in, what kind of facilities are important to them in the Township Park, what kinds of enhancements they would like to see at the gateway area and downtown and what other projects they would like to see.

Many of the participants listed activities that focus around the lake as the ones they participate the most in such as fishing (71.9 percent), swimming (68.5 percent), boating (62.9 percent), and use of the beach pavilion (47.2 percent). Improvements to the Township Park matched very closely to those identified in the public meeting. Playground equipment, restrooms, and a marina/boat launch were some of the top priority improvements. When asked about the priority projects for the gateway area, an overwhelming majority said the road surface was the most important followed by signs and landscaping. For the downtown area, these projects were also top priority with the addition of sidewalks. As far as other projects in the area, many participants would like to see a non-motorized multi-use path connecting to Van Riper State Park and a Farmer's Market.

These results are consistent with the survey that was conducted at the Lake Michigamme Property Owners Association survey which was conducted at their annual meeting, the results of which are also included in appendix B.



# Michigamme Master Plan Michigamme Township, Michigan



Michigamme Township Planning Workshop  
September 12, 2013

# Michigamme Master Plan

## Michigamme Township, Michigan

### ASSETS AND OPPORTUNITIES

- Vacant Land For Development (1)
- Restaurants
- The Lake And Park (6)
- Two Parks On The Lake (1)
- Sanitary Sewer
- Great Museum
- Library
- Proximity To Highway
- Rich History (2)
- Community Involvement (4)
- Kids Club (3)
- Safety (2)
- Light Traffic
- Little Vandalism
- Recreation Opportunities -Lake, Trails, Kayaking, Fishing, All Season (9)
- Snow (1)
- State Parks (3)
- Road Improvements (2)
- Active Lake Association
- Active Seniors

### ISSUES/PROBLEMS

- Vacant Lots and Buildings
- Aging Infrastructure (5)
- Visibility From US 41 (8)
- Attracting/Retaining (4)
- Seasonality of Business
- Lack of Marketing (5)
- Fewer Businesses
- Water Stinks- Big Problem (6)
- Distance To Jobs, Shopping, Medical And Schools (2)



# Michigamme Master Plan

## Michigamme Township, Michigan

### CHAPTER 8 - GOALS AND STRATEGIES

#### INTRODUCTION

This portion of the Michigamme Township Master Plan is intended to define the community's goals and outline a course for action to achieving them. Together, the community goals and strategies are like a community's "To Do" list that lets residents and others know what is wanted, needed and supported.

Goal statements reflect the needs, values and desires of the community and cover a wide range of topics.

Strategies are action-oriented statements of a position or course of action which provide a means of obtaining a stated goal. Strategies are more specific and measurable tasks that may be long-term, mid-term or short-term but need to be done to accomplish goals.

#### LAND USE GOALS & STRATEGIES

##### Goal:

New development in the Township will be designed to preserve natural features, rural views and similar elements intended to maintain rural characteristics.

##### Strategies:

Increase and maintain public awareness of the Township planning and zoning function thru the Administrators newsletters, public forums and planning meetings.

Communicate with neighboring township governments on land use issues and share the master plan with them by utilizing township association meeting and e mail.

Utilize long range planning to monitor and respond to growth in the township and to monitor progress.

##### Goal:

Manage growth in the Township to protect the natural environment through planning and zoning ordinances.

##### Strategies:

Provide thru zoning adequate and appropriate spaces for the establishment of commercial and industrial enterprises.

# Michigamme Master Plan

## Michigamme Township, Michigan

Strategies (continued):

Prevent or minimize the blighting influence of commercial or industrial activities on adjacent land uses.

Update Zoning Ordinance to minimize conflicts between adjacent incompatible land uses.

Update the Zoning Ordinance to meet the goals of this plan and to meet the requirements of PA 110 of 2006.

Goal:

Manage Resource retrieval and development to minimize impact on the environment.

Strategies:

Develop zoning to include oversight of such projects in tandem with local, state and federal agencies to minimize changes in and to the environment.

Goal:

Create and maintain Michigamme as a walkable village.

Strategies:

Maintain streets and sidewalks, create multiuse trails and enforce the blight ordinance.

### TRANSPORTATION GOALS AND STRATEGIES

Goal:

Maintain the existing road surfaces with a partnership from the Marquette County Road commission.

Strategies:

Practice proper road surface maintenance like crack sealing and hot patching potholes to prevent an increased degradation of our road surfaces.

Use the MCRC shared funded dust control program for all gravel roads in the township.

Utilize chip sealing as an alternative to resurfacing at a cheaper cost than resurfacing and an increase in road life.

During actual projects reuse as much demolished material for other intended uses in the township (ie. saving the removed asphalt to have it reground and spread on another road in the township).



# Michigamme Master Plan

## Michigamme Township, Michigan

### PUBLIC SERVICES, FACILITIES AND INFRASTRUCTURE GOALS AND STRATEGIES

#### Goal:

Enhance the character of the Township to attract businesses.

#### Strategies:

Improve and maintain sidewalks for ease of mobility and beauty thru planning and use of blight ordinance.

Encourage the implementation of monthly markets in the lakeside park.

#### Goal:

Provide appropriate public facilities and services to support the residential, commercial and recreation activities of residents, business owners, and visitors.

#### Strategies:

Develop a plan to investigate resident interest in serving Michigamme Township with natural gas.

Ensure that locations for new public facilities are easily accessible for motorists, bicyclist, public transportation users and pedestrians.

Continue support/operation/enhancement of the Michigamme Township Fire Department through communication, education and recruitment.

Require that new road and utility improvements be made to coincide with new development such as plats, subdivisions, industrial land divisions or larger multi-lot divisions.

Maintain and improve the Township cemetery to meet the needs of the community.

Explore the feasibility of creating a municipal water system for the Michigamme Village area.

### HOUSING GOALS & STRATEGIES

#### Goal

Maintain and preserve the quality of existing residential areas and encourage the provision of an adequate supply of housing for all residents.

#### Strategy

Look for opportunities to develop specialty housing for seniors and retirement-aged people.



# Michigamme Master Plan

## Michigamme Township, Michigan

### Strategy

Maintain all housing in the Township in a decent, safe and sanitary condition through utilization and enforcement of building/maintenance codes.

### Strategy

Utilize housing rehabilitation programs to eliminate unsound housing and to improve and conserve sound but aging housing.

### Strategy

Continue to pursue funding sources for housing rehabilitation and improvement.

### Strategy

Develop a Fair Housing ordinance.

### Strategy

Develop an economic opportunity policy.

## RECREATION GOALS & STRATEGIES

### Goal

Preserve and enhance public access and enjoyment of unique natural amenities

### Strategies:

Repurpose a portion of the park property to encourage usage and draw people to the community.

Project elements to include:

1. Install a large mooring dock.
2. Install a universally accessible fishing pier.

Develop marine fuel sale in the Township Park, elements include;

1. Install a concrete truck pad with proper drainage and fuel containment .
2. Landscaping and site improvement to ensure proper drainage, treatment of storm water.
3. Informational signage.

Collaborate on regional all season motorized and multi-use trail projects with an all season plan and links to other trail systems in the townships, counties, and states.

