

# *Town of White River*

**Comprehensive  
Plan: 2006 to 2025**

**Background  
Element**

*Adopted by Town Board On: November 28, 2006*



# Acknowledgements

*Town of White River*

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Vierbicher Associates, Inc.; Madison, Wisconsin



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# Introduction

Town of White River

## Foreword

In 2002, all of the jurisdictions in Ashland County worked in concert to submit a grant to the Wisconsin Land Council to help fund the preparation of comprehensive plans for each consistent with the new planning legislation adopted in 1999. The application was funded in 2003. The County hired Vierbicher Associates to assist with the county-wide plan, and plans for 15 of the 16 individual jurisdictions.

### Chapter Contents

- ◆ Foreword
- ◆ What is a Comprehensive Plan?
- ◆ How Will This Plan Be Used?
- ◆ Organization of Plan Document
- ◆ Participatory Photography

## What is a Comprehensive Plan?

A comprehensive plan is a document that describes a long-term vision that a community wants to achieve. It is a broad brush look at the entire community in terms of where it is now and where it would like to be in the coming years. It looks at the many parts of the community, how the community functions, and its role in the region.

The future vision is depicted with maps showing future conditions and with goals, objectives, and policies. Tasks and activities are also identified that need to be achieved to help implement the plan. By law, this comprehensive plan must look out at least 20 years.

*“A comprehensive plan is intended to provide a rational basis for making local land use decisions and to serve as a blueprint for community-wide effort to achieve its vision.”*

Having described what a comprehensive plan is, it’s also appropriate to describe what a comprehensive plan is not. Because a comprehensive plan is strategic in scope, it does not focus on physical design elements. It does not design a park for example, although the plan may identify a need for the park and prescribe some parameters for creating one. Neither is a comprehensive plan an engineering document intended to fix safety problems at a particular road intersection, for example. The fine details of design and engineering and many others will flow from the basic direction described in the plan.



## How Will This Plan Be Used?

Prior to the passage of the comprehensive planning legislation in 1999, most comprehensive plans in Wisconsin were not used as intended. In practice, many communities used their plans sporadically and inconsistently. Other plans were soon forgotten following adoption.

After January 1, 2010, land use decisions including zoning, subdivision regulations, and official mapping will have to be consistent with this plan (Exhibit 1-1). This means that land use regulations of these types must be revised or prepared so as to implement the vision articulated in this plan. Not only do the regulations have to be consistent with the plan, all individual decisions affecting land use must be consistent with the plan.

Each rezoning after 2010, by law, has to be consistent with the community's comprehensive plan, including the future land use map.

## Organization of Plan Documents

The comprehensive plan for Ashland County, as well as each individual jurisdiction, consists of two documents. The first document is the background report. It contains information that describes what is and what has been. It is organized into the following chapters:

- ◆ Housing
- ◆ Transportation
- ◆ Utilities and Community Facilities
- ◆ Agricultural, Natural, and Cultural Resources
- ◆ Economic Development
- ◆ Intergovernmental Cooperation
- ◆ Land Use
- ◆ Demographics

The second document is referred to as the policy document. It focuses on future conditions including

- ◆ Community Vision
- ◆ Goals, Objectives, and Policies
- ◆ Issues and Opportunities
- ◆ Plan Based Forecasts
- ◆ Future Land Use
- ◆ Future Transportation
- ◆ Future Utilities & Community Facilities

Collectively, the background document and policy document constitutes the comprehensive plan for the community.



# Introduction

*Town of White River*

## Participatory Photography

During the initial stages of the Comprehensive Planning process, the Town participated in a photography exercise that documented existing conditions. Participants were instructed to take pictures of things in their community that they either liked or did not like. These pictures were then used as a starting point to identify what the Town should look like in the future. Through the process of developing each element, these pictures were referred to and helped to guide decision-making. The photographs that were taken are included on the following page.

# Town of White River Like/Dislike Photos



Family farms, rolling hills, fields and woodlots - represents rural character



Local apple orchard being established - represents rural character



One of the townships rivers for recreation and scenery - rural character



Village of Marengo - represents rural character



Ashland County Fairgrounds - represents rural character



Farming community which we'd like to keep - rural character



Small businesses in the community using resources to provide jobs



Old historic building - represents rural character



95% of White River town roads are gravel



Vandalism to our stop signs



Its a stinky mess



We want to keep farming in this community



It brings and keeps opportunities in our township



Shows paper company land which provides raw forest products, jobs, and public hunting



Rural grade school - better for children



Entrepreneurs can have their businesses locally



White River Dam creates a flowage area for recreational activities



Local fire department for fast and better service



Recreational trails are available in the Township



White River dam creates electricity, plus a reservoir for recreation

## Introduction ◆◆◆

Housing is a very important issue for the State of Wisconsin and the people who live here. Housing costs are the single largest expenditure for most Wisconsin residents. According to the U.S. Department of Labor (1997), Midwest households, on average, spend 31 percent of their incomes on housing, compared with 19 percent for transportation, and 14 percent for food.

Over two-thirds of Wisconsin households are homeowners and it is likely that their home is their most valuable asset and largest investment. Appreciation in home value continues to be a major source of wealth in the United States, and nearly 60 percent of the net worth of the typical homeowner is equity in the home.

“The term *housing* refers not only to owner-occupied housing, but also rental, cooperative, and condominium ownership arrangements. The term also refers not only to single family detached units, but also to multifamily units, duplexes, townhouses, manufactured homes, and accessory apartments.”

While many Wisconsinites enjoy good housing situations, others are struggling in varying degrees. According to Wisconsin's 2000 *Consolidated Plan: For the State's Housing and Community Development Needs*, households in the low-income range have great difficulty finding adequate housing within their means and that can accommodate their needs, despite the state's stable economic health. Families that can not afford housing frequently become homeless. The federal government has cut back drastically on housing assistance, leaving state and local communities to grapple with these social issues.

The social benefits of housing are important, but difficult to quantify. In addition to being a place to sleep, relax, raise a family, store possessions, receive mail and telephone calls, decent shelter is important for one's self-respect. Furthermore, as people develop responsibility and pride in their homes, it is likely that they will participate more frequently in community activities, attend church, and vote.

In addition to its importance for social reasons, housing plays a critical role in the state and local economies. It is likely that housing is the largest land use in the community and the community's largest capital asset. According to a study prepared by the Wisconsin Realtors Foundation in 1992, the value of the state's housing stock was worth nearly \$1 trillion dollars. In 1990, the construction industry employed 83,000 workers (not including lawyers, real estate, financial, and insurance workers), making it the state's second leading industry in employment. The study estimated that housing contributed about 12 percent to the state's gross product. Housing is also a major source of revenue for local communities in the form of property taxes.

The number of houses and apartments that families with low-wage incomes can afford to rent is shrinking, burdening more families with high housing costs and threatening many with homelessness, according to a Department of Housing and Urban Development report entitled *The Widening Gap: New Findings on Housing Affordability in America*.

“Housing affordability is an issue that affects the entire state. However, some areas are especially hard-pressed to offer affordable housing.”

The following findings are based primarily on data from the U.S. Census Bureau's latest American Housing Survey:

- ◆ Despite a period of robust economic expansion, the housing stock affordable to struggling families continues to shrink. The number of such affordable rental units decreased by 372,000 units - a 5 percent drop - from 1991 to 1997. Struggling families are defined as those with incomes at or below 30 percent of the area median.
- ◆ Rents are rising at twice the rate of general inflation. According to U.S. Bureau of Labor Statistics data, in 1997 rents increased 3.1 percent while the overall Consumer Price Index (CPI) increased by only 1.6 percent. In 1998, rents increased 3.4 percent while the overall CPI increased 1.7 percent.
- ◆ As the affordable housing stock shrinks, the number of renters at or below 30 percent of median income continues to grow. Between 1995 and 1997, the number of struggling renter households increased by 3 percent, from 8.61 million to 8.87 million - one of every four renter households in America.

The gap between the number of struggling Americans and the number of rental units affordable to them is large and growing. In 1997 for every 100 households at or below 30 percent of median income, there were only 36 units both affordable and available for rent.

## Housing Overview ◆◆◆

Wisconsin's Smart Growth legislation outlines 14 local, comprehensive planning goals, one of which is to provide an adequate supply of housing for individuals of all income levels throughout each community. Related to this goal, is that of encouraging neighborhood design that supports a range of transportation options. The location of housing directly impacts adjacent land use patterns and individual choices with regard to transportation.

The term housing refers not only to owner-occupied housing, but also rental, cooperative, and condominium ownership arrangements. The term also refers not only to single family detached units but also multi-family units, duplexes, townhouses, manufactured homes, and

accessory apartments,<sup>1</sup> which offer independent apartment living as an accessory to single-family homes.

Many forces influence the type and distribution of housing units and tenure patterns within a community. A number of relationships must be examined in order to understand the housing framework in White River and plan for the type of housing that will be in demand over the next 20-year period.

Current trends have the potential to perpetuate land use patterns as follows:

- ◆ Continued conversion of agricultural land to residential development.
- ◆ Continued dispersed development.
- ◆ Single large lot development and large lot conventional subdivisions.
- ◆ Continued loss of open space.
- ◆ Intrusion on environmental areas.
- ◆ Increasing conflict between agriculture and rural, non-farm residences.
- ◆ Unsystematic commercial development.
- ◆ Little intervention in the market.
- ◆ Increases potential problems with septic systems in areas with a concentration of subdivisions.
- ◆ Increases traffic problems associated with sprawl.

“An important part of assessing the local housing market is to understand current conditions as well as factors that influence residential patterns.”

An important part of assessing the local housing market is to understand current conditions as well as factors that influence residential patterns. By reviewing existing conditions and the factors that influence these conditions and assessing what things are right with housing along with housing concerns, we can develop a preferred picture of the local housing market in 20 years. Generally, the housing stock should reflect the demographics and economic structure of the community.

The median housing value in the Town is \$65,000 (2000 Census). Currently in other towns there are homes on the market for \$39,900 in Agenda Town to \$269,000 in the Town of La Pointe. Asking prices for land in Ashland County are currently ranging from \$13,900 for 40 acres in the Town of Peeksville, to \$89,500 for 80 acres in White River, to \$249,000 for 3.13 acres in the Town of La Pointe. These prices will vary depending on the size and condition of the homes as well as on the location of the lot.

#### **Number of Housing Units**

The 2000 Census indicates that there are 312 housing units in the Town of White River. This figure compares to 298 in 1990, which reflects a loss of 14 units or 4% percent over the last 10-year period.

“The 2000 Census indicates that there are 312 housing units in the Town of White River.”

<sup>1</sup> Housing Wisconsin: A Guide to Preparing the Housing Element of a Local Comprehensive Plan. March 2000. UW-Extension.

The following table illustrates housing trends in the Ashland County region over the period 1990 to 2000. The figures indicate that residential growth in northern Wisconsin is generally lower than that of the state levels. The Town of White River is adding housing units at a similar rate as surrounding towns

| <b>Table 1. Number of Housing Units – White River Town Area</b> |             |             |                       |
|---|-------------|-------------|-----------------------|
|   | <b>1990</b> | <b>2000</b> | <b>Percent Change</b> |
| State of Wisconsin  | 2,055,774   | 2,321,144   | 12.9%                 |
| Ashland County  | 8,371       | 8,883       | 6.1%                  |
| Agenda Town   | 309         | 328         | 6.1%                  |
| Ashland Town  | 245         | 277         | 13%                   |
| Butternut Village   | 200         | 220         | 10%                   |
| <i>Chippewa Town</i>  | 287         | 280         | -2.4%                 |
| Gingles Town  | 232         | 273         | 17.7%                 |
| Gordon Town   | 359         | 397         | 10.6%                 |
| Jacobs Town   | 488         | 507         | 3.9%                  |
| La Pointe Town  | 586         | 692         | 18.1%                 |
| Marengo Town  | 154         | 191         | 24%                   |
| <i>Mellen City</i>  | 445         | 436         | -2%                   |
| Morse Town  | 304         | 380         | 25%                   |
| Peeksville Town   | 115         | 125         | 8.7%                  |
| Sanborn Town  | 432         | 531         | 22.9%                 |
| <i>Shanagolden Town</i>   | 184         | 157         | -14.7%                |
| <i>White River Town</i>   | <b>298</b>  | <b>312</b>  | <b>4.7%</b>           |

Source: US Census Bureau, Census 2000 Data Set SF-1

### Housing Types

The most common type of dwelling unit in White River, and in the rest of the county, is the 1-unit detached, or single-family dwelling (Table 2).

| <b>Table 2. Units in Housing Structure – Town of White River</b> |               |                |
|--|---------------|----------------|
| <b>Housing Type</b>  | <b>Number</b> | <b>Percent</b> |
| 1-unit detached  | 236           | 78.1%          |
| 1-unit attached  | 1             | 0.3%           |
| 2 units  | 4             | 1.3%           |
| 3 or 4 units   | 4             | 1.3%           |
| 5 to 9 units   | 0             | 0.0%           |
| 10 to 19 units   | 0             | 0.0%           |
| 20 or more units   | 0             | 0.0%           |
| Mobile Home  | 57            | 18.9%          |
| Boat, RV, Van, Etc.  | 0             | 0.0%           |
| <b>TOTAL</b>   | <b>302</b>    | <b>100%</b>    |

Source: US Census Bureau, Census 2000, Data Set SF-3

The homeowner vacancy rate in White River is a little more than one percent. The rental vacancy rate is 3.1 percent. Some level of vacancy naturally occurs in the housing market. In the Town of White River seasonal housing units represent 4.2 percent (13), of all vacancies. According to the Federal Department of Housing and Urban Development (HUD), a generally accepted vacancy standard for owner-occupied structures is 3 percent and 5 percent for renter-occupied dwellings. At these levels, it is assumed that the local housing market is functioning efficiently. However, these standards do not necessarily relate to whether or not the mix of housing types is meeting demand.

**Tenure**

Table 4 shows that about 80 percent of the Town’s housing stock are owner-occupied while renters occupy approximately 10 percent of households. Vacant units represent almost 10 percent of the housing units in the town. A number of factors influence tenure patterns including age and household income.

| <b>Table 3. Town of White River Housing Occupancy</b> |             |                 |             |                 |
|---|-------------|-----------------|-------------|-----------------|
| <b>Tenure</b>   | <b>1990</b> | <b>% (1990)</b> | <b>2000</b> | <b>% (2000)</b> |
| Owner Occupied  | 215         | 72.1%           | 250         | 80.1%           |
| Renter Occupied                                       | 41          | 13.8%           | 31          | 9.9%            |
| Vacant Units  | 42          | 14.1%           | 31          | 9.9%            |
| <i>For seasonal, recreational, or occasional use</i>  | <i>15</i>   |                 | <i>13</i>   |                 |
| <b>Total Units</b>                                    | <b>298</b>  |                 | <b>312</b>  |                 |

*U.S. Census Bureau, Census 2000 Data Set SF-1, Census 1990 Data Set STF-1*

**Housing Values and Rental Rates**

Change in median home price is an indicator of housing demand as is the distribution of housing values relative to income levels. The latter helps us understand whether or not housing prices match people’s ability to pay. As the data in Table 4 illustrates, housing values as well as contract rent levels have rapidly increased over the last decade. Rental rates seem to be rising fairly quickly in most sections of Ashland County, although in a few cases they have stayed stable, or have even dropped a small amount. Nationally, studies show that housing cost is rising faster than income.

**Table 4. Median Housing Values (MHV) and Median Contract Rent Levels**

|                         | 1990 MHV        | 2000 MHV        | 1990 Median Contract Rent | 2000 Median Contract Rent |
|-------------------------|-----------------|-----------------|---------------------------|---------------------------|
| State of Wisconsin      | \$62,500        | \$112,200       | \$331                     | \$473                     |
| Ashland County          | \$37,300        | \$60,400        | \$217                     | \$317                     |
| Agenda Town             | \$48,900        | \$78,500        | \$150                     | \$250                     |
| Ashland Town            | \$37,500        | \$57,000        | \$200                     | \$250                     |
| Butternut Village       | \$31,300        | \$48,900        | \$170                     | \$263                     |
| Chippewa Town           | \$43,200        | \$76,700        | \$138                     | \$375                     |
| Gingles Town            | \$45,000        | \$78,100        | \$213                     | \$394                     |
| Gordon Town             | \$38,300        | \$53,800        | \$169                     | \$200                     |
| Jacobs Town             | \$29,000        | \$39,200        | \$167                     | \$216                     |
| La Pointe Town          | \$63,800        | \$165,000       | \$275                     | \$275                     |
| Marengo Town            | \$46,300        | \$63,000        | \$225                     | \$113                     |
| Mellen City             | \$24,900        | \$39,600        | \$163                     | \$219                     |
| Morse Town              | \$43,100        | \$75,800        | \$150                     | \$225                     |
| Peeksville Town         | \$40,000        | \$80,000        | \$325                     | \$425                     |
| Sanborn Town            | \$35,000        | \$49,300        | \$99                      | \$164                     |
| Shanagolden Town        | \$36,700        | \$70,000        | \$238                     | \$275                     |
| <b>White River Town</b> | <b>\$43,000</b> | <b>\$65,000</b> | <b>\$175</b>              | <b>\$310</b>              |

Source: Source: U.S. Census Bureau: 1990 Census Median Contract Rent (STF 1), 1990 Median Value of Specified Owner Occupied Housing Units (STF 1), 2000 Census Median Contract Rent (SF 3), 2000 Census Median Value of Specified Owner Occupied Units (SF 3).

### Income

According to 2000 Census figures, the median household income of White River Town residents is \$38,250. The median housing value is \$65,000. The distribution of income in the Town of White River is provided in Table 7.

Assuming that the income needed to afford Fair Market Rent (FMR) in the Town of White River is comparable to Ashland County the following tables can be referred to when determining the FMR for the Town (Table 5). According to the tables, rents are at or above the fair market rate, about 11 percent do not have the income needed to support a one-bedroom home; and approximately 29 percent are unable to afford a three-bedroom home. Affordability concerns are even more pronounced for persons with fixed incomes.

**Table 5. Income Needed to Afford FMR\***

| Location    | One Bedroom | Two Bedrooms | Three Bedrooms | Four Bedrooms |
|-------------|-------------|--------------|----------------|---------------|
| Ashland Co. | \$14,240    | \$17,480     | \$22,240       | \$25,120      |

Source: National Low-Income Housing Coalition (NLIHC)

\*Data is not available at the place level.

Housing that costs no more than 30 percent of a renter's income is generally considered to be affordable. The monthly fair market rent price that has been set by the National Low-Income Housing Coalition can be seen below in Table 6.

**Table 6. 2004 Fair Market Rent by Number of Bedrooms**

| Location       | Efficiency | One Bedroom | Two Bedroom | Three Bedroom | Four Bedroom |
|----------------|------------|-------------|-------------|---------------|--------------|
| Ashland County | \$320      | \$356       | \$437       | \$556         | \$628        |
| Wisconsin      | \$387      | \$481       | \$605       | \$783         | \$883        |

Source: National Low-Income Housing Coalition

Extending the general standard of paying no more than 30 percent of household income as it relates to home ownership, we can develop roughly comparable scenario about household ability to make a monthly mortgage payment (see Table 7 for household income breakdown). However, the scenario will differ based on the down payment brought to the transaction and private mortgage insurance (PMI) that may be required as well as other items that become part of an escrow account. Following is a sample scenario to provide an understanding of ability to pay.

**Assumptions:**

Household income = \$38,250 (median income in White River)  
 Median home value = \$65,000 (median home value in White River)

Monthly household payment including mortgage and escrowed PMI, taxes and homeowners insurance = \$494.71

$\$494.71 \times 12 \text{ (months)} = \$5,936.52$  (annual mortgage, PMI, taxes and insurance)

Household income (\$38,250)/\$5,936.52 (annual payment) = 15.5 percent of total household income.

| <b>Table 7.</b>                |                 |                |
|--------------------------------|-----------------|----------------|
| <b>Household Income</b>        | <b>Number</b>   | <b>Percent</b> |
| Less than \$10,000             | 14              | 5.1%           |
| \$10,000 to \$14,999           | 17              | 6.2%           |
| \$15,000 to \$24,999           | 50              | 18.3%          |
| \$25,000 to \$34,999           | 41              | 15%            |
| \$35,000 to \$49,999           | 74              | 27.1%          |
| \$50,000 to \$74,999           | 42              | 15.4%          |
| \$75,000 to \$99,999           | 13              | 4.8%           |
| \$100,000 to \$149,999         | 12              | 4.4%           |
| \$150,000 to \$199,999         | 2               | 0.7%           |
| \$200,000 or more              | 8               | 2.9%           |
| <b>TOTAL HOUSEHOLDS</b>        | <b>273</b>      | <b>100%</b>    |
| <b>MEDIAN HOUSEHOLD INCOME</b> | <b>\$38,250</b> |                |

*U.S. Census Bureau, Census 2000 Data Set SF-3*

### **Housing Stock**

Another aspect of housing is quality. The appearance of the housing structures within the community gives a powerful first impression to a visitor and contributes to the quality of life experienced by residents (Tables 8 & 9).

| <b>Table 8. Housing Characteristics – Town of White River</b> |          |
|---|----------|
| Total Housing Units   | 281      |
| Average family size   | 3.84     |
| Average household size  | 3.17     |
| Owner Occupied  | 250      |
| Renter Occupied   | 31       |
| Seasonal  | 13       |
| Vacant  | 31       |
| Median Housing Value  | \$65,000 |
| Median Contract Rent  | \$310    |

*Source: U.S. Census Bureau, Census 2000 Data Set SF-1*

| Table 9. Age of Housing Stock |            |
|-------------------------------|------------|
| Built 1999 to March 2000      | 2 / 0.7%   |
| 1995 –1998                    | 33 / 10.9% |
| 1990 – 1994                   | 26 / 8.6%  |
| 1980 – 1989                   | 41 / 13.6% |
| 1970 – 1979                   | 69 / 22.8% |
| 1960 – 1969                   | 27 / 8.9%  |
| 1950 – 1959                   | 16 / 5.3%  |
| 1940 – 1949                   | 24 / 7.9%  |
| Built in 1939 or earlier      | 64 / 21.2% |
| Median Year Built             | 1973       |

Source US Census Bureau. Census 2000 Data Set SF-3

#### Housing for Special Populations

In addition to typical housing units, the Town should also consider the housing needs of special populations, including the elderly and those needing supportive services. Highlighted below are important statistics regarding the aging of Wisconsin’s population and the need for long-term care (Exhibit 1 and Table 10).

The Types of Special Housing Table lists the various types of special housing and provides a short description of each. The following sections talk about these housing types in more detail and the extent to which they are available in and around the Town.

| Exhibit 1. A Snapshot of Wisconsin’s Aging Population  |
|--|
| ◆ In 2020, 1 in 6 people will be age 65 or older   |
| ◆ Between 2000 and 2010, the population aged 85 and older is expected to grow an additional 29 percent.                                  |
| ◆ 80 percent of the adult long-term care population are over 65 years of age.  |
| ◆ About 11 percent of state residents 65 and older have long-term support needs that would allow them to receive care in a nursing home. |
| As one ages, the need for long-term care becomes more important:   |
| ◆ 3 percent of those 65 to 74 years old need comprehensive long-term care  |
| ◆ 11 percent of those 75 to 84 years old need comprehensive long-term care   |
| ◆ 39 percent of those 85 and older are estimated to be in need of nursing home level of care   |

Source: Wisconsin Department of Health & Family Services

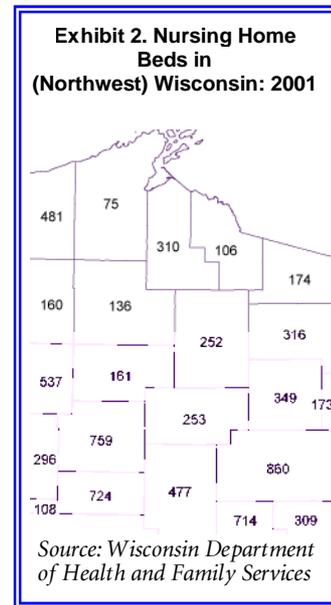
| Table 10. Types of Special Housing in Wisconsin |  |            |        |
|---|--|------------|--------|
|   | General Description  | Wisconsin  |        |
|   |  | Facilities | “Beds” |
| Nursing home                                    | A nursing home is a facility providing 24-hour services, including room and board, to 3 or more unrelated persons, who require more than 7 hours a week of nursing care.   | 411        | 44,319 |
| Facility for the Developmentally Disabled (FDD) | A FDD is facility licensed to treat residents who are developmentally disabled, primarily due to mental retardation or cerebra palsy.  | 37         | 2,017  |
| Adult Family Home (AFH)                         | An AFH is a place where up to four adults who are not related to the operator reside and receive care, treatment or services that are above the level of room and board and that may include up to seven hours per week of nursing care per resident. Counties certify AFHs with one and two beds and the state certifies those with three to four beds. | 693        | 2,684  |
| Community Based Residential Facility (CBRF)     | A CBRF is a place where five or more adults, who are not related to the operator or administrator, and who receive care above intermediate level nursing care, reside and receive care, treatment of services that are above the level of room and board, but includes no more than three hours of nursing care per week per resident.                   | 1,361      | 21,468 |
| Residential Care Apartment Complex (RCAC)       | A RCAC is a place where five or more adults reside in individual apartment units and where not more 28 hours per week of supportive services, personal assistance, and nursing services.   | 129        | 5,369  |

Source: Wisconsin Department of Health and Family Services

### Nursing Homes

Within Wisconsin there are more than 400 nursing homes serving more than 44,000 state residents. Statewide, the vast majority of nursing home residents (79 percent in 2001) are admitted directly from an acute care hospital following an illness or injury. Although nursing home occupancy rates are traditionally quite high, they vary widely from a high of 100 percent to a low of 67 percent.

