

CHAPTER 4 Utilities and Community Facilities Element

66.1001(2)(d) Wis. Stat.:

Utilities and Community Facilities element. A compilation of objectives, policies, goals, maps and programs to guide the future development of utilities and community facilities in the local governmental unit such as sanitary sewer service, storm water management, water supply, solid waste disposal, on-site wastewater treatment technologies, recycling facilities, parks, telecommunications facilities, power-generating plants and transmission lines, cemeteries, health care facilities, child care facilities and other public facilities, such as police, fire and rescue facilities, libraries, schools and other governmental facilities. The element shall describe the location, use and capacity of existing public utilities and community facilities that serve the local governmental unit, shall include an approximate timetable that forecasts the need in the local governmental unit to expand or rehabilitate existing utilities and facilities or to create new utilities and facilities and shall assess future needs for government services in the local governmental unit that are related to such utilities and facilities.

The physical well-being of the Village of Plover is dependent upon the adequacy of its public utilities and services. A safe and ample source of water, an adequate means of disposing of solid and liquid waste, and adequate supplies of energy are essential in maintaining the public health, economy and natural resource base of the Village.

Section 4.1 Public Utilities Inventory

A. Sewer Service Area Planning

The Village of Plover is located within the “Stevens Point Urban Area Sewer Service Planning” area. In the early 1980’s, Plover joined with the Villages of Whiting and Park Ridge, City of Stevens Point and surrounding Towns to draft an Urban Area Sewer Service Plan (SSA). The Plan, adopted in 1983, established policies for regulating sewer service expansions for the three communities with wastewater treatment plants (Plover, Whiting and Stevens Point). A Sewer Service Area Map was also produced which identified the geographic extent to which each community could extend sewer service for a 20-year period. In the ensuing two decades, the Village of Plover had few reasons to request expansion of its original territorial designation.

In 2004, the Village requested and received approval from the Department of Natural Resources to add approximately 800 acres to its service area to accommodate new commercial/mixed use development requests (see Figure 4.1 below). The 1983 plan document and boundary map have not been comprehensively reviewed and over-hauled since their adoption. In 2005, the Stevens Point Urban Area Sewer Service Advisory Committee, the group of local government officials appointed to assist with the administration of the document, will be drafting an update to the SSA Plan. A new sewer service boundary will be established as a part of that process. While the Village of Plover does have vacant property remaining within its original SSA boundary, new developments have been occurring in areas not anticipated for higher intensity development back in 1983. Plover will actively participate in the review and redrafting of the SSA document.

B. Wastewater Treatment Plant

The Village's wastewater treatment plant was constructed in 1973 and rebuilt in 1987. It is located on Coolidge Avenue, just south of Galecke Park (see Map 4.1). The plant underwent a major upgrade in 1999. As of 2002, the facility served a resident population of 10,855 and approximately 1,100 students and staff from school facilities.

The wastewater treatment plant is a mechanical facility with surface water discharge. Treated effluent is discharged to the Wisconsin River, approximately 1,000 feet west of the treatment plant. Sludge is aerobically digested at the plant and de-watered. The resulting sludge is land spread on agricultural lands. The wastewater treatment plant was designed for a hydraulic flow of 1.8 million gallons per day (MGD) and biological oxygen demand (BOD) of 5,300 pounds per day. Average daily flows were approximately 1.0645 MGD in 2002. The peak flow in 2002 was recorded in July, at 1.2343 MGD, which was 69 percent of the design limit. Average daily BOD loading in 2002 was 3,648 pounds. The highest monthly BOD loading for 2002 was recorded in December, at 4,477 pounds, which was 84 percent of the designed BOD loading.

The Village's 2002 Compliance Maintenance Annual Report had a score of 20 points. A score between 0 and 70 points places Plover's wastewater treatment facility in the Department of Natural Resources (DNR) voluntary range, which means that DNR actions or recommendations are unnecessary. The 2002 Compliance Maintenance Annual Report identifies that major improvements of existing facilities are not planned.

The 20-year design life of the wastewater treatment facility extends through 2018. The Village will need to address future wastewater treatment facility needs designated by land use.

B. Sewage Collection System

Plover's sewage collection system is a network of sewers used to collect liquid waste for subsequent treatment and disposal. The collection system consists of approximately 72 miles of sewer, of which the majority consists of PVC, a heavy-duty plastic. A small portion of the collection system consists of interceptor lines; there are also 11 lift stations. The sewage collection system is in good condition. All lift stations are now monitored by telemetry.

Clear water infiltration into the sewage collection system is minimal, and is attributed to manhole covers that leak when they are submerged during heavy rains or spring thaws. A sewage collection system maintenance program is in place. Grease is periodically removed from lift stations and sewer mains are cleaned on a three-year cycle.

C. Municipal Water System

The Village's drinking water supply is obtained from underground aquifers that are replenished by precipitation falling to the earth and moving through the soil. Groundwater flows to the Village wells generally from the northeast.

A public utility operates three wells, which supply the Village's water (see Map 4.2). The Village's water distribution system was initially installed between 1989 and 1991. Well number 1 is a screened well with gravel pack that is 112 feet deep and rated at 1,350 gallons per minute (GPM). Well number 2 is a screened well with gravel pack that is 122.5 feet deep and rated at 1,780 GPM. Well number 3 is 100' deep and rated at 1,500 GPM. As of August 2003, the water utility was serving approximately 3,600 residential, commercial and industrial customers and was utilizing approximately 20 percent of the total available pumping capacity of 6.5 million GPD. According to 2004 testing, the quality of the Village's municipal water supply was:

Figure 4.1 Stevens Point Urban Area Sewer Service Area Boundary (2004)

Map 4.1 Wastewater Treatment Facility and Collection Network

Map 4.2 Municipal Water System

Map 4.3 Community Facilities

pH = +7.7, 6.6 mg/liter nitrates, 206-251 mg/liter total dissolved solids, 175-330 mg/liter total hardness, and no detects of iron or manganese.

