

6.0 UTILITIES & COMMUNITY FACILITIES

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6.0 UTILITIES & COMMUNITY FACILITIES

Introduction

Understanding the location, use and capacity of utilities and community facilities is important when planning for the future. This information, along with demographic trends and projections, provides a realistic picture of service supply and demand. The community facilities and utilities discussed in this chapter were carefully considered in the development of the *Future Land Use Maps*.

Utilities & Community Facilities Vision

In 2025, the Town of Winchester coordinates with Winnebago County, local school districts and neighboring Towns to ensure that residents have easy access to a full-range of utilities, services and facilities, including a local school. The Town strives to ensure that property taxes are minimized without jeopardizing public health and safety. Therefore, the Town seeks to improve efficiencies by pursuing shared services with neighboring communities.

Existing Utilities Inventory– Location, Use, Capacity

Wastewater Collection and Treatment¹

Portions of the Town of Winchester are served by the Larsen-Winchester Sanitary District (refer to the map on the next page). In total, the district covers approximately 323 acres, of which about 70 percent is developed. There are 285 dwelling units within the sanitary district serving a population of nearly 800. Approximately two square miles of the Town of Winchester are within the Larsen-Winchester Sanitary District Planning Area. Less than one square mile is within the actual sewer service area. Significantly more of the district is located in the Town of Winchester than the Town of Clayton (refer to map on the next page).

The Larsen-Winchester Sanitary District's Wastewater Treatment Facility (WWTF) serves the entire district. It is located ½ mile southwest of the unincorporated community of Larsen. The facility was constructed in 1981. It utilizes a lagoon system with treated effluent being discharged into the Arrowhead River (also known as the Larsen Drain). Sludge solids from the lagoon are periodically removed and spread on agricultural lands. Industrial wastes are not accepted by the plant.

The WWTF was designed for a maximum average flow of 48,300 gallons per day (.0483 mgd). The annual average flow for 2000 was 36,500 gallons per day (.0365 mgd), which was approximately 75 percent of its designed operating capacity.

¹ Information about the Larsen-Winchester Sewer Service Area is from the *Larsen-Winchester Sewer Service Area Plan*, prepared by the East Central Wisconsin Regional Planning Commission in cooperation with the State of Wisconsin Department of Natural Resources, 2002.
Town of Winchester Comprehensive Plan
Chapter 6.0 Utilities & Community Facilities Element

SSA Map from ECWRPC – 11x17 Format in Color

Available on-line at: www.eastcentralrpc.org/planning/community%20facilities/ssa_documents/maps/larwinssa.pdf

The plant has had a good record of performance given its limitations and has complied with its permit requirements.

In the Town of Winchester, the wastewater collection system consists of a series of 8-inch gravity sewers, with areas of lower topography using 4-inch and 6-inch force mains, and three separate lift stations. Wastewater from Winchester is pumped over a mile to the WWTF through a single lift station and 6-inch forcemain.

**EAST LAKE POYGAN
SANITARY DISTRICT**

The East Lake Poygan Sanitary District is currently in the planning stages. The potential district includes properties along the Shore of Lake Poygan in the Town of Wolf River, and properties in the southwest portion of the Town of Winchester.

The lift stations have the capacity and depth (for gravity flow purposes) to service additional areas of undeveloped land in the northern, southern and eastern portions of the Planning Area. However, capacity in the treatment plant has been severely limited in recent years. There is a waiting list of property owners that have requested connection to the system. The Town of Winchester supports expansion of the sanitary district to accommodate local growth.

The last facilities plan for the Larsen-Winchester Sanitary District was completed in 1984. Since that time, the district has implemented many of its recommendations. The need to initiate a new facilities planning process is evident. The district is currently considering flow calculations and design aspects in a facilities planning process. There may be need for another sanitary district within the Town in the future.

Beyond the limits of the sanitary district, on-site private individual or community wastewater systems are utilized. The Town supports the continued use of these types of private on-site facilities to handle wastewater needs in rural areas beyond the sanitary district. Furthermore, the Town supports the use of innovative treatment systems permissible through COMM 83, as approved by the Town, to accommodate development.

COMM 83

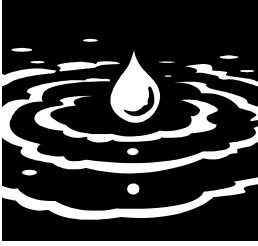
In July 2000, the Wisconsin Department of Commerce implemented an administrative rule known as COMM 83. This rule allows homebuilders to install nine new kinds of innovative septic systems. The rule allows for development in areas that cannot be served by conventional systems.

For additional information about the COMM 83 rule, go to the Department of Commerce Web Page at:

www.commerce.state.wi.us

Additional information about the nine types of innovative treatments systems is available on-line at:

www.wra.org/pdf/government/landuse/Onsite_System_Descriptions.pdf



Stormwater Management

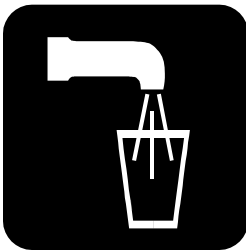
What is stormwater runoff? It is water from rainstorms or snowmelt that flows over the land rather than evaporating or soaking into the ground. Areas with more impervious surface (i.e. roads, sidewalks, rooftops and parking lots) generate more stormwater runoff.

The Town of Winchester has curb and gutters on the south side of CTH II and down portions of Steeple Hill Drive.

Open grass lined ditches slow the flow of stormwater, reduce erosion, filter pollutants, and allow infiltration of the groundwater in all other areas of the Town. As has been the tradition, the Town will continue to use open, grass lined ditches as its primary tool for stormwater control. Ditches are effective at meeting local needs and respect the rural character of the area.

