

Chapter 5 – Community Services and Facilities

Overview

Key factors that contribute to the quality of life of a community are the type and variety of services available to residents and visitors. While the County encompasses 565 square miles, most of the population and infrastructure is concentrated in less than a 20 square mile area in the City of Alpena and in Alpena Township. Outside the population center, the population is dispersed with scattered small densely populated pockets of people. The population distribution can challenge communities to provide desired levels of service. In the case of fire and ambulance, many rural communities work cooperatively with adjacent communities to provide essential services. Community services and facilities can be affected by natural and manmade hazard events. This chapter will identify the types, extent and location of services available to residents and businesses in Alpena County.

Utilities

The county's utility system includes private suppliers of electric, natural gas, telephone, solid waste disposal and cable television services, along with the publicly owned and operated City of Alpena and Alpena Township water and sewer systems. Many of these suppliers are faced with the task of providing services to a relatively low density, dispersed population. A list of utilities is provided in **Table 3.1**.

	COMPANY	SERVICE AREA
Natural Gas	DTE (eastern portion of county), Presque Isle Electric & Gas (western portion of county)	City of Alpena, Townships of Alpena, Green, Long Rapids and Wilson
Electricity	Alpena Power (eastern portion of county), Presque Isle Electric & Gas (western portion of county), Consumers Energy (southern portion of county)	County Wide
Telecommunications	Telephone: Frontier Wireless: Numerous providers Internet: Numerous providers	County Wide
Water & Sewer	City of Alpena	City of Alpena, Alpena Township and Wilson Township
Source: Michigan Department of Licensing & Regulatory Affairs (Public Service Commission) 2012		

Water and Sewer

Public water and sewer is available throughout the City and in portions of Alpena Township. Service has been extended west along M-32 through Wilson Township to Alpena County Regional Airport. The City of Alpena Water Filtration Plant supplies this water, and all wastewater in the public system is treated at the City of Alpena Water Recycling Plant.

Thunder Bay is the source for all public water, as there is not a water bearing formation in the area adequate to serve as a source for a municipal supply.¹ Constructed in 1905, the City of Alpena Water Filtration Plant is located on the shore of Thunder Bay at the south end of the City of Alpena. The plant draws water from Lake Huron using a primary intake that is located 2,000 feet off shore in 12 feet of water. There is a secondary intake that is 1,000 feet off shore in ten feet of water. The treatment plant has a firm capacity of 6.0 million gallons per day with a maximum daily demand of 3.99 million gallons per day. The average daily demand is 2.11 million gallons per day.

The original water recycling treatment plant became operational in 1953 and many of the treatment units remain in use today. The Alpena Water Recycling Plant serves 4,747 customers in the City of Alpena and 2,226 customers in Alpena Township. The system consists of 68.6 miles of sanitary wastewater lines and 11 lift stations. The treatment plant has an average design capacity of 5.5 million gallons per day with a maximum pumping capacity of 18 million gallons per day. The average daily treatment is 2.3 million gallons per day. In 1972, the plant was upgraded to improve pollutant removal capability. Using grant funds from the USEPA, secondary treatment was added to the facility. A biological treatment process called Activated Sludge was used to enhance removal of dissolved pollutants from the wastewater. This addition improved pollutant removal rates and the plant regularly achieves 90 to 95% pollutant removal efficiency.

Alpena Township and the City of Alpena each manage, operate and maintain the water and wastewater facilities within their boundaries. Per a 1977 agreement signed with Alpena Township, the City of Alpena provides up to 1.5 million gallons of water to the Township per day and accepts up to two million gallons of sewage per day. Data from Alpena Township Water and Waste Water Feasibility Study prepared by Wade-Trim in July of 2000 shows that the average daily water usage in the Township is approximately 600,000 gallons and the average daily wastewater flow is approximately 500,000 gallons. The Wade-Trim study calculates the average daily water demand for a residential unit is 260 gallons per day, and wastewater flow from a residential unit is 215 gallons per day.

Also per the 1977 agreement, service area boundaries were established that limited the extension of the sewer and water infrastructure. When initially established, the boundary went north to Bloom Road, East to Wessel Road, West to the Alpena Township Line and south to Partridge Point. The agreement was amended in 1998 to extend the service area to include sewer and water lines to Alpena County Regional Airport. The agreement was amended again in November 2002 to extend the service area to the south Alpena Township line. The water main was extended south along US 23 to the southern Alpena Township line in 2006. The City and Township continue negotiations for future expansion of the system into Alpena Township. The

¹ 1966 groundwater investigation conducted by W.G. Keck & Associates

remainder of the county is served by individual wells and septic tanks for which permits must be obtained from the District Health Department #4.

A Source Water Assessment² (SWA) for the Alpena water supply was prepared by the Michigan Department of Environmental Quality Drinking Water and Radiological Protection Division in November of 2000. The purpose of the Source Water Assessment was to determine the sensitivity and susceptibility of the community's drinking water. The source water area for the Alpena area intake includes 21 listed potential contamination sources, two storm sewer drainage areas, and urban and agricultural runoff from the Thunder Bay River Watershed. The study determined that the shallow, near-shore intake has a high degree of sensitivity to potential contaminants. Taking into account off shore winds and the Thunder Bay River influence, the Alpena intake is categorized as highly sensitive. However, the SWA acknowledged that, historically, the Alpena WTP has effectively treated this source water to meet drinking water standards.

The SWA included recommendations to prevent contamination of the local water supply. The study recommended that the community take steps to evaluate current and future land use in areas of highly permeable soils. In addition, the adoption of best management practices and the development of educational programs for residents helps protect the water supply.