The inner, intermediate and entire recharge basin for the Village's wells were identified by Becher-Hoppe in the document entitled Wellhead Protection Plan, Village of Plover, Portage County, Wisconsin. The recharge basin (that area of the aquifer which contains all the groundwater that could eventually enter the Village's wells) was outlined by hydrogeological mapping. The recharge basin extends northeasterly, to the groundwater divide and covers more than 4,000 acres. The inner zone, that area adjacent to the water supply wells, was defined as a distance of 903 feet from the wells. This represents the distance groundwater travels in two years (as identified by Becher-Hoppe) and is recommended by Born et al (1988). The intermediate zone was defined as a distance of 4,500 feet, and is representative of a 10 year time of travel. The area identified for the intermediate zone meets the recommendations for wellhead protection area management given in Environmental Protection Agency and Wisconsin guidelines. The area located east of I-39 and within the Village's Wellhead Protection Plan should be serviced with sewer and water especially if existing septic systems occur.

Because the wells are located on the east end of the Village where there is relatively little development, overall water quality is high. The Village's Wellhead Protection Plan and Wellhead Protection Ordinance and Portage County Groundwater Management Plan should be utilized to ensure that overall water quality remains very high. The Village should explore the feasibility of implementing the following: identification of existing and potential pollution sources; implementing management practices, such as the installation of monitoring wells and implementing an underground storage tank removal program; and utilizing educational programming to aid in public understanding of groundwater protection.

D. Storm Water Drainage Facilities

The soils in Plover consist primarily of sand, which promote infiltration of storm water. As such, the Village utilizes swales and culverts to promote drainage in most locations. Exceptions to on-site drainage include a storm sewer system installed by the Wisconsin Department of Transportation along Business 51 and State Trunk Highway 54; a storm sewer system within the Crossroads Commons Development (I-39/Cty Rd HH intersection); and a storm sewer system within the Village Park at Plover Development (I-39/Cty Rd B intersection). These storm sewer systems are illustrated on Map 4.3.

Several subtle drainage ways, coupled with the areas flat topography, result in periodic storm water drainage problems during winter thaws and in the spring in the southern part of the Village. The Village has developed an open channel drainage system to facilitate storm water drainage in the southern part of the Village. Reconstruction of storm sewer as part of the State Trunk Highway 54 upgrade has also helped address storm drainage problems in the southern part of the Village.

E. Solid Waste Disposal

In November, 2003 the Village contracted with Wittenberg Disposal as part of the Portage County Solid Waste Program for solid waste and recycling services. Garbage is collected weekly (Monday thru Wednesday) and recyclables are collected every other week (on the same day as garbage pickup). Solid waste materials are deposited at the Portage County Solid Waste Facility. When the Portage County Facility closes in 2006, solid waste material will be taken to Marathon County.

The Solid Waste Facility accepts fluorescent lamps, ballasts, alkaline batteries, computer electronics and televisions for a nominal fee.

Recyclables are taken to the Portage County Materials Recycling Facility in accordance with the State Recycling Law (Wisconsin Act 335). The following materials are recycled at the Portage County Materials Recovery Facility: glass, plastic, tin, aluminum containers, corrugated cardboard, container board, office paper, newspapers, magazines, phone books.

F. Corporate Utilities

1. Natural Gas - Natural gas is available throughout the Village from the Wisconsin Public Service Corporation. Wisconsin Public Service offices are located in the Village, at 1101 Plover Road. Gas is provided to the Village via the ANR Pipeline Company.
2. Electric Power - Electricity is provided by the Wisconsin Public Service Corporation (WPS). WPS began constructing an electrical substation in 2004 on the Okray Family Farms property located south of River Drive to meet current and future electricity needs. Completion of this substation will greatly improve electric reliability within the Village of Plover. There is a need to provide additional electricity to meet the needs of anticipated population and business growth in the Village of Plover and Portage County.
3. Telephone Service - Local telephone service is provided primarily by SBC. Long distance, cellular and other specialized phone services are also available from a number of private firms. Cell tower and/or antenna facilities within the Village of Plover are located at ball diamonds along Cedar Drive, and atop the two municipal water towers (Map 4.3).
4. Cable Television - Cable television is provided by Charter Communications, which provides analog and digital cable services. In addition, Charter Pipeline provides high-speed internet access through existing cable lines.
5. Internet Service – is available to Village residents through a variety of sources.

Section 4.2 Analysis of Public Utilities Needs

To maintain the public health, economy and natural resource base of the Village, public utilities and services must be adequate for existing and planned development. While Plover should always be sympathetic to the needs of developing areas that require utility service extensions, the Village should concurrently follow a policy to prudently manage its investment in new facilities. Since development is more difficult in areas where utilities do not exist and more readily accomplished in areas where utilities are present, the construction or denial of utility service extensions can be an effective tool for controlling growth and development. From an economic standpoint, it would be wise for the Village to discourage future development in areas not served with public utilities until there is sufficient demand to warrant the additional expense that will be incurred to service these areas. This policy can best be achieved by enforcing effective zoning and subdivision regulations that conform to Comprehensive Plan recommendations.

The Land Use Element of this Comprehensive Plan identifies areas appropriate for short and long range development by utilizing projected population and land needs through the year 2020. In addition, the plan strives to protect agricultural and natural resources, and recommends phased growth to promote efficient and economical extension of public utilities and services.

Plover's public utilities and services were analyzed and the following recommendations were developed to ensure that the Village has the continuing capacity to serve existing and new

development and that public utilities are provided in areas where they can be most efficiently and economically extended:

A. Wastewater Treatment Plant

The Village's wastewater treatment plant was designed for a hydraulic flow of 1.8 million gallons per day (MGD) and biological oxygen demand (BOD) of 5,300 pounds per day. The peak flow recorded (1.234 MGD in July 2002) was 69 percent of the design limit. The highest monthly BOD loading (4,477 pounds in December 2002) was 84 percent of the designed BOD loading. These statistics suggest that the Village should be able to attain the sewage treatment plant's design year of 2018 without major expansions.

The following recommendations are offered to provide for the Village's long range sewerage treatment needs:

- Provide for the continued operation of the existing treatment plant at, or under, DNR compliance maintenance standards.
- Be aware of State mandates that are being considered and be ready to react to/establish/implement necessary measures.
- Address the issue of long term sludge storage as the need arises.
- Prior to reaching the design year of the sewage treatment plant (2018), the Village should hire an engineering consultant to prepare a Facilities 201 Plan for future sewerage treatment needs. When completed, this plan should be submitted for approval to the DNR. In conjunction with Facilities 201 Plan preparation, funding options available to the Village should be explored, including State and Federal grant and loan programs.