Current stormwater management requirements are limited to construction sites and agricultural practices as enforced by Winnebago County. There is no stormwater management plan in place for the Town and no requirement for such a plan.

Given the agricultural and rural residential development, restricted by county zoning requirements beyond the sanitary district, existing practices will meet most future development needs. However, development in the sanitary district and development adjacent to the highway may require curb and gutter, particularly for commercial development with significant areas of impervious surface.



Water Supply

Residents and businesses in the Town receive their water from individual or shared private wells drawing from groundwater supplies. There is no municipal water service in the Town and no plans to establish such a service at this time. The Town would consider private water systems, regional water systems, or community or shared wells as the need arises.

Naturally occurring arsenic has been found in the regional aquifer. The WDNR has established an Arsenic Advisory Area that includes the Town of Winchester. The WDNR, by notice dated September 10, 2004, has ruled that all of Outagamie and Winnebago Counties are now within a new "Special Well Casing Pipe Depth Area" which requires special well construction, grouting, and disinfection standard due to the naturally occurring arsenic. This "Special Casing Depth Area" is established under the WDNR's authority provided by Section NR 812.12(3), Wisc. Admin. Code (State Private Well Construction & Pump Installation Code). These new requirements will increase well drilling costs for new development in the Town. Given this designation, concern is growing about the quality of the local water supply. The table below documents arsenic levels from well tests conducted within the Arsenic Advisory Area.

TABLE 19 TOWN WELL SAMPLING FOR ARSENIC			
Arsenic Level (parts per billion)	Town of Winchester* (2001)	Town of Clayton (2003)	Town of Winneconne* (2001)
>100	0 (0%)	0 (0%)	0(0%)
> 50	0 (0%)	1 (1.6%)	0 (0%)
> 20	2 (3.5%)	3 (4.9%)	5 (3.4%)
> 10	4 (7.0%)	12 (19.7%)	15 (10.3%)
> 5	8 (14.0%)	32 (52.5%)	27 (18.5%)
> 3	10 (17.5%)	44 (72.1%)	41 (28.1%)
< 3	47 (82.5%)	17 (27.9%)	105 (71.9%)
Total Wells Tested	57	61	146

* Data is from 2001. Winchester & Winneconne have not completed town-wide updated samples since 2001. There are a few more recent samples collected by individual property/homeowners through the WDNR. Most these have detected no or low detects consistent with the 2001 data .

Private well owners can take several steps to **reduce their exposure to arsenic**.

- First and foremost, wells should be **tested regularly** – at least once per year and anytime a change in watercolor, taste or odor is noticed.
- If the test exceeds 10 parts per billion for arsenic, water from the well should not be used for drinking or cooking.
- In these situations, residents can buy **bottled water**, **rebuild their well** to more stringent specifications than required under current well codes, or pursue a **treatment option**.

The Wisconsin Department of Commerce has approved two categories of devices for the removal of arsenic– **Point of Use (POU)** and **Point of Entry (POE)**.

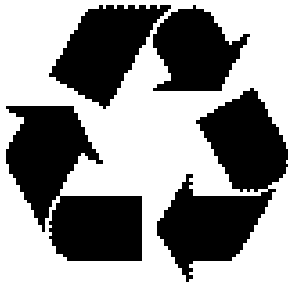
- POU devices are used to treat water at the point of use such as a single tap. Distillation units provide safe water in batches while Reverse Osmosis (RO) units can be installed on a single tap.
- POE treatment systems treat all water entering the home.

Either type of system must be properly installed and maintained to reliably remove the arsenic from drinking water.

Generally speaking, Winnebago County has an abundant and readily available supply of potable groundwater and surface water for nearly all anticipated uses. Groundwater in the county is hard to very hard and requires treatment. Dissolved iron in the groundwater is a specific problem. In general, there are few, if any, pollution problems that affect the potability of the water resources.

Conversion of rural/agricultural lands to urban uses may also impact the quality and quantity of groundwater. Groundwater recharge will decrease as areas are paved over or built upon. At the same time, withdrawal of groundwater is likely to increase for residential, commercial and industrial use. While the sanitary sewer system eliminates a major risk of contamination, urban uses such as parking lot runoff, lawn pesticides and commercial activities are still a threat to groundwater.

Continued growth in Winchester will impact groundwater resources. Short-term impacts include a reduction in the groundwater recharge areas. Long term, cumulative development impacts include the loss of baseflow in streams and enhanced stream flashiness (flooding). Moreover, as additional development occurs, more wells will be drilled. If this leads to increased air exposure naturally occurring arsenic levels could also increase. The scope of these impacts cannot be precisely determined because specific development characteristics (location, type, density) are unknown._

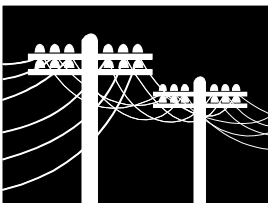


Solid Waste Disposal and Recycling

In 1989, the State of Wisconsin adopted a recycling law. Beginning in 1995, products such as newspaper, office paper, magazines and corrugated cardboard, as well as, containers made from aluminum and steel, were prohibited from being disposed of in landfills. Certain glass and plastic containers were also banned. In addition, the recycling law also prohibited landfill disposal of tires, automotive batteries, oil, appliances and yard wastes.

The Town of Winchester uses a contract hauler to provide weekly roadside waste and recycling pick-up in the Town. Town residents pay a fee for refuse collection and the Town covers the cost of recycling from the general fund.

Contracted waste hauling has been working well for the Town and the Town has no current plans to change its arrangements. The Town will periodically review its needs, but area contract haulers anticipate no problems handling the Town's waste disposal and recycling needs for the next 20 years.