In Ashland County, there are 3 nursing homes with a total capacity of 310 beds. Two are located in the City of Ashland and the other is located in Mellen (Table 11). Exhibit 2 shows the nursing home capacity in the region.



|                                      |                                       | Bed Capacity | Residents  |
|--------------------------------------|---------------------------------------|--------------|------------|
| Ashland Health/Rehabilitation Center | 1319 Beaser Ave, Ashland              | 120          | 83         |
| Court Manor Health/Rehabilitation    | 911 3 <sup>rd</sup> St. West, Ashland | 150          | 150        |
| Mellen Manor                         | 450 Lake Drive, Mellen                | 40           | 40         |
| <b>Total</b>                         |                                       | <b>310</b>   | <b>219</b> |

Source: Department of Health and Family Services Accessed from [http://www.dhfs.state.wi.us/provider/nh\\_FDDsDir01.htm](http://www.dhfs.state.wi.us/provider/nh_FDDsDir01.htm) July 2003

Note: Data is as of December 31, 2001

### Assisted Living Facilities

Assisted living facilities are residential settings for people who need some level of health care, but not 24-hour access to nursing services. These include adult family homes (AFHs), community based residential facilities (CBRFs), and residential care apartment complexes (RCACs).

- ◆ **Adult Family Homes (AFHs)** During 2002 there were 693 AFHs throughout the state with a total capacity for over 2,600 individuals. While AFHs serve a wide range of clients, the three largest groups are those with disabilities, those with mental illness, and those with physical disabilities.
- ◆ **Community Based Residential Facilities (CBRFs)** In terms of those served, CBRFs serves the second largest number of state residents requiring special housing options. More than 87 percent of all CBRFs are relatively small (less than 20 beds). The elderly make up the largest group served by CBRFs followed by those with Alzheimer's/irreversible dementia.

## Relevant Plans, Policies, Studies and Programs ◆◆◆

The balance of the Housing Element focuses on county, state and federal policies, plans and studies relating to the housing development environment.

### **Housing: A State Perspective**

The State of Wisconsin has developed [the Consolidated Plan for the State's Housing and Community Development Needs](#) to maintain eligibility for funding from the federal Department of Housing and Urban Development (HUD). The current Consolidated Plan became effective in April 2000 and is valid through March 2005.

The Consolidated Plan serves as a guide for implementing the State's strategy for the delivery of housing and community and economic development resources. The Plan suggests that, in general, the supply of housing available to the state's low-income population does not meet the demand for such housing. Very low-income older adult households continue to be impacted by severe housing cost burden, as do persons with disabilities.

The state receives four types of funds to support the development of housing affordable to persons with low and moderate incomes as follows:

- ◆ Community Development Block Grant (CDBG);
- ◆ The HOME Program;
- ◆ Emergency Shelter Grants (ESG); and
- ◆ Housing Opportunities for Persons With Aids (HOPWA)

The state's priority housing needs are outlined through the following six goals.

- ◆ Promote the affordability of housing to all consumers, especially those with severe cost burdens to increase and maintain affordable housing.
- ◆ Encourage the production of new units, including the development of large family units and housing for older adults accompanying support services.
- ◆ Preserve and increase the availability of safe, sanitary housing for low and moderate income renters to include lead based paint hazard reduction and enhanced training and resources for these activities.
- ◆ Provide housing assistance for special needs groups to include homeless prevention activities, expansion of transitional housing programs and increased emergency shelter operating funds.
- ◆ Continue policies and activities that promote fairness and accessibility for all housing consumers, including enforcement and compliance with fair housing laws.
- ◆ Continue efforts to assist with housing disaster relief.

## **Housing: A National Perspective**

Each year, Harvard University's Joint Center for Housing Studies produces a report titled *The State of the Nation's Housing*. The 2002 report states that despite upward trends in price, lower-income households have made the transition to homeownership in recent years. Spurred by the strong economy, favorable interest rates and innovations in mortgage finance, the share of home purchase loans going to lower-income households and/or households living in lower-income communities increased steadily over the last 10 years.

The emergence of a dual mortgage delivery system in which new types of lending organizations provide distinctly different mortgage products to lower-income markets that those commonly offered in higher-income markets. Government-backed loans and lending by subprime and manufactured housing specialists account for nearly two-thirds of recent increases in low-income ownership rates. Conventional lending – that is, mortgages with the lowest rates and most favorable terms – accounted for 37 percent of the growth in lower-income lending, compared with 81 percent of loans to higher-income borrowers in higher-income neighborhoods. Innovative financing has enabled many households to become homeowners but, at the same time, these loans are at higher cost.

## **Section 42**

Also contributing to the development of rental housing is the [Affordable Housing Tax Credit](#) or Section 42 (section 42 of the IRS code as part of the Tax Reform Act of 1986). The Affordable Housing Tax Credit is a dollar-for-dollar reduction of federal income taxes owed by owners/investors of affordable rental housing for tenants with incomes at specified levels. To receive the tax credit, an owner/investor must maintain a minimum percentage of rent-restricted units for tenants with limited incomes for at least 15 years.

## Introduction

Although the nine required Comprehensive Plan Elements are all very much inter-related, understanding the link between transportation and land use is critical to the development of policies and strategies of an effective Comprehensive Plan. Land use decisions inevitably influence transportation needs, and transportation systems clearly influence future land use patterns. This relationship is

particularly evident in the development patterns of the last several decades - with the shift in the majority of our nation's population and new business growth from urban to suburban areas being both *fueled by* the construction of new highways and arterial streets, and *fueling* the construction of more highways, increased capacity, and alternative transportation systems to meet increased demands. The goals, objectives, and policies that come out of the Transportation Element should focus on transportation alternatives that will most efficiently serve existing and planned land uses and community needs and desires.

Town residents depend on the transportation facilities in their community and the region to connect them to other areas of the state and to the rest of the nation and the world. The type, quality, and location of transportation facilities are an important component in residents quality of life and in developing and maintaining a sustainable economy.

There is a significant relationship between transportation and land use. New development or changes in existing land uses, whether incremental or sudden, directly affects the safety and functionality of roadways and the demand for additional transportation facilities. On the other hand, the creation of new or improving existing transportation corridors can have a significant distribution affect on the type and timing of development within a community and/or a region. Thus, this element and the Land Use Element should support and complement one another.



“ Understanding the link between transportation and land use is critical to the development of policies and strategies of an effective Comprehensive Plan.”

For the foreseeable future, the private automobile will continue to dominate all modes of transportation. However, it is important to recognize that people have different needs and capabilities and that a good transportation system should include a variety of transportation choices.

## Existing Conditions

### Local Road Network

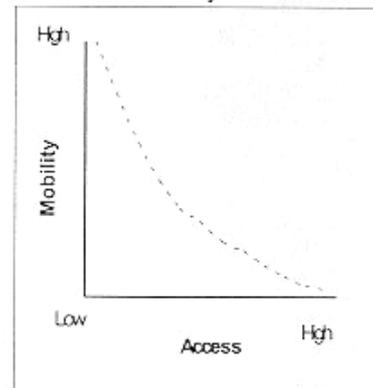
Roadways serve two competing functions: access to individual properties and traffic mobility. These needs compete in that as the number of property accesses increases along a route, traffic mobility decreases.

### Access Management

The primary purpose of the road network is to provide access to properties and mobility. These functions often compete. As the number of access points rise, traffic mobility decreases. This concept is often referred to in the industry as access management (Exhibit 1).

Driveway design and spacing has a substantial impact on the existing road system and preserving the flow of traffic on the surrounding road system in terms of safety, capacity, and speed. State highways and major arterial streets are typically targets of access management efforts. Access management is also of concern on main county roads when there is a transition from a rural environment to a village, town, or city. Cooperation between land use and transportation interests is vital to a well-functioning transportation network and street and driveway patterns are important determinants of community character. Although the Town does not have jurisdictional authority over state and county highways, development around these highways impacts the amount and type of traffic using the facility. In addition, the extent to which the Town's road system accommodates local travel directly impacts the amount of traffic that is diverted onto state and county roads.

Exhibit 1. General Relationship Between Access and Mobility



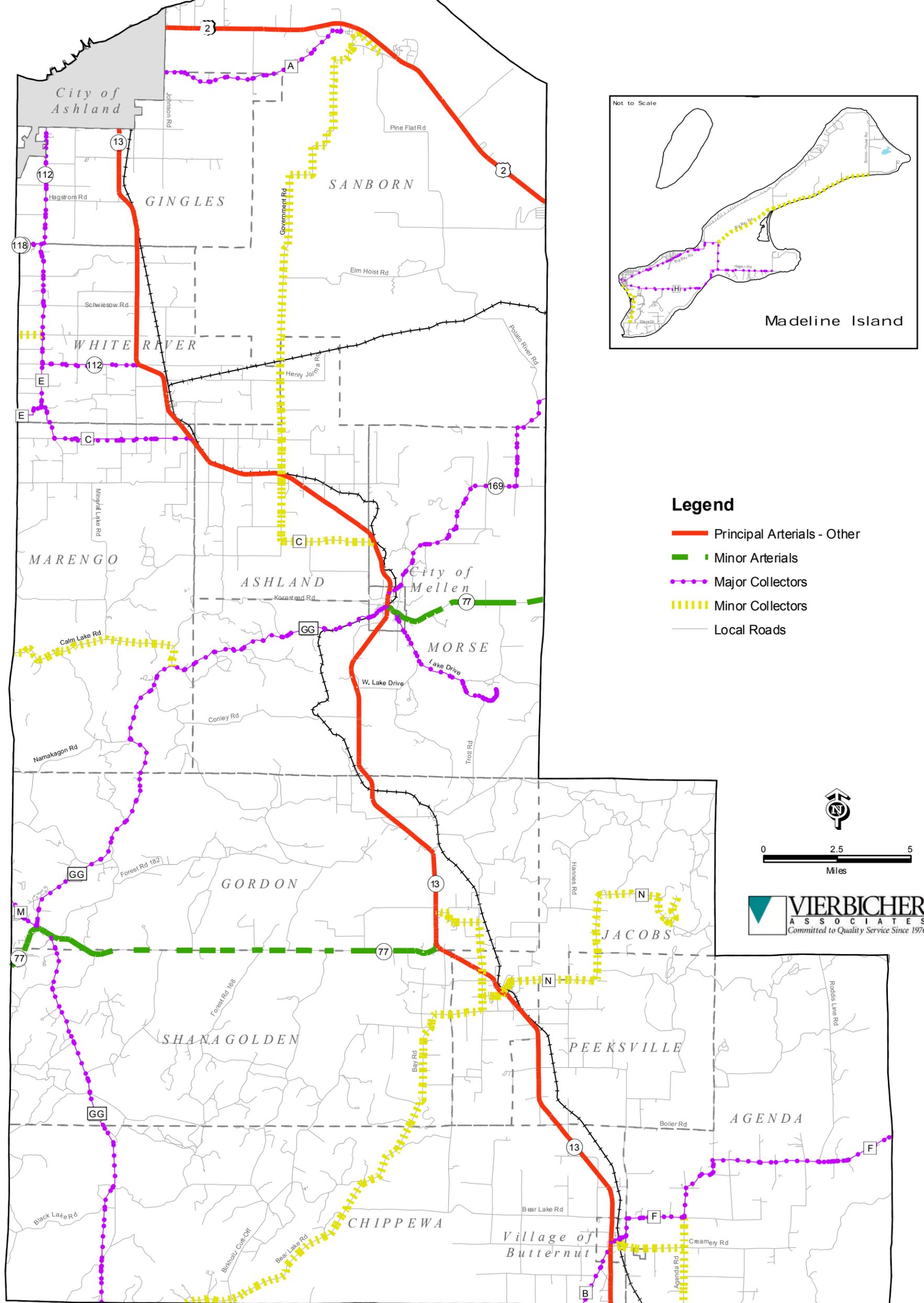
### Road Classifications

To help for current and future traffic conditions, it is useful to categorize roads based on their primary function. Arterials accommodate the movement of vehicles, while local streets provide the land access function. Collectors serve both local and through traffic by providing a connection between arterials and local roads. The following map shows the various roads in the Town and how they are classified according to the Wisconsin Department of Transportation (WisDOT).



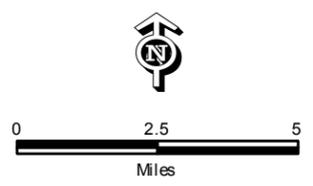
# Ashland County

## Road Classification



### Legend

- Principal Arterials - Other
- Minor Arterials
- Major Collectors
- Minor Collectors
- Local Roads



Source: Wisconsin Department of Administration and Wisconsin Department of Transportation



*Principle Arterials* – State Highway 13 runs through the Town. According to WisDOT there are almost 7-miles of roadway that is designated as a principle arterial in the Town.

*Minor Arterials* – There are no Minor Arterials within the Town.

*Collectors* – State Highways 118, and 112 as well as County Road E are Major Collectors in the Town. Maple Ridge Road is a Minor Collector. There are almost 14-miles of collector road in the Town.

*Local Streets* – All other public roads in the Town that are not classified by the WisDOT are considered to be local roads. There are 66-miles of local road in the Town.

#### **Existing Traffic Volume Counts**

WisDOT studies Average Annual Daily Traffic (AADT) counts for roadways at selected locations on a three-year cycle. Traffic volumes reported by WisDOT in May 2003 contain data collected from Ashland County in May 2000. The counts are depicted on the Annual Average Daily Traffic Count map. Traffic counts in White River were taken along County Road E and State Highways 118, 112, and 13. It is likely that the traffic volume in the Town as well as the County as a whole will remain the same in the future as it is now.

#### **Pavement Condition**

The surface condition of local roads is an important aspect of a local transportation network. Ensuring a safe, comfortable, and efficient transportation system requires a large public investment, and often requires balancing priorities and making difficult decisions about where to invest resources. The Pavement Surface Evaluation and Rating (PASER) system was developed by the Wisconsin Transportation Information Center to help communities evaluate the condition of the community's roads and set priorities for road maintenance and repair. The PASER system involves visual evaluation of pavement surface, and provides standard ratings to promote consistency. PASER ratings follow a scale from 1 to 10, 1 being poor and 10 representing excellent road conditions. Pavement ratings were collected for the Town of White River in 2003, however that data is not available at this time. Many of the roads in Ashland County are unimproved roads and therefore will not have pavement ratings.

#### **PASER Rating System**

- 1-2 very poor, reconstruction needed
- 3-4 poor to fair, structural improvement and leveling needed
- 5-6 fair to good, preservative treatments (sealcoating) required
- 7-8 good to very good, routing maintenance, cracksealing and minor patching
- 9-10 excellent, like new condition, no maintenance required

The following are road segments within the Town that have been identified as having low PASER ratings.

| PASER Ratings; Town of White River 2001 |                                 |             |              |
|---|---------------------------------|-------------|--------------|
| Name                                    | From/To                         | Length (mi) | PASER Rating |
| Blakeman Road                           | Jolma Rd – Charles Johnson Rd   | 2           | 4            |
| CTH C                                   | Heino Rd – CTH E                | 0.72        | 3            |
| Dark Corner Road                        | Blakeman Rd – Town Park Rd      | 0.21        | 4            |
| Ensinger Road                           | Herb Adler Rd – Fairground Rd   | 0.07        | 4            |
| Fairground Road                         | Fairground Rd – Schraufnagel Rd | 0.2         | 2            |
| Fire Dept Road                          | Lahti Rd – Schraufnagel Rd      | 0.08        | 3            |
| Hangard Road                            | STH 13 – Termini                | 0.26        | 4            |
| Heino Road                              | CTH C – Termini                 | 0.44        | 3            |
| Herb Adler Road                         | Ensinger Road – Schraufnagel Rd | 0.06        | 3            |
| Hunt Road                               | CTH E – Termini                 | 0.04        | 4            |
| Jolma Road                              | Jusula Rd – Emil Ovaska Rd      | 2.21        | 3            |
| Little Road                             | Ensinger Rd – Herb Adler Rd     | 0.75        | 2            |
| Long Road                               | Termini – Block Rd              | 0.16        | 2            |
| Marengo River Road                      | CTH C – Richardson Rd           | 2.26        | 3            |
| Mike Road                               | Schraufnagel Rd – Lahti Rd      | 0.08        | 3            |
| Miller Road                             | Marengo River Rd – Termini      | 0.09        | 4            |
| Olby Road                               | Termini – Little John Rd        | 0.93        | 2            |
| Park Road                               | Tapani Rd – Park Rd             | 0.50        | 2            |
| Schiestle Road                          | STH 13 – Termini                | 0.26        | 4            |
| Schraufnagel Road                       | STH 13 – Herb Adler Rd          | 0.38        | 3&4          |
| T Anderson Road                         | CTH E – Termini                 | 0.04        | 2            |
| Tapani Road                             | Termini – Park Road             | 0.58        | 4            |
| TN Road 12                              | Blakeman Rd – Schiestl Rd       | 0.30        | 1            |
| TN Road 16                              | Fire Dept Rd – Termini          | 0.12        | 3            |
| TN Road 67                              | Kinkel Rd – Termini             | 0.05        | 3            |
| TN Road 69                              | Emil Ovaska Rd – Termini        | 0.25        | 2            |
| Town Line Road                          | Mike Rd – Termini               | 0.19        | 4            |
| Town Line Road                          | Town Line Rd – Olby Rd          | 0.4         | 2            |
| Van Ornum Road                          | Jolma Rd – Termini              | 1.00        | 4            |
| Yonkovich Road                          | Termini – STH 12                | 0.80        | 4 & 2        |

Source: Wisconsin Information System for Local Roads. Wisconsin Department of Transportation.

### Accident Reporting

The WisDOT prepares an accident report for every quarter of the year. Exhibit 2 illustrates the total number of accidents that occurred between the last quarter of 2002 and the first three quarters in 2003. In the Town of White River there were 9 accidents that were reported to WisDOT by law enforcement officials. The Town does not believe that they are any intersections or stretches of road that are more dangerous than others that could possibly be the cause of the accidents.

### Rustic Road Conditions

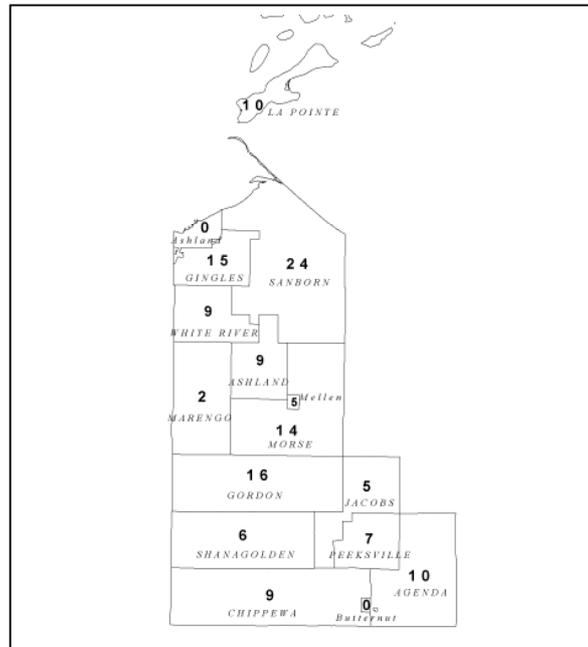
Created in 1973 and sponsored by WisDOT, the Rustic Roads Program provides a tool for communities to preserve byways and back roads that contribute to the aesthetic, cultural, and historic fabric of the state. Throughout the state, there are over 680 miles in the system with 84 designated roadways.

The goals of the Rustic Roads program are:

- ◆ To identify and preserve, in a naturally and essentially undisturbed condition, certain designated roads exhibiting unusual or outstanding natural or cultural beauty.
- ◆ Produce a linear, park-like system for auto, bicycle, and pedestrian travel. Identify roadways for quiet and leisure enjoyment of local residents and the general public.
- ◆ Maintain and administer these roads for safe, public travel while preserving their scenic and rustic qualities. Establish appropriate maintenance and design standards.
- ◆ Encourage zoning and land use compatibility, utility regulations and billboard control.

An officially designated Rustic Road remains under local control. The Town has the same authority over a Rustic Road as it possesses over other highways under its jurisdiction. A Rustic Road is eligible for state aids just as any other public highway. There are not any officially designated Rustic Roads in Ashland County.

Exhibit 2. Ashland County Accident Count Map



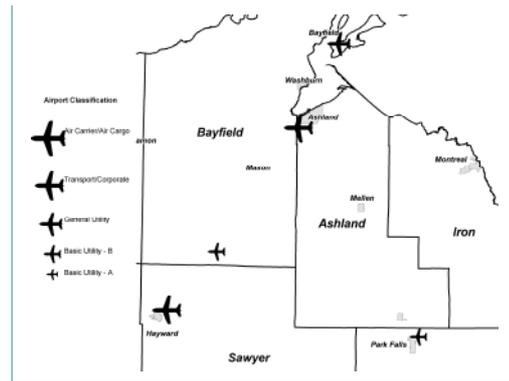
Source: Wisconsin DOT Law Enforcement Report, last quarter of 2002 and first three quarters of 2003.

## Air Transportation

Airports, aviation, and aviation-related industries play a significant role in the economic success of many Wisconsin communities. Within Ashland County there are 2 airports (Exhibit 3). John F. Kennedy Memorial in the Town of Gingles is a Transportation/Corporate (TC-C) Airport and on Madeline Island there is a GU Airport.

The City of Ashland and Ashland County jointly operate the John F. Kennedy Memorial Airport, and Bayfield County contributes some funds to help support its operation. The airport has two paved runways, both of these runways are adequate for twin-engine aircraft. The airport is primarily used for business and recreational uses. Roughly half of the flights to the airport come from businesses and industries such as C.G. Bretting, Larson Juhl, M&I Bank, Duluth Clinic, Xcel Energy, and others. It is believed that the airport will continue to grow and be an important component of the County's economic plan. In August of 2003 Governor Jim Doyle approved a \$510,000 project that will develop a new hangar area and associated taxiway as well as installation of Precision Approach Path Indicators at the John F. Kennedy Memorial Airport. Construction of the new hangers will be privately funded. Facilities at the airport include a 5,200-foot primary runway and a 3,500-foot secondary runway. There is also an airport in nearby Park Falls in Price County called the Park Falls Municipal Airport, it is an FAA Classified General Utility (GU) airport.

Exhibit 3. Ashland County Area Airports



Source: Wisconsin Department of Transportation

### *FAA Airport Classification System:*

The airport classification scheme was developed for planning efforts that expand upon the traditional classification system for defining the role of an airport. The classification process took into account existing conditions and planned near-term improvements as contained in airport master plans and/or airport layout plans. The classification system divides airports into four categories.

- ◆ Air Carrier Cargo (AC-C) airports are designed to accommodate all aircraft. Airports in this category are usually referenced by the types of air carrier service being provided.
  - Short-haul air carrier
  - Medium-haul air carrier
  - Long-haul air carrier
- ◆ Transportation/Corporate (TC-C) airports are intended to serve corporate jets, small passenger and cargo jet aircraft used in regional service and small airplanes used in commuter air services.

- ◆ General Utility (GU) airports are intended to serve virtually all small general aviation single and twin-engine aircraft, both piston and turboprop, with a maximum takeoff weight of 12,500 pounds or less.
- ◆ Basic Utility (BU) airports are intended to serve all small single-engine piston aircraft and many of the smaller twin-engine piston aircraft with a gross takeoff weight of 12,500 pounds or less.

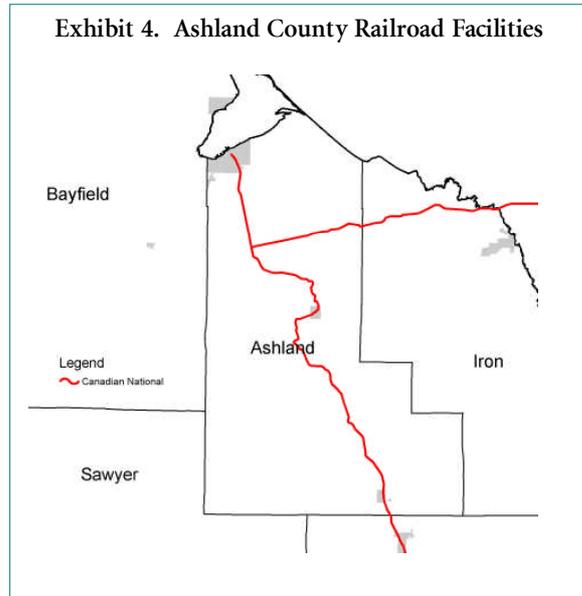
Based on projections contained in the Wisconsin State Airport System Plan-2000, the following table depicts the classifications of airports in the area (Table 1).

| Table 1. Forecast General Aviation Operations and Classifications for Airports in State Airport System in Region: 2000 to 2020 |                |                |                |
|--|----------------|----------------|----------------|
| Airport Name   | 2000           | 2010           | 2020           |
| Park Falls - Park Falls Municipal  | BU-B<br>2,300  | BU-B<br>2,300  | BU-B<br>2,300  |
| Ashland – John F. Kennedy Memorial   | AC/C<br>15,900 | AC/C<br>15,900 | AC/C<br>15,900 |
| La Pointe - Madeline Island Airport  | GU<br>2,000    | GU<br>2,000    | GU<br>2,000    |
| Rhineland – Rhineland/Oneida County  | AC/C<br>37,000 | AC/C<br>38,000 | AC/C<br>40,000 |
| Cable – Cable Union  | BU-B<br>3,000  | BU-B<br>3,000  | BU-B<br>3,000  |
| Hayward – Sawyer County  | T/C<br>19,000  | T/C<br>19,000  | T/C<br>19,000  |

Source: Wisconsin State Airport System Plan – 2020

### Railroad Facilities

With increased rail efficiency and truck-rail intermodal trends, traffic on some Wisconsin railroads the State Department of Transportation has forecasted some railroad lines to see continued growth in the future. However according to *Transportation Investment, Economic Development, and Land Use Goals in Wisconsin* (June 2002) due to lack of a freight-rail customer base, consolidation of rail service providers, rail abandonment, and rail-to-trails conversion initiatives most counties in Northern Wisconsin feel that rail service is lacking in their county. The Canadian National Railroad travels through the Town of White River (Exhibit 4).