B. Sewage Collection System

Approximately 98 percent of the Village's sewage collection system is comprised of PVC, a heavy duty plastic. The remainder of the system consists of concrete interceptor lines. The sewage collection system is in very good condition and clear water infiltration is minimal. The Village should continue its current sewage collection system maintenance program of a three year cycle to clean sewer pipes and the periodic removal of grease from lift stations.

C. Municipal Water System

The Village's municipal water system, in its most basic form, consists of the drinking water supply which is obtained from a sand and gravel aquifer, a water distribution system and a water storage facility. To address needs relative to individual aspects of the Village's water system, recommendations are provided in three sections: 1. Water Distribution System, 2. Water Storage Capacity, and 3. Groundwater Protection.

1. Water Distribution System

As of 2003 the water utility pumped approximately 20 percent of the total available pumping capacity. Additional well locations were identified and added as the demand approached the 50 percent capacity level. The Plover Water Utility currently uses a number of computerized programs for inventory, maintenance, reading and billing purposes. The geographic information system should continue to be utilized to organize all Village facilities.

The water distribution system is operating optimally with no reported problems and is routinely commended by the Wisconsin Department of Natural Resources for maintaining a high standard in operating the water system. Because the water distribution system is relatively new and operating at a high level of efficiency, no improvements are anticipated through the planning period.

2. Water Storage Capacity

Short range improvements are not necessary. The Village added 1,000,000 gallons of water storage capacity in 2000, bringing its total storage capacity to 1,500,000 gallons.

3. Groundwater Protection

Since the vast majority of Village residents depend on a public water system, and since this system is located in a sand and gravel aquifer that is highly vulnerable to contamination from a variety of potential contaminant sources, the Village should continue its efforts to protect groundwater that flows to existing municipal wells.

The Village has established Wellhead Protection areas for well #1 and #2, which are located at the east end of Water Way and for well #3 and future well #4, which are located south of Lake Pacawa, adjacent to Pleasant Drive. Portage County has also established wellhead protection areas for the Village wells. Continued cooperation between the Village of Plover, the Towns of Plover and Stockton, and Portage County will be necessary to ensure protection of groundwater supplies.

It is possible that a new well will be needed by the end of the planning period. The new well would be located immediately north of well #3. The Village and County wellhead protection ordinances included well #4 when wellhead protection areas were identified. As such, it should not be necessary to update wellhead protection ordinances for the new well.

The Village recently has created a Source Water Assessment which identifies existing and potential pollution sources that can be found in the Village's well recharge area or may be transported through the Village along transportation routes. The Assessment should be updated as necessary, according to Wisconsin Department of Natural Resources and U.S. Environmental Protection Agency requirements. The Assessment is readily accessible in case of an emergency. Due to the sensitive information contained in this document, the information is not to be distributed to the general public.

The Village has installed monitoring wells upgradient of both well fields and will begin a monitoring program this summer. The Village should determine the need for additional monitoring wells to assure comprehensive monitoring of these areas.

While overall water quality of the Village's wells is high and the Village does not anticipate any water quality problems in the near future, the following recommendations are offered to provide for the Village's long range groundwater protections needs:

- The Village should continue to inventory and document underground storage tanks within the 2 year time of travel zone.
- The Village should explore the feasibility of acquiring and/or maintaining lands surrounding the existing well fields in order to protect well recharge areas.

- The Village should explore water conservation measures in order to shrink the total area of groundwater contribution to the wells which, in turn, would lessen the potential for negative impacts to the water supply.
- The Village should continue to utilize educational materials to inform the public of groundwater protection issues. Examples of materials and information include the following: newspaper, radio, television, presentations, exhibits, school programs, films, newsletters, reports, letters, conferences and workshops. A sample of educational materials that could be provided includes:
 1. Safe water supplies
 2. Homeowner hazardous material disposal
 3. Low nutrient lawn and garden maintenance
 4. Storage tank maintenance
 5. Use of road salt
 6. Recycling
 7. Wellhead protection
 8. Groundwater dynamics/land use relationships
 9. Zoning/applicable regulations/permitting procedures
 10. Groundwater quality/health aspects
 11. Agricultural best management practices
 12. Septic system functions, construction and maintenance/septage disposal
 13. Well testing and interpretations
 14. Examination of cross connections
- Work with Portage County and the Citizens Groundwater Advisory Committee on groundwater protection measures that are beneficial to the Village and Portage County.

D. Storm Water Drainage Facilities

To address needs relative to storm water drainage, the following recommendations should be implemented:

- The southwestern part of the Village remains susceptible to storm water drainage problems during the spring. Drainage is facilitated by an open water drainage system that was constructed in 1991, as well as drainage improvements that were installed as part of the STH 54 upgrade. The Village should monitor drainage in this area to make sure adequate drainage occurs.
- Natural drainage-ways should be protected from development to provide for the natural drainage of water and to avoid costly storm sewer or other man-made drainage devices.
- Continue the yearly inspection program for all storm sewers, drainage ways, swales and culverts in the Village.
- Review and recommend improvements to drainage requirements of the Village's Subdivision and Zoning Ordinances. Specifically, on-site and low spot drainage requirements should be studied.

E. High Groundwater Areas

High ground water areas are generally located on the southwest side of the Village and north and south of Roosevelt Drive, adjacent to Interstate highway 39. As growth in the Village continues it will see pressure to develop these areas. High ground water elevations should be taken into account when determining the types of uses that will be allowed in these areas and the type of structures to be permitted. In order to provide some safeguards for the public the Village should continue to require certified soil tests which specifically include the historical high ground water elevation in respect to final grades when land is being subdivided. This information is to be provided to potential property owners by the most effective means so that they can make informed choices concerning development in a high ground water area.

F. Solid Waste Disposal

The following recommendations are offered to provide for the Village's long range solid waste disposal needs:

- Continue to work with Portage County to design and implement a program that will best meet the Village's needs. Such a program should continue scheduled pickup/dropoff sites.
- Re-evaluate solid waste disposal services on a periodic basis to ensure that efficient, cost effective service is being provided to Village residents.
- Re-evaluate recycling services and requirements on a periodic basis to ensure State requirements are being met and that efficient, cost effective service is being provided to Village residents.
- Explore and take advantage of financial aid aspects of the program.
- Keep Village residents informed, through the Information Guide and semi-annual Village newsletter, as to current recycling policies and general information about recycling.