### Goal:

Promote a healthy year-round lifestyle in the Township based upon access to the surrounding natural environment.



# Michigamme Master Plan

## Michigamme Township, Michigan

### Strategy

Develop Master Plans for the two waterfront parks on Lake Michigamme and apply for DNR grants to improve them.

### Strategy

Develop a universally accessible kayak launch at the Michigamme Township Park.

Project Elements include:

1. Universally accessible parking area improvements
2. Universally accessible dock and kayak launch
3. Informational signage
4. Landscaping

### Strategy

Develop the existing green space in the downtown into more of a town square and consider the feasibility of hosting a farmers and artisans market on a regular basis.

### Strategy

Support the ice skating rink being provided by volunteers.

### Strategy

Support the development of an indoor recreational facility for year-round activities.

### Strategy

Develop both active and passive recreational opportunities for all age groups and special populations, such as the existing Kids Club.

### Strategy

Prioritize needs and recommend improvements and to move toward the achievement of a regional all season non-motorized network. Having a comprehensive bicycle and pedestrian plan can make more funding sources available for these types of projects.

## *ECONOMIC DEVELOPMENT GOALS & STRATEGIES*

### Goal

Improve the economic condition in Michigamme Township by promoting the community as a great place to work, live, visit and for outdoor recreation.

### Strategy

Continue to promote the Township's environmental resources, natural features, cultural and historic sites, events and festivals as a way to foster the tourism industry.

# Michigamme Master Plan

## Michigamme Township, Michigan

### Goal

Focus efforts to attract more visitors to the Michigamme Town Center and downtown district.

### Strategy

Implement the downtown streetscape and gateway improvement project.

### Goal

Recognize that quality of life is the driving force behind decisions for business locations and where people want to live in today's world.

### Strategies

Consider the development of a farmers and artists market in the Village to provide access to healthy food for residents, and an outlet for local produce farmers and artisans.

Develop and improve infrastructure and service networks to support businesses, employees and their families, such as Wi-Fi and Internet access.

### Goal

Retain and encourage expansion of existing businesses and industries and attract new economic activities, including small-scale light industries to provide desired levels of employment for the Township.

### Strategies

Take advantage of grants through federal, state and other funding sources for infrastructure improvements, transportation, trails, recreation and economic development projects.

Support mining exploration, development and production of minerals and natural resources that is sustainable and doesn't harm the environment.



# Michigamme Master Plan

## Michigamme Township, Michigan

### CHAPTER 9 - FUTURE LAND USE AND ZONING PLAN

#### *FUTURE LAND USE*

The Future Land Use in Michigamme Township is expected to stay much the same as it is today. The Future Land Use Map provides a generalized snapshot of future land Uses described below:

#### Mixed Use/Residential/Retail

This area consists of the village where a variety of residential and retail/commercial land use exists. By investing in this area, the Township is intending to revitalize the village area, encourage new construction as well as rehabilitation of existing structures for residential and commercial purposes.

#### Natural Resource/Conservation/Recreation and Production

This is the largest generalized category of land uses in Michigamme Township. It includes a mix of public land, corporate timber production, and private parcels.

#### Waterfront Residential/Resort

This generalized area includes the shoreline and land surrounding Lake Michigamme, where resorts, year round and seasonal residential land uses co-exist.

#### Mixed Use

This area includes a corridor along US 41 through the Township and could include residential, industrial and commercial land uses. Access management techniques, such as limiting the number of driveways, parking lot cross-connections and access drives, should be considered through the site plan approval process for development in this corridor.

#### Eagle Mine

The site of the developing Eagle Mine project is noted as a separate future land use category, even though it is a natural resource-based production facility.

#### *ZONING PLAN*

This section of the Master Plan describes changes and recommendations for coordinating the Zoning Ordinance with the Master Plan.

The current Michigamme Township Zoning Ordinance was most recently updated in 2010. The ordinance requires site plan review. District regulations are reasonable and no current problems are noted by the Township. The ordinance generally addresses the requirement of Michigan Public Act 110 of 2006, the Zoning Enabling Act.

The Township Zoning Ordinance provides for a conditional use permit process for certain land uses.

# Michigamme Master Plan

## Michigamme Township, Michigan

The new Zoning Enabling Act, P.S 110 specifically refers to "Special Land Uses". The Township should consider changing this in their ordinance to conform to the Act.

In recent years, communities have questioned standardized parking requirements that have resulted in over building parking lots, with the idea that less parking is more sustainable. A parking reduction provision can be included in the zoning ordinance to allow a developer the opportunity to propose and justify less on-site parking.

The Township has experienced controversy in the past with a proposed conversion of a lakefront resort to condominiums. This issue, the conversion of existing resorts to some level of residential use, is not unique to Michigamme Township, but is common throughout the Northwoods lake resort areas. Resort owners, facing retirement, find that the real estate market is very limited for potential buyers. Conversion of resort cabins and property to a condominium type form of ownership, offers a way for resorts to respond to a changing vacation preferences and markets. The Township Planning Commission should review zoning requirements for such conversions from other resort communities and craft an amendment addressing this issue. This will ensure that any future proposals can be dealt with fairly and with good regulations in place to protect surrounding property values from possible adverse impacts of conversion.

### *CURRENT ZONING DISTRICTS AND INTENT*

#### R Residential

Intent: The R, Residential District is intended for the establishment and preservation of quiet neighborhoods for single-family dwellings and two-family dwellings free from other uses except those which are both compatible with and convenient to the residents in this Districts.

#### LS/R Lakeshore/River

Intent: The LS/R, Lake Shore/River District is established to preserve for residential and recreational uses those areas with frontage on inland lakes and rivers which, because of existing development, natural characteristics and accessibility, are suitable for development.

#### RS-1 Recreational Structure and Recreational Vehicles

Intent: The RS-1, Recreational Structure District is established and maintained for recreational uses. The District is designed for areas with frontage on inland lakes and rivers, which because of their natural characteristics, accessibility, and high cost of providing public services, are suited for less intensive development than the LS/R District and intended for recreational development. Governmental services may not be provided on a year-round basis or may not be provided at all.

#### TD-1 Town Development 1

Intent: The TD 1, The Town Development One District, is established to preserve a district for residential, retail and service establishments, and certain governmental uses that are compatible with a small town setting serving residents and tourists. This district is designed for small



# Michigamme Master Plan

## Michigamme Township, Michigan

town areas where a mix of residential and retail is in accord with established patterns of land use and the needs of nearby residents.

### TD-2 Town Development 2

Intent: The TD 2, Town Development Two District is established to provide a commercial type-setting that is not compatible with a residential setting because of increased traffic, noise, and materials generated due to its day to day operations.

### RP-20 Resource Production 20

Intent: The RP-20, Resource Production Twenty District is established to maintain very low density rural areas which, because of their location, potential mineral content, accessibility, natural characteristics and high cost of providing public services, are not suitable for year round development but rather for a wide range of forestry, agriculture, mineral extraction, natural resource and recreational uses. Governmental services may not be provided on a year round basis or may not be provided at all.

### TP-40 Timber Production 40

Intent: The TP 40, Timber Production District is established to preserve and maintain for timber production purposes those lands which because of their soil, drainage, large tract ownership, potential mineral content, and other characteristics, are especially suited for timber production and mining.