### Bicycle and Pedestrian Facilities

Bicycling and pedestrian facilities play an important role in moving people within a community for purposes of necessity and/or pleasure. These types of mobility are often overlooked yet many individuals choose these modes for their primary transportation. The bike trails within the county are generally along roads that the county has designated as bike routes. These designated routes provide residents and tourists alike the chance to enjoy the regions natural beauty.

Improvements to bicycle/pedestrian facilities typically occur in conjunction with road projects and road improvement schedules are tied to local, county and state capital improvement budgets. There are no bike or pedestrian trails in the Town and there are currently not any plans to create any.

In addition to any county or local plans that may be developed, the State has adopted several pedestrian and bicycle transportation plans:

- ◆ Wisconsin Bicycle Transportation Plan 2020
- ◆ Wisconsin Pedestrian Policy Plan 2020
- ◆ Wisconsin Translinks 21: A Multimodal Transportation Plan for Wisconsin's 21st Century
- ◆ Wisconsin Department of Natural Resources State Trails Network Plan

Currently the Wisconsin State Trails Network Plan does not identify that there are any trails proposed in the region.

## **Winter Activities**

Winter sports are an important activity in Ashland County and have a significant impact on the economy. Local residents and tourists both enjoy taking part in the many snow-related sports.

### *Cross Country Skiing Trails*

Ski trail information and maps are available from the Wisconsin Department of Tourism. Near Clam Lake there is an 11-mile West Torch River Ski Trail. Copper Falls State Park has 8-miles of trail, and Penokee Mountain maintains 11-miles of trail. In the Chequamegin-Nicolet National Forest there are a total of 205-miles of trails. Maps of the National Forest trails are available at the trailheads.

### *Snowmobile Trails*

Wisconsin snowmobilers are proud of the statewide trail system that ranks among the best in the nation. This trail system would not be possible without the generosity of the thousands of landowners around the state, as 70 percent of all trails are on private land. Trails are established through annual agreements and/or easements granted by these private property owners to the various snowmobile clubs and county alliances throughout the state.

Snowmobiling and associated trail systems are an important asset to the area. Specifically, they assist in expanding the range of recreational opportunities in the Town. They also serve as a winter time attraction, assisting the area to promote its image as a year-round tourism destination. There are several snowmobile and ATV clubs in the area. According to the Wisconsin Department of Tourism Ashland County has 204 miles of County and Community Trails and Chequamegon-Nicolet Great Divide Trail National Forest contains 160 miles of trails. The Department of Tourism can provide further information regarding the location of snowmobile trails in the region.

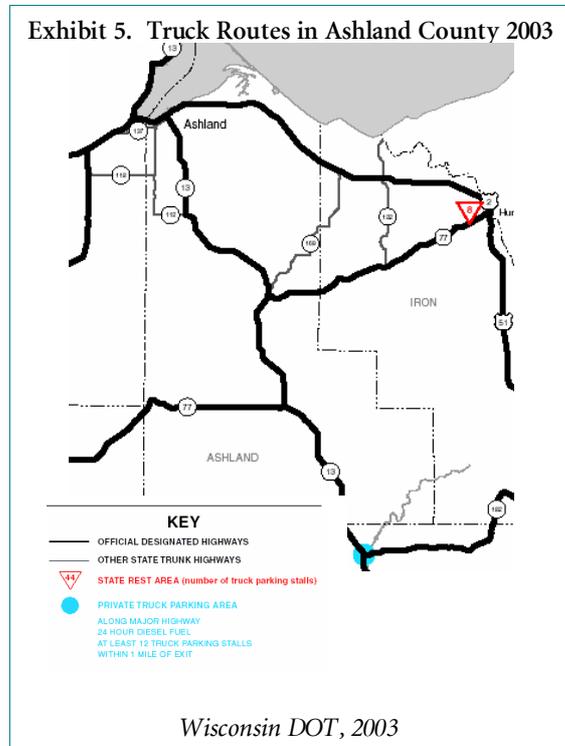
## **Water Transportation**

Today, water transportation continues to serve as the most efficient method for moving bulk commodities. Wisconsin's commercial ports are major economic hubs that generate thousands of jobs. The nearest commercial port is Duluth-Superior Port. The port is the Great Lakes' largest harbor. Each year it hosts about 1,100 lake carriers and oceangoing ships.

Water transportation also provides communities recreational opportunities such as water-skiing and fishing. There is one public water access point in the Town located on the White River Flowage. Elsewhere in the County, in the City of Ashland there is the Ashland Municipal Marina, as well as many other boat launch sites on lakes throughout the County. The Madeline Island Ferry travels between Bayfield and Madeline Island transporting both passengers and vehicles. In the winter there is a windsled that is able to bring passengers to and from the island.

## Trucking

Trucks handle almost 90 percent of all freight tonnage shipped from Wisconsin, serving businesses and industries of all sizes and in all parts of the state. The state has an 112,000-mile network of state highways and local roads, including the 3,650-mile Corridors 2020 network of four-lane backbone and key connector routes. State Highways 13, and 112 are officially designated truck routes in Ashland County. Interstate Route 2 is also designated as truck route. Truck traffic is permitted on county roadways within the Town as long as materials being carried do not exceed legal axle weights enforced by the state. State Highway 112 is a county designated truck route that travels through the Town. State Highway 13 travels north to south in the Town and is a state designated truck route (Exhibit 5).



## Mass Transit

The Town does not have access to public transportation. According to the Department of Transportation the nearest available transit system is located within Bayfield County.

There are two private transportation services in the County. One taxi service only serves the City of Ashland while another will travel throughout the County and will transport people to different areas as necessary. In addition, a bus that generally services the City of Ashland is available on an as needed basis to residents of the Town of Marengo, Mellen City, Glidden, and the Village of Butternut. Currently the County is in the process of trying to coordinate with other places to offer transportation to Park Falls on selected days to residents of the Village of Butternut and Glidden. The County also coordinates with groups of volunteers in the County who are able to provide transportation to people going to doctor appointments. From January through September of 2003 the volunteers assisted with providing transportation for about 180 people.

## Paratransit

Paratransit services provide transportation for those people whose needs are not met by traditional transit options. Paratransit service is required by the Americans with Disabilities Act (ADA) as a supplement to any fixed route public transportation system. Typically, paratransit is provided on an as needed basis, rather than a scheduled route. Eligibility to use paratransit services requires that an individual be unable to use the existing transit

service. Since there is no mass transit system in the Town, paratransit service is not required.

### Highway Projects and Maintenance

The Ashland County Highway Department does not have any projects scheduled before 2008. WisDOT does not have any projects scheduled for the Town of White River in the years from 2004 to 2009.

### Review of Existing Transportation Plans

There are a number of statewide transportation planning efforts that will have a bearing on the presence or absence of transportation facilities and services in the region. Most of these efforts developed umbrella policy documents that provide general goals and policies covering the state. The following section provides a brief overview of the plans that have been completed or that are in a draft phase and how they might affect area residents and the preparation of this plan (Exhibit 6). The overall goals and objectives of these plans will be taken into consideration if and when the Town undertakes any planning efforts that either directly or indirectly impact the area's transportation system.

| Exhibit 6. Existing State Transportation Plans |                                    |
|--|------------------------------------|
| Translinks 21                                  | WI Department. of Transportation   |
| Wisconsin Bicycle Transportation Plan 2020     | WI Department of Transportation    |
| Wisconsin State Highway Plan 2020              | WI Department of Transportation    |
| Wisconsin State Airport System Plan 2020       | WI Department of Transportation    |
| State Recreational Trails Network Plan         | WI Department of Natural Resources |
| State Pedestrian Plan                          | WI Department of Transportation    |

- ◆ *Translink 21* – Prompted by the federal Intermodal Surface Transportation Efficiency Act (ISTEA), *Translink 21* is a broad plan intended to guide transportation investments through the year 2020. From this plan, individual plans for highways, airports, railroads, bikeways, pedestrian and transit continue to be shaped.
- ◆ *Wisconsin Bicycle Transportation Plan 2020* - This plan provides a blueprint for integrating bicycle transportation into the overall transportation system. The plan analyzes the condition of all county and state trunk highways and shows the suitability of roadways for bicycle travel. Guidelines are available for accommodating bicycle travel when roadways are constructed or reconstructed.
- ◆ *Wisconsin State Highway Plan 2020* - The State Highway Plan 2020 outlines investment needs and priorities for the state's investment needs and priorities for the state's 1,800 miles of State Trunk Highway through 2020. Given the financial realities of maintaining this extensive road network, the plan establishes priorities for funding. Most of the funding is allocated to Corridors 2020 backbone and collector routes.

- ◆ *Wisconsin State Airport System Plan 2020* - This plan provides for the preservation and enhancement of public use airports that are part of the State Airport System over a 21-year period. Overall, the Plan recommends no new airports and no elimination of existing facilities.
- ◆ *State Recreational Trails Network Plan* - The plan identifies a network of trail corridors through out the state referred to as the "trail interstate system" that potentially could consist of more than 4,000 miles of trails. These potential trails follow highway corridors, utility corridors, rail corridors, and linear natural features.
- ◆ *Wisconsin State Pedestrian Policy Plan 2020* – Wisconsin Department of Transportation. The plan outlines statewide and local measures to increase walking and promote pedestrian safety. It provides a vision and establishes actions and policies to better integrate pedestrians into the transportation network.
- ◆ *Best Management Practice Guidelines for the Wisconsin Portion of the Lake Superior Basin – March 2003* - This set of guidelines is meant to be a working document that is focused on reducing nonpoint pollution. This best management practice guideline is intended to building on the conservation projects of the past and incorporate newer technologies and ideas. The document is divided into sections based on different activities that have been identified as being important. These sections include project planning, roads, forestry, agriculture, critical area stabilization, habitat and development.

### Funding Opportunities

WisDOT administers a number of programs to defray the cost of enhancements to local transportation systems. Eligibility options may increase through coordination due to population thresholds associated with some programs. In addition, cost savings and a more seamless transportation network between and around communities may be realized as a result of joint efforts. A complete list of programs is available at [www.dot.state.wi.us](http://www.dot.state.wi.us) and should be consulted to understand the full array of programming.

***Local transportation enhancements program:*** The program requires a local match of 20 percent and allows for bicycle and pedestrian facility system enhancements such as the development of a bicycle commuting route, landscaping and other scenic beautification.

***Elderly and disabled transportation capital assistance program:*** This annual grant program provides capital funding for specialized transit vehicles used to serve the elderly and persons with disabilities. The program covers 80 percent of the total cost of equipment.

***State Urban/Rural/Small Urban Mass Transit Operating Assistance Program:*** This program provides funds for eligible project costs to public bus and shared-ride taxi programs. Eligible public transportation services include transport by bus, shared-ride taxicab, rail or other conveyance, either publicly or privately-owned, that provides general or special service on a regular and continuing basis. Local units of government are eligible to apply.

***State of Wisconsin Department of Transportation Six Year Highway Improvement Program:*** The state highway system consists of 744 miles of Interstate freeways and 11,147 miles of



# Transportation

*Town of White River*

state and US-marked highways. While the 11,794 miles of state highways represent only 11 percent of the 110,594 miles of public roads, they carry over 29 billion vehicle miles of travel a year, or about 58 percent of the total annual statewide travel. The remaining 99,160 miles are maintained and approved by local units of government.



# Utilities and Community Facilities

*Town of White River*

## Introduction

Community facilities are buildings, lands, services and programs that serve the public. Examples of community facilities are parks, schools, and fire and police protection. Public works such as water supply, sewer systems, storm water facilities and power generation and distribution make up the physical components of a community. Together, community facilities and infrastructure allow the Town to function, grow and add to the community's quality of life.

“Together, community facilities and infrastructure allow the Town to function, grow and add to the community's quality of life.”

This Plan Element takes inventory of existing facilities and services currently provided by both the public and private sectors, identifies the capacity of these services and unmet needs and evaluates the need for improvements or additional facilities over the next 20-years. The inventory divides utilities and facilities into two categories.

- Utilities/Infrastructure – the physical systems, networks and/or equipment necessary to provide for and support the basic needs of urban land uses, including systems, networks and equipment, but excluding transportation infrastructure.
- Community Facilities - public buildings and grounds that provide space, services or programs, or from which services or programs are co-ordinated, that are aimed at improving the quality of life, safety, or general welfare of community residents.

# Utilities and Community Facilities

Town of White River

## Utilities and Community Facilities

### Water System

Private wells serve homes and businesses in the Town. Due to the rural nature of the area there are no plans for a water system to connect homes in the Town. Unlike public water systems, protection and maintenance of private wells is largely the responsibility of homeowners. The entire community needs to work together to develop a protection plan that safeguards everyone's water supply. Good construction and proper location are critical in ensuring a safe drinking water supply. Care needs to be taken to locate the well far from potential pollution sources. NR 812, Wis. Adm. Code requires new wells to be located:

- ◆ 25 feet from septic tanks
- ◆ 25 feet from the high water mark of a lake, pond or stream
- ◆ 50 feet from livestock yards, silos, and septic drainfields
- ◆ 100 feet from petroleum tanks
- ◆ 250 feet from a sludge disposal area or an absorption, storage, retention or treatment pond
- ◆ 1,200 feet from any existing, proposed or abandoned landfill site

### Wastewater Facilities

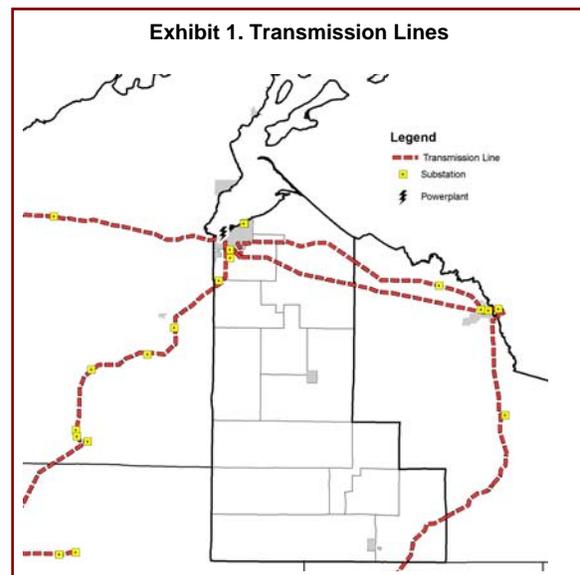
There are currently no sewer or public utilities in the Town of White River. Residences and businesses rely on private septic systems and wells. Septic systems are wastewater treatment systems that use septic tanks and drainfields to treat and dispose of the wastewater in the soil. Septic systems are generally used in rural areas that have large lot areas where sanitary sewer services are not available. Ashland County reviews and permits the wastewater treatment systems. The Town does not have any plans to create a sewer district or build a wastewater facility.

### Stormwater Management

The town does not own or operate storm water management facilities. The Town does not expect growth to occur at a density that would require developing any new facilities in the future.

### Telecommunication

There are no cell towers located in the Town of White River. The Town does not have any plans to pursue cellular towers, however if a carrier wanted to located a new cell tower in the Town, the Town would work with Ashland County and the cellular carrier to ensure the tower is locate in an appropriate place that meets all regulations.



Source: Public Service Commission



# Utilities and Community Facilities

Town of White River

## Electric and Natural Gas

Xcel Energy provides electrical services to the Town of White River. There is a transmission line and a substation that are located on the north western corner of the Town that is owned by Xcel Energy (Exhibit 1).

## Solid Waste Disposal/Recycling

**Refuse and Recyclable:** The Town contracts with Waste Management for garbage pickup recyclables are picked up at the Town Hall.

**Leaves, Wood, and Compost:** There is not a composting site within the Town.

## Library Services

Library resources are an important part of the community base. No exact social standard can be applied to any one community as the needs and desires of citizens vary widely. Data for the individual library branches in Ashland County is not available, however data is given on a countywide basis. There are four libraries that are part of the Northern Waters Library Service, which services the entire county. The libraries are located in the City of Ashland, La Pointe, Mellen, and Odanah. The library located at Northland College is also available for public use within the County.

According to the annual Library Statistics Report compiled by the Wisconsin Department of Public Instructions the libraries are operated by approximately five librarians and about five other paid staff. The libraries are open an average of 35.5 hours in the summer months and 37 hours in the winter months. In 2002 the libraries housed 64,988 book and serial volumes and had 286 periodical titles available. There are 16 computer terminals accessible to the public, 12 of those computers offer access to the Internet. Many audio, electronic and video materials are also available to borrowers. The library also offers many programs to adults and children. In 2002 a total of 4,735 individuals within the County attended those programs (Table 1).

The libraries receive funding from state, and county appropriations. The total operating expenditure in 2002 was \$572,055. A majority of those funds were from either municipal or county appropriations, which are an average per capita tax of \$39.80.

| Amenities      | Planning Standard*           | Existing Amount | Preferred Amount | Surplus/ (Deficit) |
|----------------|------------------------------|-----------------|------------------|--------------------|
| Book Stock     | 3.5 - 5 per capita           | 64,899          | 38,021           | 26,878             |
| Facility Space | 0.7 - 0.8 sq. ft. per capita | 16,826          | 7,604            | 9,222              |

\* Source: Urban Land Institute standards should be used as a flexible guide and adapted to the particular needs of the community. Department of Administration 2002 county population estimates (10,863) were used to calculate this table.

Note: Professional and experts were consulted by ULI



# Utilities and Community Facilities

*Town of White River*

## Parks and Open Space

One of the principle assets of a community is its recreational opportunities. There are snowmobile and ATV trails that are located in the Town that connect to many different trails throughout the County. There is not any county, national, or state forest land in the Town but there are approximately 3,184 acres of open managed forest land and 283 acres of closed managed forest land. There are also 360 acres in the Town that are under Forest Crop Law (Table 2).

| Park/Trail                   | Location          | Acreage/Miles |
|------------------------------|-------------------|---------------|
| Forest Crop Law              | Various locations | 360 Acres     |
| Managed Forest Land (open)   | Various locations | 3,184 Acres   |
| Managed Forest Land (closed) | Various locations | 283 Acres     |

*Source: Wisconsin DNR*

## Police Service

Ashland County is serviced by a 911 Emergency Response System that is operated by the Sheriffs Department. The Ashland County Sheriffs Department patrols the Town and surrounding areas. The City of Mellen, Town of La Pointe, Bad River Reservation, and the City of Ashland all have their own police services. During the day there are two deputies that patrol the county and respond to calls. At night there are three deputies that patrol the County. The department employs 11 full time patrol officers, one sheriff, one undersheriff, and one lieutenant. There is also one investigator, 18 full time corrections and dispatch personnel, and seven additional part time dispatch staff. The Department is located in the City of Ashland (Table 3).

| Amenities | Existing Amount |
|-----------|-----------------|
| Deputies  | 11              |
| Vehicles  | 14              |

*Source: Ashland County Sheriffs Dept*

| Call Volumes* |       |
|---------------|-------|
| 2003          | 5,681 |

*Source: Ashland County Sheriffs Dept*

*\*Does not include Bad River Reservation, Town of La Pointe, City of Mellen, or the City of Ashland*



# Utilities and Community Facilities

*Town of White River*

The calls for service represent calls made on a countywide basis and include both civil and criminal complaints. These calls for service do not represent calls made only from White River (Table 4).

## **Snowplowing Services**

The Town provides snowplowing of private driveways at the cost of \$50 per driveway for a year.

## **Emergency Medical Services**

The Town of White River receives emergency rescue services from the City of Ashland.

## **Fire Protection**

The Town of White River is serviced by a volunteer fire department made up to 20 volunteers. There are 2 pumpers, 2 tankers and 1 van available for their use in emergencies. Each year the department receives between 5 to 10 calls for assistance.

## **Town Hall**

The Hall serves as the headquarters for the Town Board and various other committees. The Town Hall is available to Town residents for various functions.

## **Health Care Facilities**

Some communities in Wisconsin have been designated by the U.S. Department of Health and Human Services as a Health Professional Shortage Area. Either a geographic area or a specific population can be designated as an HSPA. This designation is used to determine eligibility for at least 34 federal programs, and state programs. According to the Wisconsin Office of Rural Health portions of Ashland County have been designated as HSPA. About 20 percent of the U.S. Population live in areas designated as a shortage area. The Town of White River is not included in this designation.

Health care facilities available to Town residents include the Ashland Clinic, Grandview Health System Clinic, Marshfield Clinic, Memorial Medical Center, Flambeau Hospital, Chequamegon Clinic, Main Street Clinic and many other health care providers for specialized treatment. The County Human Services Department is available to serve social and health needs.

# Utilities and Community Facilities

Town of White River

## Nursing Homes

There are three nursing homes in Ashland County (Table 5). There are no nursing homes in the Town of White River.

| Nursing Home                  | Location                              | Number of Beds | Ownership Type                |
|-------------------------------|---------------------------------------|----------------|-------------------------------|
| Ashland Health / Rehab Center | 1319 Beaser Ave, Ashland              | 118            | Corporation                   |
| Court Manor Heath Rehab       | 911 3 <sup>rd</sup> St. West, Ashland | 150            | Corporation                   |
| Mellen Manor                  | 450 Lake Dr., Mellen                  | 40             | Limited Liability Partnership |

Source: Department of Health and Family Services

Additional facilities noted by the residents of White River include Forest Haven Elder Care and Shiloh Suites, Shiloh House 1 and Shiloh House 2.

## Cemeteries

There is a cemetery near the Sanborn Church which owns the cemetery.

## Childcare Facilities

Within Ashland County there are a total of 33 certified, and 30 licensed daycare programs with capacities ranging from 8 to 46 children. In the Town of White River there are not any licensed day care programs, but there are two certified programs (Table 6). A regulated program has either been licensed through the state or certified by Ashland County. A program's capacity does not necessarily reflect the number of children that are currently enrolled in programs. The capacity reflects the amount of children the program could possibly serve at any one time. Data generally shows that childcare demand outstrips supply locally, statewide and nationally. The cost of care plays a big part in household decisions about childcare arrangements.

| Location                      | Licensed  | Certified |
|-------------------------------|-----------|-----------|
| City of Ashland               | 26        | 28        |
| City of Mellen                | 2         | -         |
| Village of Butternut          | -         | 1         |
| Town of Jacobs (Glidden)      | 2         | -         |
| Town of White River (Marengo) | -         | 2         |
| Town of Ashland (Highbridge)  | -         | 2         |
| <b>TOTAL</b>                  | <b>30</b> | <b>33</b> |

Source: Ashland County Health and Human Services Department

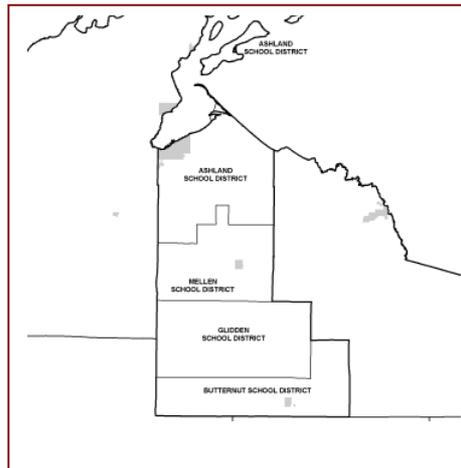
# Utilities and Community Facilities

*Town of White River*

## Schools

The Ashland School District currently serves school aged children in the Town of White River (Exhibit 2). Information about school aged children and the district schools they attend can be found in Tables 7 and 8. There is currently a school located within the Town boundaries. Currently, school enrollments are dropping. This is causing most schools within the county to reevaluate their services and determine the best way to provide for its residents and their school aged children. The Town will continue to work and communicate with the school districts to ensure that both district and Town needs are being met. The Town feels that the Marengo Valley School is an asset to the community. Another school that children within the Town are able to attend is Our Lady of the Lake Catholic School, an intermediate to primary education facility.

**Exhibit 2. Ashland County School Districts**



Source: US Census Bureau, 2000

**Table 7. White River School Enrollment 2000**

| Town of White River        | Number     | Percent     |
|----------------------------|------------|-------------|
| Nursery School, Preschool  | 13         | 4%          |
| Elementary school (K-8)    | 178        | 59%         |
| High school                | 90         | 30%         |
| College or graduate school | 19         | 6%          |
| <b>TOTAL</b>               | <b>300</b> | <b>100%</b> |

Source: 2000 US Census, Data Set SF-3

**Table 8. Schools Attended by White River Students**

| School                     | Location           |
|----------------------------|--------------------|
| Ashland High School        | Ashland, Wisconsin |
| Ashland Middle School      | Ashland, Wisconsin |
| Lake Superior Intermediate | Ashland, Wisconsin |
| Lake Superior Primary      | Ashland, Wisconsin |
| Marengo Valley Elementary  | Marengo, Wisconsin |

Source: Department of Administration



# Utilities and Community Facilities

*Town of White River*

## **Universities and Technical Schools**

In Wisconsin there are 16 technical college districts. The Town is located in the Wisconsin Indianhead Technical College district. The district includes 11 counties. Its campuses are located in Ashland, New Richmond, Rice Lake, and Superior. A 9-member board governs the district.

Other nearby post-secondary schools include Northland College, a four-year institution that is located in the City of Ashland, and Gogebic Community College which is a two-year institution located in Ironwood, Michigan.



# Agricultural, Cultural, & Natural Resources

*Town of White River*

## Agricultural Resources

America's farmland and open space are under ever increasing pressure from growth and development. Each year countless acres of rural land are developed. In partial response, the President has created "The President's Council on Sustainable Development". Between June 1993, and June 1999, the PCSD advised former President Clinton on sustainable development and developed bold, new approaches to achieve economic, environmental, and equity goals. From this effort, the United States Department of Agriculture (USDA) has committed itself to a number of new principals on sustainability.

Benefits to preserving rural land are sometimes hard to measure. For example, it is difficult to place a value on scenic areas. Lacking prices, it is difficult to develop economic benefit measures for preserving open space and agricultural land. However, while agricultural production can create environmental problems, properly managed farmlands provide non-market benefits including improving water and air quality and preserving wetlands. Farmland creates aesthetically pleasing landscapes and can provide social and recreational opportunities.