As the areas around the county's lakes continue to be developed, problems maintaining proper levels of water quality may be created. Lakefront communities often crowd residences along their lakeshore. This type of development can directly affect the water quality due to the potential for pollutants from improperly designed or inadequately maintained septic systems. Alternative on-site systems may be appropriate in low-density or cluster lakeshore developments where soil conditions, distance between lots, or shallow bedrock make traditional septic systems or sewer excavations inappropriate. Adequately sized and properly maintained septic systems provide on-site wastewater treatment that is biologically equivalent to many centralized sewage treatment plans. Sewage disposal alternatives include biologically sound on-site disposal systems such as constructed wetlands. Other sewage disposal designs include developing a multi-jurisdictional sewer system.

Careful consideration must be given to protecting the county's water resources from the effects of residential, commercial and industrial development. Adequate drain fields and proper maintenance of septic systems are important elements in safeguarding water quality and should be closely monitored. New developments should include provisions for handling household waste efficiently and adequately. Continued growth should not be stifled by environmental restrictions. However, they must be located and designed to best fit in with the character of the county, while having a minimal impact on the area's natural resources.

Solid Waste

Alpena County is a member of the Montmorency-Oscoda-Alpena Solid Waste Management Authority (MOASWMA) The MOASWMA landfill in Montmorency County is the primary destination for the County's solid waste.

² *Source Water Assessment Report for the Alpena Water Supply, November 2000, Michigan Department of Environmental Quality.*

A recent survey of County residents indicates that 92 percent of respondents' contract with a private hauler for solid waste removal. 5.4 percent burn their solid waste and 4.3 percent haul it to the landfill themselves. 74.4 percent of respondents utilize the recycling program in Alpena County.

The Alpena Resource Recovery Program consists of the Resource Recovery Facility located on M-32 in addition to full-time drop off sites located at Long Rapids Township Hall, Maple Ridge Township Hall, Green Township Hall, Alpena Township Hall, Alpena High School, Sanborn Township Hall, Bob-Lo Store, Neiman's Family Market, and the Habitat for Humanity Restore. The Resource Recovery Facility operates six days a week and accepts electronics, household hazardous waste, paper, tin, batteries, aluminum, plastic, cardboard, garbage, construction debris, mattresses, furniture, appliances, and motor oil at variable rates. They also participate in the "Cleansweep" program sponsored by the Michigan Department of Agriculture, which is designed to encourage citizens to turn in hazardous materials. Efforts to promote recycling with the community are having positive impacts as nearly one-third (30.1%) respondents' indicated that they utilize the Resource Recovery Facility.

Transportation

Roads

Alpena County has no interstate highway, but is served by US-23, which runs along Lake Huron from Mackinaw City to Standish. M-32 runs in an east-west direction and connects Alpena with Gaylord and I-75. M-65, running north and south, bisects the western portion of the county. State and federal highways include approximately 72 miles of M-32, M-65 and US-23. The county also supports 205.5 miles of local primary roads and 454.5 miles of local secondary roads.

Each year, an assessment of all federal-aid roads within Alpena County is done by the Alpena County Road Commission, the Michigan Department of Transportation, and NEMCOG using the PASER road rating system. The Pavement Surface Evaluation and Rating (PASER) system was developed by the University of Wisconsin-Madison Transportation Information Center to be used as the State of Wisconsin's standard road rating system. PASER is a "windshield" road rating system that uses a 1 to 10 rating scale, with a value of 10 representing a new road and a value of 1 representing a failed road. Condition ratings are assigned by monitoring the type and amount of visual defects along a road segment while driving the segment. The PASER system interprets these observations into a condition rating. The State of Michigan Transportation Asset Management Council has requested that the information gathered in this survey be reported using the following categories:

PASER Rating	Prescribed Fix	Mileage	Percent of Total Miles Rated
8 - 10	Routine Maintenance	37.464	20%
5 - 7	Capital Preventive Maintenance	115.287	61%
1 - 4	Structural Improvements	35.327	19%
Source: NEMCOG			

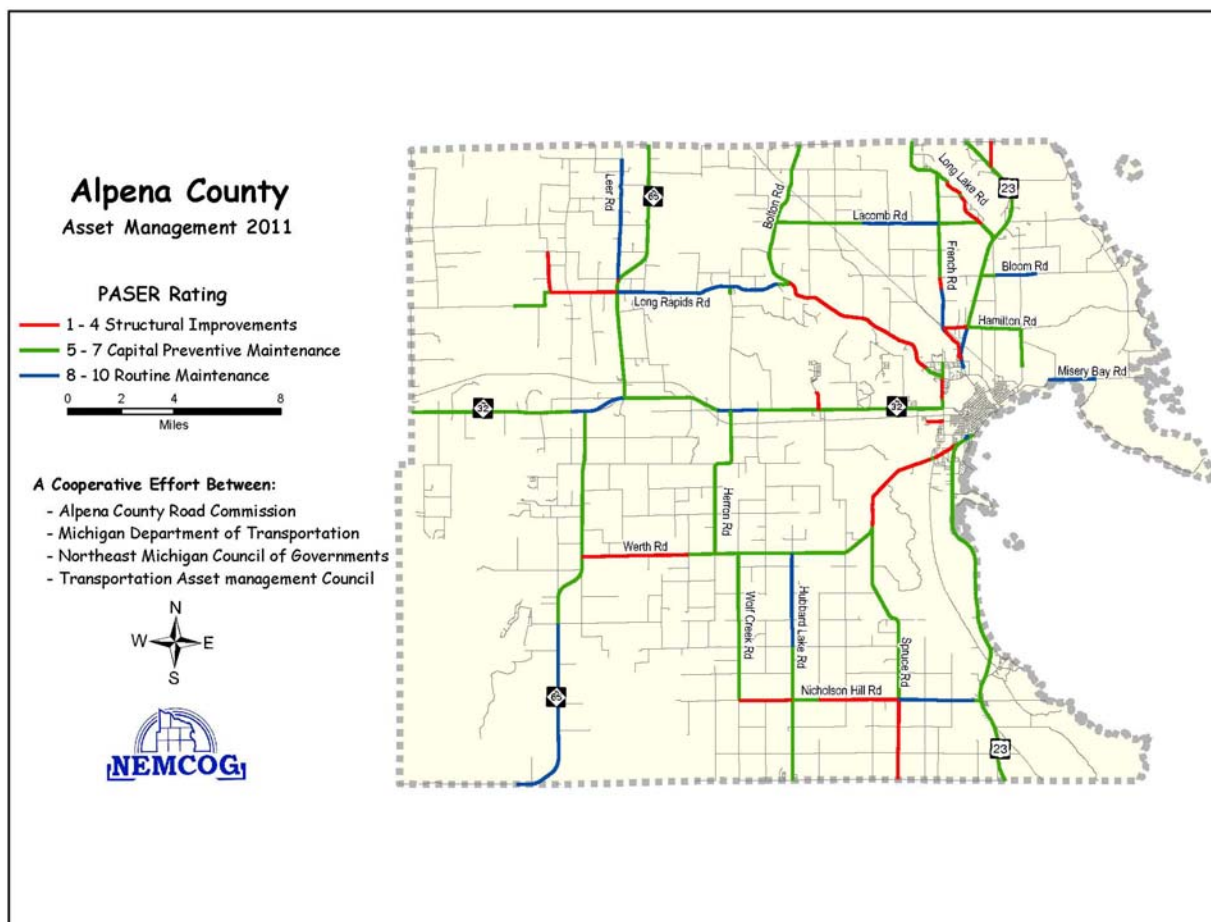
- Roads with PASER ratings of 8-10 require Routine Maintenance. Routine maintenance is the day-to-day maintenance activities that are scheduled such as