### I Industrial

Intent: The Industrial District is designed and intended for manufacturing, assembling, fabricating, and processing businesses, storage, mineral extraction, and other commercial activities which may require larger sites and isolation from many kinds of other land uses and to make provisions for commercial uses necessary to service the immediate needs of an industrial area.

The Township is not proposing any changes or additions to the above Zoning Districts and regulations.

# Michigamme Master Plan Michigamme Township, Michigan

## APPENDIX A

### FINANCIAL PLAN

All costs are estimates.  
All time frames are subject to change due to  
funding availability and community input



Michigamme Township Finance Plan		25 Years		Status amt. yrs.	percent complete	Line Items	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030	2030 to 2035	
Total of Line Items								5 year spending amount				
Road Repairs MCRC	\$12,831,502.00											
2" overlay on all of Twp. Roads		400k 12-13	50%		\$2,374,850.00	600,000	250,000				1,000,000	
Peshekee Grade 607 Rebuild					\$5,132,750.00							
Rebuild all other roads		500k 12-13	30%		\$5,323,902.00	600,000	250,000				1,000,000	
Michigamme Township Town Plan	\$885,000.00											
Gateway		40k 14	50%		\$143,000.00	40,000	103,000					
Streetscape		270k 14	25%		\$336,000.00	200,000	136,000					
Farmer's and Artists Market					\$10,000.00	5,000	5,000					
Town Square					\$125,000.00	25,000	50,000				50,000	
Kayak Launch					\$36,000.00	10,000	10,000				6,000	
Township Park		6k	3%		\$225,000.00	25,000	200,000					
Marine Fuel Sales					\$10,000.00	10,000						
Community Building	\$450,000.00											
Efficiency Upgrades		35k 13-14	25%		\$115,000.00	33,000	25,000	57,000				
New Roof					\$95,000.00		95,000					
Building Preservation					\$110,000.00	5,000	50,000				55,000	
Building Stabilization					\$130,000.00	5,000	50,000					
Fire Hall/EMS Building	\$50,000.00											
Roofing & Siding					\$26,000.00	10,000	10,000	10,000			6,000	
Interior Renovation					\$15,000.00	5,000	5,000			5,000		
Entrances		2k 12	10%		\$9,000.00	4,000					5,000	
Michigamme Historical Society Museum	\$65,000.00											
Efficiency Upgrades		4k 13	28%		\$18,000.00	5,000	5,000	5,000			8,000	
Historic preservation					\$25,000.00	10,000	5,000	5,000				
1900 Steamer Storage					\$22,000.00	22,000						
Sewer	\$1,926,173.49											
Sewer Bond					\$811,173.49	45,530.62	45,530.62	45,530.62	45,530.62	45,530.62	45,530.62	
Equipment					\$300,000.00	100,000		100,000			100,000	
Tanks					\$95,000.00		47,500				47,500	
Backhoe 50%		22k 13	50%		\$45,000.00	25,000	20,000	20,000				
Drain Field					\$600,000.00		200,000	200,000			200,000	
Manhole repairs					\$75,000.00	20,000	40,000					
Municipal Water	\$3,300,000.00											
C2EA design estimates					3.3m to 2.9m							
Cemetery Updates to the Lakeview Cemetery	\$355,000.00											
Michigamme Spurr Township Joint Cemetery												
Clearing, Filling, Landscaping, Drill Well					\$175,000.00	20,000	25,000	25,000	25,000	25,000	90,000	
GIS Mapping and Surveying					\$41,000.00		10,000	10,000	10,000	10,000	11,000	
Mausoleum					\$60,000.00		60,000					
Ground Penetrating Radar					\$34,000.00	8,000	8,000	8,000	8,000	10,000		
Backhoe 50%		22k 13	50%		\$45,000.00	25,000	20,000	20,000				





Michigamme Township Finance Plan		25 Years		Status amt. yrs.	percent complete	2010 to 2015	2015 to 2020	2020 to 2025	2025 to 2030	2030 to 2035	
		Total of Line Items				Line Items	5 year spending amount				
Property						\$600,000.00					
Development						\$1,600,000.00					
Storm Sewers		\$150,000.00									
Permits			14	0%		\$2,500.00	500	500	500	500	
Pipe, Cocks, Manhole covers			14	0%		\$74,000.00	10,000	20,000	14,000	10,000	
Labor			14	0%		\$73,500.00	10,000	18,000	10,000	11,500	
Garbage Truck		\$245,000.00									
Recycling Building MCSWA Recycle Program			8k 13	10%		\$165,000.00	25,000	140,000			
						\$80,000.00	25,000	55,000			
Brownfield (old Michigamme School)		\$2,500,000.00									
Asbestos and Heavy Metal Paint Testing						\$15,000.00					
Asbestos and Heavy Metal Paint Abatement						\$1,200,000.00					
Demolition						\$950,000.00					
Site restoration						\$335,000.00					
Motel		\$1,800,000.00									
Michigamme-Champion-Spurr Senior Housing Auth.		\$5,000,000.00									
Wii Max Community Towers and Transmitters		\$1,500,000.00				\$700,000.00					
Tower Maintenance and Licenses X 25 Years						\$650,000.00					
Fiber Optic High Speed Service X 25 Years		\$44,472,435.49				\$150,000.00					
All costs are estimates											
All times frames are subject to change due to funds											

Michigamme Master Plan  
Michigamme Township, Michigan

APPENDIX B  
PUBLIC INPUT



## Lake Michigamme Property Owners Association Survey Results

### Are you a Michigamme Township resident?

	No answer	Yes	No
Responses	3	38	19

### Which Activities does you family participate in or use?

	ATV Trails	Tennis Courts	Archery	Bicycling	Kayaking	Camping	Local Beach	Picnicking	Hiking	Ball Fields	Golf Course	Beach Pavilion	Boating	Swimming	Local Parks	Fishing	Walking	Snow Shoeing
Responses	18	4	4	22	26	9	22	17	34	4	7	16	52	42	20	41	45	20
	30.0%	6.7%	6.7%	36.7%	43.3%	15.0%	36.7%	28.3%	56.7%	6.7%	11.7%	26.7%	86.7%	70.0%	33.3%	68.3%	75.0%	33.3%

For the following items, respondents were asked to rate the following items from one to five, with five being the most important for the township to act upon, and one being the least important.