Conserving land for agriculture also helps preserve farming as part of the rural economy.<sup>1</sup>

Agriculture can co-exist with development and expanding populations while at the same time providing opportunities for growing new crops. However, farmers are often faced with changing their business practices to survive in urbanizing areas as the products and services they offer are no longer as valuable, or traditional delivery and marketing mechanisms are no longer feasible. To adapt to urbanization and its associated rising land values and increased contact with new rural residents, farmers must modify their operations to emphasize higher value products, more intensive production, or a more urban marketing orientation.<sup>2</sup> In the northern section of Ashland County there are a number of specialty crops. Most notable are the apples that are currently being grown in the area. In the City of Ashland, there is a farmers market that only allows the sale of organic foods.

National studies and county level plans have concluded that, on average, residential development requires approximately \$1.24 in expenditures for public services for every dollar generated in tax revenue. By contrast, farmland or open space generates 38 cents in costs for each dollar in taxes paid.

<sup>1</sup> Development at the Urban Fringe and Beyond: Impacts on Agriculture and Rural Land, Economic Research Service, U.S. Dept. of Agriculture. Agriculture Economic Report 803, June 2001.

<sup>2</sup> Development at the Urban Fringe and Beyond: Impacts on Agriculture and Rural Land, Economic Research Service, US Dept. of Agriculture. Agriculture Economic Report 803, June 2001.



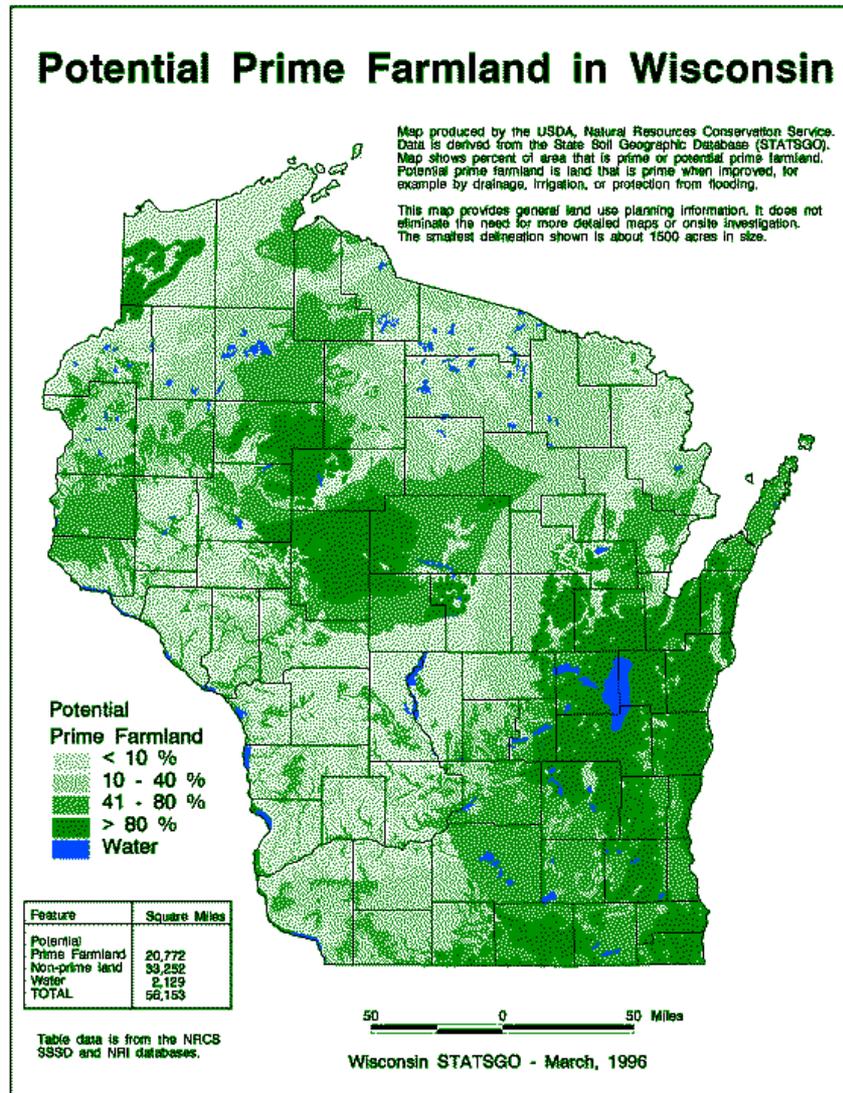
# Agricultural, Cultural, & Natural Resources

Town of White River

Predominantly focused in the upper Midwest, America's prime farmland regions coincide with our traditional notions of America's farm belt. While not containing as much prime farmland area as some other upper Midwest states, Wisconsin is still home to many acres of prime land. According to 1996 findings by the USDA/NRCS, Wisconsin is home to 20,772 square miles or 13,294,027 acres of prime farmland. This area represents approximately 38 percent of the State's entire area. Most of this land area can be found in the southern and eastern portion of the State (Exhibit 1). An additional concentration of prime farmland can also be found in the central portion of the State.

The highest concentrations of prime farmland can be found in the south central area and some of the northern portion of Ashland County. The northern coastal plain area of the County has a longer growing season due to its proximity to the lake and therefore, is a more viable area to grow crops than the southern portion of the County, which has a shorter growing season.

Exhibit 1.





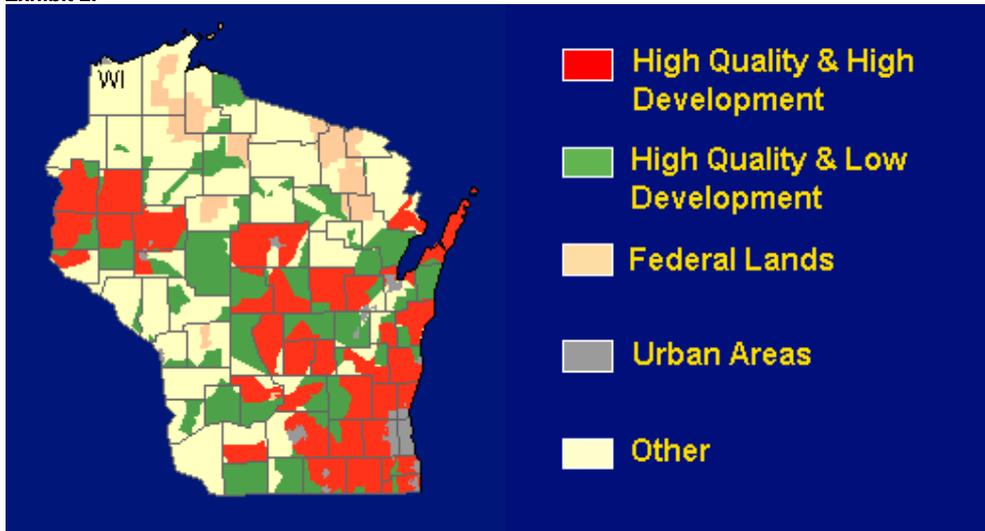
# Agricultural, Cultural, & Natural Resources

Town of White River

As further development is considered in the Town, careful consideration of the lands potential productivity must be understood in order to protect this valuable community resource.

Exhibit 2 portrays high quality farmland in Wisconsin by highlighting sub-county geographic areas that meet two threshold tests that define the importance and vulnerability

Exhibit 2.



of the land they encompass:

*High Quality* farmland includes areas that, in 1992, had relatively large amounts (greater than their respective statewide averages) of prime or unique farmland.

*High Development* includes areas that experienced relatively rapid development (greater than their respective statewide averages and having at least 1,000 acres of urban conversion) between 1982 and 1992.

*Other* includes all areas not meeting the two threshold tests.

*Unique farmland* was defined to include areas where unique soil and climate conditions support the growth of specialty crops.<sup>3</sup>

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<sup>3</sup> Data is from the National Resources Inventory of 1992, by the National Resources Conservation Service of the U.S. Department of Agriculture. The urban built-up areas are defined by the Bureau of Census, U.S. Department of Commerce (1991). © 1996 American Farmland Trust



# Agricultural, Cultural, & Natural Resources

*Town of White River*

## **Best Management Practices**

There are Best Management Practice (BMP) Guidelines that have been identified for the Wisconsin Portion of the Lake Superior Basin. Within this document (*Best Management Practice Guidelines for the Wisconsin Portion of the Lake Superior Basin, March 2003*), there are identified practices and management actions that will improve farm operations, reduce farm runoff to surface water, restore areas manipulated by farm activities, improve cover in riparian corridors, and improve fish and wildlife habitat. It is advisable that jurisdictions in Ashland County review these BMPs when projects begin on farmland or in natural areas.

## **Exclusive Agricultural Zoning Ordinances**

At the State level, efforts to protect agricultural lands have been underway for many years. Principal among the State's many programs aimed at farmland and agricultural protection is the authority granted to counties and local governments to adopt Exclusive Agricultural Zoning Ordinances. According to the Wisconsin Department of Agriculture, Trade, & Consumer Protection, the authority to create Exclusive Agriculture Districts has been granted by the legislature to help local units of government best prevent conflicts between agricultural and nonagricultural land uses. By establishing an exclusive agricultural use district, a local government effectively decides that agricultural uses of land are appropriate in that district. An exclusive agricultural zoning ordinance can be adopted by any county or municipality in a county that has a certified agricultural preservation plan in effect. Ashland County does not have an agricultural zone.

## **Department of Agriculture, Trade and Consumer Protection**

Preserving Wisconsin's valuable farmland is important to the Department of Agriculture, Trade, and Consumer Protection. This program assists counties in creating county agricultural preservation plans, which lay the groundwork for municipalities and the county to develop exclusive agriculture zoning districts. Farmers also can participate by signing an individual, long-term agreement. The farmland preservation program provides state income tax credits to farmers who meet the program's requirements: to meet soil and water conservation standards, and to use the land only for agriculture.

It can be noted that while exclusive agricultural zoning has been available for many years, Ashland County has yet to take advantage of it.

The 1997 U.S. Census of Agriculture revealed a number of interesting findings related to the growth and development of Ashland County.

- ◆ Land in Farms – decreased 9.2 percent from 51,208 acres in 1992 to 46,503 acres in 1997.
- ◆ Average Size of Farms – decreased 259 acres in 1992 to 250 acres in 1997.
- ◆ Full Time Farms – decreased 6.1 percent from 198 farms in 1992 to 186 farms in 1997.

The amount of land, the number of fulltime farms, and the average size of farms, all experienced a decrease. The trend leads to speculation that more farms are being operated as a hobby by long time residents and/or newcomers to the area.

While the number of farming operations in Ashland County is currently decreasing, the land values of the local farmsteads are increasing. In 1987, the average total farm value



# Agricultural, Cultural, & Natural Resources

*Town of White River*

(land and buildings), was at \$95,648. In 1997, the average value had grown to \$165,770, an increase of 73 percent over the ten-year period.

It appears that agriculture will continue to play a limited role in the County in the future. If current trends are allowed to continue, questions on development patterns of agricultural lands in the County may need to be addressed. This will have a bigger impact as development in the northern coastal plane reaches the most viable farming land in the County.

In the northern part of the State, the most predominant type of crop is trees. This is also the case in Ashland County. There are many more forested acres of land here than of cultivated land. Countywide, many towns do not have much farmland within their boundaries. The City of Mellen and the Village of Butternut have small amounts of agricultural land within their boundaries. Many residents have noted that an increasing number of landowners are deciding to return the land that is now agricultural cropland into forested land. Some of those property owners are using the land as sport hunting and others are interested in utilizing their forestland as a managed crop area.

The Town has a strong desire to preserve and protect its rural character. Specifically, the Town wishes to comply with S. 16.965(4), Wis. Stats.: Goal #4 - "Protection of economically productive areas, including farmland & forests."

## **Available Funding**

The following is a possible grant source for agriculture-related activities in the Town.

### ***Agricultural Development and Diversification (ADD) Grant – Department of Agriculture, Trade and Consumer Protection (DATCP)***

Provide grants to fund demonstration projects, feasibility analysis, and applied research directed toward new or alternative products, technologies, and practices that will stimulate agricultural development and diversification of economic activity within agriculture.

*Program Contact: Mike Bandli, DATCP [mike.bandli@datcp.state.wi.us](mailto:mike.bandli@datcp.state.wi.us)*



# Agricultural, Cultural, & Natural Resources

Town of White River

## Natural Resources

A definite ethic of caring for the land has existed in Ashland County since the first settlers in the early 1800s. Water is a very important resource within the County. The majority of the County's land includes forested land at 526,600 acres, agricultural land at 33,377 acres, including 548 miles of streams, 4,855 acres of lakes, and 170,000 acres of wetland.

### Land Management Factors (LMF)

With cooperation from the University of Wisconsin Center for Land Use Education (CLUE), communities in Ashland County participated in two Saturday afternoon mapping workshops. Individuals from each of the jurisdictions met to discuss factors that influence land management and growth throughout the county. These factors were then mapped, in addition to land uses, and became countywide Land Management Factor maps. The maps indicate natural features that have an impact on land management and growth. They identify areas that can best accommodate new growth by first identifying the natural, cultural, and regulatory factors that restrict, limit, or modify new development. The maps were then used individually by each community to develop a future land use map.

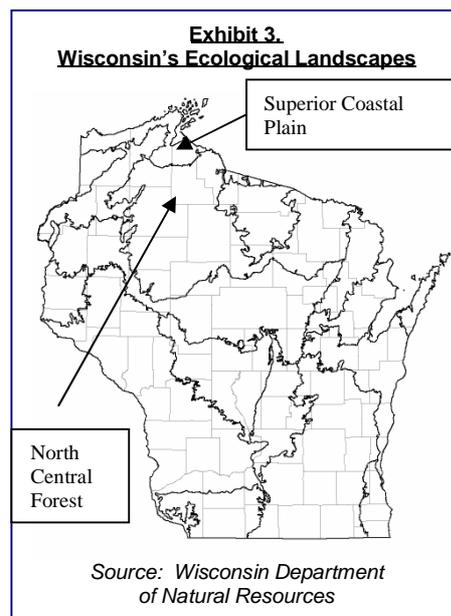
### Coastal Resource Management

As part of the Comprehensive Plan, the County received grant funds from Wisconsin Coastal Resource Management to incorporate Coastal Resource Planning into the Plan document. The Coastal Resource Area map located in this element depicts the coastal resource area and the watersheds that are found within it. The Coastal Resource Area map clearly shows the boundary of the planning area. This boundary has also been included on each of the maps that are found in this element. The Coastal Planning Area is 340,421 acres in size. The coastal boundary is also the boundary for the Lake Superior Basin.

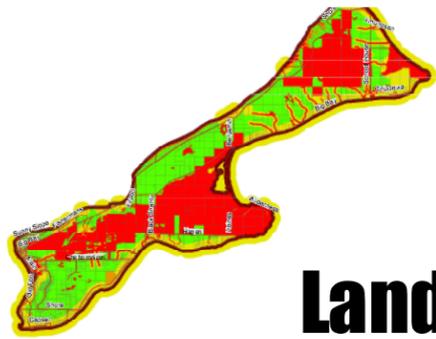
It is the intent of Coastal Resource Planning to identify applicable planning measures and natural resources, as well as goals, objectives, and policies that relate to Coastal Management Planning.

### General Setting:

The Town is located within the North Central Forest, as defined by the Department of Natural Resources (Exhibit 3).

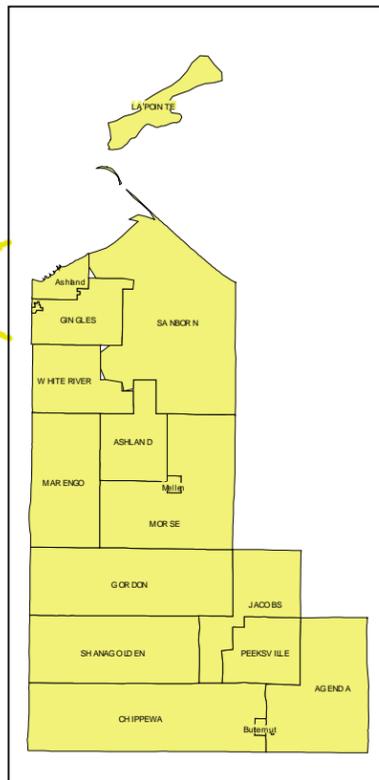
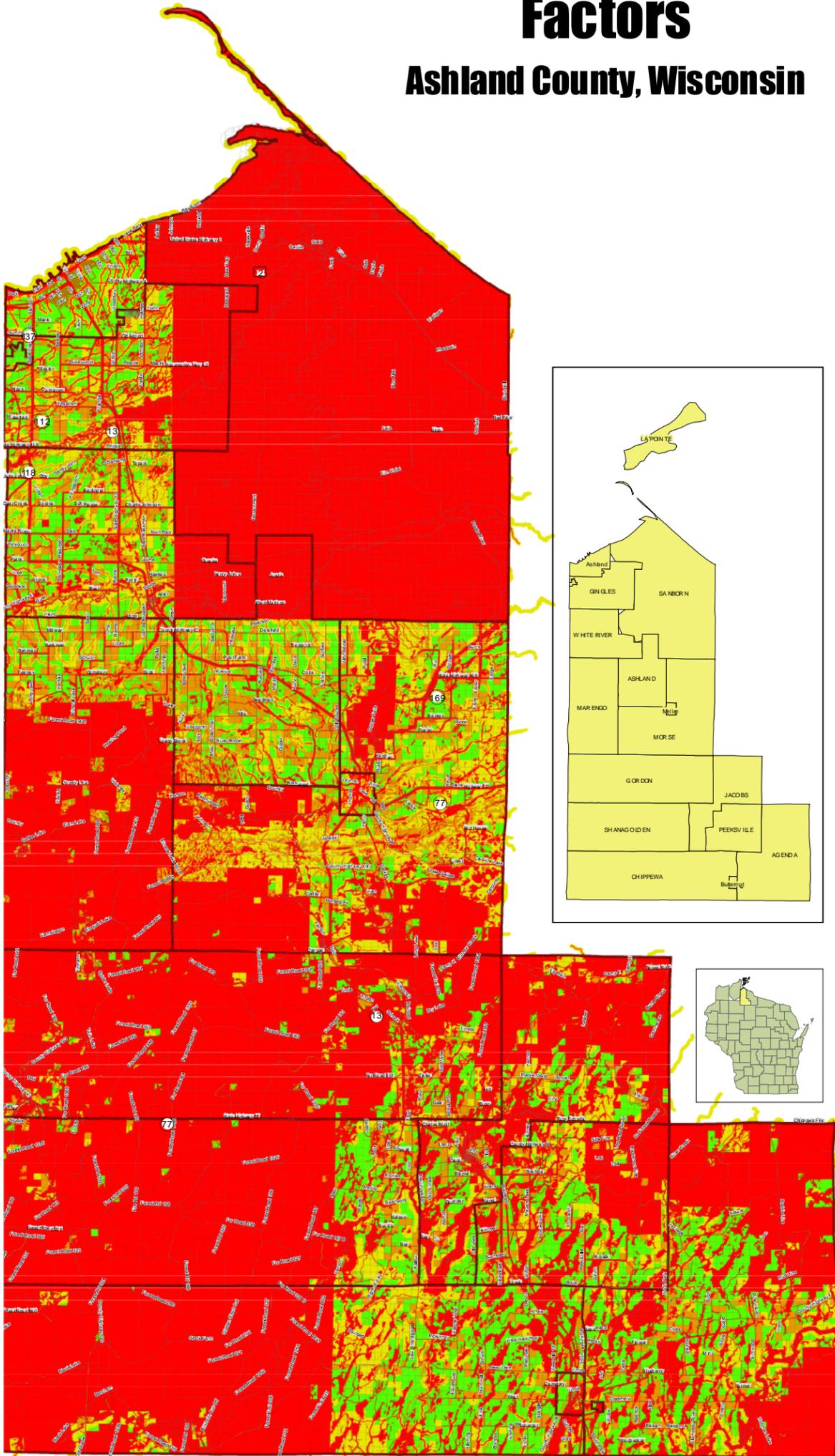






# Land Management Factors

## Ashland County, Wisconsin



## Comprehensive Planning 2005 - 2025

[www.uwsp.edu/cnr/landcenter/landproject/ashland.html](http://www.uwsp.edu/cnr/landcenter/landproject/ashland.html)

### Map Description

This map displays land management factors (LMF) for Ashland County, Wisconsin. The LMF map identifies areas that can best accommodate new growth by first identifying the natural, cultural, and regulatory factors that restrict, limit, or modify new development. For example, development is restricted from surface waters and road right-of-ways, while development can occur on steep slopes with engineering modifications.

The map is intended to be used by local units of government to help guide their local land use policy regarding where and how future development should occur.

Land Management Factors can be helpful to:

1. Identify areas where growth should be restricted, limited, or modified
2. Identify areas that can best accommodate development
3. Move the debate from "Where should we grow?" to "How should we grow?"

The menu of land management factors were identified by the Strategic Mapping Focus Group on September 11, 2004. The Focus Group consists of nine members representing various local planning committees throughout Ashland County. The Center for Land Use Education provided facilitation and mapping skills to compile this map.

### Legend

#### Land Management Factors

- Major Highways
  - Roads
  - Trails
  - Railroads
  - Surface Water
  - Tribal
  - Surface Water Setback (75ft)
  - Public Lands
  - Wilderness Preserve
  - Slopes > 20 Percent
  - DNR Wetland Inventory
  - 100 - year floodplain
  - 500 - year floodplain
  - Industrial
  - Institutional
  - Commercial
  - Residential
  - Slopes > 12 Percent
  - Managed Forest Law (open)
  - Managed Forest Law (closed)
  - Forest Crop Law
  - Shoreland Zone (1000/300ft)
  - Remaining Land
- Factors displayed in red are those that do or should RESTRICT future development.**
- Factors displayed in orange are those that do or should LIMIT future development.**
- Factors displayed in yellow are those that should MODIFY future development.**
- Land shown in green DO NOT restrict, limit, or modify future development.**

### Sources

Surface water features from Wisconsin Department of Natural Resources (DNR) 1:24,000-scale hydrography data model (version 3). Mapped from several 1:24,000-scale sources. Contact Bradley Duncan, DNR GIS Data Specialist for more information. [Bradley.Duncan@dnr.state.wi.us](mailto:Bradley.Duncan@dnr.state.wi.us).

Shoreland zone and 75 foot hydrology setback created from DNR hydrography data model (version 3) by Douglas Miskowiak, Center for Land Use Education. The data in this map is not intended to be used for regulatory purposes. The actual locations of the ordinary high water mark, 75-foot setback, and shoreland zone need field verification.

Wetland features from Wisconsin Department of Natural Resources (DNR) Fisheries Management and Habitat Protection Digital Wisconsin Wetland Inventory. Polygons digitized from 1:24,000-scale Wisconsin Wetland Inventory maps. Wetlands shown are those greater than five acres.

Floodplains derived from the Flood Insurance Rate Maps (FIRMs) published by the Federal Emergency Management Agency (FEMA). Mapping specifications are consistent with those requirements for mapping at a 1:24,000-scale. Hardcopy FIRM maps were either manually digitized or scanned and vectorized. Floodplains digitized from .tiff documents obtained from DNR. Rubber sheeting techniques employed to best fit floodplains to Ashland County aerial photography. Floodplains digitized by Todd Gooch, Point North Inc., September 25, 2003.

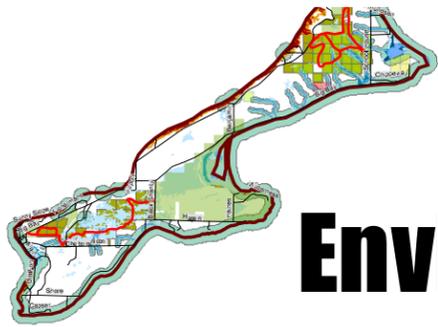
Steep slopes created using the 30 meter digital elevation model and ArcMap8.3 spatial analyst extension and surface analysis slope functionality.

Tribal lands from the Wisconsin Department of Natural Resources, 1998.

Developed parcels based from citizen land use field surveys from Vierbicher and Associates Land use attributes overlain on ownership parcels by Douglas Miskowiak, Center for Land Use Education.