Electricity and Natural Gas

Wisconsin Public Service (WPS) supplies the natural gas and electricity needs for most of the Town. WPS was formed in 1883 as the Oshkosh Gas Light Company and incorporated as Wisconsin



Public Service Corporation in 1922. Today, WPS provides electricity and natural gas to more than 400,000 customers within an 11,000 square mile, 20 county service territory, which consists of a large portion of Northeast and Central Wisconsin and a small part of Upper Michigan. WPS operates fossil, nuclear and hydroelectric generating plants to produce electricity. All WPS natural gas is purchased directly from gas producers and marketing companies.

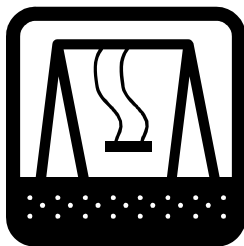
WPS presently has no plans to expand the type or level of services offered in the Town of Winchester. A major electric overhead power line (345 kV) extends from the Town of Winneconne through the southeast quarter of the Town of Winchester. The location of this power line is illustrated on the *Utilities and Community Facilities Map*.

WE Energy provides electricity to the far western portions of the Town of Winchester. The company has a long history of supplying safe, reliable and reasonably priced service to its customers. WE Energy serves more than 1 million electric customers in Wisconsin and the Upper Peninsula of Michigan. In total, WE Energy's power plants produce 6,000 megawatts of generation from coal, natural gas, nuclear, hydroelectric and renewable energy facilities. WE Energy also purchases, distributes and sells natural gas to nearly 1 million retail customers in Wisconsin, including residents of the Town. WE Energy has no plans to expand the type or level of services offered in the Town of Winchester.



There is a power shortage issue in Northeast Wisconsin given the lack of a main east-west transmission line to serve the area. Efforts are currently underway to improve the situation by developing such a line. In the interim period and beyond, natural gas-fired electric peaking plants are being used to provide energy when demands exceed local supply capacities. A peaking plant of this type exists in the Town of Neenah and another plant is being considered for development in Winnebago County, possibly in the Town of Nekimi.

Existing Facilities Inventory– Location, Use, Capacity



Parks ²

Earl Nelson Park is located on the same property as the Town Hall. Development consists of a softball field with backstop, partial sideline fencing and bleacher seating for 100; a basketball hoop, picnic area, pavilion and play apparatus (donated by the Larsen-Winchester Lions Club). The 8-acre property, which includes a small pine plantation, provides area for future development of nature trails, a second group picnic area and tennis courts.



**Earl Nelson Park Pavilion
(constructed in 1999)**

²

About six acres of open space for outdoor recreation activities is available at the Winchester Elementary School. Outdoor facilities include a variety of swings, climbers, two combination pieces, a sandbox, four basketball hoops, and a hard surfaced play area. A small backstop serves a large open play field south of the building.

Grace Lutheran Church also maintains two ballfields and two tennis courts on the west side of Steeple Hill Drive. Future plans call for lighting, restrooms, and a shelter. A parking area for approximately 30 vehicles is available on-site. Portable toilets serve as restroom facilities.

The Winchester Hills Golf Course, located at the intersection of CTH II and Steeple Hill Drive, is an 18-hole facility open to the public. It is a valued community resource, but it is privately owned. As a result, its owner will decide the future of the course.



Winchester Hills Golf Course

The National Recreation and Park Association recommends a community standard of 10 acres of local recreation land per 1,200 residents. The current population of the Town of Winchester is 1,720 persons (2003 DOA Population Estimate). To meet this standard the Town would need to provide at least 14 acres of parkland. The East Central Wisconsin Regional Planning Commission recommends 10 acres of local recreation land per 1,000 residents. Based on this standard, 17 acres of parkland should be provided. Current facilities exceed these standards. The Town will continue to provide additional parkland as needed based on future population growth.

In addition to local park facilities, residents have access to park facilities in neighboring communities and Winnebago County Park sites.

Communication Facilities

Access to communication facilities is very important in the modern economy. Several communication companies provide coverage service to Winchester. The quality of communication services depends on the capacity of the infrastructure serving the area.

Television and Radio

There are no television stations or towers located in the Town of Winchester nor are there plans to establish such facilities.

Cable television service is currently provided to portions of the Town. Many Town residents also choose satellite dish systems to obtain quality television service.

Residents of the Town of Winchester enjoy a number of different radio program formats provided by numerous area radio stations throughout Northeast Wisconsin.

Newspapers

Several local and regional newspapers serve Winchester. Below is a partial list of newspapers in circulation in the area:

- The Appleton Post Crescent (daily)
- The Oshkosh Northwestern (daily)
- The Milwaukee Journal-Sentinel (daily)
- The Winneconne News (weekly)

Local and Long Distance Telephone Service

CenturyTel is the only local telephone service provider for the Town. The town would like other providers to also serve the area to provide competitive rates and choices for residents. Residents may purchase long distance telephone service from many different providers. As a result, long distance costs remain competitive and services are regularly upgraded to reflect new technologies and services in this competitive environment. A fiber optic cable is installed along Town Line Road, CTH II and Marsh Road.

Postal Service

There is no post office in the Town of Winchester and it is unlikely that a facility will be established. The nearest post office is located in Larsen.

Internet

The Town of Winchester has an interactive Internet website (www.townofwinchester.info). DSL service is available to Town residents living within a 3-mile radius of the CenturyTel Office (located on CTH II).



As Internet access, speed, and connection services increase, the Internet will likely gain significance in the personal and professional lives of local residents. The Town of Winchester has poised itself to take advantage of this opportunity and is dedicated to continued maintenance and improvement of its website.