### Michigamme Park

Score (1-5)	Fuel Sales		Fishing Piers		Restrooms		Marina		Beach Improvements		Playground Equipment	
	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent
5	16	38%	7	16%	16	31%	13	31%	11	24%	5	12%
4	6	14%	4	9%	11	21%	2	5%	11	24%	12	28%
3	2	5%	10	23%	14	27%	8	19%	13	28%	13	30%
2	5	12%	16	37%	3	6%	7	17%	6	13%	7	16%
1	13	31%	6	14%	8	15%	12	29%	5	11%	6	14%
<b>Total Responses</b>	42		43		52		42		46		43	
<b>Response precedence</b>	5%		5%		6%		5%		6%		5%	

### Michigamme Beach/Boat Launch

Score (1-5)	Boat Launch		Toilets		Swimming Area		Campground		Playground Equipment	
	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent
5	26	54%	14	30%	6	13%	4	9%	6	14%
4	4	8%	22	47%	14	30%	3	7%	5	12%
3	11	23%	8	17%	20	43%	4	9%	7	16%
2	4	8%	2	4%	4	9%	14	31%	12	28%
1	3	6%	1	2%	3	6%	20	44%	13	30%
<b>Total Responses</b>	48		47		47		45		43	
<b>Response precedence</b>	6%		6%		6%		5%		5%	

### Township projects

Score (1-5)	Road Repairs		Non-Motorized path		Township Park		Recycling Building		Kiosk		Signage		Streetscape		Boat Launch		Indoor Rec		Stronger Blight	
	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent	Responses	Percent
5	52	91%	8	28%	2	6%	9	26%	1	5%	3	13%	6	17%	6	18%	5	15%	11	29%
4	2	4%	7	24%	10	31%	10	29%	0	0%	2	9%	5	14%	8	24%	8	24%	11	29%
3	1	2%	4	14%	8	25%	6	17%	4	18%	9	39%	12	33%	9	27%	4	12%	2	5%
2	0	0%	3	10%	4	13%	3	9%	8	36%	5	22%	5	14%	5	15%	10	30%	8	21%
1	2	4%	7	24%	8	25%	7	20%	9	41%	4	17%	8	22%	5	15%	6	18%	6	16%
<b>Total Responses</b>	57		29		32		35		22		23		36		33		33		38	
<b>Response precedence</b>	7%		3%		4%		4%		3%		3%		4%		4%		4%		5%	

60 surveys received

### Comments received from surveys

We are pleased to have a recycling center

Cardinal Red Road - Needs attention

The Town & Cardinal roads are an embarrassment. Fix them before anything else. Either fix the road or hire a full time dentist to repair my teeth fillings!!

Champion, Republic and Michigamme should sound their fire sirens for bad weather-or wild fires.

Anxiously waiting repaving of Cardinal Road!

Thank you!

Please enforce blight ordinance.

Please enforce blight ordinance.

Any possibility that industry tax collection can relieve tax burden for property owners around lake?

Cardinal red road needs repairs

Variable activities for seniors & other community members promoting a more viable & enthusiastic community.

In case of threatening forest fire: For fire dept. please develop an evacuation plan for Cardinal Road to the east & other like roads & most critical schedule practice runs so we can all learn them

This plan could save many lives if known now. Also a phone call plan to warn residents is necessary.

Road repair - Red Road & main street most important & first! Thanks for recycling program-at last.

Roads are high priority. Fireworks control = time of use. Beach improvements to attract visitors too.

Senior Group Input Oct. 9, 2012

- Bike trails.
- Improve street lighting.
- Offer aerobics and/or exercise program in Community Building.
- Michigan State Dept. availability.
- Safe place to discharge and sight in guns.
- Make available copies of other township's Master Plans.
- Township water and gas availability.
- Compost site for yard waste.
- Enforce speed limit (especially on Cemetery Rd).
- Develop campsites on baseball field.
- Increase number of refuse containers in park.
- Increase docks at park.
- Temporary walls for pavilion, windscreens.
- Enforce blight ordinance.
- Enforce dog ordinance, barking and number of dogs.
- Improve and have bathrooms open at park.

*Michigamme Township Planning Commission Master Plan input session on May 10<sup>th</sup> 2012 with Doug Barry from Van Riper State Park, Woody from Michigamme Shores Campground and Resort and Caron Christopherson from Presbyterian Point Bible Camp.*

### **Campground input session**

- Off season development. More access to local shops during the off season time.
- More mooring facilities available at the village.
- Cross country skiing, snowmobiling, snowshoeing -multi use trail.
- ORV access from east to west in Michigamme Township.
- Advertising funds for businesses in Michigamme Township. Possible funding through the DDA.
- Activities in MICHIGAMME (what to do?)
- Connecting Trail. Multiuse - walking, hiking, jogging, biking, horses, ORV, skiing, snowshoeing, snowmobiling, skijoring.
- Kayak and canoe trail from Lake Ruth to Lake Michigan and everywhere in between. Complete with signage and connecting portages. The State of Michigan has a process to purchase easement for such a trail.
- Fuel sales on Lake Michigamme. Huge interest. Would help with protecting the Environment from self-fuelers and an increase the boating destinations.
- Snowshoeing trail off season.
- Consistency of shops and business hours. If visitors are referred and businesses are not open it will hurt repeat business.
- Combining events. Reciprocal notifications. New restaurant distribute menus. Bass tournament on free fishing weekend. Linking online schedules together. Church Camp open house. National Night Out.
- Theme to Community - Natural Beauty. Strong ordinances, cleanup resources.
- Family friendly activities - mini golf etc. Attracts the children and the parents will be inclined to shop and spend money in other places.
- Combining resources with other committees. The Champion Recreational Committee will be invited to our next input gathering session

## Feedback from Green Road

- Would like more non-motorized trails for snow shoeing, cross country skiing and hiking.
- Repair roads in Michigamme.
- Community picnic - dish to pass.
- Investigate luring cable and Wi-Fi capability.
- Ask again about fish stocking - request for dumb fish.
- Increase ATV and Snowmobile trail.
- Restaurant that serves breakfast.
- There are stringent EPA regulations that would prohibit a gas pump.
- Convenient Sec. of State office, perhaps using township office once monthly.
- Appreciative that township asked for input.

# Michigamme Township Downtown Development Authority Survey



1. Are you a Michigamme Township resident? If yes, where in the township do you live? If no, where do you reside.

		Response Percent	Response Count
Yes		60.9%	56
No		39.1%	36
Where do you reside?			69
answered question			92
skipped question			0



## 2. Number of persons in your household ages:

### 0-5

	1	2	3	4	5	6	7
Number of persons in your household ages:	22.2% (4)	<b>61.1% (11)</b>	5.6% (1)	11.1% (2)	0.0% (0)	0.0% (0)	0.0% (0)

### 6-12

	1	2	3	4	5	6	7
Number of persons in your household ages:	14.3% (1)	<b>57.1% (4)</b>	0.0% (0)	0.0% (0)	0.0% (0)	28.6% (2)	0.0% (0)

### 13-19

	1	2	3	4	5	6	7
Number of persons in your household ages:	<b>60.0% (3)</b>	40.0% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)

### 20-39

	1	2	3	4	5	6	7
Number of persons in your household ages:	47.1% (8)	<b>52.9% (9)</b>	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)



### 40-65

	1	2	3	4	5	6	7
Number of persons in your household ages:	45.5% (20)	<b>50.0% (22)</b>	4.5% (2)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)























### 65+







	1	2	3	4	5	6	7
Number of persons in your household ages:	<b>53.8% (21)</b>	46.2% (18)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)

**3. Does anyone in your household have a disability or require specialized recreation? If yes, please specify.**

		Response Percent	Response Count
Yes		9.9%	9
No		90.1%	82
	Other (please specify)		4
<b>answered question</b>			<b>91</b>
<b>skipped question</b>			<b>1</b>