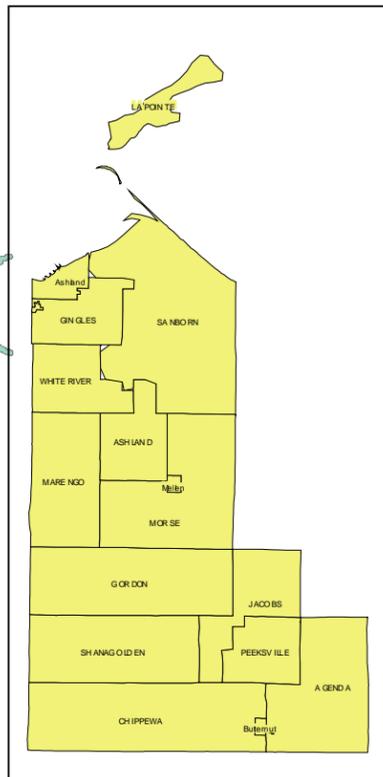
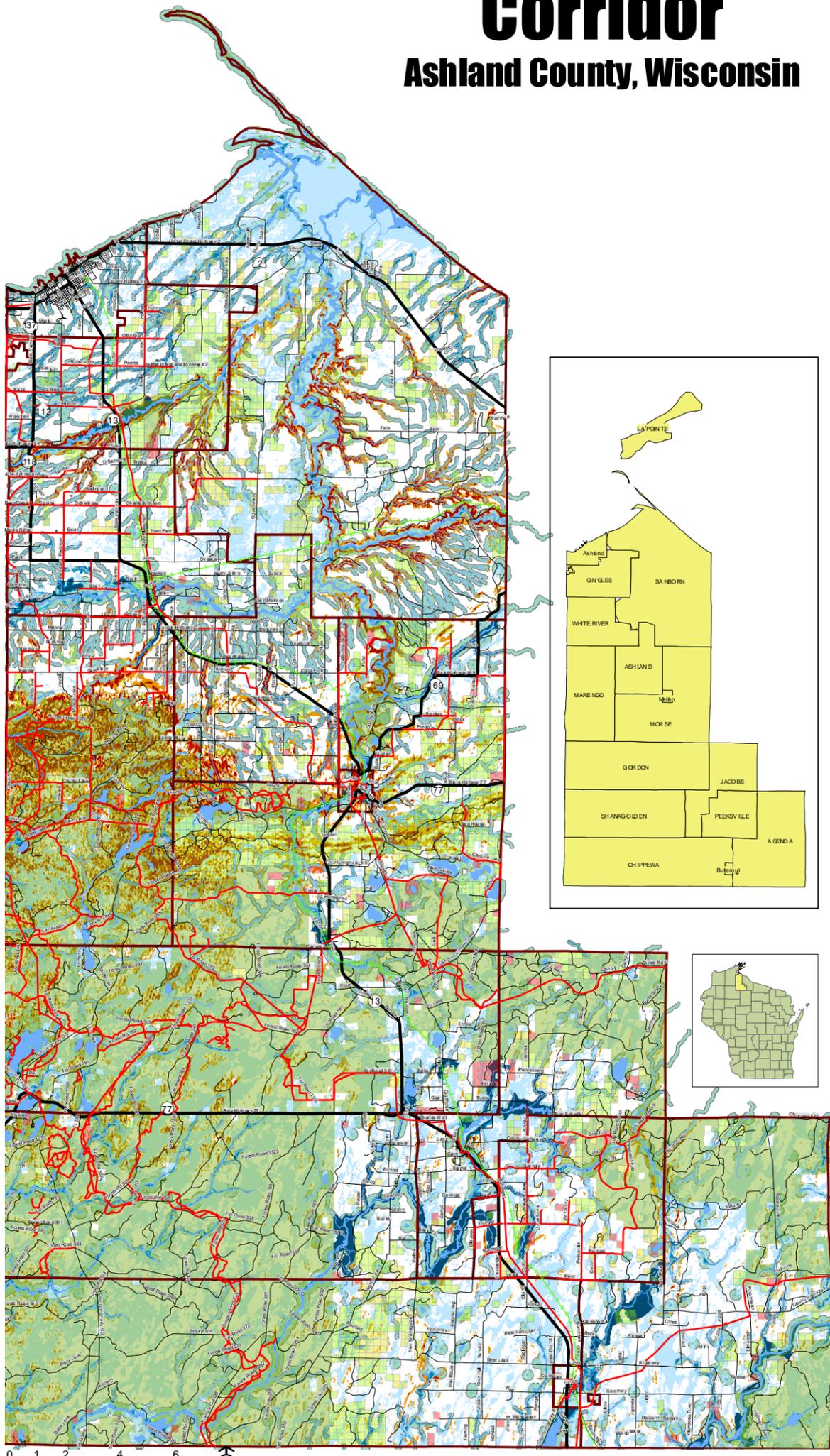


Map created by Douglas Miskowiak,  
Center for Land Use Education (CLUE)  
September, 2004.



# Environmental Corridor

## Ashland County, Wisconsin



### Comprehensive Planning 2005 - 2025

[www.uwsp.edu/cnr/landcenter/landproject/ashland.html](http://www.uwsp.edu/cnr/landcenter/landproject/ashland.html)

#### Map Description

This map displays environmental features that contribute to an environmental corridor concept for Ashland County, Wisconsin. The environmental corridor displays areas to consider for enhanced environmental management or protection. This map makes no local policy recommendations. The map is intended to be used by local units of government to help guide their local land use policy and enhance inter-governmental cooperation regarding natural and cultural resources.

Environmental corridors can be helpful to:

1. Enhance recreational opportunities
2. Protect water quality
3. Provide wildlife habitat
4. Safeguard aesthetic values
5. Provide opportunities for development

The menu of environmental features were identified by the Strategic Mapping Focus Group on September 11, 2004. The Focus Group consists of nine members representing various local planning committees throughout Ashland County. The Center for Land Use Education provided facilitation and mapping skills to compile this map.

#### Legend

Note: For cartographic purposes public lands, forest crop lands, and managed forest lands were made transparent. Colors of environmental features where they overlap with these transparent features may vary from that shown on the legend.

#### Environmental Features

- Surface Water
- Surface Water Setback (75ft)
- Shoreland Zone (1000/300ft)
- DNR Wetland Inventory
- 100 - year floodplain
- 500 - year floodplain
- Slopes > 20 Percent
- Slopes > 12 Percent
- Public Lands
- Trails
- Managed Forest Law (open)
- Managed Forest Law (closed)
- Forest Crop Law
- Wilderness Preserve

#### Context Layers

- Major Highways
- Roads
- Railroads
- Minor Civil Divisions

#### Sources

Surface water features from Wisconsin Department of Natural Resources (DNR) 1:24,000-scale hydrography data model (version 3). Mapped from several 1:24,000-scale sources. Contact Bradley Duncan, DNR GIS Data Specialist for more information. [Bradley.Duncan@dnr.state.wi.us](mailto:Bradley.Duncan@dnr.state.wi.us)

Shoreland zone and 75 foot hydrology setback created from DNR hydrography data model (version 3) by Douglas Miskowiak, Center for Land Use Education. The data in this map is not intended to be used for regulatory purposes. The actual locations of the ordinary high water mark, 75-foot setback, and shoreland zone need field verification.

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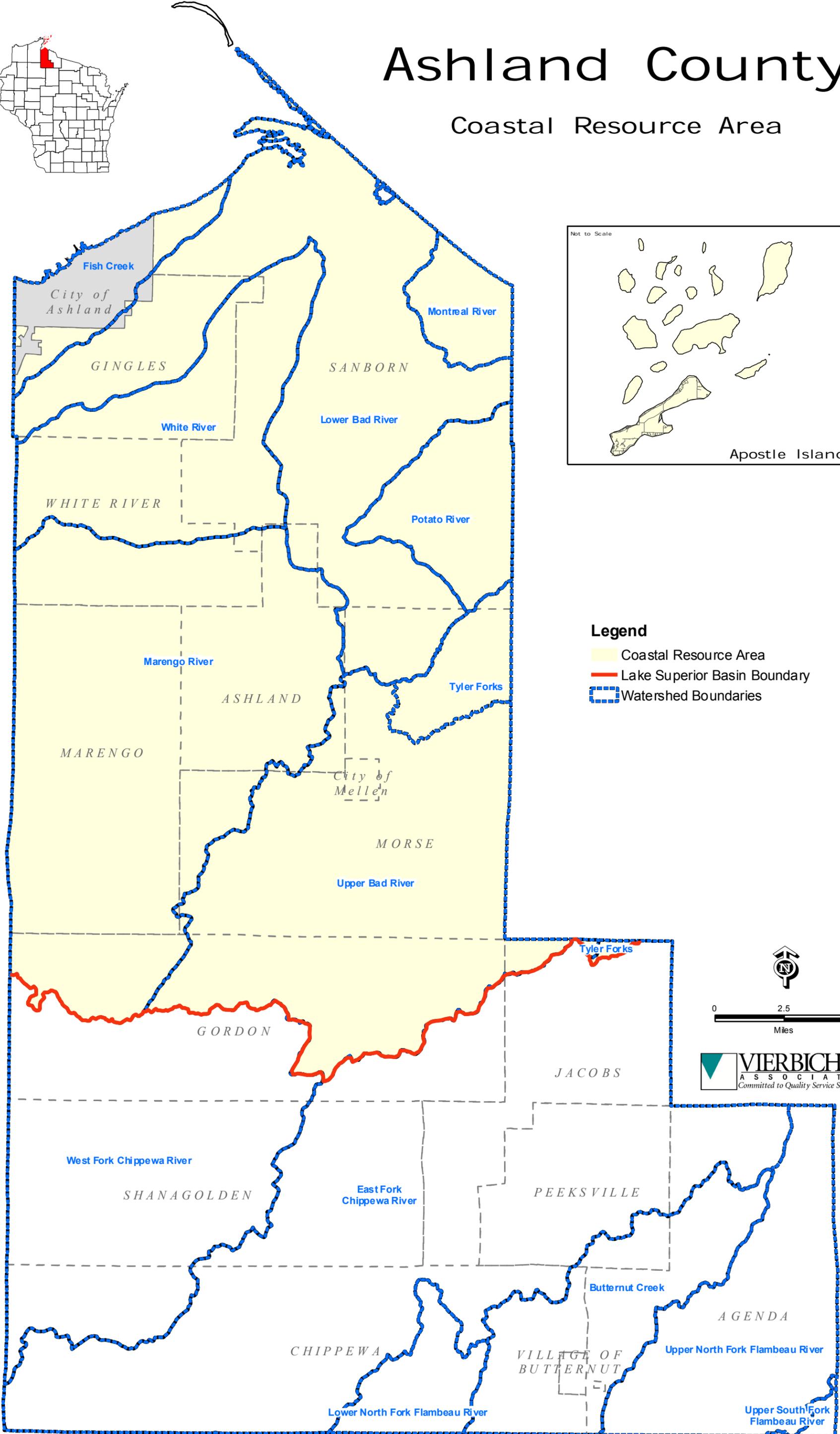
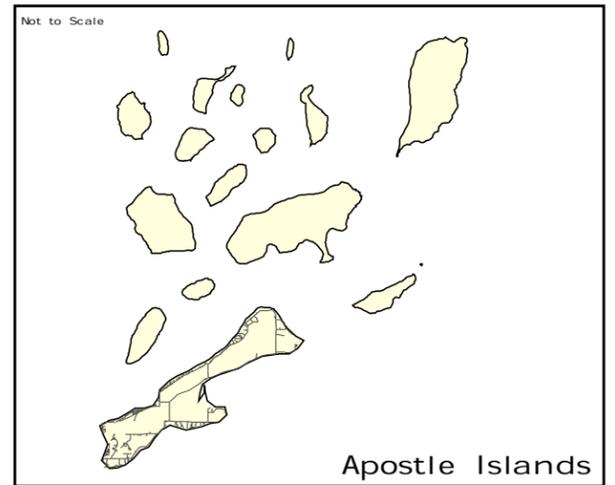
Steep slopes created using the 30 meter digital elevation model and ArcMap8.3 spatial analyst extension and surface analysis slope functionality.



Map created by Douglas Miskowiak,  
Center for Land Use Education (CLUE)  
September, 2004.

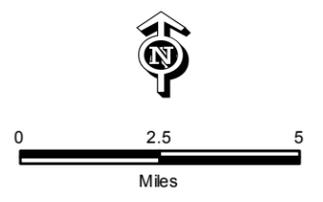
# Ashland County

## Coastal Resource Area



### Legend

- Coastal Resource Area
- Lake Superior Basin Boundary
- Watershed Boundaries





# Agricultural, Cultural, & Natural Resources

*Town of White River*

## *Attributes and Characteristics of the Superior Coastal Plain*

The Towns of La Pointe, Sanborn, Gingles, White River, and sections of Marengo, Ashland, and Morse are located in the ecological landscape that is centered on the low plains of Lake Superior's south shore. Two large pockets of this low plain occur in Wisconsin: one between the City of Superior and Port Wing and the other between Ashland and the Montreal River. The Bayfield Peninsula ridge splits these low plains. This ecological landscape includes the near-lake portion of the ridge, as well as the Apostle Islands. An escarpment rising several hundred feet above the plain marks this ecological landscape's southern boundary. Underlying this landscape is a thick band of clay deposited when lake levels were considerably higher. Outcroppings of sandstone bedrock occur along the northern margin of the Bayfield Peninsula and along the shores of some of the Apostle Islands.

There are very few natural lakes within this landscape but many small rivers and streams dissect the lake plain and peninsula. Soils are moderately well drained (on the peninsula) to poorly drained (where the red clay is near the surface). Before European settlement, white pine, balsam fir, white spruce, and paper birch were the dominant trees in the area. This was the only area in the State to support sizable tracts of boreal forest. Trembling (quaking) aspen is now dominant throughout the landscape as a result of past disturbance and management for earlier succession forests. Boreal forest remnants consisting of spruce, fir, white pine, and associated hardwoods (aspen, balsam poplar, white birch, and red maple) still exist.

The majority of this ecological landscape remains forested, with only a small amount of the land being used for agriculture. Urban development threatens some coastal wetlands. The Kakagon-Bad River Sloughs are of special ecological concern. Public lands within this area include the Apostle Island National Lakeshore, Chequamegon National Forest, Brule River State Forest, St. Louis River Streambank Protection Area, Superior Municipal Forest, and several State Parks and Natural Areas.

## *DNR Legacy Places*

In 2000, the DNR comprised a list of places that were believed to be critical in meeting conservation and recreation needs. The criteria were applied to identify specific places using data on the distribution of various ecological, population, and geographical features. The Legacy Places were then categorized under which ecological landscape they fall under (Exhibit 3). Values were then given to each of the places based on size, the amount of protection initiated, the amount of the area that still needs protection, its conservation significance, and its recreation potential.



*Big Bay State Park – Madeline Island. (Photo: DNR)*



# Agricultural, Cultural, & Natural Resources

*Town of White River*

In the Superior Coastal Plain area, there are several LegacyPlaces. Some key characteristics of this area are the coastal estuaries, sandscapes, boreal conifer-hardwood forest, shoreline cliffs, red clay soils, and concentrations of migratory birds. The extensive, high quality coastal wetlands and estuaries in this area provide critical habitat for many migratory songbirds, waterfowl, shorebirds, and rare plants. In addition to the important wetland areas, the shoreline also consists of many sandstone cliffs and clay bluffs that are home to many rare plant species.

The Bad River Legacy Place consists of the area that the Bad River flows through. Starting in the Penokee-Gogebic Range it quickly drops through deep forests down to lowland forests and then out to sloughs where it flows into Lake Superior. Many other high quality waters feed this river, notably the White, Marengo, Burnsweiler, Potato, and Tyler Forks Rivers. The lower stretches of the Bad and White Rivers flow through the Bad River Indian Reservation. Copper Falls State Park is a Legacy Place because of the areas of canyons, streams, and waterfalls that are found within the Park.

At the mouth of the Bad River are some of the largest and highest quality coastal wetland in the Great Lakes region. This is characterized as the Chequamegon Point-Kakagon Slough Legacy Place. Along with these wetlands is a long narrow sandspit, Chequamegon Point-Long Island, which provides critical nesting and resting habitat for many migratory waterfowl, shorebirds, and songbirds. This vast wetland complex of sloughs is also an important spawning and nursery area for many fish species.

Big Bay State Park is also considered a Legacy Place. This large area is located on the Eastern Coast of Madeline Island and contains a coastal barrier spit, beach and dunes, xeric pine forest, lagoon, and a diverse array of peatlands. Coastal fen, coastal bog, shrub swamp, and tamarack swamp border the lagoon. An abandoned sandspit, now three-quarters of a mile inland from Lake Superior, separates a much more acid complex of peatland types, including open bog, muskeg, and black spruce swamp, from the more mineral-rich types to the east. The primary coastal spit is mostly forested, with all three pine species native to the State present.

## **Soils**

Currently, there is limited soil data available for Ashland County. According to the Ashland County Forest 10-Year Plan (1996), the soils of the County are largely derived from the weathering of the glacial drift deposits and show a great variation within relatively short distances. Water action, wind, and the accumulation and incorporation of organic material since the glacial period have modified the soils. Soil types within the County are not generally found in extensive continuous areas of any one soil classification, but are scattered in smaller groupings. The majority of the soils in the County are loamy and silt, soils over loamy till, and sandy loam soils over outwash plains. The basic soil components are sand, gravel, silt, clay, and organic material. The different soil types are composed of various combinations of each component. Soils in the Town of White River may include forested silty soils, forested loamy soils, or forested sandy soils (UW Extension Wisconsin Geological and Natural History Survey, 1993). A soil survey for Ashland County should become available in 2005.



# Agricultural, Cultural, & Natural Resources

Town of White River

## Mineral Resources

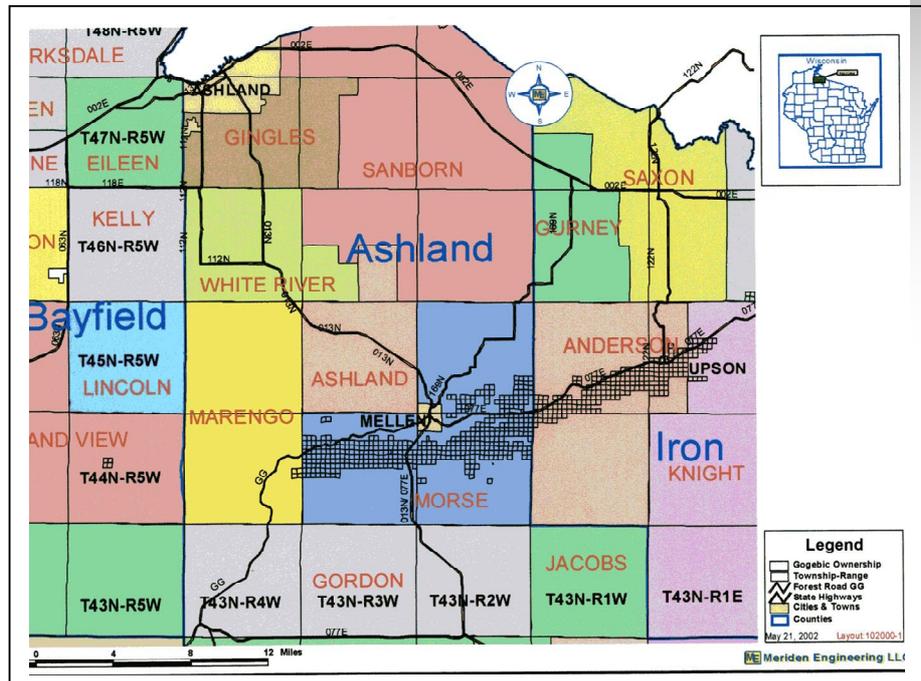
### *Metallic*

Bedrock in some areas of northern Wisconsin contains metallic minerals. In some localized areas, significant concentrations of these metallic minerals may be appropriate for economic development, depending on local geology, price of metal, and environmental review and permitting processes. The potential and pace for metal mining in northern Wisconsin is affected by the geology of the region, by the prices for metals

on national and international commodities markets, and by the time involved in completing the State's environmental review and permitting processes. When a mining company has completed exploration drilling of a metallic mineral deposit and has determined that the prospect contains economically viable amounts of recoverable minerals, the company must decide whether to initiate the formal metallic mining permitting process. This process involves receiving licenses and permits from the DNR.

There is a large amount of iron ore that remains in the County. The area where the metal is concentrated is known as the Gogebic Iron Range and a majority of either the land or the mining rights to the area is owned by the La Pointe Iron Company (Exhibit 4). The Company has developed a conceptual iron/taconite mining development area that includes land in the Towns of Marengo and Morse. There are areas that are found in Bayfield and Iron Counties; however, the majority of the property is located in Ashland County. The mining plans for the area are still in the planning stages and the La Pointe Iron Company has expressed interest in working with the County and its residents to create future plans for this land.

Exhibit 4. La Pointe Iron Company Land Ownership



Source: La Pointe Iron Company & Meriden Engineering LLC



# Agricultural, Cultural, & Natural Resources

*Town of White River*

## ***Nonmetallic***

Another asset of Ashland County and the Town of White River is the potential accessibility of non-metallic resources. These resources can provide for economic activity within the Town. However, these resources also represent potential erosion concerns and groundwater infiltration concerns. These must be carefully managed so as to avoid any potential negative impacts through their development and use. If accessed and used, it is critical that mitigation plans be put into place in order to ensure a pre-disturbance landscape in appearance and usability once they have yielded their resources. Additional concerns about noise, hours of operation, dust, and blasting impacts are also common.

NR135 of the Wisconsin Administrative Code establishes a statewide program regulating nonmetallic mine reclamation. As of September 2001, nonmetallic mines may not operate without a reclamation permit. The program is administered at the local level. These mines are required by law to develop a reclamation plan that will designate an approved land use once mining operations have ceased. Mines need to be in compliance with NR216 and they need to secure stormwater permits. Both private and municipally owned mines are required to obtain such coverage. Registration allows for identification, preservation, and planning for future development of marketable resources. According to Ashland County there are no active non-metallic mines in White River. There are a total of 38 non-metallic mines in the County, seven of which are inactive.

## ***Water Resources***

Within Ashland County, there are 85 lakes, 96 flowages, and 548.1 miles of streams, of this number there are 257.7 miles of streams that are classified as trout streams. There are two different watersheds in Ashland County. Streams located in the northern basin flow into Lake Superior, and streams in the southern portion of the county (south of the Great Divide) flow into streams that eventually enter the Mississippi River.



As part of this comprehensive planning process, a document entitled *Ashland County's Water Resource: Issues and Recommendations* was prepared by the Center for Land Use Education. This document was prepared to highlight critical water issues the region is facing, and recommend multiple strategies that could be implemented to address these issues. The entire document can be found in Appendix A of the Agricultural, Cultural, and Natural Resources Element in the Countywide Plan.

## ***Ground Water***

Wisconsin is a state with a large quantity of groundwater. There have not been any concerns about the availability of good quality groundwater in or near the Town. According to the Ashland and Bayfield County Land and Water Resource Management Plan, groundwater is found under nearly the entire county and is generally of very good quality.



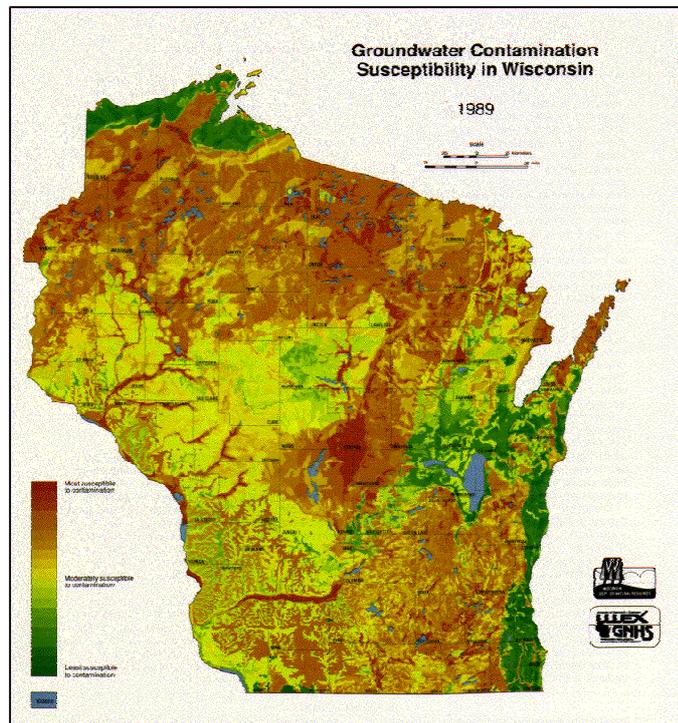
# Agricultural, Cultural, & Natural Resources

Town of White River

A Wisconsin Geological and Natural History Survey map delineates groundwater susceptibility to contamination based on five physical resource characteristics. These characteristics are the type of bedrock, depth to bedrock, depth to water table, soil characteristics, and surficial deposits. Based on these characteristics, the area near the Town is moderately susceptible to contamination.

The Department of Natural Resources maintains a Groundwater Retrieval Network Database, which includes monitoring data from public and private water supply wells. A review of this database indicates that there has been a number of monitoring results that exceed the preventative action limit (PAL) for:

- ◆ Nitrate (NO<sub>3</sub>): Water normally contains a very small amount of nitrate, but elevated nitrate levels indicate contamination. Some common sources of nitrate contamination include individual septic systems, sewage treatment plants, fertilizers, and animal waste.
- ◆ Coliform: Coliform bacteria are found in the feces of humans and other animals, as well as in surface water. Their presence in groundwater (wells) shows that unfiltered or poorly-filtered surface water or near-surface waters have found their way into the groundwater or entered through an opening in, around, or at the top of the well casing.



There are also some wells that exceed limits for metals in the water. Metals in groundwater can be naturally occurring or the result of human activities. For example, iron is a common, naturally occurring metal, while cadmium and chromium are associated with metal plating operations. Other elements are often found affiliated with metals. Although exceeding the PAL is not a violation of the groundwater rules, it does serve as a “trigger” for remedial actions to reduce the concentration of the substance below the PAL.

## Surface Water

The Town is located in the Lake Superior River Basin (Exhibit 5), which includes the watersheds of Fish Creek, Lower Bad River, Montreal River, White River, Marengo River, Tyler Forks, and Upper Bad River. There are several streams, lakes, and rivers in the region that are experiencing problems as a result of increased amounts of sediment due to erosion. The County encourages that BMPs be utilized when activities affecting transportation or



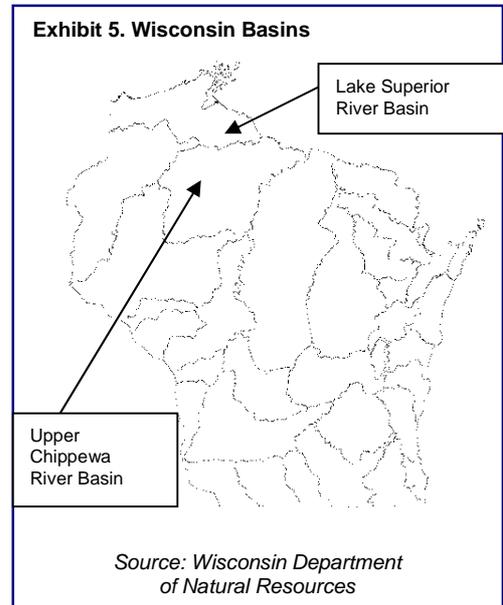
# Agricultural, Cultural, & Natural Resources

*Town of White River*

building occur. There are also many other activities that could impact the stability of the soil in an area. Current research indicates that the percentage of forest cover within a watershed will significantly affect peak flows within the area. Erosion and resulting sedimentation within the region is due to high peak flows (*Ashland County Water Resources*).

The County has prepared a lake classification guide. Lakes have been placed into the following classes (not all lakes have been given a classification):

- ◆ Class 1 lakes are large and highly developed. Minimum allowed lot sizes here are 30,000 square feet, minimum lot width is 150 feet, and minimum lot depth is 200 feet.
- ◆ Class 2 lakes are less developed and more sensitive to development pressure. Minimum allowed lot sizes here are 40,000, minimum lot width is 200 feet, and the minimum lot depth is 200 feet.
- ◆ Class 3 lakes are usually small, have little or no development, and are very sensitive to development pressures. It is important to note that the County has given rivers and streams the same standards as Class 3 lakes. Minimum allowed lot sizes here are 62,500 square feet, minimum lot widths are 250 feet, and the minimum lot depth is 250 feet.