G. Corporate Utilities

The following recommendations are offered to provide for the Village's long range corporate utility needs:

- The Village should be actively involved in utility improvement programs proposed for the Plover area, in order to meet current needs and provide for continued growth and development. Specific projects of interest would include proposals to upgrade electrical transmission lines in the Central Wisconsin area and proposals to construct coal or gas fired power generation plant(s) in the Plover area (along STH 54, west of the Village). In addition, the Village should encourage telecommunications companies to expand fiber optics to all areas of the Village identified for commercial and/or industrial development to allow the Village to remain competitive in today's "world economy".
- Continue incorporating the location of all utilities into the Village's Geographic Information System.
- Explore updating the review and permit procedures for utility (electric, gas, cable and telephone) extensions.
- Cell phone service problems exist and need to be addressed.

- Utility easements should be provided to utility companies when necessary or advisable.
- All utilities should be considered for underground location, since overhead wires detract from the overall appearance of the Village.
- Because of the constantly changing ownership of cable television stations, along with newly evolving rules and regulations for the operation of such stations, the Village should continue to play an active role in cable television proposals that affect the Village. In addition, the Village should attempt to ensure reasonable rates are charged for services provided, quality programming is maintained, a high level of service, adequate signal strength and availability of cable to all Village residents by encouraging competition for more choices of cable providers.

Section 4.3 Community Facilities Inventory

Village of Plover residents are provided with a wide variety of community facilities and services. Local government facilities, schools and quasi-public facilities all help make the Village a more attractive community in which to live (Map 4.3).

A. Village Facilities and Services

1. Municipal Center

The Plover Municipal Center is located at 2400 Post Road, just south of Memorial Park. It houses the police and fire departments, village offices, Plover Area Business Association, a branch Wisconsin Department of Commerce office, and an activities room. The activities room contains kitchen facilities and is used as a meal site for the elderly and is used by several non-profit groups for meetings and various activities. Village voting occurs at the Municipal Center in the activities room.

2. Police and Fire Protection

In May of 1986, the Village Board formed a Police Commission to comply with State law. This Commission consists of five Village residents that are appointed by the Village President. The Commission's powers include conducting entrance examinations for employment of police and fire personnel; conducting entrance examinations for specialized or supervisory positions within the two departments; approving or disapproving appointments from entrance/promotional examinations made by the Chief's of their respective departments; appointing the chief of each department; conducting hearings on discharge or disciplinary actions within each of the departments; suing or be sued where necessary to carry out an express power or duty. The Commission also holds extra powers adopted by referendum vote. These powers allow the Commission to organize and supervise the two departments; contract for necessary equipment and apparatus and audit all departmental claims and expenses before they are paid. While the Police and Fire Commission over see day-to-day responsibilities of the Police and Fire departments the Village Board is responsible for establishing the budget for the Police and Fire departments day-to-day operations.

- a. **Police Protection** - The Village established its police department in 1975. The Police Department is located on the south side of the Plover Municipal Building, and has its own address of 2420 Post Road. As of July 2003, the Police Department consists of a Police Chief, one Captain, two Sergeants, one Corporal, one Detective, one Community Service Officer, nine Police Officers, one full time Office Manager, one

full time Office Assistant, one part time Court Officer, one Reserve-1 Officer and four Reserve-2 Officers.

The police mission revolves around the necessity of maintaining social order. To achieve this goal the Police Department combines its human resources with the newest technology. The Village is patrolled by four marked, uniform squad cars, two unmarked squad cars, 1 marked motorcycle and a crime prevention vehicle employed for various community projects. The squad cars are equipped with multi-channel radios that also have the capability to restrict communications to only law enforcement agencies. The Police Department also uses bicycle patrol for special events and neighborhood policing. Communications are further enhanced through the use of portable radios that are used by all police officers when they are out of their vehicles.

Investigations are aided by computerized records that are linked to Portage County law enforcement agencies. Information can be relayed by radio or officers can operate one of several station computers designed for their use.

The Plover Police Department has a firm commitment to provide the best service possible to all citizens, from children to the elderly. Examples of Police Department interaction within the community include presentations to school-aged children, bicycle safety programs, baseball card distribution program during the summer and counseling and/or correcting behavior when necessary. Department personnel also perform vacant home and business checks. Every officer is tasked with having a detailed knowledge of the Village and maintaining open lines of communication with its' citizenry. This allows each officer to better perform preventative patrol measures, as well as assisting them in investigating and solving those crimes that do occur.

A high level of citizen cooperation, in combination with a "Tipster" program that rewards individuals who provide information about crimes, has enabled the Police Department to solve a high percentage of crimes.

- b. Fire Protection - The fire station is located in the Plover Municipal Center, 2400 Post Road. Fire protection is provided by a 40 person paid, on-call fire department, including a full time Fire Chief and Captain.

The Village has had a First Responder program in place since 1984 which became an Emergency Medical Technician – Basic (E.M.T.-B) Level Program in June of 2003. The First Responders had approximately 500 calls in 2002.

The Village's fire equipment consists of the following (2000 inventory):

- 2000 Rescue Unit – covers the southern part of Portage County
- 1991 Ford – a quick response mini-unit for grass and forest fires with 200 gallons of water
- 1996 Class A Pumper Unit - 1,000 gallons of water/1,500 gallons per minute pump
- 1984 Class A Pumper Unit – 750 gallons of water/1,000 gallons per minute pump
- 1976 Class A Pumper Unit – 750 gallons of water/1,000 gallons per minute pump

- 1984 – 100’ Aerial Platform with pre-piped waterway and a 2,000 GPM Midship Pump with a 6.5 KW diesel generator on board
- 29 self-contained breathing apparatus cylinders
- 23 extra cylinders
- Jaws of Life for industrial, farm and car accidents
- Upgraded Hazardous Material Unit – 1994 truck with a 28 foot trailer fully equipped for hazardous material spills and items for confined space rescue.

The Village has a Class 3 Fire Insurance Bureau ranking for areas within the Village. The Village of Plover primary service area includes: the Village of Plover, the Towns of Plover and Stockton, and 12 sections in the Town of Buena Vista. The Village of Plover Fire Department has Mutual Aid Agreements with all 11 fire departments in Portage County, including the City of Stevens Point fire department, and four departments from Wood County.