street sweeping, drainage clearing, shoulder gravel grading, and sealing cracks to prevent standing water and water penetration.

- Roads with PASER ratings of 5-7 require Capital Preventive Maintenance. Capital preventive maintenance is a planned set of cost effective treatments to an existing roadway system and its appurtenances that preserves, retards future deterioration and maintains or improves the functional condition of the system without significantly increasing structural capacity. The purpose of capital preventive maintenance fixes is to protect the pavement structures, slow the rate of pavement deterioration and/or correct pavement surface deficiencies. Surface treatments are targeted at pavement surface defects primarily caused by the environment and by pavement material deficiencies.
- Roads with PASER ratings of 1-4 require Structural Improvements. This category includes work identified as rehabilitation and reconstruction, which address the structural integrity of a road.

In 2011, a total of 188.078 miles of federal aid eligible roads were rated. **Table 5.2** and **Figure 5.1** below summarize the distribution of ratings by mileage and percentage of the total for all roads rated during the project. The City of Alpena is not included in this data.

Figure 5.1



Air Transportation

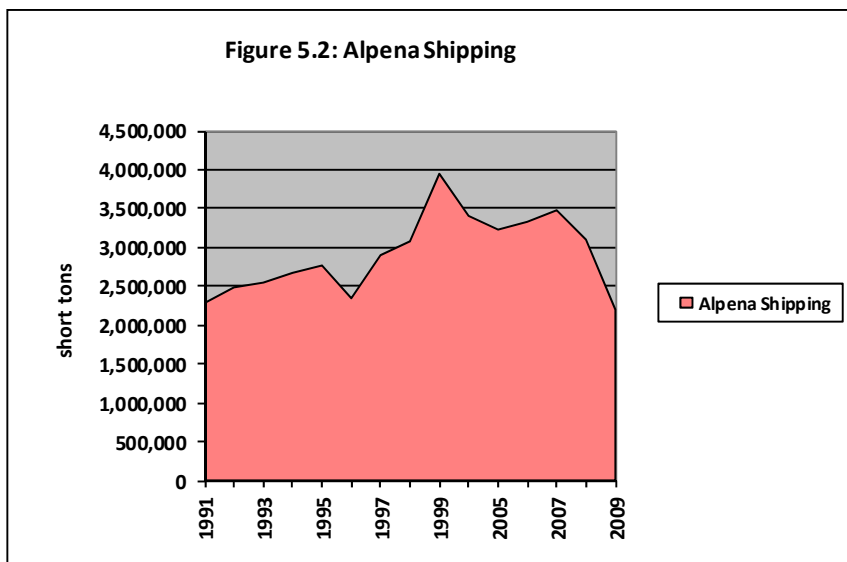
Regional air service is available at Alpena County Regional Airport (Phelps Collins), which is located in Wilson Township. The facility includes an 11,500 feet of concrete runway and state of the art communications and radar systems. The airport has the ability to accommodate any type of commercial or military aircraft and is a U.S. Customs Port of Entry. Passenger air service connecting to Detroit, Minneapolis and Flint is offered by Delta Air Lines/SkyWest and CSA Air. The airport is also home to the Combat Readiness Training Center (CRTC) of the Michigan National Guard. Charter, airfreight and medevac services, as well as flight training and aircraft rentals are available from a variety of companies.

Rail

Freight rail service is provided by Lake State Rail. It is primarily used to deliver raw materials and products to and from the industrial users in the area. No passenger service is offered. Alpena is the end of the line for the rail line and Lake State Rail has one inbound and one out bound train per day, Monday through Saturday. Although the volume of freight is expected to increase, no extension or expansion of the line is anticipated. The rail bridge over the Thunder Bay River was replaced in July 2002 using a partial loan from the Michigan Department of Transportation.

Marine Facilities

The Alpena area has two channels used for Great Lakes shipping. One is for the Port of Alpena and the other is for the Lafarge Corporation. The annual shipping season for Alpena Harbor is from mid March to mid December. Shipping has grown steadily since 1991 and peaked in 1999. In 2009, shipping was at its lowest level since 1991 (**Figure 5.2**). Cement and concrete are the major commodities being shipped out of Alpena with the major receipts being coal, lignite, crude materials, and nonmetal minerals.