There are no lakes located in the Town of White River.

## ***Floodplains***

The floodplain is land that has been, or may be, covered by floodwater during the 100-year flood. It is also described as the flood level that has a one percent chance of occurring in any given year. Floodplain locations are determined by FEMA. If a property is located within a floodplain that has been identified by FEMA then that property owner is required to purchase flood insurance for their home. Development in the floodplain reduces the floodplain's storage capacity, causing the next flood of equal intensity to crest even higher than the last. The Town of White River has some areas located in a floodplain (See Wetland and Floodplain Map).

## ***Wetlands***

Wisconsin's wetlands provide a variety of critical functions, they provide habitat for wildlife, store water to prevent flooding, and protect water quality. However, wetlands continue to be destroyed and degraded, as they are drained and filled for agriculture, development, roads, and are impacted by pollutants.

According to the Wisconsin Wetlands Inventory, Ashland County contains 168,388 acres of wetland, comprising 25.2 percent of the County's total land area, and 3.1 percent of the State's wetlands. This data is based on aerial photography and includes only wetlands larger than two acres. As a result, the wetland acreage numbers are likely to undercount the existing wetland area. For wetland locations please see the Wetland and Floodplain Map.



# Agricultural, Cultural, & Natural Resources

*Town of White River*

The DNR has profiled larger wetland areas that are found in the County. The Bad River-Kakagon Slough is mainly located in the Town of Sanborn and on the Bad River Reservation. It contains major wetland communities including emergent marsh, coastal fen, coastal bog, tamarack swamp, and shrub swamp. There are 18 rare elements of either bird, fish, or plant habitat that have been identified. These rare elements are included in the Wisconsin Heritage Inventory, that is located later in this element. The second identified large wetland complex is the Long Island-Chequamegon Point area. This is Lake Superior's most extensive, and least disturbed coastal barrier spit. Many types of plants and animals are found here. There are 15 rare elements of beetle, bird, community, grasshopper, and plant that have been identified for the area. These can also be found in the Wisconsin Heritage Inventory. The third large wetland area that has been identified is the Big Bay Wetland, located in the Town of La Pointe. This area is located within a state park and a town park and has been designated as a state natural area. There are 22 rare elements of bird, butterfly, community, and plants that are found here. These rare elements are listed in the Wisconsin Heritage Inventory.

Phase II of the DNR's *Coastal Wetland Assessment* prioritized wetland areas in the State. The assessment ranks ecological significance and the priority that each of the wetland are ranked for the need of future surveys. Out of the 28 wetland sites on Lake Superior, the assessment concentrated on five of the wetlands located in Ashland County. The wetland areas are:

- ◆ Kakagon-Bad River Slough
- ◆ Outer Island Sandspit and Lagoon
- ◆ Big Bay Wetlands
- ◆ Stockton Island Tombolo
- ◆ Long Island-Chequamegon Point
- ◆ Hoffman Lake

In both of the rankings, the wetlands in Ashland County fell in the top 20 for known ecological significance, and the need for future field surveys due to data gaps.

### ***Point Sources***

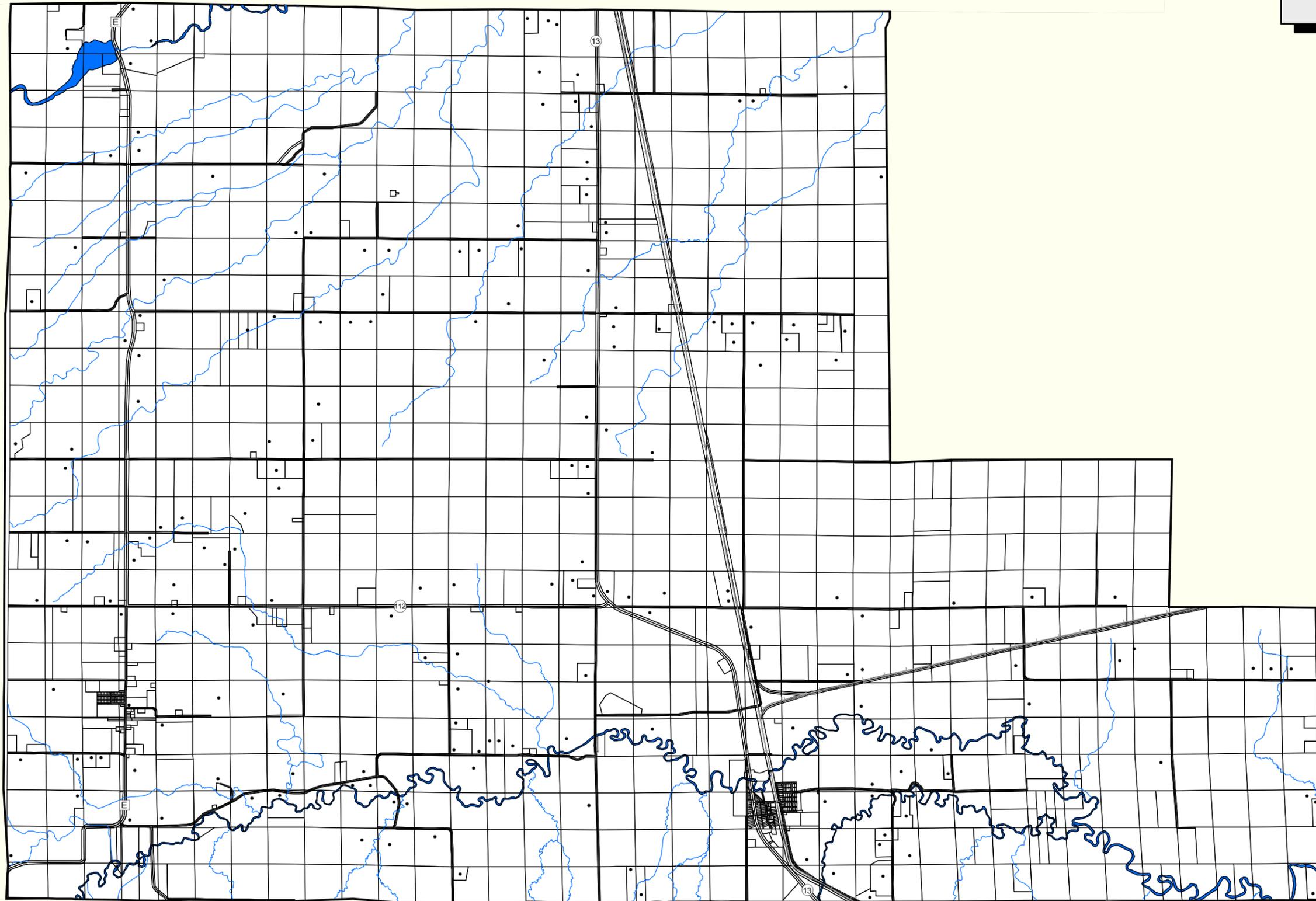
The DNR regulates the discharge of pollutants to waters through the administration for the Wisconsin Pollutant Discharge Elimination System (WPDES). Ashland County has six facilities with WPDES permits:

- ◆ Ashland Sewage Utility
- ◆ Village of Butternut
- ◆ Glidden Sanitary District
- ◆ Madeline Sanitary District
- ◆ Columbia Forest Products
- ◆ Xcel Energy

(Source: *Ashland County's Water Resource*)

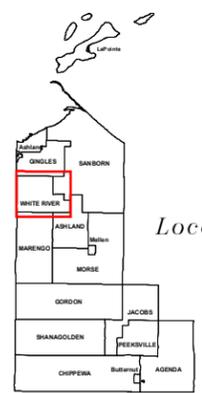
Surface Water  
Town of White River: 2004

Ashland County  
Comprehensive Plan Map

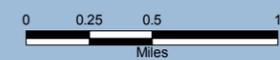


**Legend**

 Surface Water



Locational Map

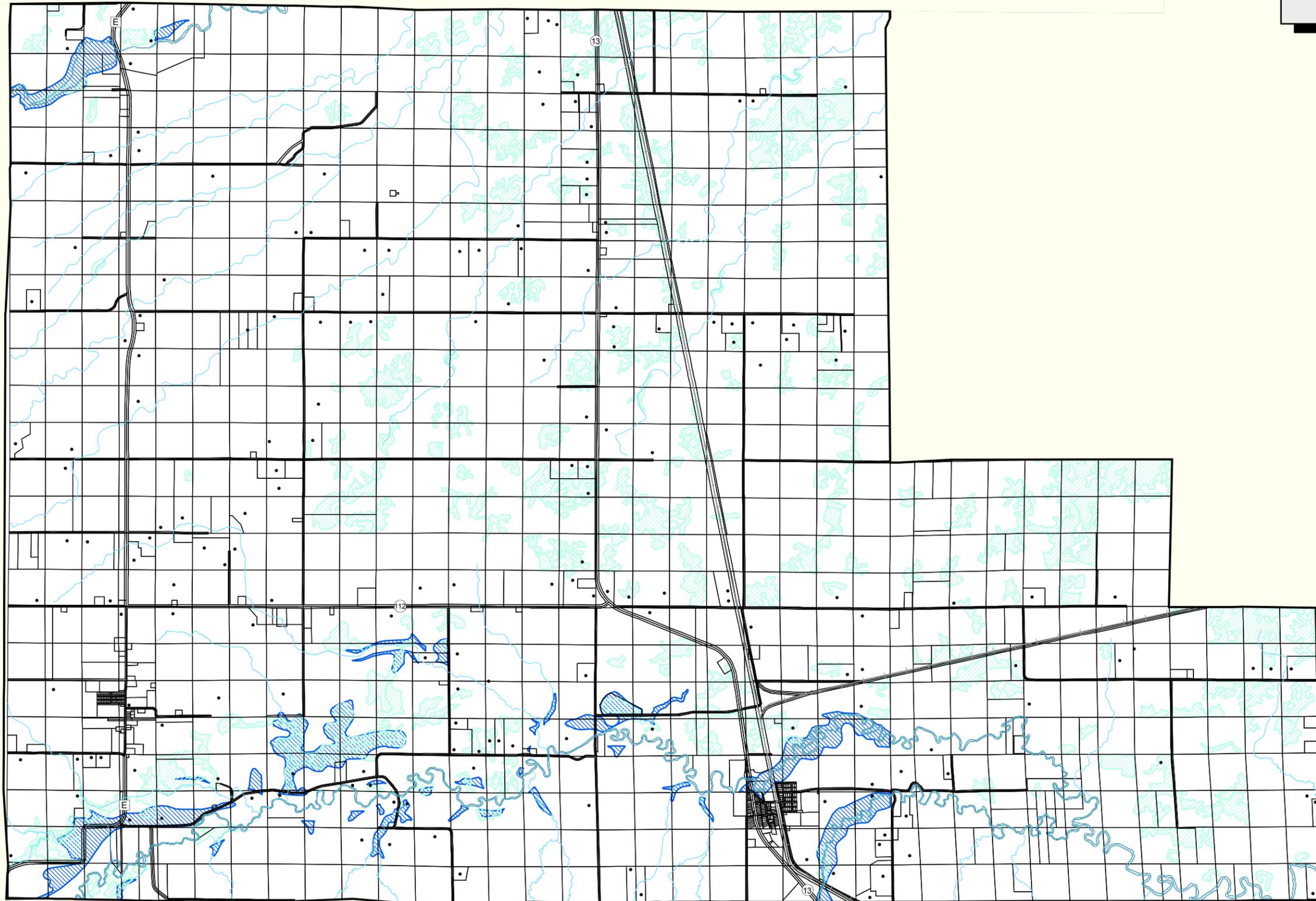


Base Map: Ashland County  
Data Source: Town of White River

Map Created: June 23, 2006  
Map Edited:



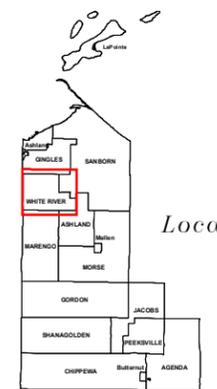
*Floodplain and Wetlands  
Town of White River: 2004*



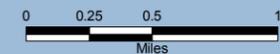
*Ashland County  
Comprehensive Plan Map*

**Legend**

-  Approximate 100-year floodplain
-  wetlands
-  Surface water



*Locational Map*



Base Map: Ashland County  
Data Source: Town of White River

Map Created: June 23, 2006  
Map Edited:





# Agricultural, Cultural, & Natural Resources

*Town of White River*

## Forest Resources

The Department of Natural Resources has identified 16 million acres of forestland (46 percent of Wisconsin's total land area) and millions of urban trees that significantly contribute to the quality of life in Wisconsin. These forests are important for their recreational opportunities, wildlife habitat, air quality enhancement, water protection, biodiversity, products, and a variety of other values. However, 70 percent of the forestland is in private ownership making sustainable forest management more complex. The DNR defines forest land as *land area that is at least 16.7 percent covered by forest trees or was in the past, and is not currently developed for non-forest use.*

As part of this comprehensive planning process, a document entitled *Ashland County's Forest Resource: Trends, Issues, and Actions* was prepared by the Center for Land Use Education. This Document was prepared to highlight forest resource trends in Ashland County, identify critical forest issues the region is facing, and recommend multiple strategies that could be implemented to address these issues. Much of this information is included in this element; however, the document can also be found in Appendix B of the Agricultural, Cultural, and Natural Resources Element in the Countywide Plan.

There are two forest tax laws in Wisconsin, the Managed Forest Law (MFL) and the Forest Crop Law (FCL). These programs provide private property owners with tax reductions in exchange for entering into long-term contracts with the Department of Natural Resources to ensure proper forest management. The public also benefits from the additional opportunities for recreation, wildlife habitat, and watershed protection that proper forest management provides.

Changes were made to the Managed Forest Law in April 2004. Under these changes, forest landowners will pay taxes of approximately \$1.30 per enrolled acre if the property is open to public access for hunting, fishing, sightseeing, hiking, and cross country skiing. They will pay approximately \$6.50 per enrolled acre if the property is closed to public access. Land that is enrolled after this legislation passes will be allowed to close up to 160 acres. Another change that has been made is that 80 percent of the yield tax will be returned to the municipality and the County will receive 20 percent.

According to the Wisconsin DNR (2003), there are 360 FCL acres in White River, and there are 3,467 acres that are enrolled in MFL. 283 acres of this land is closed to the public and the remainder is open to public access.

Wisconsin has 32 river basins, which are divided into 23 management "basins" or Geographic Management Units (GMUs). These geographic areas are the basis for carrying out resource management work in the Watershed Management, Fisheries Management and Habitat Protection, and Drinking Water and Groundwater Management Programs. Ashland County is located within two different GMUs. The northern portion of the County is located within the Lake Superior GMU.

According to the DNR, forests in the GMU have been relatively stable for the past 13 years. The most recent survey of this GMU indicates that the forestland makes up 69 percent of the total area. The number of live trees over ten feet tall in the forest increased by nearly



# Agricultural, Cultural, & Natural Resources

*Town of White River*

150 million, between 1983 and 1996, to 1 billion. The most common forest type is aspen-birch. The tree species found in the greatest volume is the aspen, followed by hard maple, balsam fir, soft maple, white pine, and red pine. Private individuals own 43 percent of the timberland area. The forest industry owns eight percent of the timberland, 47 percent of the timberland is owned by various levels of government, and two percent is owned by Native American tribes.

The other GMU that encompasses the southern portion of the County is the Upper Chippewa GMU. The most recent survey of the area indicates that forestland makes up 64 percent of the total land area of the GMU, an increase of approximately 100,000 acres since the previous survey. The number of live trees over ten feet tall in the GMU forest has increased by nearly 300 million, between 1983 and 1996, to 1.8 billion. Maple-basswood is the most common forest type and the tree species that are found in greatest volume are the hard maple, aspen, soft maple, basswood, and balsam fir. Approximately 49 percent of the forestland in this GMU is owned by private individuals. Forest industries own nine percent of the forestland, 39 percent of the timberland is owned by various levels of government, and three percent of the land in the GMU is owned by Native American tribes (DNR).

## *County Forest Land*

The County is currently in the process of updating their County Forest 10-Year Plan (1996).

The objectives of the County Forest 10-Year Plan is to:

- ◆ Specify in this plan the operating policies and procedures, which Ashland County will follow in administration of the Forest.
- ◆ Provide the reader of the Plan with background information regarding the County Forest.

The plan provides a summary of 10-year forest management needs, as well as detailed annual needs for the 10-year timeframe.

In County Forest areas, approximately 93 percent of the area is forested (1996 County Forest Plan). At the time the 10-year Forest Plan was written there were approximately 32,279 acres, with five forest cover types comprising the commercial forest. The Northern Hardwood type alone comprises approximately 40 percent of the total commercial forest acreage. The following is a breakdown of the kinds of wood found in the County Forest

- ◆ Northern Hardwood (40%)
- ◆ Fir-Spruce (12%)
- ◆ Swamp Conifers (13%)
- ◆ Aspen (15%)
- ◆ Other (20%)

The County Forest Lands are open for public use and for foot travel. There is also a system of forest roads and trails, which allow for at least seasonal access to almost every section of land within the forest. Recreational opportunities within the forest include beaches, boat landings, canoe campsites, and snowmobile, ATV, hunter, and walking trails. The Ashland County Department of Forestry has 62 management compartments that range in size from 142 to 827 acres. Approximately 72 percent of this is County-owned and 28 percent remain in private holding. The following is a list of towns containing County Forest Land.



# Agricultural, Cultural, & Natural Resources

*Town of White River*

- ◆ Town of Jacobs – 13,586.46 acres (34%)
- ◆ Town of Agenda – 15,058.46 (37.6%)
- ◆ Town of Morse – 5,439.65 (13.6%)
- ◆ Town of Peeksville – 5,914.71 (14.8%)

(Source: Ashland County's Forest Resource: Trends, Issues, and Actions)

## ***School Forests***

School forests are lands owned or controlled by school districts and that are registered under Community Forest Law. These forests provide educational, recreational, and economic opportunities for local communities and their schools. Though school forests do have forest management plans, many of them are not up to date. The following is a list of school forests that are found in Ashland County:

- ◆ Odana School Forest – 40 acres
- ◆ Butternut School Forest – 27 acres
- ◆ Mellen School Forest – 50 acres
- ◆ Sanborn School Forest – 28 acres
- ◆ Glidden School Forest – 40 acres
- ◆ Cozy Valley School Forest – 40 acres

(Source: Ashland County's Forest Resource: Trends, Issues, and Actions)

## ***National Forest Land***

The Chequamegon-Nicolet National Forest consists of four separate contiguous units. Approximately 179,460 acres of the National Forest are found in Ashland County. There is a wide variety of tree species and other vegetative communities that are found in this forest, as well as over 300 wildlife species that inhabit the area. The following is a list of towns that contain National Forest Land:

- ◆ Chippewa
- ◆ Gordon
- ◆ Shanagolden
- ◆ Marengo
- ◆ Morse

(Source: North West Regional Plan Commission)

## ***State Forest Land***

State Forest Lands totaling around 2,283 acres are scattered throughout the County. These parcels range in size from 40, to approximately 277 acres. The following is a list of towns that contain State Forest Land:

- ◆ Town of La Pointe
- ◆ Town of Chippewa
- ◆ Town of Shanagolden
- ◆ Town of Gordon
- ◆ Town of Jacobs
- ◆ Town of Morse
- ◆ Town of Sanborn
- ◆ Town of Gingles
- ◆ Town of Agenda



# Agricultural, Cultural, & Natural Resources

*Town of White River*

## ***Tribal Forest Land***

Approximately 77 percent of the Bad River Reservation is forested. Of this area, 45,700 acres of forested lands are considered by the Bureau of Indian Affairs (BIA) as being suitable for commercial timber management. Additionally, there are 3,191 acres of fee lands that are capable of timber production. There is a side mix of tree species with aspen dominating almost 50 percent of the Tribe's forestland. To protect and encourage pre-settlement animal species the Reservation aims to restore late successional habitats.

## ***Private Industrial Forest Land***

There are several private firms who own large tracts of forestland in the County. In recent years, the transfer of private industrial forestland ownership has increased. At least 23,688 acres of this land have transferred ownership since 2000. Based on data from 1996, private industrial forestland ownership makes up approximately 12 percent of the total forestland in the County (*Ashland County's Forest Resource: Trends, Issues, and Actions*).

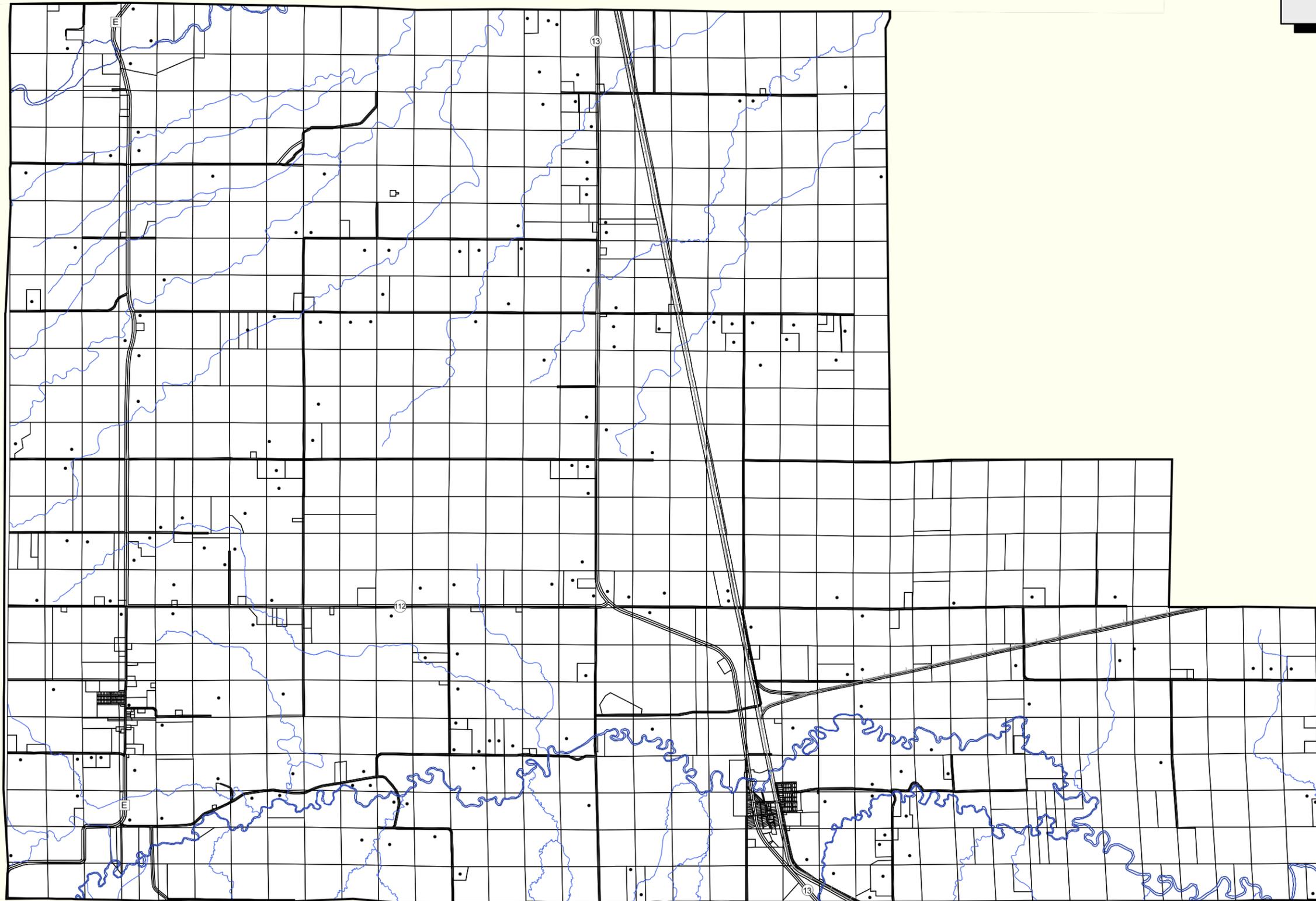
## **State Park**

Big Bay State Park in the Town of La Pointe encompasses 2,300 acres. The Copper Falls State Park in the Town of Morse is comprised of 2,600 acres.

## **Apostle Islands National Lakeshore**

The Apostle Island National Lakeshore is found in both Ashland and Bayfield Counties. It consists of shoreline in Bayfield County and includes 21 of the Apostle Islands. The approximate amount of area found in Ashland County is around 35,253 acres. The lakeshore's forests have a wide variety of disturbance histories, ranging from pristine old-growth forest, without a history of deer browsing, to forests that have been subjected to logging, fires, and extensive deer browsing. At present, most of the Lakeshore is covered with unbroken mature second-growth forest. In addition to forestland, there are many other natural and cultural resources that are found in this area. Wildlife found in this area includes a diverse population of nesting and migratory birds, and a variety of mammals, amphibians, and fish.

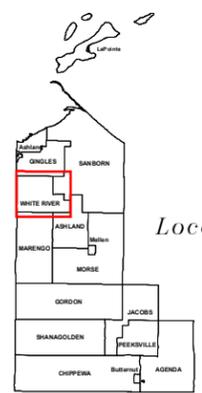
*Forest And Park Lands  
Town of White River: 2004*



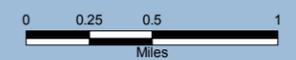
*Ashland County  
Comprehensive Plan Map*

**Legend**

- County Forest
- County Park
- Chequamegon National Forest
- State of Wisconsin
- Copper Falls and Big Bay State Park



*Locational Map*



Base Map: Ashland County  
Data Source: Town of White River

Map Created: October, 2004  
Map Edited: October, 2004





# Agricultural, Cultural, & Natural Resources

*Town of White River*

## **Wildlife Habitat**

As Wisconsin's land ownership becomes increasingly fragmented, the Department of Natural Resources believes that its habitat also tends to become more fragmented. This is particularly relevant to species that require a large range or contiguous habitat. Fragmented ownership negatively impacts species by causing inconsistencies in habitat management, and making it more difficult and expensive for the DNR or private organizations to acquire land for preservation.