#### 4. Which of the following activities does your family participate in or use:

		Response Percent	Response Count
ATV Trails		39.3%	35
Ball Fields		20.2%	18
Tennis Courts		11.2%	10
Curling		0.0%	0
Shuffle Board Courts		1.1%	1
Bocce Ball		2.2%	2
Golf		28.1%	25
Archery		14.6%	13
Beach Pavilion		47.2%	42
Bicycling		48.3%	43
Boating		62.9%	56
Kayaking		30.3%	27
Swimming		68.5%	61
Camping		37.1%	33
Area Parks		49.4%	44
School Playground		13.5%	12
Beach Playground		34.8%	31
Fishing		71.9%	64
Horse Shoes		7.9%	7
Ice Skating		14.6%	13
Hockey		4.5%	4
Picnicking		44.9%	40
Skiing		23.6%	21

Sledding		23.6%	21
Snowmobiling		20.2%	18
Snowshoeing		32.6%	29
<b>Walking</b>		<b>75.3%</b>	<b>67</b>
Hiking		37.1%	33
Running		9.0%	8
	Other (please specify)		6
<b>answered question</b>			<b>89</b>
<b>skipped question</b>			<b>3</b>

**5. For the proposed projects in the Michigamme Township Park, please rank each project with a priority status - 5 is the highest priority while 1 is lowest priority.**

	5	4	3	2	1	Rating Average	Response Count
Playground Equipment	<b>45.3%</b> <b>(39)</b>	26.7% (23)	14.0% (12)	7.0% (6)	7.0% (6)	3.97	86
Basketball Court	17.5% (14)	23.8% (19)	<b>28.8%</b> <b>(23)</b>	12.5% (10)	17.5% (14)	3.11	80
Restrooms	<b>67.0%</b> <b>(59)</b>	20.5% (18)	6.8% (6)	4.5% (4)	1.1% (1)	4.48	88
More sand at the beach	<b>32.5%</b> <b>(26)</b>	20.0% (16)	22.5% (18)	13.8% (11)	11.3% (9)	3.49	80
Docks	<b>39.8%</b> <b>(33)</b>	32.5% (27)	8.4% (7)	7.2% (6)	12.0% (10)	3.81	83
Tennis Court	7.9% (6)	13.2% (10)	<b>30.3%</b> <b>(23)</b>	22.4% (17)	26.3% (20)	2.54	76
Boat Launch/Marina	<b>44.4%</b> <b>(36)</b>	19.8% (16)	18.5% (15)	6.2% (5)	11.1% (9)	3.80	81

Please list any other projects you would like to see developed at the Michigamme Township Park. 15

<b>answered question</b>	<b>91</b>
<b>skipped question</b>	<b>1</b>

**6. For the proposed projects at the Michigamme Township entrances. Please rank each project with a priority status - 5 is highest priority while 1 is lowest priority.**

	5	4	3	2	1	Rating Average	Response Count
Signs	<b>40.7%</b> <b>(33)</b>	18.5% (15)	24.7% (20)	4.9% (4)	11.1% (9)	3.73	81
Flower Beds	11.1% (9)	<b>34.6%</b> <b>(28)</b>	25.9% (21)	12.3% (10)	16.0% (13)	3.12	81
Road Surface	<b>80.0%</b> <b>(72)</b>	13.3% (12)	6.7% (6)	0.0% (0)	0.0% (0)	4.73	90
Landscaping	19.8% (16)	<b>34.6%</b> <b>(28)</b>	27.2% (22)	8.6% (7)	9.9% (8)	3.46	81

Please list any other projects you would like to see developed at the entrances of Michigamme.

12

**answered question**

**90**

**skipped question**

**2**

**7. For the proposed project of street scaping. Please rank each project with a priority status - 5 is highest priority while 1 is lowest priority.**

	5	4	3	2	1	Rating Average	Response Count
Streetlights	<b>41.7%</b> <b>(35)</b>	26.2% (22)	20.2% (17)	2.4% (2)	9.5% (8)	3.88	84
Sidewalks	<b>71.3%</b> <b>(62)</b>	12.6% (11)	11.5% (10)	3.4% (3)	1.1% (1)	4.49	87
Flower Boxes	9.6% (8)	<b>25.3%</b> <b>(21)</b>	<b>25.3%</b> <b>(21)</b>	15.7% (13)	24.1% (20)	2.81	83
Road Surface	<b>81.3%</b> <b>(74)</b>	13.2% (12)	5.5% (5)	0.0% (0)	0.0% (0)	4.76	91
Signs/Banners	9.6% (8)	22.9% (19)	21.7% (18)	20.5% (17)	<b>25.3%</b> <b>(21)</b>	2.71	83

Please list any other projects you would like to see developed with street scaping.

13

<b>answered question</b>	<b>91</b>
<b>skipped question</b>	<b>1</b>

**8. For the proposed projects at the Michigamme Beach/Boat Launch. Please rank each project with a priority status - 5 is highest priority while 1 is lowest priority.**

	5	4	3	2	1	Rating Average	Response Count
Boat Launch	<b>55.4%</b> <b>(46)</b>	22.9% (19)	12.0% (10)	3.6% (3)	6.0% (5)	4.18	83
Campground	<b>27.7%</b> <b>(23)</b>	22.9% (19)	<b>27.7%</b> <b>(23)</b>	8.4% (7)	13.3% (11)	3.43	83
Playground Equipment	<b>33.3%</b> <b>(28)</b>	23.8% (20)	28.6% (24)	7.1% (6)	7.1% (6)	3.69	84
Toilets	<b>65.5%</b> <b>(57)</b>	24.1% (21)	4.6% (4)	1.1% (1)	4.6% (4)	4.45	87
Shooting Range	14.6% (12)	9.8% (8)	13.4% (11)	12.2% (10)	<b>50.0%</b> <b>(41)</b>	2.27	82

Please list any other projects you would like to see developed at the Michigamme Beach/Boat Launch.

7

**answered question**

**88**

**skipped question**

**4**



**9. For other proposed projects. Please rank each project with a priority status - 5 is highest priority while 1 is lowest priority.**

	5	4	3	2	1	Rating Average	Response Count
Non-Motorized Multi-use Path	<b>28.4%</b> <b>(23)</b>	<b>28.4%</b> <b>(23)</b>	13.6% (11)	4.9% (4)	24.7% (20)	3.31	81
Parking	12.5% (10)	<b>37.5%</b> <b>(30)</b>	21.3% (17)	7.5% (6)	21.3% (17)	3.13	80
Gated Community	2.7% (2)	5.3% (4)	8.0% (6)	13.3% (10)	<b>70.7%</b> <b>(53)</b>	1.56	75
Indoor Archery Range	6.6% (5)	5.3% (4)	14.5% (11)	18.4% (14)	<b>55.3%</b> <b>(42)</b>	1.89	76
Informational Keyosk	7.7% (6)	10.3% (8)	30.8% (24)	14.1% (11)	<b>37.2%</b> <b>(29)</b>	2.37	78
Farmers Market	<b>30.5%</b> <b>(25)</b>	28.0% (23)	24.4% (20)	6.1% (5)	11.0% (9)	3.61	82
					Other (please specify)		13
					<b>answered question</b>		<b>85</b>
					<b>skipped question</b>		<b>7</b>