Cellular/PCS Towers

The advent of advanced communication technologies, such as cell phones, has greatly increased the need for towers to provide receiving and sending capabilities. The federal government formally recognized this need by the passage of the Federal Telecommunications Act of 1996.

The Federal Telecommunications Act of 1996 increased the need for many local governments to examine their zoning ordinances to make sure that they do not discriminate against cellular communications in land use and zoning decisions. Under Section 704 of the act, cities, villages and townships have the power to regulate the placement, construction and modification of personal wireless facilities, as long as the rules do not unreasonably discriminate between providers or prohibit service.

Currently, there are two towers Alltel cellular tower located east of Sandpit Road and a Sprint tower located at the NW intersection of USH 45 and County Road II. Town residents also have cellular service coverage from towers located elsewhere in the region. The Alltel Tower is over 200 feet tall and is lighted.

*Town of Winchester Comprehensive Plan
Chapter 6.0 Utilities & Community Facilities Element*

“Stealth” tower technologies are an exciting way to *minimize* the impact of towers. As opposed to traditional towers, stealth towers place antenna on:

- flagpoles
- fence posts
- silos
- water towers
- electrical poles
- streetlights
- church steeples, etc.

These alternative locations are not perfect in every situation. The Town should continue to explore these potential technologies as cellular and tower demand increases in the area.

Requests for additional towers require zoning approval. Now that the highway corridor is completed, it is very likely that additional requests will be forwarded to the Town for cellular towers to increase coverage around the highway corridors.

Future Tower Needs. Unfortunately, it is not possible to develop a map of specific locations to site towers in the Town, because networks provided by different carriers have different location requirements for towers. Moreover, as technologies change and new licenses are granted for additional carriers to move into the area, locations identified on a map would quickly become outdated. Currently, there are seven carriers licensed to provide cellular service in Eastern Wisconsin.

There are two “schools” of thought on **tower height and location.**

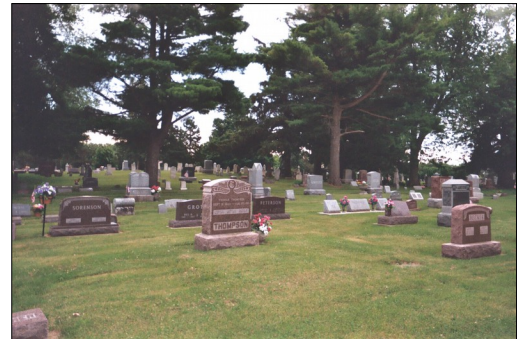
- The use of *several shorter* towers
- The use of *fewer taller* towers

Each of these approaches can provide adequate coverage within a community. The Town should decide which “school” is appropriate for the community.

Cemeteries³

Often overlooked, cemeteries are also considered community facilities. Currently, there are five cemeteries in the Town of Winchester (See Utilities and Community Facilities Map).

Grace Lutheran Church Cemetery. This cemetery is located off Steeple Hill Drive. There are 3,452 burial sites, with approximately 2,000 sites available.



Grace Lutheran Church Cemetery

St. Peter’s Evangelical Lutheran Cemetery (NOT PICTURED) is located on CTH MM. In 1961, the cemetery tripled in size when a second acre was acquired. In 1982, the cemetery began occupying space in the last available ½ acre. There are no plans for additional expansion.

Winchester Township Cemeteries

St. John’s/Johannes’ Cemetery (NOT PICTURED). Located east of Maple Lane, this small cemetery once stood behind St. John’s Church, but the church has been gone for almost 50-years. The cemetery is still active with the most recent burial occurring in 2001.



Oak Grove Cemetery. This cemetery is located on the north side of Grandview Road,



St. Peter’s Cemetery/Winchester Township Cemetery

³ The source for much of this information is the *History of the Town of Winchester 1852 to 2002.*

west of STH 45. It began as a private burial ground for James H. Jones, but was turned over to the Town in 1869. Burial sites are still available.

St. Peter's Cemetery. This cemetery is located on the corner of CTH MM and CTH II.

Given historical plot demands, it is anticipated that local cemeteries will have space to meet local needs for at least the next 20 years.



Health Care Facilities

There are no health care facilities located in the Town of Winchester. However, given the Town of Winchester's proximity to Oshkosh, the Fox Cities and Waupaca, residents have close access to primary and advanced specialty health care facilities. The population of Winchester is not large enough to support its own hospital, primary care, or clinic facility at this time.

In the future, with the highway corridor now completed, it may be more feasible for a physician or dentist to open a small practice in the community. Success would depend upon local patients from Winchester and surrounding Towns.

Childcare Facilities

According to the 2000 U.S. Census of the Town's 1,676 residents, 26.3 percent are under the age of 18. This is a significant portion of the local population that has particular service demands (i.e. schools, parks, child care facilities). At this time, there is one commercial childcare facility, Small Wonders, located in the Town. Small Wonders is located at 8396 Steeple Hill Drive. The facility rents space from the Grace Lutheran Church. Small Wonders is licensed to care for up to 40 children between the ages of 6 weeks and 12 years old. The facility is currently operating at capacity and there is a 2-year waiting list. Small Wonders has no plans to expand its operation. Town residents also have informal networks of childcare (i.e. family or friends) and some residents provide childcare services from their homes.

Opportunities may arise to coordinate with the Winchester Elementary School to provide after school or summer care programs for local children.

Commercial childcare centers are a short drive away in communities like Neenah, Winneconne and Oshkosh.

Senior Care Facilities

According to the 2000 U.S. Census, 194 people (11.6%) living in the Town of Winchester were age 65 or over.

The Henrietta Foundation is a benevolent 10-unit retirement apartment building. Constructed in 1982, the facility provides a housing choice for seniors.