Large tracts of high quality natural areas in Ashland County include nine State Natural Areas. These are:

- ◆ Big Bay Sandspit and Bog
- ◆ Apostle Islands Maritime Forest
- ◆ Apostle Islands Maritime Cliffs
- ◆ Apostle Islands Sandscapes
- ◆ Apostle Islands Critical Species
- ◆ Chequamegon Hardwoods
- ◆ McCarthy Lake and Cedars
- ◆ Spider Lake
- ◆ Copper Falls

State Natural Areas are designated by the Department of Natural Resources to protect outstanding examples of native natural communities, significant geological formations, and archaeological sites. State Natural Areas also provide the last refuges in Wisconsin for rare plants and animals. The Copper Falls State Natural Area is located in the Town of Morse.

In 1995, 25 elk were released into the Chequamegon National Forest as part of a monitoring project. The DNR is now responsible for monitoring the herd, which has grown to approximately 80-90 elk. In Ashland County, their primary range includes the portions of the Towns of Gordon, Shanagolden, Marengo, Morse, and Chippewa.

## **Wildlife Management Areas**

The Hoffman Lake Hay Creek Wildlife Area encompasses a total of 13,784 acres that are located in Ashland and Iron Counties. The area in Ashland County is roughly half of the total acreage and lies in the Town of Agenda. The area is managed by the DNR whose main goal is to manage the property for wildlife, with the objective of maximizing the aspen acreage in the area. According to the DNR, there are 52 species of song birds, bear, beaver, grouse, deer, snowshoe hares, and wolves that all benefit from the aspen habitat either directly or indirectly.

The White River Wildlife Area encompasses an area of approximately 1,000 acres. The Wildlife Area is located in the Town of Gingles. This area does not have a master plan like the Hoffman Lake Hay Creek Wildlife Area does. It is much smaller and is basically unmanaged. The main goal for the area is to provide and maintain a winter deer yarding area. The Wildlife Area provides winter deer habitat with steep pine ravines, aspen, white pine, and red pine stands. The area is predominantly red clay soil. The last timber sale took place in 1993. The White River flows through the northern part of the wildlife area and the County snowmobile trail travels around the west side of the property.



# Agricultural, Cultural, & Natural Resources

*Town of White River*

## **Other Conservation Areas**

### *Nature Conservancy*

In 1997, the Nature Conservancy acquired 1,043 acres near Caroline Lake in Ashland County from George-Pacific Corporation. This area is located in the Town of Morse. Caroline Lake forms the headwaters of the Bad River, which flows into the Kakagon-Bad River Slough. This area provides important habitat for many species of birds and contains a large variety of forested area, wetlands, and lake areas. The area is open to the public and is also being utilized as a research area for Northland College students.

### *Nature Conservancy/Bad River Band of Lake Superior Tribe of Chippewa Indians*

In 2003, the Nature Conservancy of Wisconsin transferred 21,322 acres of forested land in the Chequamegon Bay Area to the Bad River Band of Lake Superior Tribe of Chippewa Indians. The lands that were included in this transaction are composed of multiple parcels that range in size from 20 to 3,500 acres and are covered mostly by forests and wetlands. The Conservancy and the Tribe have signed a Memorandum of Understanding describing the two parties' working relationship on this conservation project.

### *Madeline Island Wilderness Preserve*

The Madeline Island Wilderness Preserve is working to protect wilderness areas and open land. By preserving this space they will protect the diversity of the natural ecosystems and their plant and animal life. The group strives to promote awareness and appreciation of nature. The Wilderness Preserve is located on approximately 2,240 acres of land.

### *Big Bay Town Park*

This Town Park is located on Madeline Island and is found about seven miles from La Pointe. The Park is adjacent to Big Bay State Park. There is no fee for daily use and there are 40 primitive campsites on a first-come, first-served basis. The Park provides trail access to trails in Big Bay State Park.

## **Environmentally Sensitive Areas**

The Town is located in an area of the State that is characterized by numerous wetlands, which provide habitat for threatened or endangered species. Areas of this type are sensitive to development activity, and may be damaged by development that is too close to inappropriate for the individual location. The ecological services provided by these areas are important and may be difficult or costly to replicate.

## **Threatened or Endangered Species**

Wisconsin's Natural Heritage Inventory (NHI), established in 1985 by the Wisconsin Legislature, is maintained by the Wisconsin Department of Natural Resources' (WDNR) Bureau of Endangered Resources. The NHI Program is responsible for maintaining data on the locations and status of rare species, natural communities, and natural features in Wisconsin. The Wisconsin NHI Program is part of an international network of inventory programs that collect, process, and manage data on the occurrences of natural biological diversity using standard methodology. This network was established and is still coordinated by The Nature Conservancy (TNC), an international non-profit organization. The network now includes natural heritage inventory programs in all 50 states, most provinces in Canada, and many countries in Central and South America.



# Agricultural, Cultural, & Natural Resources

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Wisconsin's Natural Heritage Inventory Program's three objectives are to collect information on occurrences of rare plants and animals, high-quality natural communities, and significant natural features in Wisconsin; standardize this information, enter it into an electronic database, and mark locations on base maps for the state; and use this information to further the protection and management of rare species, natural communities, and natural features.

Based on data contained in Wisconsin's Natural Heritage Inventory, there are 26 known rare or endangered plant species and 7 known rare or endangered animal species in Ashland County (see following tables).

## Rare, Threatened, and Endangered Species and Natural Communities in Ashland County

Understanding the Town of White River and Ashland County's threatened and endangered species allows for proper examination of any potential impacts proposed developments may have. While specific geographic locations of species or communities are not defined in this element, field investigations at proposed new development sites may be called for in the review and approval process. Collaborative relationships with County staff and State agency representatives will serve as valuable networks to ensure that these resources are protected and preserved within the Town of White River.

### Key

End = Endangered

Thr = Threatened

Sc = Special Concern

Sc/M = Fully protected by federal and state laws under the Migratory Bird Act

Sc/P = Fully protected

Sc/N = No laws regulating use, possession, or harvesting.

Sc/H = Take regulated by establishment of open closed seasons.

Sc/FI = Federally protected as endangered or threatened, by not so designated by WDNR

| Beetle                          |                         |                  |
|---------------------------------|-------------------------|------------------|
| Common Name                     | Species Name            | Wisconsin Status |
| Cicindela Hirticollis Rhodensis | Beach-Dune Tiger Beetle | Sc/N             |

| Birds                   |                             |                  |
|-------------------------|-----------------------------|------------------|
| Common Name             | Species Name                | Wisconsin Status |
| Accipiter Gentilis      | Northern Goshawk            | Sc/M             |
| Catharus Ustulatus      | Swainson's Thrush           | Sc/M             |
| Dendroica Caerulescens  | Black-Throated Blue Warbler | Sc/M             |
| Dendroica Cerulea       | Cerulean Warbler            | Thr              |
| Dendroica Tigrina       | Cape May Warbler            | Sc/M             |
| Empidonax Flaviventris  | Yellow-Bellied Flycatcher   | Sc/M             |
| Falci pennis Canadensis | Spruce Grouse               | Thr              |
| Falco Columbarius       | Merlin                      | Sc/M             |
| Oporornis Agilis        | Connecticut Warbler         | Sc/M             |
| Vermivora Peregrina     | Tennessee Warbler           | Sc/M             |
| Ammodramus Leconteii    | Le Conte's Sparrow          | Sc/M             |
| Botaurus Lentiginosus   | American Bittern            | Sc/M             |
| Bucephala Clangula      | Common Goldeneye            | Sc/M             |



# Agricultural, Cultural, & Natural Resources

Town of White River

|                          |                  |        |
|--------------------------|------------------|--------|
| Charadrius Melodus       | Piping Plover    | End    |
| Chlidonias Niger         | Black Tern       | Sc/M   |
| Circus Cyaneus           | Northern Harrier | Sc/M   |
| Cygnus Buccinator        | Trumpeter Swan   | End    |
| Haliaeetus Leucocephalus | Bald Eagle       | Sc/Fl* |
| Mergus Merganser         | Common Merganser | Sc/M   |
| Pandion Haliaeetus       | Osprey           | Thr    |
| Sterna Hirundo           | Common Tern      | End    |

| Butterfly           |                     |                  |
|---------------------|---------------------|------------------|
| Common Name         | Species Name        | Wisconsin Status |
| Hesperia Comma      | Laurentian Skipper  | Sc/N             |
| Oeneis Jutta        | Jutta Arctic        | Sc/N             |
| Boloria Frigga      | Frigga Fritillary   | Sc/N             |
| Erebia Discoidalis  | Red-Disked Alpine   | Sc/N             |
| Lycaena Dorcas      | Dorcas Copper       | Sc/N             |
| Lycaena Epixanthe   | Bog Copper          | Sc/N             |
| Pieris Virginiensis | West Virginia White | Sc/N             |

| Caddisfly         |                     |                  |
|-------------------|---------------------|------------------|
| Common Name       | Species Name        | Wisconsin Status |
| Lepidostoma Libum | A Bizarre Caddisfly | Sc/N             |

| Community                      |                                |                  |
|--------------------------------|--------------------------------|------------------|
| Scientific                     | Common                         | Wisconsin Status |
| Boreal Forest                  | Boreal Forest                  | Na               |
| Dry Cliff                      | Dry Cliff                      | Na               |
| Great Lakes Barrens            | Great Lakes Barrens            | Na               |
| Great Lakes Beach              | Great Lakes Beach              | Na               |
| Lake Dune                      | Lake Dune                      | Na               |
| Moist Cliff                    | Moist Cliff                    | Na               |
| Northern Dry Forest            | Northern Dry Forest            | Na               |
| Northern Dry-Mesic Forest      | Northern Dry-Mesic Forest      | Na               |
| Northern Mesic Forest          | Northern Mesic Forest          | Na               |
| Alder Thicket                  | Alder Thicket                  | Na               |
| Black Spruce Swamp             | Black Spruce Swamp             | Na               |
| Coastal Fen                    | Coastal Fen                    | Na               |
| Emergent Aquatic               | Emergent Aquatic               | Na               |
| Ephemeral Pond                 | Ephemeral Pond                 | Na               |
| Floodplain Forest              | Floodplain Forest              | Na               |
| Great Lakes Alkaline Rockshore | Great Lakes Alkaline Rockshore | Na               |
| Hardwood Swamp                 | Hardwood Swamp                 | Na               |
| Interdunal Wetland             | Interdunal Wetland             | Na               |
| Lake-Deep; Soft; Drainage      | Lake-Deep; Soft; Drainage      | Na               |
| Lake-Shallow; Soft; Drainage   | Lake-Shallow; Soft; Drainage   | Na               |
| Lake-Soft Bog                  | Lake-Soft Bog                  | Na               |
| Northern Sedge Meadow          | Northern Sedge Meadow          | Na               |
| Northern Wet Forest            | Northern Wet Forest            | Na               |
| Northern Wet-Mesic Forest      | Northern Wet-Mesic Forest      | Na               |
| Open Bog                       | Open Bog                       | Na               |
| Poor Fen                       | Poor Fen                       | Na               |
| Shrub-Carr                     | Shrub-Carr                     | Na               |
| Stream-Fast; Soft; Cold        | Stream-Fast; Soft; Cold        | Na               |
| Stream-Slow; Hard; Cold        | Stream-Slow; Hard; Cold        | Na               |



# Agricultural, Cultural, & Natural Resources

Town of White River

|                          |                          |    |
|--------------------------|--------------------------|----|
| Stream--Slow; Hard; Warm | Stream--Slow; Hard; Warm | Na |
| Stream--Slow; Soft; Warm | Stream--Slow; Soft; Warm | Na |
| Tamarack Swamp           | Tamarack Swamp           | Na |

| Dragonfly             |                     |                  |
|-----------------------|---------------------|------------------|
| Scientific            | Common              | Wisconsin Status |
| Aeshna Eremita        | Lake Darner         | Sc/N             |
| Cordulegaster Obliqua | Arrowhead Spiketail | Sc/N             |
| Gomphurus Ventricosus | Skillet Clubtail    | Sc/N             |
| Ophiogomphus Howei    | Pygmy Snaketail     | Thr              |

| Fish                  |                 |                  |
|-----------------------|-----------------|------------------|
| Scientific            | Common Name     | Wisconsin Status |
| Acipenser Fulvescens  | Lake Sturgeon   | Sc/H             |
| Clinostomus Elongatus | Redside Dace    | Sc/N             |
| Coregonus Artedi      | Lake Herring    | Sc/N             |
| Coregonus Hoyi        | Bloater         | Sc/H             |
| Coregonus Kiyi        | Kiyi            | Sc/H             |
| Coregonus Zenithicus  | Shortjaw Cisco  | Sc/H             |
| Etheostoma Microperca | Least Darter    | Sc/N             |
| Prosopium Coulteri    | Pygmy Whitefish | Sc/N             |

| Grasshopper         |                         |                  |
|---------------------|-------------------------|------------------|
| Scientific          | Common Name             | Wisconsin Status |
| Melanoplus Flavidus | Blue-Legged Grasshopper | Sc/N             |

| Herptile          |             |                  |
|-------------------|-------------|------------------|
| Scientific        | Common Name | Wisconsin Status |
| Clemmys Insculpta | Wood Turtle | Thr*             |

| Invertebrate            |                      |                  |
|-------------------------|----------------------|------------------|
| Scientific              | Common Name          | Wisconsin Status |
| Alasmidonta Marginata   | Elktoe               | Sc/H             |
| Gomphus Viridifrons     | Green-Faced Clubtail | Sc/N             |
| Ophiogomphus Carolus    | Riffle Snaketail     | Sc/N             |
| Stylogomphus Albistylus | Least Clubtail       | Sc/N             |

| Other                             |                                   |                  |
|-----------------------------------|-----------------------------------|------------------|
| Scientific                        | Common Name                       | Wisconsin Status |
| Bird Rookery                      | Bird Rookery                      | Sc               |
| Migratory Bird Concentration Site | Migratory Bird Concentration Site | Sc               |

| Mammal               |                        |                  |
|----------------------|------------------------|------------------|
| Scientific           | Common                 | Wisconsin Status |
| Napaeozapus Insignis | Woodland Jumping Mouse | Sc/N             |



# Agricultural, Cultural, & Natural Resources

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| Plant                                |                              |                  |
|--------------------------------------|------------------------------|------------------|
| Scientific                           | Common                       | Wisconsin Status |
| Asplenium Trichomanes                | Maidenhair Spleenwort        | Sc               |
| Botrychium Lunaria                   | Moonwort Grape-Fern          | End              |
| Botrychium Minganense                | Mingan's Moonwort            | Sc               |
| Botrychium Mormo                     | Little Goblin Moonwort       | End              |
| Botrychium Oneidense                 | Blunt-Lobe Grape-Fern        | Sc               |
| Cardamine Maxima                     | Large Toothwort              | Sc               |
| Carex Concinna                       | Beautiful Sedge              | Thr              |
| Carex Pallescens Var Neogaea         | Pale Sedge                   | Sc               |
| Carex Prasina                        | Drooping Sedge               | Thr              |
| Clematis Occidentalis                | Purple Clematis              | Sc               |
| Deschampsia Flexuosa                 | Crinkled Hairgrass           | Sc               |
| Dryopteris Expansa                   | Spreading Woodfern           | Sc               |
| Dryopteris Fragrans Var Remotiuscula | Fragrant Fern                | Sc               |
| Gnaphalium Sylvaticum                | Woodland Cudweed             | Sc               |
| Gymnocarpium Robertianum             | Limestone Oak Fern           | Sc               |
| Leucophysalis Grandiflora            | Large-Flowered Ground-Cherry | Sc               |
| Listera Convallarioides              | Broad-Leaved Twayblade       | Thr*             |
| Lycopodium Selago                    | Fir Clubmoss                 | Sc               |
| Melica Smithii                       | Smith Melic Grass            | End              |
| Moehringia Macrophylla               | Large-Leaved Sandwort        | End              |
| Ophioglossum Vulgatum                | Adder's-Tongue               | Sc               |
| Orobanche Uniflora                   | One-Flowered Broomrape       | Sc               |
| Osmorhiza Chilensis                  | Chilean Sweet Cicely         | Sc               |
| Pinguicula Vulgaris                  | Common Butterwort            | End              |
| Platanthera Flava Var Herbiola       | Pale Green Orchid            | Thr              |
| Platanthera Orbiculata               | Large Roundleaf Orchid       | Sc               |
| Polystichum Braunii                  | Braun's Holly-Fern           | Thr*             |
| Primula Mistassinica                 | Bird's-Eye Primrose          | Sc               |
| Ranunculus Gmelinii                  | Small Yellow Water Crowfoot  | End*             |
| Ribes Hudsonianum                    | Northern Black Currant       | Sc               |
| Ribes Oxyacanthoides                 | Canada Gooseberry            | Thr              |
| Salix Pellita                        | Satiny Willow                | End              |
| Salix Planifolia                     | Tea-Leaved Willow            | Thr              |
| Scirpus Torreyi                      | Torrey's Bulrush             | Sc               |
| Senecio Indecorus                    | Plains Ragwort               | Thr              |
| Streptopus Amplexifolius             | White Mandarin               | Sc               |
| Trisetum Spicatum                    | Narrow False Oats            | Thr              |
| Vaccinium Vitis-Idaea Ssp Minus      | Mountain Cranberry           | End              |
| Amerorchis Rotundifolia              | Round-Leaved Orchis          | Thr*             |
| Arethusa Bulbosa                     | Swamp-Pink                   | Sc               |
| Calamagrostis Stricta                | Slim-Stem Small-Reedgrass    | Sc               |
| Calypso Bulbosa                      | Fairy Slipper                | Thr              |
| Carex Assiniboinensis                | Assiniboine Sedge            | Sc               |
| Carex Capillaris                     | Hair-Like Sedge              | Sc               |
| Carex Exilis                         | Coast Sedge                  | Thr              |
| Carex Lenticularis                   | Shore Sedge                  | Thr              |
| Carex Livida Var Radicaulis          | Livid Sedge                  | Sc               |
| Carex Michauxiana                    | Michaux Sedge                | Thr              |
| Carex Tenuiflora                     | Sparse-Flowered Sedge        | Sc               |



# Agricultural, Cultural, & Natural Resources

Town of White River

| Plant (continued)       |                             |                  |
|-------------------------|-----------------------------|------------------|
| Scientific              | Common                      | Wisconsin Status |
| Ceratophyllum Echinatum | Prickly Hornwort            | Sc               |
| Cypripedium Arietinum   | Ram's-Head Lady's-Slipper   | Thr              |
| Cypripedium Parviflorum | Small Yellow Lady's-Slipper | Sc               |
| Cypripedium Reginae     | Showy Lady's-Slipper        | Sc               |
| Deschampsia Cespitosa   | Tufted Hairgrass            | Sc               |
| Drosera Anglica         | English Sundew              | Thr              |
| Drosera Linearis        | Slenderleaf Sundew          | Thr*             |
| Eleocharis Robbinsii    | Robbins Spikerush           | Sc               |
| Epilobium Palustre      | Marsh Willow-Herb           | Sc               |
| Epilobium Strictum      | Downy Willow-Herb           | Sc               |
| Equisetum Palustre      | Marsh Horsetail             | Sc               |
| Equisetum Variegatum    | Variegated Horsetail        | Sc               |
| Parnassia Palustris     | Marsh Grass-Of-Parnassus    | Thr              |
| Platanthera Dilatata    | Leafy White Orchis          | Sc               |
| Rhynchospora Fusca      | Brown Beakrush              | Sc               |
| Triglochin Maritimum    | Common Bog Arrow-Grass      | Sc               |
| Utricularia Purpurea    | Purple Bladderwort          | Sc               |
| Utricularia Resupinata  | Northeastern Bladderwort    | Sc               |

| Salamander             |                      |                  |
|------------------------|----------------------|------------------|
| Scientific             | Common               | Wisconsin Status |
| Hemidactylium Scutatum | Four-Toed Salamander | Sc               |

| Turtle                |             |                  |
|-----------------------|-------------|------------------|
| Scientific            | Common      | Wisconsin Status |
| Clemmys Insculpta     | Wood Turtle | Thr              |
| Source: Wisconsin DNR |             |                  |

<sup>1</sup>Wisconsin Status:

Endangered: continued existence in Wisconsin is in jeopardy.

Threatened: appears likely, within the near future, to become endangered.

Special Concern: species for which some problem of abundance or distribution is suspected but not proven. SC/N = no laws regulating use, possession or harvesting; SC/H = take regulated by establishment of open closed seasons, SC/FL = federally protected as endangered or threatened, but not so designated by WDNR; SC/M = Fully protected by federal and state laws under the migratory bird act.

Rule: protected or regulated by state or federal legislation or policy; neither endangered nor threatened.

\* : Fact sheet about species and its habitat is available on the DNR website.



# Agricultural, Cultural, & Natural Resources

*Town of White River*

## **Air Quality**

National Ambient Air Quality Standards (NAAQS) have been established by the U.S. Environmental Protection Agency<sup>4</sup> to protect public health and the environment. The pollutants regulated by these NAAQS include suspended particulate matter, carbon monoxide, ozone, oxides of nitrogen, oxides of sulfur, and lead. Ashland County is designated as an attainment area and does not have air quality problems.

In the Clean Air Act Amendments of 1977, Congress specified the initial classification of lands for Prevention of Significant Deterioration (PSD) purposes. There are not any areas within the County that fall under this classification.

## **Relevant Studies, Reports, and Findings**

### ***A Guide to Planning for Coastal Communities in Wisconsin (Draft) – (Wisconsin Coastal Management Program)***

This comprehensive planning Guide is for communities in Wisconsin that lie within the coastal zone of the state. It is intended to address the preparation of a coastal element of a comprehensive plan and provides additional information for addressing coastal related issues within plans.

### ***A Data Compilation and Assessment of Coastal Wetlands of Wisconsin's Great Lakes (Phases I, II, & III) (Natural Heritage Inventory Program, DNR)***

The goals of the project were to compile existing information on coastal wetlands for Lakes Superior and Michigan and in Wisconsin, Select ecologically significant primary coastal wetland sites, and identify existing data or inventory gaps.

### ***Apostle Islands Wilderness Suitability Study – 2003 (NPS)***

The purpose of the study was to determine which of the 21 islands in the park are suitable for inclusion in the National Wilderness Preservation System. It is recommended that 80 percent of the park be included in this system and that no changes should be made to motorized access to the islands.

### ***Ashland and Bayfield Land and Water Resource Management Plan January 1999***

The land and water resource management plans are intended to be action oriented, flexible and reflect the resource management needs identified through public input and focuses on coordinated implementation. The goals of the plan are as follows:

- ◆ Improve forestland management to control sediment and erosion.
- ◆ Improve manure and nutrient management to reduce nonpoint pollution.
- ◆ Improve town and forest road maintenance and construction to reduce nonpoint pollution.
- ◆ Improve shoreland management to reduce nonpoint pollution.
- ◆ Reduce crop
- ◆ land soil erosion.

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<sup>4</sup> Section 109 of the Clean Air Act.



# Agricultural, Cultural, & Natural Resources

*Town of White River*

## ***Ashland County Forest 10-Year Plan – 1996 (Ashland County Forestry Department)***

The purpose of this plan is to specify the operating policies and procedures, which the County will follow in administration of the forest. The plan also serves to provide background information regarding the County Forest.

## ***Bad River Band of Lake Superior Tribe of Chippewa Indians. (2001). Integrated Resources Management Plan.***

This document describes the Integrated Resources Management Plan (IRMP) that the Bad River Band developed. The plan focuses on soils, minerals, water, air, transportation, recreation, cultural, vegetation, wetlands, timber, fish, wildlife, and threatened and endangered species. This document describes the current condition of each of these resources, lists a set of known issues or problems relating to each resource, and outlines a series of goals and objectives designed to begin addressing the issues.

## ***Best Management Practice Guidelines for the Wisconsin Portion of the Lake Superior Basin – March 2003 (Ashland, Bayfield, and Iron County Land Conservation Offices)***

This set of guidelines is meant to be a working document that is focused on reducing nonpoint pollution. This best management practice guideline is intended to build on the conservation projects of the past and incorporate newer technologies and ideas. The document is divided into sections based on different activities that have been identified as being important. These sections include project planning, roads, forestry, agriculture, critical area stabilization, habitat, and development.

## ***Chequamegon-Nicolet National Forest – Draft Environmental Impact Statement (USFS)***

This document discusses the effects of applying alternative ways of managing the Chequamegon-Nicolet National Forest. It provides information that helps determine what aspects of the current Forest Plans need change, alternatives to how they may be changed, and the effects of implementing each of the alternatives.

## ***Chequamegon-Nicolet National Forests – Proposed Land and Resource Management Plan 2003 (USFS)***

This document, still in its draft form, is a guide for all resource management activities in the Chequamegon-Nicolet National Forests. It includes the following: forest-wide multiple-use goals and implementing objectives; forest-wide management requirements; management area direction, including area-specific standards and guidelines, desired future conditions and management practices; identification of lands suited/not suited for timber management; monitoring and evaluation requirements, and finally recommendations to Congress for additional wilderness.

## ***Chequamegon-Nicolet National Forests – Roads Analysis 2002 (USFS)***

This document was prepared to assist Chequamegon-Nicolet National Forest in evaluating their road systems and in response to changing priorities, concerns, funding, and needs. It provides a physical, biological, social, cultural, and economic description of the existing road system in this National Forest. It also details several issues related to current road maintenance, public, private, and administrative access provided by roads, the roads' effect on aquatic environment and water quality, the role of roads in proliferation of non-native invasive species, effects of roads on wildlife, and the maintenance cost and environmental



# Agricultural, Cultural, & Natural Resources

*Town of White River*

effects of placing roadways on slopes. Opportunities and priorities for future management of the primary transportation system within this forest are also identified.