Research shows a definite trend toward making volunteer fire departments into combination fire departments. This relies on a foundation of paid firefighters, supplemented by a volunteer fire suppression force. The paid staff provides training, fire prevention, administration and maintenance, as well as initial emergency response capabilities. The paid-on-call volunteers provide a supplemental fire fighting force to the paid staff.

4. Library - The Plover Library is a branch of the Portage County Public Library. The Plover Library is located at 1103 Roosevelt Drive and is open 34 hours per week from Memorial Day to Labor Day and 35 hours per week from Labor Day to Memorial Day.

Materials available for adults and young adults include fiction and non-fiction books, large print books, paperbacks, magazines and newspapers. Materials available for children include fiction and non-fiction books, board books, easy readers, picture books, cassette/book sets and toys. In addition to print materials, video tapes, cassette tapes, books on tape and compact discs are available for check out.

Equipment available for use at the library includes computers for word processing and educational/entertainment activities, an interactive computer for use with a variety of C.D’s, internet access, on line computer to access library holdings, a copy machine and a typewriter for public use.

5. Public Parking - The Village maintains a public parking area adjacent to the Towne Hall Center, along Business Highway 51. This facility offers 108 parking spaces. In addition, the Village owns and maintains a 50 stall parking area on Roosevelt Drive, immediately east of the Sky Club restaurant.

6. Community Facilities and Services Needs/Issues

To maintain its attractiveness as a residential community, the Village must continue to provide a high level of community services and facilities. The following recommendations are offered to strengthen the Village's existing facilities and services and ensure that future improvement and building programs are economical and efficient.

- a. Municipal Center The Village should continue to promote the Plover Municipal Center as a focal point for activities geared to all age groups.

b. Police Protection

- Police protection should be structured to grow with the growth of the Village to ensure adequate patrol capabilities, investigative capabilities, safety and community programs and maintain effective law enforcement capabilities as the Village grows.
- Ensure Police Department infrastructure maintains pace with advancements in technologies.

c. Fire Protection

To enhance the fire protection capabilities of the fire department, the following needs have been identified by the Village:

- Upgrade existing maps intended for Fire Protection, E.M.T.-B, ambulance services.
- Acquire a computerized system that will identify the location of, and most direct route to, a fire, E.M.S., ambulance calls, etc.
- Look to replace engine units and tanker chassis when they have reached 40-50 years of service.
- Village will need to evaluate whether expansion on the existing site or at some other location in the Village will be necessary.
- Explore the feasibility of adding an ambulance to the fire department.
- As the Village grows and more fires, rescue, EMT calls increase, the Village should consider adding full-time personnel.

d. Library

- The library roof will need to be re-shingled within the next 10 years.
- The functions and service of the library should be assessed to determine short and long range needs.
- The lower level should be made accessible to provide for the special needs of the elderly and handicapped.
- The size of this site (approximately 3.5 acres) is adequate to meet the long range expansion needs of the library.
- The Commission is assessing current needs of our library system.

e. Parking. No additional municipal parking is anticipated for the planning period.

B. School Facilities

1. Stevens Point Area Public School District

The Stevens Point Area Public School District includes the City of Stevens Point, Villages of Whiting, Plover, Park Ridge, Amherst Junction, Junction City; Towns of Linwood, Hull, Eau Pleine, Dewey, Carson, Grant, Buena Vista, Plover, Sharon, and Stockton; as well as the Wood County Towns of Milladore and Sherry.

Map 4.4 School Facilities

The Stevens Point School District is the 14th largest district in the State of Wisconsin and serves a population of approximately 50,000 and employs staff of over 900. The student enrollment for the 2003-2004 school year is approximately 7,400.

The Stevens Point School District consists of ten K-6 grade elementary schools, two 7-9 grade junior high schools, and one 10-12 grade senior high school and an alternative school. Three charter schools lie within the secondary schools. Three of the elementary schools are charter schools and three additional elementary schools have applied for charter status. In addition, the 45-acre Boston School Forest and 40 acre Halladay School Forest are educational facilities used by students for environmental education programs throughout the school year.

The Stevens Point Area Public School District covers nearly 400 square miles, so transporting students is a significant activity and expenditure. During the 2002-2003 school year, the transportation department bused nearly 7,000 students to public and private schools with a fleet of 79 districted-operated and 1 contracted buses traveling 1.2 million miles. Typically, the district's annual cost for busing is about two-thirds of the state average, with a district budget of \$2.6 million.

Plover-Whiting and Roosevelt Elementary schools lie within the boundaries of the Village of Plover. Plover-Whiting Elementary was built in 1973. Three additions have been constructed at Plover Whiting Elementary School. The most recent addition occurred in 1996, when three classrooms, storage area additions and additional remodeling occurred. The school sits on 15.56 acres of land and has a square footage of 55,435. Plover-Whiting Elementary serves approximately 389 children and employs 51 (34 classified and 17 non-classified) staff members (2003-04 school year).

Ben Franklin Junior High School is located in Stevens Point adjacent to the northern border of the Village of Whiting. It was constructed in 1968, with an elevator being added in 1986. Ben Franklin is 140,440 square feet in size, and sits on 42.25 acres of land. This junior high school serves approximately 890 students and employs 110 staff members (2003-04 school year).

Since 1996 every school and district building has had additions and/or remodeling except PJ Jacobs and the Bliss Educational Service Center (administration office building). In 1995, classrooms and the commons were added to PJ Jacobs. The Bliss Center was built in 1980 adjacent to Ben Franklin, and no additions have been constructed on this 13,431 square foot building.

School facilities are a major benefit to Village residents. School playgrounds and equipment provide a wide variety of recreational activities that supplement Village parks. The schools' organized athletic programs play an important role in the community, as a major source of recreation and as a focal point of community pride and identity.

2. Parochial School System

The Stevens Point Area Catholic Schools (SPACS) have been educating students in Portage County for the past 130 years. The schools are comprehensive with a strong emphasis on college preparation; 90% of students go on to attend post secondary school, most of which are four-year colleges and universities.

SPACS currently has six schools involved in the program: four Elementary Schools (Saint Stanislaus, grades K-2; Saint Stephen, grades 3-5; Saint Bronislava, grades preschool-5; and

Saint Joseph early childhood, preschool and year-round childcare); St. Peter Middle School, grades 6-8; and Pacelli High School, grades 9-12. For the 2003-04 school year 940 students were enrolled in SPACS, preschool through 12th grade.