The City of Alpena Marina is a full-service marina and is the only public or private marina in the area. The marina can accommodate both seasonal and transient boats, of a variety of sizes. The marina is sheltered by a breakwall and access to Lake Huron is made via the mouth of the Thunder Bay River. The City of Alpena Marina contains approximately 177 slips, with full power

and water services, launch ramps, courtesy docks, a fuel station, boater restrooms and shower facility, a fish cleaning station, a pump-out station, a marine store, maintenance facilities, and office building. Winter storage and boat launching services are also available. The City of Alpena Marina also participates in the State of Michigan Central Reservation System.

Transit

Thunder Bay Transportation Authority was formed by the City of Alpena, Alcona County and Montmorency County in 2006 to deliver the service formally provided by the Thunder Bay Transportation Corporation and City of Alpena Dial-A-Ride system.

System Characteristics

Days/Hours of Operations:	M-F 7:00 a.m. - 7:00 p.m. SAT 8:00 a.m. - 7:00 p.m. SUN 9:00 a.m. - 6:00 p.m.
Total vehicles:	35
Lift-equipped vehicles:	31
Population Served:	51,411 (Alpena, Alcona & Montmorency counties)
Employees:	55

FY 2011 System Data

Miles:	614,989
Vehicle Hours:	34,867
Passengers:	124,041
Total Eligible Expenses:	\$2,231,925

Indian Trails, Incorporated

Indian Trails provides statewide public transportation services on a daily basis. The bus route follows US-23 through Alpena County. Buses operate seven days a week, with a southbound run in the morning and northbound run in the afternoon. Buses are wheelchair lift equipped and have space set aside to accommodate wheelchairs. The Michigan Department of Transportation (MDOT) subsidizes this transportation service for areas in northern Michigan. This system serves as a daily link between select cities and allows people to travel outside the area to other parts of the state and country.

Taxi/Shuttle/Limousine Services

Demand response public transportation service is provided by private companies operating out of Alpena. A shuttle bus is provided by Holiday Inn between Alpena County Regional Airport and its lodging facility. Passenger van schedules coincide with airline arrivals and departures.

Charter/Rental bus service

Charter bus service is provided by Country Line Tours and Coastal Charters. The services provided vary by company.

Car rental

Car rental companies are located within the Alpena County Regional Airport. These companies offer local, state and national rentals.

Schools

Alpena Public Schools, which serve the entire county and a small portion of Presque Isle County, are part of the Alpena-Montmorency-Alcona Educational Service District, which includes Alpena County, Montmorency County, and Alcona County. Alpena Public Schools has a student to teacher ratio of 20.4 (up from 18.2 in 2004) has an operating expenditure of \$9,275 per student in 2010/2011. All Alpena Public Schools buildings and facilities are linked by a fiber optic network.

The number of students in the public schools has been declining over the past 30 years. From 1980 to 2000 the total number of public and parochial K-12 students in Alpena County significantly decreased. Enrollment during this period dropped by 26 percent from 7,655 students enrolled in 1980, to 5,639 enrolled in 2000. This trend downward has continued through 2010 to a low of 4,188 students. See **Table 5.3**. Four elementary schools have been closed during that time period the most recent of which are Sunset and Long Rapids. Enrollment in the area's private schools also declined between 2004 and 2010 by 23 percent from 235 to 180. Given the current age distribution in Alpena County, the downward trend in school enrollment is likely to continue. The location and enrollment of private schools in the Alpena are shown in **Table 5.4**.

Alternative educational choices are available in the Alpena area. In addition to public elementary, middle, and secondary education, Bingham Arts Academy, a no-cost charter school, opened in 2004. Another education option that has grown in popularity is home schooling. The Alpena Public School District has six elementary schools, one middle school and one secondary school.

School	School Type	Location	Enrollment 2005-2006
Besser School	Elementary	375 Wilson St – City of Alpena	442
Ella White School	Elementary	201 N. Ripley – City of Alpena	382
Hinks School	Elementary	7667 U.S. 23 N. – Alpena Twp.	263
Lincoln School	Elementary	309 W. Lake St. City of Alpena	195
Sanborn School	Elementary	12170 U.S. 23 S. Sanborn Twp.	286
Wilson School	Elementary	4999 Herron Rd. – Wilson Twp.	190
Bingham Arts Academy	Charter School	555 S. 5 th Ave. – City of Alpena	142
Thunder Bay Junior High	Middle School	3500 West Third Ave – Alpena Township	648
Alpena Senior High	Secondary	3303 South Third St. – City of Alpena	1509
Aces Academy	Alternative	700 Pinecrest Street – City of Alpena	171
Pied Piper Opportunity Center	Special Education	444 Wilson Street – City of Alpena	70
Source: National Center for Educational Statistics			

Table 5.4 Private Schools in Alpena County		
School	Location	Enrollment 2009-2010
All Saints School	205 South Ninth St. – City of Alpena	(K-6) 76
Seventh Day Adventist School	4029 US 23 –Alpena Twp.	(K- 7) 9
Immanuel Lutheran School	355 Wilson St. – City of Alpena	(PreK –8) 92
Source: National Center for Educational Statistics		

Alpena-Montmorency-Alcona Educational Service District

The Intermediate School District includes Alpena County, Montmorency County, and Alcona County. Known as the Alpena-Montmorency-Alcona Educational Service District, this agency also oversees the operation of the Pied Piper Opportunity Center located at 444 Wilson Street in the City of Alpena. They provide individualized instructional programs in personal care, independent living, language, and physical, vocational, academic and social-emotional education. Pupils are served at the center, at home, in the hospital or wherever needs are best met.

Northeast Michigan Area Vocational Technical Center

Housed by the Alpena High School, the Tech-Ed Center provides a wide range of career and technical programs to students from Alpena, Alcona, Hillman, Atlanta, Posen and Rogers City high schools and to those from the ACES Academy (see below). Adults may also participate in programs that range from studies in agri-science to computer specialists.