Henrietta Foundation
5300 Ann Street

Seniors in the Town live independently and find assistance from family members, friends, and neighbors. There are programs serving Winnebago County that provide additional services and opportunities for older persons. Most notably, the Winnebago County Elderly Services provides meal programs (i.e. meals on wheels), transportation services (i.e. dial-a-ride to doctor and other appointments and errands), programs to help with chores and home care, and a benefits specialist program for seniors having problems with private or government benefits such as Medicare and Social Security. Private home health care and the Valley Visiting Nurses Association (out of Neenah) also provide assistance to seniors in need. These programs provide medical care, personal care, house-keeping and companionship. Registered Nurses, LPNs, Home Health Aides, and homemaker/companions are available through the association. These programs provide vital services that make independent living possible.

If a senior living in the Town of Winchester is unable to live independently, he or she can find quality assisted living and nursing homes in other nearby communities. Available space and waiting lists depend on the location and cost of the facility and can fluctuate regularly.



Police Protection

The Town of Winchester does not have a police station or its own police department. The Winnebago County Sheriff's Office (WISO) provides police protection services to the Town. WISO is located at 4311 Jackson Street in the City of Oshkosh on Hwy 76. WISO provides 24-hour primary emergency response service.

In total, the department has 87 sworn personnel and a fleet of 25 patrol cars. WISO minimum staffing requirements on the day shift is four patrol officers and one supervisor. The standard is the same for the night shift. On weekends (Friday and Saturday), an additional patrol officer is added to each shift. Response times for calls to the town of Winchester depend on where the nearest cruiser is located and how busy the force is at that moment. Generally, response times range between 7 and 10 minutes.

National standards for police protection generally recommend one officer for every 2,600 persons. WISO serves a population base of approximately 50,000 people with a sworn staff of 87. As a result, the officer to citizen ratio is approximately 1:574, which meets the national standard. The standard does not provide a guideline for on-duty officers in comparison to the total population. The actual on-duty ratio of protection is 1:10,000 Sunday - Thursday and 1:8,333 on Fridays and Saturdays.

WISO also maintains 911 emergency response services throughout Winnebago County. There are currently 31 full-time telecommunicators and one communications manager in

this division. The 911 Communications Center is staffed 24 hours a day, 365 days a year. There are three shifts per day with five or six employees on duty each shift. The employees are responsible for answering 911 calls for the entire county of Winnebago.

WISO recently completed a new jail facility at the intersection of Jackson Street and Y in the City of Oshkosh. The facility has a capacity to serve 285 inmates (males, females and work release). The facility is expected to meet local needs for at least the next 10 years and probably more. The building was designed in such a manner that additional capacity can be easily added.

The Winnebago County Sheriff's Office also has an active Snowmobile/ATV Enforcement Program. Officers of the Sheriff's Office patrol frozen waterways and snowmobile trail systems of the county and enforce all laws pertaining to snowmobiles and ATV's. ATV's are not allowed on the county trail system but are allowed on frozen bodies of water. The Sheriff's Office has three ATV's and leases four snowmobiles for the enforcement of this program.



Fire Protection

The Clayton-Winchester Fire Department was established in 1945. This department has approximately 40 on-call volunteer firefighters to respond to resident needs in the Town of Winchester and Clayton (72 square miles). The department participates in a county-wide mutual aid agreement. Should the need arise, the agreement allows the department to call additional service from neighboring communities.

The department has two fire stations. One is located in Larsen and the other is located on Park Way in Winchester (part of the Town Hall building). The fire department provides 911-based emergency service. The response time within the Town of Winchester varies depending on the location of the call and the time of day. For each call there are four times reported:



Winchester Fire Station

1. **Dispatch Time** – the time a call is made to the department.
2. **In-Route Time** – the time between the point of the dispatch call to a vehicle leaving the station to respond. In-route times average two minutes.
3. **On-Scene Time** – is the travel time to arrive at the scene of the call. This will vary depending on the location of the call.
4. **Clear Time** – is the time reported when the department is leaving the scene to return to the station.

Each of these times, for every dispatch call, is recorded by the department for record-keeping purposes. It is anticipated that the new HWY 10 and 45 corridors will increase the number of annual calls.

The department has a variety of specialized equipment to meet both fire and first-responder service needs, including:

A 1979 Ford Tanker Truck with a 500 GPM pump that carries 3,000 gallons of water. The vehicle responds to all situations where large amounts of water are required and is shuttled to and from the water source. This truck is frequently dispatched to mutual aid situations.

A 2000 Sterling Tanker unit that has a 500 GPM pump. This unit carries 4,000 gallons of water. two additional 3000-gallon collapsible tanks are carried on top of the tanker. SCBA units, hydrant kits, hoses and misc. equipment are also carried.

A 1995 Ford Engine with Tandem Chassis equipped with a 1,250 GPM pump, 2,000-gallon water supply, foam system, 24 foot and 35 foot extension ladders. 3,000-gallon collapsible tank, and a 5" large diameter hose. The truck also has a portable generator and lights, SCBAs, fire extinguishers, nozzles and other miscellaneous equipment. This truck is kept at the Larsen Station.

A 1990 Ford Engine with Tandem Chassis equipped with a 1,250 GPM pump, 2,000 gallon water supply, foam system, 24 foot and 35 foot extension ladders. 3,000-gallon collapsible tank, and a 5" large diameter hose. The truck also has a portable generator and lights, SCBAs, fire extinguishers, nozzles and other miscellaneous equipment. This truck is kept at the Winchester station.

1975 GMC 4 Wheel Drive Truck for fighting grass fires. Responds to spills and fluid leaks with oil dry.

A 1997 Ford F-450 Truck with flat bed rack to haul the Department's 6-wheel drive all terrain vehicle truck to fight grass and swamp fires. This unit also carries Jaws of Life, misc. rescue equipment and fire related tools.