St. Paul Lutheran School serves 200 students in pre-Kindergarten through eighth grade with nine full time teachers, including a Principal and Assistant Principal who also have teaching duties. The early childhood program offers classes for 3-4 and 5-year-old children not yet enrolled in kindergarten. Northland Lutheran High School, located in Mosinee, serves the central Wisconsin region.

Two other private school options are available within the Portage County Urban Area. Branch Christian School, which is affiliated with the Seventh Day Adventist Church located within the Village of Whiting, accepts students in grades one through eight. The Stevens Point Christian Academy, located just west of the city limits on Hwy 10, offers instruction for grades K through twelve.

3. Mid-State Technical College

Mid-State Technical College (MSTC) is one of 16 publicly supported colleges in the Wisconsin Technical College System. Approximately 16,000 full- and part-time students enroll annually. MSTC offers technical training in nearly 50 careers by granting one- and two-year technical diplomas and two-year associate degrees in four areas: business, health, service technologies, and technical & industrial. In addition, MSTC also awards certificates for the successful completion of a single course or a combination of courses. The Mid-State Technical College District includes full-service campuses in Marshfield, Stevens Point, and Wisconsin Rapids; a center in Adams; and several outreach sites.

4. University of Wisconsin-Stevens Point

Since 1894 when Stevens Point Normal School opened its doors to 300 students, the University of Wisconsin–Stevens Point has grown to become a major comprehensive university, with about 8,700 students enrolled. Its academic programs offer 100 choices within 51 majors and 78 minors plus 16 graduate programs. UWSP is home to four colleges (fine arts and communication, letters and science, natural resources and professional studies), and is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. In addition, the UWSP has initiated a variety of innovative, regionally, or nationally recognized programs, including the National Wellness Institute, the Center for the Small City, the Central Wisconsin Economic Research Bureau, Becoming an Outdoors Woman, Environmental Education, the American Suzuki Talent Education Center, and the UWSP International Programs.

The 400-acre main campus includes seven major buildings in addition to Old Main, UWSP's administrative building, the University Center and 13 residence halls housing approximately 3,000 students. North campus includes Schmeckle Reserve, a 225-acre nature area with a 24-acre lake, nature center and trails that are part of the 30+ mile Green Circle Trail.

The Stevens Point campus is part of the University of Wisconsin System that includes 13 four-year campuses, 13 two-year centers and the University of Wisconsin-Extension. The University of Wisconsin system represents one of the finest educational institutions in the world. Access to information and research on virtually any topic is available.

In 2004, the University of Wisconsin-Stevens Point placed among the top public universities in the Midwest. The publication U.S. News & World Report ranked UWSP number seven in

the top tier of Midwestern public master's degree-granting institutions. This was the fifth consecutive year that the university placed in the top ten. U.S. News and World Report uses several criteria in rating the campuses including academic reputation, retention, faculty, students, financial resources and alumni giving.

C. Parks and Recreation and Open Space

1. Park Facilities (Map 4.5)

- a. Easlan/Weslan Park – This is a 9-acre community park, located by Cedar Drive on the south and Weslan Drive on the north, has 200 car parking area and contains a tennis court, modular playground equipment, swing sets, monkey bars and rocking animals, 2 Little League ball diamonds, dugouts, picnic area, a combination basketball/hard surface area, a shelter house with heated rest rooms and warming house. An open ice skating rink is located in this park during the winter months as well as an outdoor lighted hockey rink with boarded sides.
- b. Forest Pines Park – A 3.6 acre park with modular play equipment with swings, and rocking animals is located on Roosevelt and Norway Pines Drive.
- c. Hoover Heights Park – This 1.3 acre park accessible via Parkdale Court remains in a natural state and has a walkway to Magnolia Drive.
- d. Iber Park – This is a 6.4 acre community park which contains a picnic area, 2 soccer fields, 3 T-ball diamonds, a shelter house with rest rooms, modular play equipment, swing set and rocking animals, irrigation and parking area. Road access is available from Burin Court. Three walk in trails are also available.
- e. Jack's Park - Access to Jack's Park is available from Monica Lane and Katherine Circle. This 3.5 acre park contains modular play equipment, swing set, rocking animals, and a combination basketball/hard surface area.
- f. Kubacki Park - Kubacki Park is a 4.6 acre park with access available from Juniper and 9th Streets. This park offers a sandlot baseball field with backstops, modular play equipment, swing set, rocking animals and a combination basketball/hard surface area.
- g. Little Plover River Park - Little Plover River Park is the Village's largest park facility, (52 acres) and offers a variety of facilities and services: Jogging and cross country ski trail, paved pedestrian/handicapped walkway, lighted tennis courts and a volley ball court, picnic area and charcoal grills, modular play equipment, swing set, toy diggers as rocking animals, Little League ball diamond, T-ball diamond, Babe Ruth diamond, bleachers, shelter house with rest rooms, training facility with batting tunnels and 108 parking stalls. There has been planting of native prairie plants throughout this park.
- h. Oak Park - Oak Park is located directly south of St. Bronislava Church, on Cleveland Avenue. This 4 acre park offers a Little League baseball diamond with bleachers, modular play equipment, swing sets, rocking animals, irrigation, and shelter house with rest rooms.
- i. Oakwood Forest Park - Oakwood Forest Park is located along Ponderosa Street. This 3 acre park offers a small picnic area, wooden modular play equipment, swing set, and rocking animals.