ACES Academy (Alternative Choices for Educational Success)

Housed in the former OxBow Elementary School in Alpena, the ACES Academy offers adult and alternative education, as well as community education programs. Its Alternative Education component serves students who have difficulty with the regular program at the Alpena High School. The Adult Education program helps adults earn a high school diploma equivalent (GED).

Alpena Community College

Alpena Community College (ACC) is a two-year institution serving the higher education needs of area residents. Alpena Community College’s main campus is located in City of Alpena. ACC offers two-year degrees, one-year certificates, and customized training. The college offers Associate in Arts, Associate in Science, Associate in Applied Science and Associate in General Studies Degrees. Additionally, the World Center for Concrete Technology has an associate degree concrete technology program and the Blockmakers Workshop program at ACC’s campus in Alpena. Alpena Community College is also a member of the Michigan Community College Virtual Learning Collaborative and offers selected courses online to students who have difficulty attending classes on campus. The Madeline Briggs University Center at Alpena Community College houses offices of accredited four-year institutions that are cooperating with ACC to make completion programs for selected bachelors and master’s degrees available in

Northeast Michigan. These institutions include Spring Arbor University, Central Michigan University, and Northwood University.

Libraries

George N. Fletcher Library

The George N. Fletcher Library is centrally located in downtown Alpena. Established in 1967, it serves Alpena County from a facility that was constructed in 1974 and fully remodeled in 1997. In 2002, the library was expanded into an adjacent building. This addition can be accessed from the second floor of the library via an enclosed walkway with surrounding windows, which afford a view of the adjacent street and plaza area below.

Library services include books, magazines, newspapers, compact discs, audiotapes, films, videocassettes and an art lending library. Inter-library loan services and computers with Internet access are available for public use. Programs are offered for both children and adults. Special services include; the READ (adult literacy program), Job Launch (resume writing, etc.), Books and Brown Bags (lunch hour book review), and the Foundation Grants Center. Authors, musicians, artists, and other specialty speakers are featured frequently. Additionally, the library has informational programs on specific topics, Internet training, and other exhibits. For children, the library offers story hours, a summer book club, and many other individual programs. Visually and physically impaired individuals can be accommodated by the library's special materials circulation.

The range of materials available at the library includes a collection of 72,000 books, 230 magazine subscriptions, 10 newspapers, 1,600 videos, 400 compact discs, 1,300 educational media, and 125 art prints. Special Collections include the Michigan Room where numerous Michigan reference materials (i.e., law, history, and environment) and general materials (i.e., industry, maritime, sports, and wildlife) are available. In addition, genealogy sources with extensive Alpena County records, as well as records from surrounding counties are also available. The Foundation Center Collection includes private & public foundations listings, grants & funding sources, and how-to books.

In 2004, the Thunder Bay National Marine Sanctuary & Underwater Preserve established an agreement with the Library to jointly manage the Thunder Bay Sanctuary Research Collection, one of the premiere collections on Great Lakes history in the world. The collection includes over 1,000 published works, 65,000 photographs, 56 linear feet of vertical files, 40 feet of periodicals, 60,000 data cards, 100 navigation charts, and 350 shipbuilding plans. Topics of the collection include wooden shipbuilding technology, Great Lakes ports and waterways, docks, cargoes, ships, shipbuilders, machinery and rigging, notable maritime personalities, and shipwrecks. A special feature of the collection is a card index listing most of the ships on the Great Lakes before the turn of the century, a roster of some 15,000 vessels, complete with descriptive data and highlights of the ships' careers and their ultimate losses. In addition to providing the historical basis for the Sanctuary's archeological research, the collection allows Great Lakes historians and Library patrons access to documents and photographs not previously available to the public. Ongoing digitization efforts will provide a comprehensive collection index and make available large portions of the collection online.

The Stephen Fletcher Library

The Stephen Fletcher Library is located on the campus of Alpena Community College. Offering a full range of library services, it is available to the public as well as to students enrolled at the college. On site computers provide library patrons with Internet access. Inter-library loans offer additional resources for research and other educational purposes.

Northland Library

The Northland Library system provides services for the blind and physically handicapped. Talking books and magazines from the Library of Congress are delivered via the U.S. Postal Service free of charge to those who are eligible for the program. Materials include cassettes, compact discs, large print, and Braille. Anyone who is unable to read standard print due to deafness, or a physical, visual, or reading disability is eligible for services.

Media

Newspaper coverage is provided by the Alpena News, the County's only local newspaper. Located in the City of Alpena, it supplies local, regional and national news to County residents. It is published six days a week. Other newspapers circulated to area readers include the Detroit News/Detroit Free Press, the Bay Times, USA Today and various advertising media.

Residents of Alpena County receive full television coverage; both network and cable stations. One station (WBKB-TV) has an office located in the county. Cable television service is available throughout much of Alpena County by "Charter" Cable company. The more rural portions of the county cannot receive cable service. A wide array of radio stations can be received throughout Alpena County. Radio stations located in the County include WATZ-AM/FM, WHSB-FM/Bay 108 and WQLB/WKJZ (B-Rock).

Medical Facilities

Alpena Regional Medical Center is a 146-bed acute care facility located in the City of Alpena. Alpena Regional Medical Center is the federally-designated rural Regional Referral Center for northeast Michigan and home to the Northeast Michigan Cancer Center. The hospital has an emergency department equipped to provide services for minor injuries and illness to trauma. Air and ambulance service is available for patients requiring care not available locally. There are two medical/surgical units that can provide care for adult and pediatric patients. Alpena Regional Medical Center and other local medical providers also offer a wide variety of specialized medical services. Examples include kidney dialysis, specialized cancer treatments, behavioral treatment, and treatments for sleep disorders, as well as other services. Alpena Regional Medical Center has a staff of nearly 100 physicians, over 900 employees, and 300 volunteers.