**10. Please list any other comments or suggestions regarding recreation in Michigamme Township here.**

	Response Count
	19
<b>answered question</b>	<b>19</b>
<b>skipped question</b>	<b>73</b>

**Q1. Are you a Michigamme Township resident? If yes, where in the township do you live? If no, where do you reside.**

1	Holli Blue Road	Jun 19, 2011 4:35 PM
2	Holli Blue Road	Jun 19, 2011 4:09 PM
3	Railroad Street	Jun 19, 2011 4:02 PM
4	Lake Street	Jun 19, 2011 3:55 PM
5	Green Road	Jun 19, 2011 3:49 PM
6	Green Road	Jun 19, 2011 3:47 PM
7	Spurr Township	Jun 19, 2011 3:45 PM
8	Spurr Township	Jun 19, 2011 3:43 PM
9	Spurr	Jun 19, 2011 3:41 PM
10	Spurr Township	Jun 19, 2011 3:38 PM
11	Humboldt	Jun 19, 2011 3:36 PM
12	Republic Township	Jun 19, 2011 3:34 PM
13	Spurr Township	Jun 19, 2011 3:30 PM
14	Cottage Lane	Jun 19, 2011 3:28 PM
15	Lake Street	Jun 19, 2011 3:23 PM
16	Main Street	Jun 19, 2011 3:21 PM
17	Red Road	Jun 19, 2011 3:19 PM
18	Spurr Township	Jun 19, 2011 3:17 PM
19	136 Main	Jun 19, 2011 3:15 PM
20	Spurr	Jun 9, 2011 7:34 AM
21	Adrian, Michigan	Jun 6, 2011 3:25 PM
22	in Michigamme village	Jun 4, 2011 7:13 PM
23	Ann Arbor, Michigan	May 29, 2011 5:31 PM
24	In City	May 20, 2011 6:20 PM
25	33 Tan Road	May 16, 2011 4:56 PM
26	Milwaukee, WI and have a camp at 3 Lakes	May 16, 2011 9:13 AM
27	Spurr township	May 12, 2011 1:55 PM
28	In town	May 11, 2011 7:23 AM

**Q1. Are you a Michigamme Township resident? If yes, where in the township do you live? If no, where do you reside.**

29	338 Main street apt 2	May 10, 2011 12:08 PM
30	No there	May 9, 2011 6:00 PM
31	Lake Street	May 9, 2011 3:12 PM
32	Ishpeming	May 9, 2011 1:32 PM
33	Marquette	May 9, 2011 7:52 AM
34	Michigamme mailing address	May 9, 2011 5:41 AM
35	Florida	May 7, 2011 10:31 AM
36	118 E. Lake St.	May 6, 2011 5:57 PM
37	Hubbell, Mi	May 6, 2011 11:20 AM
38	North Carolina	May 5, 2011 2:54 PM
39	Chicago 7 months, Michigamme 5 months	May 5, 2011 9:13 AM
40	Brown Road	May 5, 2011 5:52 AM
41	In City	May 4, 2011 7:18 PM
42	the village	May 4, 2011 7:46 AM
43	Miramar, FL	May 3, 2011 8:20 PM
44	Champion	May 3, 2011 7:46 PM
45	village of Michigamme	May 3, 2011 7:40 PM
46	maple st	May 3, 2011 5:25 PM
47	231 Railroad St.	May 3, 2011 12:48 PM
48	124 lake street	May 3, 2011 8:17 AM
49	Dallas, TX	May 3, 2011 7:48 AM
50	HCR1 BOX 960 Michigamme, Mi 49861	May 3, 2011 7:47 AM
51	village	May 3, 2011 6:17 AM
52	in town	May 3, 2011 6:05 AM
53	City of Negaunee	May 3, 2011 5:23 AM
54	154 Brown Road	May 2, 2011 4:30 PM
55	Michigamme	May 2, 2011 1:36 PM
56	Brown Rd, on Lake Michigamme	May 2, 2011 12:00 PM

**Q1. Are you a Michigamme Township resident? If yes, where in the township do you live? If no, where do you reside.**

57	294 Black Rd.	May 2, 2011 11:47 AM
58	In Town	May 2, 2011 10:31 AM
59	Gitchie Manitou Island	May 2, 2011 10:24 AM
60	Tamarack City, Osceola Township	May 2, 2011 8:01 AM
61	Sanford MI	May 2, 2011 7:45 AM
62	Osceola Township	May 2, 2011 5:41 AM
63	Spurr Township	May 2, 2011 5:13 AM
64	Humboldt	May 2, 2011 3:52 AM
65	Spurr Township	May 1, 2011 5:10 PM
66	Spurr Township, Baraga County, MI	May 1, 2011 4:37 PM
67	Negaunee, MI	May 1, 2011 4:11 PM
68	the village	May 1, 2011 3:48 PM
69	Stoney Lane	May 1, 2011 2:06 PM

**Q2. Number of persons in your household ages:**

1	one beastly cat	May 1, 2011 5:10 PM
---	-----------------	---------------------

**Q3. Does anyone in your household have a disability or require specialized recreation? If yes, please specify.**

1	Hearing and walking	Jun 19, 2011 4:24 PM
2	Arthritis	Jun 19, 2011 3:55 PM
3	Autism	May 6, 2011 11:20 AM
4	mobility issues	May 4, 2011 7:46 AM

**Q4. Which of the following activities does your family participate in or use:**

1	watch T.V.	Jun 19, 2011 3:38 PM
2	Watch T.V., Senior Activities	Jun 19, 2011 3:34 PM
3	Horseback riding Multi-use trails	Jun 19, 2011 3:32 PM
4	motorcycling, antique shopping, gardening, bird watching, travelling the backroads	May 9, 2011 1:32 PM
5	Equestrian trail rides	May 3, 2011 7:46 PM
6	cross country skiing; skeet shooting	May 3, 2011 6:17 AM

**Q5. For the proposed projects in the Michigamme Township Park, please rank each project with a priority status - 5 is the highest priority while 1 is lowest priority.**