- j. Okray Park - Located off Evergreen and Patti Drives, this 3 acre park containing a small picnic area, 4 T-ball diamonds, wooden modular play equipment, swing set, rocking animals and portable rest rooms and a gravel parking lot.
- k. Pacawa Park – This 17 acre park includes 1 Babe Ruth ball diamond, two regulation size soccer fields, a shelter house with rest rooms, and various picnic areas.
- l. Pleasant Acres Park - Located adjacent to Porter Road and Melody Lane. This park includes a Little League ball diamond, modular play equipment, swings sets, rocking animals, climbing set, portable rest rooms and a chipped trail leaning into the park from Zblewski Dr.
- m. Plover Pines Park - Plover Pines Park, located adjacent to Nassau Boulevard. This park will remain as a natural woodlot, due to the close proximity to the railroad tracks.
- n. Springville Pond Park – This 4 acre community park abutting Springville Pond is fully developed and offers picnic areas, a shelter house with rest rooms, walkways, a pier accessible to the handicapped, underground irrigation and paved parking.
- o. Veteran’s Memorial Park – This fully-developed community park containing lighted American Legion and Little League baseball diamonds with bleachers, a full equipped concession stand with rest rooms, 3 paved parking lots a skateboard park, and fully irrigated fields.
- p. Wayside Park – The highway 54 wayside is a small rest stop with a picnic area.
- q. Worzella Pines Park – This community park located on the shores of Lake Pacawa provides a large picnic area the charcoal grills, walkways, paved boat landing, modular play equipment, swing set, rocking animals, shoreline benched and 2 T-ball diamonds. It also contains a shelter house with a large activities area, rest rooms and utility area. After January 1st of each year, information on the Worzella Pines shelter house can be obtained by calling the Village Clerk’s Office at 2400 Post Road, Plover. Reservations will only be taken in person at the village offices and the security deposit must accompany the reservation. Total fees include a \$100.00 plus tax non-refundable fee for using these facilities plus a \$100.00 deposit which is returned when the keys are turned back in at the Clerk’s Office.

Located on the island adjacent to Worzella Pines is the Korean War Memorial honoring veterans. It was placed there in 1994 by the Korean War Veterans Memorial Association of Wisconsin. This facility is maintained by the Korean War Veterans Memorial Association or the State of Wisconsin. Future improvements must be reviewed and approved by the Plover Village Board. If the Korean War Veterans Memorial Association disbands the State should be encouraged to take over the maintenance of the facility.

- r. Woyak Community Sports Complex - The Woyak Community Sports Complex is an area located south of Easlan-Weslan Park. The park is approximately 10 acres in size and includes two Little League baseball diamonds (one lighted) to accommodate boy’s Little League and girl’s softball, and a Babe Ruth/high school size lighted baseball field.

In addition, flag football athletic fields, playground equipment, and a shelter house/concessions stand with rest rooms are located within this park.

Map 4.5 Parks

- s. Hoover Avenue Multipurpose Trail - The Hoover Avenue Multipurpose Trail is part of the Green Circle Trail, a 30 mile recreational trail that encircles the Stevens Point urban area. The Hoover Avenue trail provides a route for bicyclists, joggers and walkers. This trail is heavily utilized and provides access to Lake Pacawa, Little Plover River Park and Eastlan/Weslan Park. The Hoover Avenue trail will also link with the Whiting section of the Green Circle Trail, with potential connections at Elm Street, at the north end of the Canterbury Forest Subdivision, and/or at Cty Rd HH.
- t. Galecke Park - Galecke Park is a County park located off Park Drive in the Town of Plover. This 34 acre park is embraced by 1,600 feet of the Wisconsin River. Access is available to the Biron Flowage, a 2,126 acre water body, a portion of which is in Wood County. This park features picnic facilities, motorboating, waterskiing, and fishing.
- u. Adopt-A-Park Program - The Village of Plover implemented an “Adopt-A-Park” Program beginning on April 2003, similar to the “Adopt-A-Highway” program, whereby an organization or group of neighbors accept the responsibility of picking up litter, debris, branches, sticks, etc. in one of the Village of Plover’s parks a minimum of three times per year between the months of April and November. Applications are available at the Village of Plover Municipal Building, 2400 Post Road, Plover. For more information you can call the Public Works Department at 345-5257.

2. Park, Recreation and Open Space Needs/Issues

Recreation and open space development should provide adequate facilities to meet current needs and projected growth, while conserving, protecting and improving the environmental resources of the Village and surrounding area. The Village should continue to identify and designate lands for open space and recreational use to accommodate its population. North/south and east/west arterials (Business Highway 51 and Cty Rd B/STH 54, for example) have segregated some neighborhoods from safe, convenient access to recreational opportunities. The Village should explore possible remedies to existing neighborhoods that are segregated and should utilize the site plan review process to avoid this situation when new subdivisions are proposed. There is also a need to give greater attention to several recreational pursuits which have not been typical in Plover. Such recreational activities include bicycle trails, jogging, hiking, skateboarding, boating, and generally, those increasingly popular wellness type activities. To ensure that adequate recreation and open space facilities provide for the Village's long range needs and are made accessible to all residents, the following improvements are recommended:

a. Suggested Park Facility Improvements

Iber Park. Resurface the parking lot with blacktop.

Kubacki Park. Provide for parking.

Little Plover River Park. Construct 1-2 soccer fields, a basketball court.

Oak Park. Reconstruct parking perimeter.

Oakwood Forest Park. Acquire additional land to expand park; construct basketball court.

Okray Park. Acquire additional land to expand park. Construct shelter/restrooms. Irrigation system.

Worzella Pines Park. Develop a master plan for this park that includes a trail system, signage and underground sprinklers. Explore the feasibility of a campground for this park.

Galecke Park (County park). Develop a beginner's cross-country ski trail. Control stream bank erosion.

b. Sidewalks/Multipurpose Trails

The Village of Plover should explore providing additional sidewalk/multipurpose trail facilities for Village bicyclists, joggers and walkers. Such facilities are strongly encouraged along at least one side of arterial, collectors and other locally significant streets. Links should also be established between the Hoover Avenue multipurpose trail, which is a part of the Green Circle Trail, and new sidewalks/multipurpose trails where possible. In addition, the Village should explore a sidewalk/multipurpose trail project that would connect pedestrian facilities on Tommy's Turnpike to those on Grant Avenue. This proposed trail would extend south on Okray Avenue to River Drive, then west on River Drive to Grant Avenue. This proposed trail would extend south on Okray Avenue to River Drive, then west on River Drive to Grant Avenue.