District Health Department #4 service area includes Alpena, Cheboygan, Montmorency and Presque Isle Counties. Services are provided through four major divisions; Personal Health Services; Home Health Services; Environmental Health Services and Health Education. Health Department offices are located in Alpena, Cheboygan, Atlanta and Rogers City.

Northeast Michigan Community Mental Health provides support services to developmentally disabled persons as well as persons needing mental health services. The Northeast Michigan Community Mental Health service area covers Alpena, Alcona, Montmorency, and Presque Isle Counties.

Public Safety

The Alpena County Sheriff's Department services those areas of the county which do not have municipal police departments. The Sheriff's Department employs 15 certified deputies (including the Sheriff, Undersheriff, and bailiffs) and 11 corrections officers. The Alpena County Jail has a capacity of 68 beds.

In 2012, the City of Alpena had 17 full-time officers to service its residents. Michigan State Police post #74 is located in the City of Alpena, and works with these agencies in patrolling the major roads within the county. In 2000, the State Police post employed 20 sworn officers including 15 certified troopers, 2 sergeants (desk duty, no patrol), 1 detective/sergeant, 1 motor carrier officer, and 1 lieutenant (Post Commander). The next closest State Police posts are located in Gaylord and Lincoln.

Two Department of Natural Resource Conservation Officers are assigned and living in Alpena County. They are certified law enforcement officers tasked, primarily, with conservation law enforcement. However, they do assist law enforcement agencies within the county on other law enforcement matters and/or investigations.

All fire departments in Alpena County have mutual aid agreements. The County has an "all encompassing:" mutual aid agreement with the adjoining counties of Iosco, Alcona, and Oscoda that provides for assistance outside the realm of normal emergency services. There are ten fire stations in the county, which are staffed with full time and volunteer firefighters. There are 20 pumpers, 12 tankers, eight rescue units, six airport special units, four boats and other miscellaneous equipment. The fire services are also the medical first responders for the City of Alpena, providing four Advanced Life Support (ALS) staffed and equipped ambulances.

The Combat Readiness Training Center (CRTC) located at the Alpena Regional Airport has a full time fire department with complete fire, rescue and HAZMAT (hazardous materials) capabilities. The CRTC also has self-contained facilities large enough to house 3,000 persons, up to a maximum of 6,000 persons under emergency conditions.

The Huron Undercover Narcotics Team (HUNT) is a multi-jurisdictional narcotics task force serving the northeast Michigan counties of Alcona, Alpena, Montmorency, and Presque Isle. The six-person team is comprised of officers from the Michigan State Police (2), the City of Alpena (1), Alpena County (1), Alcona County (1), and Presque Isle County (1), and is dedicated to reducing the trafficking and availability of narcotics in the community, as well as the associated violent crime that often accompanies narcotics activity. The team

Table 5.5 Crime in Alpena County			
	2000	2009	2010
Murder	0	2	2
Rape	13	22	13
Robbery	9	7	2
Aggravated Assault	51	53	31
Burglary	141	152	144
Larceny	536	456	524
Motor Vehicle Theft	27	15	20
Arson	9	8	5
Source: Uniform Crime Report			

was formed in 1990, and has since arrested hundreds of criminals, and removed over 4 million dollars' worth of drugs from area communities. The vast majority of the team's work is done in Alpena County, specifically in the City of Alpena, **Table 5.5**.

Early Warning & Siren Systems

There are currently four active sirens located in Alpena County. In addition two more sirens are to be installed in 2013 (**Figure 5.3**).

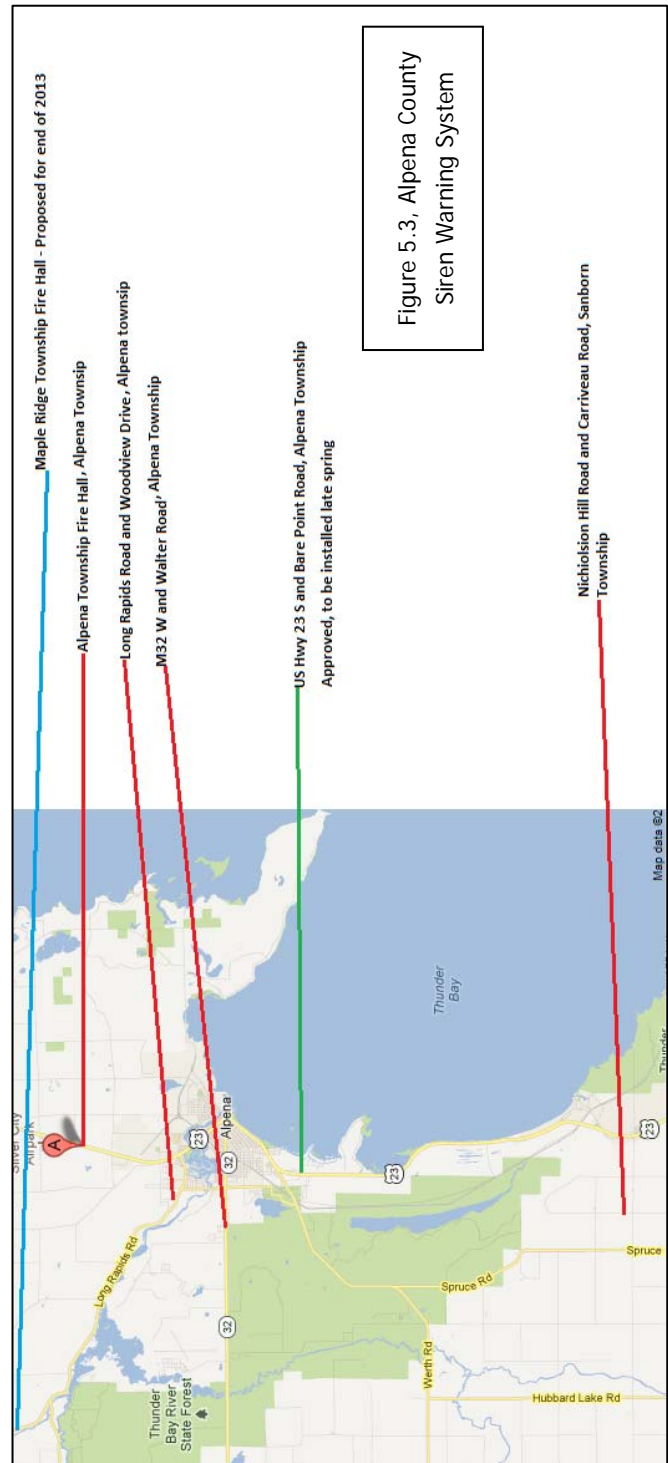
The County warning system is also integrated into the National Weather Service's NOAA Weather Radio alert system and the National Emergency Alert System. Signal coverage in Alpena County is comprehensive with the NOAA transmitter located in the County. The Emergency Alert System also broadcasts over every radio and television station in the area. The EAS is complicated by the fact that many of the county's residents receive their TV programming via satellite, which in many cases does not broadcast local information.