A 1987 Chevrolet Command/Incident Support Vehicle, this vehicle is incident command post and carries Jaws of Life, 3 tank cascade system, spare SCBA tanks, 8 SCBA units, positive ventilation fan, roof ventilator saw, rescue equipment and misc. equipment for on scene support.

E144 2005 Sterling fire engine, this engine has 2 pumps, a 350 GPM pump for fighting grass/marsh fires and vehicle fires; a 1500 GPM pump used on structure fires; a PTO operated 6,000 watt generator, a Foam Pro system and carries a 1,000 gallon water. This truck also has SCBA's, portable extinguishers, and other miscellaneous equipment.

In 2002, the Insurance Services Office (ISO) rated fire protection service to the Town of Winchester as a 6 (out of 10 with 1 being the best) for areas within five road miles of either fire station. Areas beyond that 5-mile radius have an ISO rating of 10. The ISO issues "fire protection" ratings and classifications across the United States. Most insurance underwriters utilize the assigned fire protection rating to calculate residential, commercial and industrial insurance premiums. Fire Districts are evaluated on a cyclical basis that is determined by district growth and the size of the population served. For a volunteer department, a 7 rating is somewhat average.

The Town of Winchester is committed to intergovernmental planning with the fire department. As a result, the Town will continue on-going discussions to consider equipment purchases, as population demand requires.

Clayton-Winchester First Responder Unit

The Clayton-Winchester First Responder Unit was formed in 1995. The unit averages more than 100 calls each year to address medical, trauma and car accidents. The first responders, in conjunction with Gold Cross Ambulance service, respond to emergency calls within the townships of Clayton and Winchester.

The Clayton-Winchester First Responder Unit has a current roster of approximately 16 members.

First Responders are trained by Gold Cross Ambulance personnel in conjunction with the Fox Valley Technical College.

Besides responding to medical emergencies, the Clayton-Winchester Responders:

- Hold monthly blood-pressure screenings at area churches;
- Help with emergency medical coverage at various events in both Winchester or Clayton townships and area counties; and
- Do educational sessions at area schools and at various group meetings.



Libraries

The Town of Winchester is located within the Winnefox Library System (WLS). Established in 1977, WLS is a public library system serving Fond du Lac, Green Lake, Marquette, Waushara and Winnebago Counties. Thirty (30) public libraries, serving a population of over 290,000, are members of the system. Through WLS, all residents of the 5-county area have access to the shared catalog of over 500,000 items owned by the Winnefox libraries and services provided by any member library. Of the 17 public library systems in Wisconsin, Winnefox libraries rank first in the state in per capita circulation. WLS is funded primarily by state aids. System services include interlibrary loan, delivery, backup reference, consulting, continuing education for library staff, planning and support for library technology, and other assistance. The Winneconne Library, located at 31 S. Second Street, is the nearest facility to the Town.

For Information about the Winchester Historical Society Library refer to the Agricultural, Natural and Cultural Resources Element.



The Winnefox Library System also operates a Bookmobile in the Town of Winchester

All of the libraries in WLS are part of a web catalogue that can be accessed 24 hours a day from the Internet. WISCAT is the statewide bibliographic database and catalogue for Wisconsin. It contains 6.7 million bibliographic records with local holdings statements for

1,270 libraries of all types throughout Wisconsin. The libraries listed in WISCAT are willing to loan many of the materials through established statewide interlibrary loan channels. WISCAT has been on-line since the summer of 2000.

Given the improved access to resources via the web catalogue and the interlibrary loan program, in addition to the resources the internet makes available to residents and the continual planning efforts for future library services coordinated by Winnefox, it is anticipated that library services will be adequate to meet future demands through 2025.



Schools

There are two public school districts serving the Town of Winchester: New London Area School District and the Winneconne School District. Detailed information about the public school facilities, services, and future expansion plans is discussed in the profiles below.

The School District of New London covers portions of three counties. District enrollment is approximately 2,500 students, which ranks 88 out of Wisconsin's 429 public school districts in size. The district has four elementary schools, a middle school, and a high school building.

Source: New London School District, January 16, 2003

School Name	Grades	Enrollment	Capacity
Lincoln Elementary	K-5	306	Capacities Never Calculated by School District
Readfield Elementary	K-5	209	
Parkview Elementary	K-5	289	
Sugar Bush Elementary	K-5	212	
New London Middle School	6-8	622	700
New London High School	9-12	879	1000

The Winneconne School District has a current enrollment of over 1,600 students. The district has four school buildings to meet its student needs. These buildings, their location, and other pertinent details are described in the table below.

School Name	Address	Grades	Enrollment	Capacity
Winneconne High School	100 Wolf Run, Winneconne	9-12	567	800
Winneconne Middle School	400 9 th Ave, Winneconne	6-8	387	400
Winneconne Elementary School	233 3 rd Ave, Winneconne	K-5	578	900
Winchester Elementary School	5270 Ann St., Larsen	K-5	77	150

SOURCE: Rita Cattrell, Director of Business Operations, Winneconne School District, December 2001

The Winneconne School District has no plans to expand any of its existing facilities or to build a new facility, at this time. The most recent expansion in the district was in 1999, when the new High School was opened.

The Town of Winchester values its local elementary school. It is an important community focal point that contributes significantly to the quality of life. It provides the opportunity for children to walk to school and also provides a park facility for community use. The Town takes great pride in the school and wants to see it remain in the community. To support the school, families with young children need to live in the area. As a result, it is necessary to accommodate growth and development in the Town, particularly single-family homes for young families.