1	The park at the end of Main Street is really an asset to the town. But with goose every place it is a health issue for children and adults. It's disgusting. One really can't take children there and let them play. Get rid of the geese!!!	Jun 19, 2011 4:35 PM
2	Swings for very young kids-bucket swings	Jun 19, 2011 3:59 PM
3	Parking lots, better snow removal	Jun 19, 2011 3:34 PM
4	For it to be sprayed for bugs/mosquitos on a frequent basis in the summer so we can enjoy the park and the Music at the park and the fireworks without so many mosquitos there. Maybe you could also screen in the pavilion for the summer?	Jun 4, 2011 7:13 PM
5	Get rid of the geese so it can be a healthy place for all to enjoy!!!!	May 16, 2011 6:56 PM
6	additional seating for events, walkway to highway, boardwalk, vending machines	May 9, 2011 1:32 PM
7	What's the point in having restrooms at the park if they cannot be used during functions, such as the Fourth of July events? Also, more sand at the beach sounds great, as long as the water is family friendly: clean of debris, glass, etc.	May 9, 2011 7:52 AM
8	Sell the park to private individual to be properly developed. Concentrate on the already existing beach/park past the cemetery, see no need for putting in docks to aid MT. Shasta. As most of the town people with children use the beach past the cemetery because it has sand and trees for shade and a boat launch and restrooms. The park at the end of town can never be dredged to remove all the debris and the cost to maintain for its use is counter productive.	May 3, 2011 5:25 PM
9	COMMENT: We have a beautiful baseball field, but it is always empty. We need to be having baseball games of any kind here to bring in more people to the community. It would raise money from the concession stand for other things. The kids in little league from Michigamme are traveling to Clarksburg to play baseball. That field is no where near as nice as ours...? We just need more things going on in the park to raise money for our town. The rummage sale went over great to pay for the steamer, why can't we do more similar things...	May 3, 2011 12:48 PM
10	Get rid of the geese	May 3, 2011 11:17 AM
11	Shade tree areas with benches.	May 3, 2011 7:47 AM
12	hockey rink/ice skating rink, using the pavilion (enclosed) in the winter as a warm up room, making use of the fire place, serving hot chocolate, etc.	May 3, 2011 6:17 AM
13	outside grills like the one at the west end of lake michigamme;	May 1, 2011 9:47 PM
14	Perhaps some sort of wind protection for the many events in the park. Keeps out the wind and the rain. Is it possible to have canvas type snap on shelters that could be attached to the shelter itself as needed.	May 1, 2011 5:10 PM
15	Better lighting in the park	May 1, 2011 4:37 PM

**Q6. For the proposed projects at the Michigamme Township entrances. Please rank each project with a priority status - 5 is highest priority while 1 is lowest priority.**

1	Street lights Stop signs bigger so people can see them	Jun 19, 2011 4:07 PM
2	Flower beds are to time consuming. Some nice landscaping with shrubs would be better.	Jun 19, 2011 3:26 PM
3	Surface the Main Street and condemn ugly old dilapidated buildings and get rid of them. They are a disgrace	Jun 9, 2011 7:34 AM
4	The entrance into the town needs to be better lit..at night you can hardly see it to turn in...also maybe a large overhead sign at the entrance (similar to what Escanaba has) by where you turn in at Schooler's would be nice there, well lit at night! There should also be better signs before Michigamme both west and east so people know to turn in to the town. Also, there are a few residences and buildings on Main Street that should be made to clean up their properties...some have junk outside of their houses which makes the town look really bad as people turn into town and see it along Main St. Right now, the main streets should be repaved ASAP..they are horrible and speak volumes as to the town being run down. It is such a beautiful little town and this gives it a bad impression.	Jun 4, 2011 7:13 PM
5	map of public spaces, bike path or walking path, informational kiosk	May 9, 2011 1:32 PM
6	The thing about flower beds is that they are just so hard to keep up. But some professional landscaping with easy-care perennial shrubs, some of which would be flowering, would be beautiful.	May 5, 2011 9:13 AM
7	enforce the blight ordinances on the west entry	May 3, 2011 4:01 PM
8	The Michigamme Song sign in memory of Cal Frisk.	May 3, 2011 12:48 PM
9	Lower maintenance seasonal flowering shrubs which would give a continuance of color.	May 3, 2011 7:47 AM
10	archway publicizing the lake as the primary attraction	May 3, 2011 6:17 AM
11	better lighting,	May 1, 2011 9:47 PM
12	A list of the events taking place each year so people can plan to attend in advance. Especially helpful for the "summer people".	May 1, 2011 5:10 PM

**Q7. For the proposed project of street scaping. Please rank each project with a priority status - 5 is highest priority while 1 is lowest priority.**

1	Streetlights are good for now. If the downtown grows, solarlights could be added (on posts or ground)	Jun 19, 2011 4:24 PM
2	Fix the streets and sidewalks before someone gets hurt and so we won't wreck our vehicles	Jun 19, 2011 3:59 PM
3	All streets need resurfacing	Jun 19, 2011 3:43 PM
4	Cut out speed bumps	Jun 19, 2011 3:38 PM
5	It would be fabulous to plant trees along Main St.which someday would grow to be large and a welcoming canopy mixed in with wonderful new street lights. Really nice street lamps along the Main Streets (Maybe Main St., Max Street and Lake St.?) would be fabulous, some towns have little cages at the base of the gas-lamp look-alike lights) making the towns to look quaint and fetching!	Jun 4, 2011 7:13 PM
6	street sweeping - keep it clean	May 9, 2011 1:32 PM
7	Ditto on the flowers, unless we would hire a full time gardener!	May 5, 2011 9:13 AM
8	enforce the blight ordinances on all lots	May 3, 2011 4:01 PM
9	The roads should be first and farmost important to fix. As all of them are extremely terrible. You can't even miss any of the bumps anymore.	May 3, 2011 12:48 PM
10	Flowering trees/bushes	May 3, 2011 7:47 AM
11	Trim bushes and trees along the walkways. Clean up the junk in all yards.	May 2, 2011 12:00 PM
12	address' on homes, owners yard/building care, vacant lots cared for better, enforcement of blight ordinance, trees trimmed from corners of lots (have to pull out past stop sign to see if traffic is coming	May 1, 2011 9:47 PM
13	Encourage citizens to clean debris in yards. Knock down abandoned buildings.	May 1, 2011 4:37 PM



**Q8. For the proposed projects at the Michigamme Beach/Boat Launch. Please rank each project with a priority status - 5 is highest priority while 1 is lowest priority.**

1	Please no shooting range-voice pollution	Jun 19, 2011 4:24 PM
2	Campground would be nice. There should be a charge and some rules posted. Who is going to "police" the campground and pay for trash pick up and campground maintenance?	May 11, 2011 7:23 AM
3	picnic areas, bonfire pit, seating near water, boardwalk	May 9, 2011 1:32 PM
4	A raft and a dock in the water for the kids. A small pavillion with picnic tables. Like Republic has at the Republic beach. There are alot of people who swim and have picnics or get together at the beach. The campground area could be bigger.	May 3, 2011 12:48 PM
5	by shooting range i assume you mean skeet shooting, which is a very good idea i think.	May 3, 2011 6:17 AM
6	i'd like to see a limit on parking campers at the camping sites (people have camped their trailer all summer & winter long so no one else can utilize the site). better lighting at the boat launch	May 1, 2011 9:47 PM
7	Where would you have a shooting range? Am quite interested in this. The sandy area directly behind the beach would be ideal. People now shoot in the various gravel pits which adds to the dumping problem. A range would also be useful before deer season for sighting in rifles.	May 1, 2011 5:10 PM

**Q9. For other proposed projects. Please rank each project with a priority status - 5 is highest priority while 1 is lowest priority.**