County Facilities

The County of Alpena owns 56 buildings throughout the county, which have an accumulative replacement value of approximately 28.5 million dollars. **Table 5.6** is a complete listing of the county-owned buildings, their insurable replacement value and acquisition cost.

Probably the most prominent and well-known building owned by the county is the Alpena County Courthouse. The 18,000 square foot building is located at 720 West Chisholm, and occupies one city block. The building houses offices of the County Clerk, Register of Deeds, Equalization, County Treasurer, Circuit Court, Commissioners Offices, County Coordinator, and MIS director.

Opened in 1937, the County Courthouse underwent extensive renovations in 2001 which included new hot water boilers, air handling equipment, central air, a new roof membrane, new carpet, furniture and some new office space. Although much of the building has been remodeled, considerable work is still needed to bring the building up to date and compliant with current ADA guidelines. A proposed addition to the building would add an elevator, and barrier free restrooms at an estimated cost of \$1.2 million.



Across the street from the County Courthouse is the Alpena County Annex Building located at 719 West Chisholm. The facility was originally built as a Boys and Girls Club in the middle 1960's. The 18,000 square foot building houses Probate Court, Family Division Court, the Commissioners' meeting room, Friend of the Court, District Court, Prosecuting Attorney, Veterans Affairs and some miscellaneous offices.

Recent renovations to the building include new entry doors, new membrane on the roof, new carpeting, and some new furniture. A new air conditioner has been installed and, as well as new heating controls. Future needs for this building include carpet, additional furniture, improved heating to the Friend of the Court, replacement of the steam boiler with standby hot water boilers, improved heat control and interior painting.

The Department of Corrections and "911" Services are located at 703 West Chisholm. This building is approximately 6,200 square feet and was constructed in the mid-1970's as a Girls' Club. The structure was originally intended to be connected with the County Annex building. The county took possession of the building in 1999 and in 2001 the Department of Correction was moved into the building and in March of 2002 "911" moved into the building. With the exception of some exterior finishes, the building is essentially new and complete.

Alpena County Sheriff Department and County Jail are located at 320 Johnson Street. The building is approximately 18,500 square feet. Originally constructed in 1957, additions to the building were completed in 1989-1990. The County Jail is in considerable disrepair and requires continual maintenance. The building is not adequate for its current use and construction professionals have determined that the building cannot be economically altered or renovated to meet the future needs of the county. If a new facility is not constructed, the county may be forced to pay other counties to house inmates in other jails.

The Family Independence Agency (FIA) building is located at 711 West Chisholm Street. The building is a 19,800 square foot single level office building, which was completed and opened in 1991. The building was constructed using bond money and is leased to the State of Michigan. The FIA building is still relatively new and due to that fact has fewer maintenance problems than other buildings in the county inventory. Short-range plans are for new carpet; long-range plans include establishing a fund for a roof replacement. Significant recreation properties owned by Alpena County include the Fairgrounds, the Plaza Pool and tennis courts, Northern Lights Arena, Beaver Lake Park/Campground, Long Lake Park/Campground, Sunken Lake Park/Campground and Manning Hill Park. Detailed information on Alpena County recreational facilities can be found in the Alpena County Recreation Plan.

Building	Replacement Value	Acquisition Cost
Court House -721 W. Chisholm	\$3,136,500	\$838,300
County Jail -320 Johnson	\$2,761,824	\$1,306,629
County Annex -719 Chisholm	\$3,219,840	\$1,375,737
Plaza Pool – 3303 Third St.	\$2,319,668	\$576,720
Fairground Residence – 625 11 th	\$68,500	\$42,400
Fairground Office	\$98,350	\$34,886
Fairground Truck Barn	\$47,424	\$18,495
Fairground Maint/rental	\$757,868	\$335,882