Winchester Elementary School

It is important to remember that the school districts serving the Town of Winchester extend beyond the Town. As a result, development in neighboring communities can impact the need for additional school facilities and expansions. To that end, of great concern to the Town of Winchester is ensuring that the local school districts are not overwhelmed by new development. Given that the school districts serve a rural area, much of their financial support is derived from resident taxes. Major changes in facility and staff needs can impact taxpayers. Therefore, coordination with the school districts, with respect to the development and implementation of this plan, is an important priority for the Town of Winchester

Beyond the public schools, there are private schools in nearby communities that welcome residents who desire their services. These schools provide a faith-based education to their students.

Town Hall-Fire Station, 8522 Park Way

The Town Hall-Fire Station was constructed in 1989. The facility includes Town office space, as well as a large community meeting room and kitchen. The Town has no plans to expand the facility. It has been meeting all of the Town's space needs. It is anticipated that it will continue to meet Town needs in the immediate future.



**Winchester Town Hall-Fire Station Building
8522 Park Way**

Utilities and Community Facilities Map

The Utilities and Community Facilities Map provided on the next page illustrates the location of utilities and community facilities in the Town of Winchester. The map outlines

the school district and sewer service area boundaries and identifies the location of the Town Hall, fire station and other local facilities serving the Town.

Utilities and Community Facilities Issues & Concerns

The information in the inventory portion of this chapter clearly demonstrates that the Town has an array of utility and community facility services. These utilities and community facilities are expected to continue at current service levels for the life of this plan. There are no major planned or predicted changes to utilities and community facilities serving residents of the Town of Winchester, with the possible exception of wireless communication towers and support structures. All of the major utility and community facility providers – police, fire, utilities, schools, etc. – have procedures in place to monitor local demand and adjust their services/facilities as necessary to meet local needs.

This section highlights the Town's concerns related to local utilities and community facilities.

TOWN OF WINCHESTER

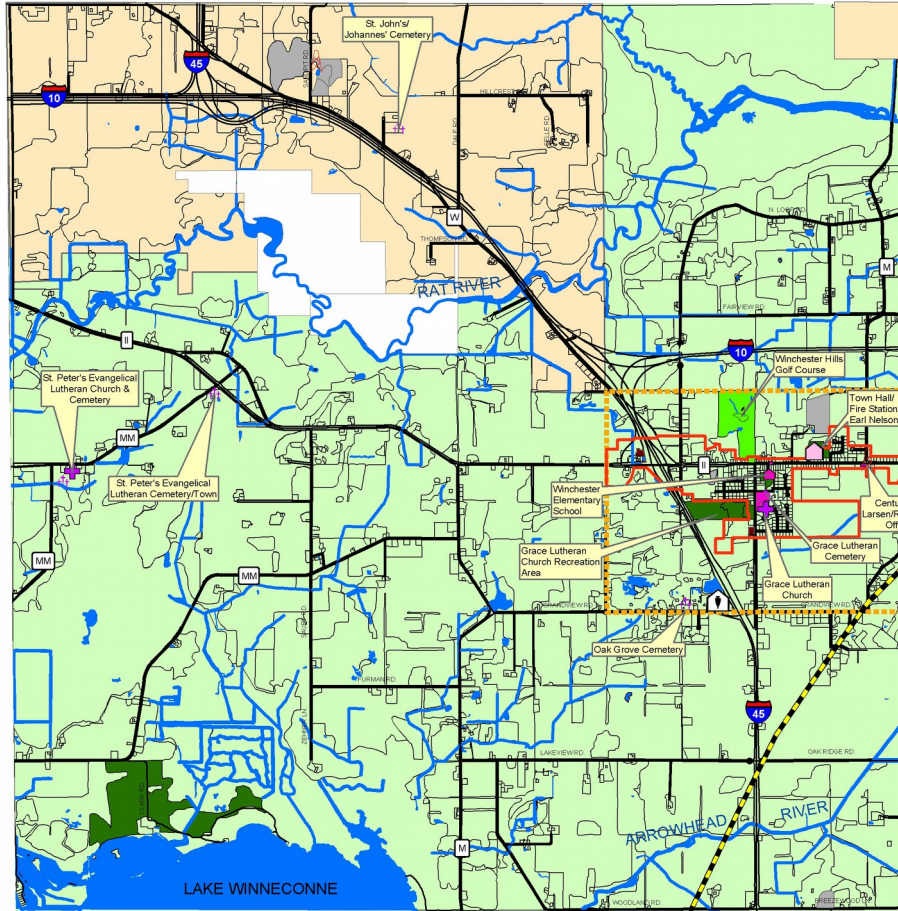
UTILITIES AND COMMUNITY FACILITIES

Town of Caledonia
Waupaca County

Town of Dale
Outagamie County

Town of Wolf River
Winnebago County

Town of Clayton
Winnebago County



Town of Winneconne
Winnebago County

OMNI ASSOCIATES
 PROJECT # M1109A03
 DATE: 08/19/03
 DRAWN BY: KAL
 REVISED: 11/22/04
 ONE SYSTEMS DRIVE, APPLETON, WI 54911
 PHONE: (920) 755-6900 FAX: (920) 830-8100

LOCATION: F:\GIS\M1109A03\DRAWINGS\Utilities_11x17.mxd
 SOURCE: Winnebago County WINGS Data
 East Central Wisconsin Regional Planning Commission

LEGEND			
	NEW LONDON SCHOOL DISTRICT		PORTION OF STATE OF WISCONSIN - PROPERTIES NOT IN SCHOOL DISTRICT
	WINNECONNE SCHOOL DISTRICT		TOWN BUILDING
	RECREATION/CONSERVATION		GOLF COURSE
	WATER FEATURES		SCHOOL
	QUARRIES		CEMETERIES
	RIGHT-OF-WAY		CHURCHES
	STREAMS/RIVERS		WINNEBAGO COUNTY SALT SHED
	SEWER PLANNING AREA BOUNDARY		CELL TOWERS
	345 KV ELECTRIC LINE		EXISTING SEWER SERVICE AREA BOUNDARY



1"= 4000'

Expansion of the Larsen-Winchester Sanitary District

The Town of Clayton has ambitious future development goals. As the Town of Clayton pursues additional development, the sanitary district is going to be affected. Capacity of the district is limited. The district continues to study capacity expansion opportunities. The Town believes the expansion capacity should also accommodate growth and development areas identified in the *Future Land Use Maps* of this plan.