1	A bike trail to Van Riper would be nice.	Jun 19, 2011 4:35 PM
2	Fitness trail	Jun 19, 2011 3:59 PM
3	Screening in the pavilion or making a gazebo there along with a perennial flower garden down at the park would be lovely and may make it a "destination wedding" spot for some folks? It could be a money maker if you could then charge for outdoor weddings there along with renting the community building for the receptions in the summer.	Jun 4, 2011 7:13 PM
4	Streets Re-Surfacing A Priority Sidewalks should also be a priority	May 20, 2011 6:20 PM
5	Street Surface Improvements	May 15, 2011 7:52 PM
6	A Farmers Market would draw people into Michigamme - Great idea! It might encourage businesses to re-open. There are woods surrounding Michigamme, the path near Van Riper is for non-motorized multi-use path, is it being utilized? Parking for what? A gated community, probably not in this economy and/or area.	May 11, 2011 7:23 AM
7	I assume you mean kiosk... Ice skating rink, dirt bike track, outfitters and guide services, watercraft rentals, cross country ski trails, mid-town park, youth center	May 9, 2011 1:32 PM
8	keosk	May 5, 2011 1:29 PM
9	I don't know anything about a gated community proposal. The spelling of "keyosk" doesn't seem right. It might be "kiosk". Sorry - once a language arts teacher, always a language arts teacher.	May 5, 2011 9:13 AM
10	Laundry Mat/Car Wash	May 3, 2011 12:48 PM
11	a gated community is a terrible idea. you want to encourage visitors to michigamme, not try to keep them out. a farmers' market is a great seasonal activity. getting the state of michigan or marquette county/baraga county to put in an informational kiosk should be a high priority. a dnr post would be even better.	May 3, 2011 6:17 AM
12	cross country ski trail, ice rink, gym for weight lifting	May 1, 2011 9:47 PM
13	Encourage new business	May 1, 2011 4:37 PM

**Q10. Please list any other comments or suggestions regarding recreation in Michigamme Township here.**

1	Mt. Shasta is an important business for Michigamme. I'm sure you have observed it is mostly supported by tourists and lake folks. A nice dock would not only help Mt. Shasta, but bring tourists from Van Riper to Michigamme shops. I know Mt. Shasta has a small dock-I'm talking about a nice dock-something people could even fish off of. Put a sign up-nice sign-at the park-showing main street and the shops. This would expose more people to what is available just a short distance. Let someone try to run a shuttle service-such as a golf cart-from the park to the shops. Maybe July and 2 weeks in August. Sure is would be slow at first but, it might take off as work spreads. The alley ways could be used if people would clean up their crap. Enforce the blight ordinance that you already have. Some of the buildings on Main street give the town a black eye.	Jun 19, 2011 4:35 PM
2	Please make sure all residence people are addressed with this survey, not only summer quest. Maybe a note in the newspaper will help. Working people could pick up a survey in local businesses. Help with developing and attracting more businesses. Make it a friendly environment for businesses. Most priority is: SIDEWALK repair. Second: Communications with local downtown residents, special attention to: working people and children.	Jun 19, 2011 4:24 PM
3	Camp ground rules fine but fees for residents should be waived. We already pay taxes to maintain so we should not have to pay twice.	Jun 19, 2011 4:14 PM
4	Miniature golf course	Jun 19, 2011 3:59 PM
5	By informing all "residents" and visitors of leash laws in town for the protection of everyone. Animals should not be let loose to run in town. Possibility: Dog catcher	Jun 19, 2011 3:23 PM
6	Making the street repairs along with cosmetic repairs (planting trees and putting fabulous street lamps and flowers along Main, Max and Lake Streets where most people enter town and see town for the first time), along with a well lit entrance sign into town would help the town's appearance a lot...also more professional lit signage right before getting to Michigamme from the west and east (on US 41) is badly needed. Marquette's "Petunia Madness" has been a huge success in attracting tourism...and the revamping of their street lights has also helped the downtown area maintain a quaint village look that is very very attractive.	Jun 4, 2011 7:13 PM
7	Should get a professional soccer team there!!! Or host the Olympics!!!!	May 9, 2011 6:00 PM
8	Fix the roads	May 9, 2011 5:36 PM
9	Recreation in general has been neglected for years.When the focus to a bedroom community was taken children became an afterthought. Case in point Teen center became a museum,community building became a senior citizen center,school playground was neglected,basketball court at park became a parking lot because the rims are bent or broken what other good is it.The list could go on and on. Why try now the current administration must be grasping for straws.Seems like a desperate attempt to placate a different voting demographic when the young families have been ignored for years.	May 9, 2011 3:12 PM
10	flea markets, scavenger hunts, lighting contests, flower contests, temporary vendor space, fall color tours, wildlife/wild flower walking tours, cardio fitness strip (up school hill!) or organized fitness events, race track, horse trails, historical reenactments, outdoor theater screen, monthly entertainment guide, Michigamme Area chorus	May 9, 2011 1:32 PM

**Q10. Please list any other comments or suggestions regarding recreation in Michigamme Township here.**

11	It would be nice if the township would focus on activities for the kids. When I grew up in Michigamme, there was the teen center, Tony Jeans, clean beaches, safe playground equipment, ice skating and sledding in the winter. There are a lot of good kids that were raised in Michigamme. Provide activities for the current kids and keep them out of mischief due to boredom.	May 9, 2011 7:52 AM
12	I would think that it would be far more important to fix the roads and sidewalks, people can't walk on the sidewalk and the road is just as bad, the town has been waiting for that project to be done for over 30 years.,	May 5, 2011 1:29 PM
13	Really a shooting range at the Michigamme boat launch. A gated community, where the hell do you people think you are? What part would you gate the entrances to town? Just selected sections? Is this to keep the riff raff out or the not so sane in?	May 3, 2011 7:46 PM
14	There is really nothing for these kids that live here to do. Swim at the beach in the summer, that is about it... When I was a kid there were 2 game rooms, the field by the Michigamme Museum was flooded for an ice rink in the winter. That would be nice to have an ice rink in the winter here again. Have an open gym night or something.	May 3, 2011 12:48 PM
15	we need four season recreational activities. indoor archery would be good for those who enjoy it. sledding/cross country skiing trails is another good idea, as is turning the ball field into a hockey, skating rink in the winter. shooting competitions and archery competitons are great fall activities; atv trails for 3 seasons would also help. of course, the biggest draw for michigamme is the lake, and all boating, canoeing and kayaking activities should be the top priority i think. that includes docks, sand at the park beach, boat launches, sailing tournaments, fishing tournaments, boat races, etc.	May 3, 2011 6:17 AM
16	In any brochure please include response time for medical emergency team/closest facility available to render care.	May 3, 2011 5:23 AM
17	Get rid of the GEESE so swimmers and sunbathers don't have to deal with the green cigars and related aquatic diseases.	May 2, 2011 10:11 AM
18	I believe that Michigamme needs to be known for something. People need to think of Michigamme when they are looking for recreation and a nice community. We could really use a Bed and Breakfast. Could the DDA help someone interested in starting one? I don't know who might be interested, but it would keep people in town if there was a great location.	May 2, 2011 7:15 AM
19	Michigamme has a beautiful gym floor which remains unused for most of the year except for seasonal events. I think that this facility could be better utilized for drop in activities like basketball, volleyball, aerobics, etc. Kids need somewhere safe to play and adults need somewhere to exercise , walk or just meet to play cards, dominoes, etc. The summer long rummage sales were used to raise money for the steamer, but now that the steamer is paid for I see no need to tie up the floor for the whole summer.	May 1, 2011 5:10 PM