Fairground MSU Extension – 603 11 th	\$102,700	\$113,052
Fairground Grandstand	\$1,242,228	\$111,800
Fairground Animal Control	\$55,640	\$10,573
Fairground Draft Horse	\$76,400	\$29,811
Fairground Cattle Barn	\$193,960	\$137,711
Fairground Horse Barn	\$149,760	\$58,406
Fairground Restroom West	\$34,881	\$8,385
Fairground Swine Barn	\$160,160	\$14,414
Fairground Sheep Barn	\$97,178	\$51,059
Fairground Rabbit/Poultry	\$24,731	\$19,780
Fairground Restroom East	\$54,964	\$41,223
Fairground New Poultry	\$21,325	\$19,500
Fairground Ticket Office	\$7,200	\$600
Fairground Dugouts	\$6,300	\$1,560
MDOT – 1540 Airport	\$691,600	\$650,000
Airport Aviation North	\$618,800	\$241,332
Airport Radar	\$15,000	\$4,200
Airport Terminal	\$650,000	\$745,800
Airport Maintenance	\$182,925	\$71,340
Airport Welch Hanger	\$194,792	\$75,968
Airport Runway Lighting	\$1,025,000	\$800,000
Long Lake Residence	\$27,800	\$6,394
Long Lake Store	\$11,900	\$2,737
Long Lake Restroom	\$58,708	\$11,741
Long Lake Shower	\$65,728	\$15,117
Long Lake Pavilions	\$17,500	\$4,025
Long Lake Storage	\$6,300	\$1,449
Northern Lights Arena	\$7,000,000	\$6,000,000
Beaver Lake Residence	\$70,000	\$70,000
Beaver Lake Garage	\$7,100	\$1,633
Beaver Lake Office	\$8,200	\$7,980
Beaver Lake Shower	\$59,050	\$40,744
Beaver Lake Game Room	\$9,900	\$6,830
Beaver Lake Pavilion	\$8,900	\$4,984
Beaver Lake Storage	\$6,200	\$1,426
Sunken Lake Residence	\$94,078	\$21,638
Sunken Lake Restroom	\$58,924	\$32,998
Sunken Lake Pavilion	\$7,100	\$3,976
Sunken Lake Storage	\$6,200	\$3,472
Soil Conservation	\$82,992	\$46,475
FIA	\$1,907,630	\$1,488,908
Adult Probation	\$450,000	\$260,000
Senior Center	\$685,000	\$800,000
Sunken Lake Covered Bridge	\$65,000	\$45,000
Boys & Girls Club	\$550,000	\$407,000
Airport Equipment Storage	\$160,000	\$160,000
Source: Alpena County		

Human Service Agencies Serving Alpena County

Alpena Area Senior Citizens Center

501 River Street
Alpena, MI 49707
989-356-3585
<http://www.alpenaseniors.com/>

Alpena Volunteer Center*

665 Johnson
Alpena MI 49707
989-358-7271
<http://www.alpenacc.edu/services/volunteer/>

Alpena Youth Center

511 Long Rapids Plaza
Alpena MI 49707
989-354-3213

Alzheimer's Association*

100 Woods Circle
Alpena MI 49707
989-356-4087

Big Brother And Big Sisters

3022 US 23 South, Suite B
Alpena MI 49707
989-354-3344

Boy Scouts (Lake Huron Council)

3394 M-32 West
Alpena MI 49707
989-354-3423

Boys & Girls Club Of Alpena*

601 River
Alpena MI 49707

Catholic Human Services*

154 South Ripley Boulevard
Alpena MI 49707
989-356-6385

Child & Family Services*

1044 US 23 North, PO Box 516
Alpena MI 49707
989-356-4567
<http://www.cfsnemi.org/>

Crisis Prevention Program

2375 Gordon Rd
Alpena, MI 49707
989-471-3277

D.A.R.E.

Alpena City Police Department
501 West Chisholm
Alpena MI 49707
989-356-3371

Depressive & Manic Depressive Association*

110 Water, PO Box 715
Alpena MI 49707
354-4470

Developmentally Challenged Advocacy

148 Colorado Road
Alpena MI 49707
989-354-8873

GRASP

Grief Recovery After a Substance Passing
Partners in Prevention Office
3022 US 23 S
Alpena, MI 49707
989-356-2880
www.grasphelp.org

Habitat for Humanity

400 W Chisholm St
Alpena, MI 49707
989-354-2141
www.habitat.org

Hope House – Child & Family Services

Adolescent delinquent females (12-18)
1051 Halley Rd
Alpena, MI 49707
989-356-3224

Hospice Of Michigan – Northeastern Region

112 West Chisholm
Alpena MI 49707
354-5258

MSU Extension

603 S. 11th Ave.
Alpena MI 49707
989-354-3636

http://www.msue.msu.edu/portal/default.cfm?pageset_id=26770

Northeast Michigan Affordable Housing

123 N Second Ave, Ste 4
Alpena, MI 49707
989-356-9111

Northeast Michigan Community Mental Health

400 Johnson Street
Alpena, MI 49707
989-356-2161

Northeast Michigan Community Partnership, Inc.*

Alpena MI 49707
989-356-2880

Northeast Michigan Community Service Agency

2375 Gordon Rd.
Alpena, MI 49707
989-356-3474
www.nemsca.org

Shelter, Inc.*

3022 US 23 South, Suite D
Alpena MI 49707
989-356-6265
<http://www.shelterincalpena.org/home0.aspx>

**State Emergency Relief
Alpena County Department of Human Services**

711 W. Chisholm St
Alpena, MI 49707
989-354-7200
www.michigan.gov/dhs

Sunrise Centre*

630 Walnut
Alpena MI 49707
989-356-6649
<http://sunrisecentre.org/>

Sunrise Mission

622 W. Chisholm St
Alpena, MI 49707
989-356-1277
www.sunrisemission.com

The Salvation Army*

2323 US 23 S
Alpena MI 49707
989-358-2769
www.salvationarmyusa.org

St. Vincent De Paul

805 W. Chisholm St.
Alpena, MI 49707
989-354-3671
www.svdpusa.org

Michigan Association Of United Ways

1627 Lake Lansing Road, Suite B
Lansing MI 48912
517-371-4360
<http://www.uwmich.org/>

United Way of America

701 North Fairfax
Alexandria VA 22314-2045
703-836-7100
<http://liveunited.org/>

United Way Of Northeast Michigan*

3022 US 23 South, Suite A
Alpena MI 49707-0282
989-354-2221

*Agency covers Alpena, Alcona & Montmorency counties

1	Fire Stations
2	Schools
3	Government Buildings
4	Solid Waste Facilities
5	WWTP
6	Municipal Water Supplies
7	Police Stations
8	Medical Facilities
9	Health Dept Buildings
10	Bus Stations
11	Ports/Harbors
12	Colleges/Universities
13	DNR Offices
14	Campgrounds
15	Traffic Counts
16	Industrial Parks
17	Chambers of Commerce

Figure 5-1 Alpena County Infrastructure