D. Other Community Facilities And Services

1. Senior Center. The activities room located within the Plover Municipal Center is used as a meal site for the elderly, and is used for other senior-related activities. The Lincoln Center in Stevens Point is also available for use by Plover seniors.
2. Cemeteries. St. Bronislava Cemetery, located to the east of St. Bronislava Church on Plover Road; Plover Cemetery, located on River Road.
3. Churches. Apostolic Bible Chapel, located on Washington Ave; St. Bronislava Church on Plover Road; Assembly of God Church, located on Hoover Avenue; Grace Baptist Church, located on Hoover Avenue; Beautiful Savior Lutheran Church, located on Maple Drive; Divine Word Lutheran Church, located on Plover Springs Drive; Good Shepherd Lutheran Church, located on Jelinski Circle; and Plover United Methodist Church, located on Plover Springs Drive; Woodlands Church, located on Hoover Avenue.
4. Health Care Facilities. The Rice Medical Center, 2401 Plover Road, offers family practice physicians, physical therapy, occupational therapy, speech therapy, and sports medicine. The Village is also home to several dentists offices, eye care providers and chiropractic clinics.
5. Child Care Facilities. There are several licensed, privately operated child care facilities located within the Village of Plover.
6. Other Community Facilities and Services Needs/Issues
 - a. The existing space within the Municipal Center has, to date, provided adequate accommodation for various community activities. However, as the Village grows, it may become necessary to construct additional facilities (e.g. community center, senior center, swimming pool, etc.) to meet the needs of the residents. The merits of such facilities should be periodically evaluated.

- b. The Village should promote the maintenance and improvement of health and medical facilities which are designed to meet the needs of Village residents.

Section 4.4 Utilities and Community Facilities Issues/Conclusions

- A. See Sections 4.2, 4.3A(6), C(2), and D(6) above.
- B. A new municipal well may be needed by the end of the planning period.
- C. Allocation of adequate land area to extend public utilities is of primary importance when projecting future land use. Plover will actively participate in the review and redrafting of the Stevens Point Urban Area Sewer Service Plan, which hasn't been updated since its adoption in 1983.

Section 4.5 Utilities and Community Facilities Goals, Objectives and Policies

A. Public Utilities

No single element of community development will have a greater impact on future growth in the Village than the availability of public utilities (water, gas, electricity, telephone, cable, sewage treatment and refuse disposal facilities), all of which are necessary to maintain a healthy environment. Properly designed public utility systems can provide maximum protection of community health and guide desirable future growth on the basis of a fair and equitable distribution of benefits and costs.

1. Goal: To provide public utilities and services in a manner that will promote efficient and orderly growth and development.
2. Objectives
 - a. Actively participate in the review and redrafting of the Sewer Service Area planning document.
 - b. Provide sanitary sewer, water and other necessary public utilities to existing and future planned development.
 - c. Encourage the provision of public utilities in areas that can be most efficiently and economically served.
 - d. Promote the extension of public utilities only in areas environmentally suitable for urban development.
 - e. Promote the fair and equitable distribution of benefits and costs for future public utility extensions.
3. Policies
 - a. Maintain and improve the wells' recharge area groundwater quality in order to protect the health, welfare and property values of Village residents and businesses.
 - b. Support and participate in local and State efforts pertaining to groundwater protection.
 - c. Utilize Village resources, including adopted planning documents and ordinances, to manage the intensity and type of land activities adjacent to the Village's wellfield, for the purpose of mitigating and/or avoiding groundwater contamination.

- d. Significant storm drainageways should be protected from development to allow natural drainage.
- e. Development at urban densities should be permitted only in areas that can be efficiently and economically served by public utility systems.
- f. A capital improvements program (Reserve Fund) should continue to be used to complement land use strategies of the Comprehensive Plan.
- g. Land developers should be responsible for the cost of providing facilities and services, in order to promote the fair and equitable distribution of costs and benefits.
- h. Provide for the short and long range sanitary sewage treatment and collection needs of the Village.
- i. Promote adequate and efficient corporate utility services (i.e. gas, electric) for Village residents, commerce and industry.
- j. Village to continue to utilize impact fees.
- k. The Village of Plover should review sewer and water rates on a regular basis to provide customers with cost effective service.

B. Community Facilities and Services

Governmental services, police and fire protection, education, and health care represent a few of the services necessary for the full development of the Village, for the fulfillment of individual potentials, and for the safeguarding of human rights and personal property.

The rate of the Village of Plover's growth should be managed to correspond to its ability to provide essential facilities and services.

1. Goal: To maintain and provide community facilities and services that will make the Village of Plover a more attractive community in which to live and work.
2. Objectives
 - a. To identify and develop the Village of Plover thus making it a more attractive community in which to work and live.
 - b. Provide adequate police and fire protection to all areas of the Village.
 - c. Promote health and medical facilities to meet the needs of all residents.
 - d. Provide a full range of governmental and social services to Village residents.
 - e. Encourage the provision of a wide variety of social, cultural and educational activities for the benefit and enjoyment of all Village residents.
3. Policies
 - a. The Village of Plover should continue to work with officials of the Stevens Point Public School District, Mid-State Technical College and the University of Wisconsin-Stevens Point to strengthen education and increase educational opportunities within the community.

- b. The Village of Plover should continue to provide fire protection services that will attain the highest levels of efficiency in providing for the safety and welfare of Village residents.
- c. Social and medical services should be provided to meet the needs of the Village.
- d. Utilize capital improvements programming (Reserve Fund) to ensure long range financial planning for anticipated public improvements.

C. Recreation and Open Space

Open space is land set aside for uses other than buildings and roads, such as park and recreation sites, areas surrounding lakes, rivers and streams and other undeveloped land. Open space areas can be used to protect diminishing natural resources, while providing for conservation, recreation and natural beauty.

A growing population, increased mobility, more leisure time and a growing interest in exercise and outdoor recreation can be expected to place greater demands on recreational facilities of the Village. The challenge will be to provide adequate recreational facilities and open space areas to serve the needs of the Village's growing population.

1. Goal: To ensure that adequate open space and recreational facilities are provided for and made accessible to all Village residents, including the preservation of unique historic and natural features.
2. Objectives
 - a. Provide a full range of recreational facilities to serve Village residents on a year-round basis.
 - b. Provide park and recreation facilities to serve all existing and future residential areas.
 - c. Encourage multi-use of park and school facilities.
 - d. Preserve structures and sites that reflect the historical and natural heritage of the area.
 - e. Utilize publicly owned land for open space needs whenever possible and cooperate with private landowners in providing public access to recreation areas.
3. Policies
 - a. A variety of outdoor recreational activities should be provided, reflecting the effective use of the Village's natural resources.
 - b. Ensure new residential neighborhoods are developed with suitable and accessible park and recreation facilities.
 - c. The Village should encourage the cooperative development of open space and recreation facilities, such as school park sites.