Funding for the Larsen-Winchester Fire Department

Currently, funding for capital expenditures of the Larsen-Winchester Fire Department is evenly divided between the Towns. Operational expenses are split between the Towns based on their equalized valuations. However, the Town of Clayton has far more residents and calls per year than does the Town of Winchester. Given this situation, the Town is pursuing alternative funding arrangements. The goal is to ensure each Town is paying a fair and proportionate share of the service it requires.

Location of Natural Gas Peaking Plants

There is a natural gas – fire peaking fire energy facility in the Town of Neenah on County Road CB.

Balance Development with Cost of Utilities and Community Facilities

The Town of Winchester wants to ensure that new development does not increase local taxes. This could occur if new development significantly increases Town costs for associated utilities and community facilities. The Economic Development Element of this plan discusses this issue further.

Utilities and Community Facilities Funding Options

Many of the utilities and community facilities serving the Town of Winchester are provided by other governments and agencies (i.e. county and school districts). As such, they are funded through their general budgets and/or through tax revenues and referendums.

There are numerous grant and loan programs that the town may seek to help finance needed improvements. These programs are available through the State of Wisconsin and the U.S. Federal Government. What follows is a description of the present major opportunities available to the Town.

Wisconsin Community Development Block Grant Program

The Wisconsin Department of Commerce administers the Wisconsin Community Development Block Grant Program to provide cities, villages and towns with a population of less than 50,000 and all counties except Milwaukee, Dane and Waukesha to obtain matching grants for the installation, upgrade or expansion of municipal drinking water and wastewater systems. Successful applications are based on a distress score, documentation of need, ability to repay, matching fund availability and project readiness.

Rural Development Community Facility Grants

The USDA Rural Development also offers grants to communities seeking to build or improve their community buildings (i.e. halls, community center, and fire departments). These grants are awarded to communities with a population up to 10,000 based on a competitive application process.

Town Capital Improvement Program/Budget

A Capital Improvements Program (CIP) is a five to six year plan that is updated yearly, including items such as public building improvements and maintenance, roads, and emergency vehicle purchase and replacement. Capital items are generally defined as those items that are expensive (cost \$5,000 or more) and will last at least 3-five years.

STEPS TO DEVELOP A CIP

The general steps involved in developing and maintaining a CIP include:

1. Identifying desired capital items.
2. Estimating the cost and means of financing for each item.
3. Comparing the desired expenditures to the budget to determine priorities.

This process helps to ensure that improvements are made in a logical order and do not surprise local officials or taxpayers.

Coordination with Other Comprehensive Plan Elements

Utilities and community facilities can affect future planning for a community if capacity, location, and services are not adequate to support development. Therefore, it is important to inventory existing utilities and community facilities and understand how utilities and community facilities will be provided over the planning period. For example, in the Town of Winchester, the limitations of the Larsen-Winchester WWTF have a direct impact on development potential.

Housing

Improvements such as roads, sewers, parks, and schools all need to be coordinated with the housing decisions and vice versa. The best method to coordinate improvements is to follow the land use pattern presented on the *Future Land Use Maps* as closely as possible and plan for future improvements. This approach will greatly enhance the efficiency of capital improvements expenditures. To provide further assistance in these efforts, the town may consider the use of a capital improvement plan as a tool to help organize and plan for future capital expenditures.

Economic Development

The availability of utilities like sewer, electricity and communications services is critical to economic development. This infrastructure is needed to support commercial growth in the Town of Winchester. Therefore, the goals and objectives of this chapter seek to maintain, and where feasible, improve local utilities and community facilities to improve economic development opportunities in the Town of Winchester.

Land Use Element

Land use impacts the need for utilities and community facilities. Inversely, the availability of utilities and community facilities can influence where development can occur. The *Future Land Use Maps* were developed after careful consideration of where needed utilities and community facilities are now available, or will be available, within the planning period. In addition, the *Future Land Use Maps* carefully consider the economic feasibility of utility and community facility extensions to serve areas planned for future development.

Intergovernmental Coordination

As is obvious from this chapter, utilities and community facilities are not provided solely by the Town of Winchester. It is important that utilities and community facilities continue to effectively serve the Town of Winchester. Therefore, continued coordination is essential to ensure that development in the Town of Winchester is compatible with local utility and community facility capacities. Goals and objectives included in this chapter, as well as the Intergovernmental Coordination Element, support continued coordination to efficiently provide needed utilities and community facilities to the Town of Winchester.

Goals, Objectives and Policies

It is the goal of the Town that all future utilities and community facilities needs are met through 2025 (and beyond). Though many of these facilities will be located outside of the Town, they will be easily accessible in nearby communities. The services provided will also meet the special needs of the elderly and youth populations. The Town of Winchester will support the continued efforts of neighboring communities, school districts, Winnebago County, and private companies, which provide community facilities and utilities which can be used by Town residents.

The Town's Goals, Objectives & Policies related to Utilities and Community Facilities are provided in Chapter 11.