## *Our Watershed, Our Water – Understanding and Protecting a Watershed (The Nature Conservancy)*

This document was created with input and collaboration of many sources, including residents of the Chequamegon Bay Area. The guide provides general watershed information and is intended to encourage local citizen to protect the clean water conditions that exist today so that future generations can enjoy these same things.

## *Wisconsin Water Quality Assessment Report of Congress 2002 (DNR)*

This report describes the known quality of our surface water and groundwater. The information in this report is gathered, interpreted, and understood through the prism of existing social, economic, and political conditions. The report contains a statewide update of water quality assessment data for lakes and a partial update of river assessment information. Additionally, the report makes some recommendations to Congress.

## *Ashland County's Forest Resource: Trends, Issues, and Actions (\*See Appendix B in Countywide Comprehensive Plan)*

## *Ashland County's Water Resource: Issues and Recommendations (\*See Appendix A in Countywide Comprehensive Plan)*

## *Ashland County Bibliography (\*See Appendix C in the Countywide Comprehensive Plan)*

As part of the Comprehensive Plan preparation, a bibliography of important natural resource related documents was gathered together. Many of the resources in the document are listed above, to see the bibliography in its entirety please refer to the Countywide Comprehensive Plan.

## *Ashland County Land, Water, and Habitat Issue Identification Workshop-*

A workshop was held in April 2004, to help County residents, as well as State and local officials identify areas of importance that they wish the comprehensive plan to address. The top ten identified issues are as follows:

- ◆ Protect watersheds/systems, including headwaters, riparian zones, buffers, to keep water clean.
- ◆ Use of proper forestry-management practices
- ◆ Balance development with conservation & preservation
- ◆ Landowner education and assistance for streambank protection and restoration (i.e. White River), including lakeshore
- ◆ Balance economy and environment to consider “hidden costs”
- ◆ High deer population problems
- ◆ Need better planned, engineered, built, and enforced trails
- ◆ Protect forest industry
- ◆ Rising property values
- ◆ Protect/restore environmental corridors (riparian zones, wetlands)
- ◆ Mining



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These issues are addressed in the goals, objectives, and policies of applicable elements. For a list of all the issues that were discussed at the workshop please refer to the Vision Chapter of the policy document where the workshop issues can be found in an appendix.

## Available Funding

The following is a listing of possible grant or loan resources that a city, village, town, or county could utilize. This list is not an exhaustive list, however it provides a place to start when searching for funds.

- ◆ ***Wisconsin Environmental Education Board (WEEB)***  
WEEB has a grant program category that is available to encourage school districts to apply for funding for school forests.
  
- ◆ ***Department of Agriculture, Trade, and Consumer Protection***  
**Chemical and Container Disposal - Clean Sweep**  
Collect unwanted agricultural pesticides and chemicals from farmers, rural properties, and businesses for safe, legal disposal. The program also assists in the collection and management of empty pesticide containers. *Contact: Roger Springman, DATCP, [roger.springman@datcp.state.wi.us](mailto:roger.springman@datcp.state.wi.us)*
  
- ◆ ***Wisconsin Department of Natural Resources***  
**The Clean Water Fund Program (CWFP)** provides low interest loans to municipalities for wastewater treatment facilities and urban storm water runoff projects. In addition to regular CWFP loans, there are two subprograms within the Clean Water Fund Program:
  - Hardship assistance** is available to municipalities that meet certain criteria. [not available for storm water projects]
  - Small Loans** provides a subsidy to the interest rate on a loan that a municipality obtains from the State Trust Fund. [not available for storm water projects]**The Safe Drinking Water Loan Program (SDWLP)** provides low interest loans to municipalities for drinking water facilities.  
**The Land Recycling (Brownfields) Loan Program (LRLP)** provides low interest loans to municipalities for investigation and remediation of certain contaminated properties.
  
- ◆ ***Wisconsin Coastal Management Program – Department of Administration***  
To support the management, protection, and restoration of Wisconsin's coastal resources, and increase public access to the Great Lakes. *Contact - Dea Larsen Converse [coastal@doa.state.wi.us](mailto:coastal@doa.state.wi.us)*



## Cultural Resources

### Architectural Structures

Old buildings have a special relevance to our lives today, bringing a “sense of place” to our lives and our communities. They also tell the social, cultural, economic, and political history of people in a way that no printed word or photograph can. Thus, telling the story of Wisconsin’s historic architecture is a way of documenting the diverse experiences of Wisconsin people and places.

The National and State Register of Historic Places gives honorary recognition to places that retain their historic character and are important to understanding local, state, or national history. These are official listings of properties that are worthy of preservation or significant to Wisconsin’s heritage. There are not any sites located in White River that are listed in the National Register of Historic Places and/or State Register of Historic Places.

The Wisconsin Architecture & History Inventory is a collection of information on historic buildings, structures, sites, objects, and historic districts that illustrate Wisconsin’s unique history. The database is maintained by the Wisconsin Historical Society, and is comprised of written text and photographs of each property, which document the property’s architecture and history. Most properties become part of the Inventory as a result of a systematic architectural and historical survey, and inclusion in this inventory conveys no special status, rights or benefits to owners of these properties. The Wisconsin Architecture & History Inventory also contains records of locations of historical significance within the Town. In the Town of White River, there are nine records of historic sites listed on the Inventory. These sites include the Sanborn State Grade School, White River Bridge, White River Hydro Dam, White River Powerhouse, and Surge Tank, along with other unnamed sites.

### Archeological Sites

The Wisconsin Historical Society maintains a list of archaeological sites and cemeteries referred to as the Archaeological Site Inventory Database (ASI), which is part of the Wisconsin Archaeological and Historic Resource Database (WisARD). This list is the most comprehensive list of archaeological sites, mounds, unmarked cemeteries, marked cemeteries, and cultural sites that are present in the State. The only sites that are included in this database are sites that have been reported to the Wisconsin Historical Society. Archaeological evidence indicates that people have lived in what is now Wisconsin for over 12,000 years. It is estimated that nearly 80 percent of the archaeological sites that once existed in the state have been destroyed or severely damaged, primarily by modern land practices such as development and farming. Some of the remaining evidence includes Native American effigy mounds, often constructed in the shapes of turtles, birds, bears, and other animals. Ashland County is not located in a part of the State where effigy mounds are common.

Under Wisconsin law, Native American burial mounds, unmarked burials, and all marked and unmarked cemeteries are protected from intentional disturbance. If a burial mound or an unmarked or marked burial is present in an area, the Burial Sites Preservation Office should be notified.



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Archaeological sites include places where people have lived, worked, and worshipped. These sites are non-renewable resources and once a site is destroyed, either by natural or human related activities, it cannot be reclaimed. Because of the fragile nature of these sites, identifying them and determining their locations is a very important part of the planning process. A wide variety of methods used to protect natural resources can also be used to protect archaeological sites. For example, land purchases, easement purchases, zoning, and a state operated tax credit program available to property owners.

There is one known archeological site located in the Town of White River, it is a cemetery. More information can be obtained from the Wisconsin Historical Society.

## **Bad River Band of Lake Superior Tribe of Chippewa Indians**

The Bad River Band is one of the six Wisconsin Ojibwe Bands that are federally recognized tribes. The tribe has over 6,000 members; about 1,500 of these members live on the reservation. The Chippewa migrated from the east and settled on Madeline Island in the early 1600's. The Bad River Reservation was established by the treaty of 1854, and includes over 124,000 acres of land in Ashland and Iron Counties. Ashland County has many archaeological sites that date back to the tribal community. Sites located within federally-recognized tribal lands are not reported in this document.

## **Preservation of Wisconsin**

### ***Archaeological Sites***

It is estimated that nearly 80 percent of the archaeological sites that once existed in the state have been destroyed or severely damaged, primarily by modern land practices such as development and farming. Many sites have also been damaged by looting.

## **Laws and Statutes**

### ***Federal Projects***

Section 106 of the National Historical Preservation Act of 1966, As Amended requires federal agencies to insure that their actions (grants, funding, permits, activities such as highway building, etc.) do not adversely affect archaeological sites on or eligible for the National Register of Historic Places.

### ***State Projects***

Archaeological sites can be protected during the course of state agency activities (grants, funding, permits, ground disturbing projects) if the sites have been recorded with the Office of the State Archaeologist. See Section 44.40 Wisconsin Statutes.



# Agricultural, Cultural, & Natural Resources

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## ***Political Subdivision Projects***

Archaeological may be protected during the course of village, city, county, and other political subdivision projects (e.g. building, road construction, etc.), but only if the site is listed on the National Register of Historic Places. See Section 44.43 Wisconsin Statutes

## ***Burial Sites***

All human burial sites, including cemeteries and Indian mounds, are protected under state law Section 157.70 Wisconsin Statutes. The law applies to both public and private lands. Owners of burial sites may receive property tax exemptions. The law is administered by the SHSW Burial Sites Program.

## ***Rock Art Site***

Destruction and vandalism of ancient rock art sites listed on the National Register of Historic Places, without landowner permission, is a felony under Section 943.01 Wisconsin Statutes.

## ***Public Lands***

*Federal Lands:* It is illegal to remove artifacts, or otherwise disturbed archaeological sites, on federal lands without a permit under the Archaeological Resource Protection Act of 1979. Federal lands in Wisconsin include National Forests, National Parks, and Federal Trust Lands, such as Indian Reservations.

## ***State Lands***

It is illegal to remove artifacts, or otherwise disturb archaeological sites, on state or political subdivision (village, city, county) lands without a permit under The Field Archaeology Act Section 44.47 Wisconsin Statutes. The law applies to both archaeological sites on public lands and submerged sites, such as Shipwrecks on publicly owned bottomlands under lakes and rivers. Permits are administered by the Office of the State Archaeologist. Permits are normally only given to professional archaeologists.

## ***Tax Incentives***

Most types of archaeological sites are NOT protected from destruction by private landowner activity on privately owned lands; exceptions are covered above. As an incentive for private landowners to protect archaeological sites on their lands, the state offers a property tax exemption if the landowner formally agrees to protect the site.

## ***Local Preservation Efforts***

Significant Archaeological sites in your community may be protected by special community landmarks ordinance. Contact your local landmarks commission. For more information on ways to preserve archaeological sites in your community, contact the SHSW Regional Archaeologist near you.

## ***Native American Tribal Preservation Programs***

The eleven Wisconsin Indian tribes are very active in the preservation of archaeological sites and sacred areas. Most have historic preservation programs or contacts.



# Agricultural, Cultural, & Natural Resources

*Town of White River*

## *Archaeological Consultants*

The Office of the State Archaeologist maintains a list of archaeological consultants qualified to conduct archaeological studies, to identify and evaluate sites under various federal and state historic preservation laws and statutes.



# Economic Development Element

*Town of White River*

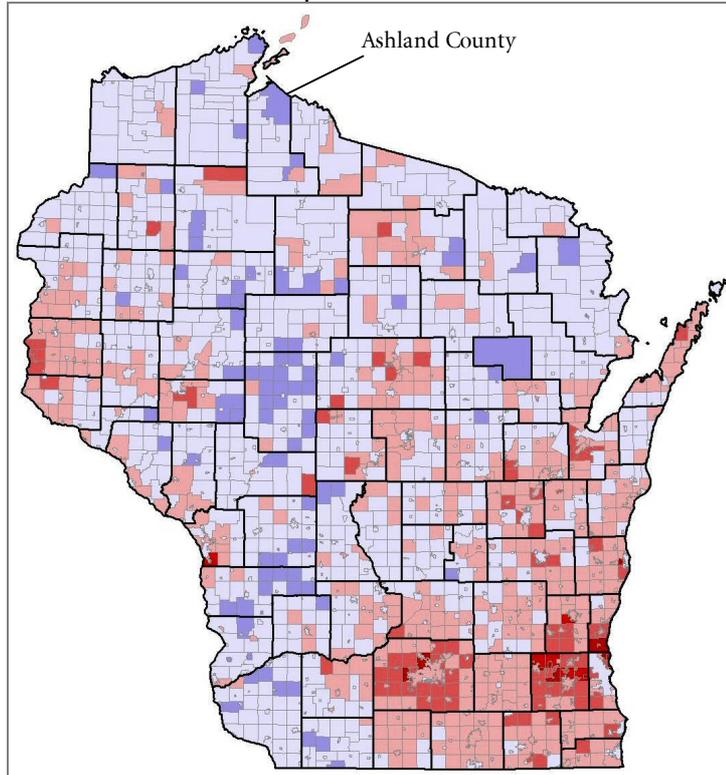
## Introduction

The degree and quality of economic development in a community and the region has a direct impact on quality of life. The income of residents, revenue of local government, funding of community organizations, range of career options, and variety of shopping and services are all heavily dependent upon the diversity, stability, and growth of the local and regional economy. The local and regional economy also has a significant influence on the landscape and environment – influencing the quality of air and water, noise levels, traffic, and the overall look and feel of the community.

Although it is difficult for a local community to change its economic structure, it can have a significant influence on the quality and quantity of economic activity – and given enough time, effort and investment even the local economic structure can be changed.

The intent of the economic development element is to provide basic information on the Town's economy and population, analyze trends and identify potential issues and opportunities so that as a whole the comprehensive plan will support the economic development goals of the Town.

Exhibit 1: Wisconsin Per Capita Incomes



The map shows the distribution of per capita incomes. The municipalities in blue were below the average per capita income in Wisconsin of \$19,923 and those in red were above. The darker the red or blue shade, the further away from the average.

*Source: 2000 U.S. Census*



# Economic Development Element

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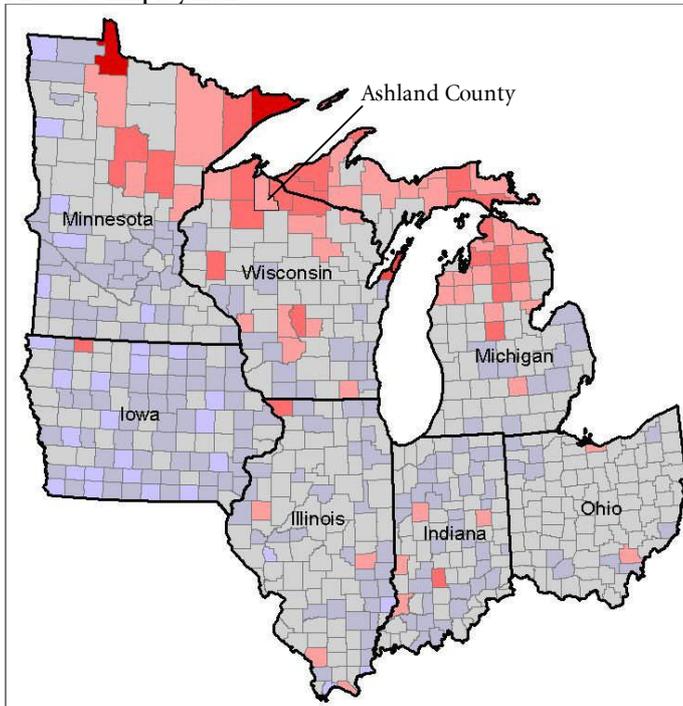
## Background

Historically, the industry category with the most employment in Ashland County has been manufacturing, followed by health care and social assistance, and retail trade. Unlike state and national trends, manufacturing employment in Ashland County has actually increased between 1997 and 2001. Wood product manufacturing lead the way, especially the manufacturing of wood veneer and plywood manufacturing in Mellen and Butternut.



The fastest growing industry in Ashland County today is tourism. According to the 2000 census, Ashland County had 8.4 percent of total employment in the category of "Accommodation and Food Service." The map below shows how this Ashland County percentage compares to the other counties in the Midwest (Exhibit 2). The counties in red have more than the national average of 6.2 percent in accommodation and food service and

**Exhibit 2: Accommodation / Food Service As Percentage of Midwest Employment**



*Source: 2000 U.S. Census*

the counties in blue are below the average. The graphic shows how important tourism is to the rural areas on the Great Lakes. Ashland County actually had more jobs in Accommodation and Food Service in 2000 than its neighbors Bayfield and Iron Counties, but Ashland also had a lot more employment in other categories like manufacturing.

Revenues from tourism have risen 221 percent in Ashland County between 1993 and 2002. This is the 5th highest increase among all Wisconsin counties. The county tourism industry and implications for the Town of White River are studied later in this element.



# Economic Development Element

Town of White River

## Population and Labor Force

The goal of any government unit is to increase the quality of life and opportunities for its citizens. This section studies the residents of White River in terms of population, employment status, income, and education level. These are all indicators of how the local government is performing and how the local economy is functioning. This is also an opportunity to look at the labor force of White River and consider its strengths and weaknesses for attracting new industries.

Manufacturing in the United States has undergone a dramatic change with the emergence of smaller, lighter industries that produce more valuable products. For example, all over Wisconsin small companies are producing heart valves, dentures, semiconductors, and valuable wood and dairy products. These companies are less reliant on closeness to raw materials, markets, and inexpensive labor and more dependent on a quality workforce. Improving the workforce will increase the Town's ability to attract companies and create jobs.

### Population & Unemployment

The total population in White River increased 15.7 percent from 1990 (771) to 2000 (892), which is much greater than the Ashland County growth of 3.4 percent and the Wisconsin growth of 9.6 percent. In 2000 the median age in White River was 26.8, the youngest population in Ashland County. In Ashland County the median age was 36.9 and in the state it was 36.0.

Unemployment is a serious problem in Ashland County. In 2000 the County unemployment rate was 8.1 percent, much higher than the State average of 4.7 percent. The Town of White River has much better employment figures than most of the County. Only 6.5 percent of the labor force were unemployed and 71.0 percent of the population was participating in the labor force. The following table shows the basic population and unemployment figures for the Town of White River, adjacent municipalities, Ashland County, and Wisconsin (Table 1).

|                           | White River | Ashland City | Gingles | Sanborn | Ashland County | Wisconsin |
|---------------------------|-------------|--------------|---------|---------|----------------|-----------|
| Total Population          | 892         | 8,620        | 640     | 1,272   | 16,866         | 5,363,675 |
| Population Age 16+        | 565         | 6,926        | 483     | 825     | 13,138         | 4,157,030 |
| In labor force:           | 401         | 4,512        | 366     | 592     | 8,504          | 2,872,104 |
| In Armed Forces           | 0           | 0            | 0       | 0       | 2              | 2,868     |
| Civilian Employed         | 375         | 4,121        | 342     | 537     | 7,810          | 2,734,925 |
| Civilian Unemployed       | 26          | 391          | 24      | 55      | 692            | 134,311   |
| Labor Force Participation | 71.0%       | 65.1%        | 75.8%   | 71.8%   | 64.7%          | 69.1%     |
| Unemployment Rate         | 6.5%        | 8.7%         | 6.6%    | 9.3%    | 8.1%           | 4.7%      |

Source: U.S. Census SF3: 2000



# Economic Development Element

Town of White River

## Household Income

White River has a median household income of \$38,250, much higher than Ashland County averages but still below the state figures. The table below shows incomes in White River compared to adjacent jurisdictions, Ashland County, and Wisconsin (Table 2).

| Table 2: Household Incomes – Town of White River and Comparable Areas: 2000 |             |              |           |           |                |           |
|---|-------------|--------------|-----------|-----------|----------------|-----------|
|   | White River | Ashland City | Gingles   | Sanborn   | Ashland County | Wisconsin |
| Total Households  | 273         | 3,491        | 241       | 424       | 6,697          | 2,086,304 |
| Income Less than \$15,000   | 11.4%       | 25.3%        | 9.1%      | 28.1%     | 22.8%          | 13.0%     |
| Income \$15,000 - \$24,999  | 18.3%       | 14.7%        | 9.5%      | 18.9%     | 15.6%          | 12.7%     |
| Income \$25,000 - \$34,999  | 15.0%       | 16.9%        | 21.6%     | 17.5%     | 16.8%          | 13.2%     |
| Income \$35,000 - \$49,999  | 27.1%       | 18.7%        | 17.4%     | 15.1%     | 19.3%          | 18.1%     |
| Income \$50,000 - \$74,999  | 15.4%       | 17.1%        | 35.7%     | 13.4%     | 17.5%          | 22.7%     |
| Income \$75,000 - \$99,999  | 4.8%        | 4.7%         | 6.6%      | 4.5%      | 5.0%           | 10.9%     |
| Income \$100,000 - \$149,999  | 4.4%        | 1.5%         | 0.0%      | 1.9%      | 1.8%           | 6.4%      |
| Income \$150,000 - \$199,999  | 0.7%        | 0.2%         | 0.0%      | 0.0%      | 0.2%           | 1.5%      |
| Income \$200,000 and over   | 2.9%        | 0.9%         | 0.0%      | 0.7%      | 1.0%           | 1.5%      |
| Income \$50,000 and over  | 28.2%       | 24.4%        | 42.3%     | 20.5%     | 25.5%          | 43.0%     |
| Median Household Income   | \$ 38,250   | \$ 30,853    | \$ 42,188 | \$ 26,711 | \$ 31,628      | \$43,791  |
| Per Capita Income   | \$ 15,667   | \$ 16,330    | \$ 16,085 | \$ 11,664 | \$ 16,069      | \$21,271  |
| Percent of Families Below Poverty Level                                     | 3.4%        | 7.5%         | 7.7%      | 23.7%     | 7.8%           | 5.6%      |

Source: U.S. Census. Table DP-3. Profile of Selected Economic Characteristics: 2000

## Educational Attainment

According to the 2000 U.S. Census, the White River population has a solid high school graduation rate but a low level of college education relative to other areas. Only 12.0 percent of the residents never finished high school and 42.1 percent of the population have some post high school education. The table below educational attainment in White River, adjacent municipalities, Ashland County, and Wisconsin (Table 3).

| Table 3: Highest Educational Attainment – Town of White River and Comparable Areas: 2000 |             |              |         |         |                |           |
|--|-------------|--------------|---------|---------|----------------|-----------|
|  | White River | Ashland City | Gingles | Sanborn | Ashland County | Wisconsin |
| Population Age 25+   | 449         | 5,336        | 432     | 682     | 10,668         | 3,475,878 |
| Less than 9th grade  | 3.8%        | 7.0%         | 0.0%    | 4.3%    | 6.4%           | 5.4%      |
| Some High School, no diploma   | 8.2%        | 8.5%         | 5.8%    | 12.3%   | 9.5%           | 9.6%      |
| High School Graduate (or GED)  | 45.9%       | 37.1%        | 40.0%   | 41.1%   | 40.5%          | 34.6%     |
| Some College, no degree  | 24.1%       | 19.9%        | 21.8%   | 22.9%   | 19.7%          | 20.6%     |
| Associate Degree   | 7.8%        | 7.1%         | 11.3%   | 7.0%    | 7.3%           | 7.5%      |
| Bachelor Degree  | 7.6%        | 12.8%        | 17.4%   | 10.1%   | 11.2%          | 15.3%     |
| Graduate or Professional Degree  | 2.7%        | 7.6%         | 3.7%    | 2.3%    | 5.4%           | 7.2%      |
| Total with Some Post High School Education   | 42.1%       | 47.5%        | 54.2%   | 42.4%   | 43.6%          | 50.5%     |

Source: U.S. Census. Table DP-3. Profile of Selected Economic Characteristics: 2000



# Economic Development Element

*Town of White River*

## Occupations

In comparison to State and County averages, a large percentage of the White River workforce are employed in blue-collar occupations. There is a higher percentage of persons in the Farming and Construction categories than County and State averages. The breakdown of occupations for employed persons in the Town of White River, Ashland County, and Wisconsin is as follows. Note that this is not the industry they are employed in but what type of position they have with the company (Table 4).

| Occupation   | White River | Percent | Ashland County | Percent | Wisconsin | Percent |
|--|-------------|---------|----------------|---------|-----------|---------|
| Service occupations:   | 75          | 20.0%   | 1,624          | 20.8%   | 383,619   | 14.0%   |
| Sales and office occupations:                                | 87          | 23.2%   | 1,710          | 21.9%   | 690,360   | 25.2%   |
| Production, transportation, and material moving occupations: | 52          | 13.9%   | 1,531          | 19.6%   | 540,930   | 19.8%   |
| Management, professional, and related occupations:           | 75          | 20.0%   | 2,043          | 26.2%   | 857,205   | 31.3%   |
| Farming, fishing, and forestry occupations                   | 22          | 5.9%    | 211            | 2.7%    | 25,725    | 0.9%    |
| Construction, extraction, and maintenance occupations:       | 64          | 17.1%   | 691            | 8.8%    | 237,086   | 8.7%    |
| Total:   | 375         | 100.0%  | 7,810          | 100.0%  | 2,734,925 | 100.0%  |

Source: U.S. Census Bureau, Table DP-3.  
 Profile of Selected Economic Development Characteristics: 2000.



# Economic Development Element

*Town of White River*

## Household Spending

Spending habits are important to economic development and understanding life in a community. It shows the priorities and preferences of the population, what it costs to live, and the spending power available to support new enterprises. Table 5 is an estimate of the spending habits of households in each municipality in Ashland County. The numbers were estimated based on population, annual incomes, and spending preferences (based on demographics) of each town (Table 5).

**Table 5: Household Spending Figures – Ashland County Municipalities and Wisconsin: 2003**

|                   | Total Area Expenditures | Average Household Expenditures | Housing | Transportation | Travel / Recreation | Health Care | Food  | Apparel | Education |
|-------------------|-------------------------|--------------------------------|---------|----------------|---------------------|-------------|-------|---------|-----------|
| Agenda town       | 8,964,739               | 43,945                         | 11,100  | 6,439          | 3,323               | 2,252       | 6,299 | 2,200   | 721       |
| Ashland city      | 145,774,072             | 40,594                         | 10,340  | 6,148          | 3,019               | 2,052       | 5,887 | 2,039   | 657       |
| Ashland town      | 9,958,796               | 44,459                         | 10,251  | 7,877          | 3,370               | 2,756       | 6,448 | 1,988   | 502       |
| Butternut village | 8,789,308               | 45,306                         | 11,306  | 6,853          | 3,427               | 2,401       | 6,504 | 2,228   | 705       |
| Chippewa town     | 7,439,432               | 48,308                         | 11,615  | 7,999          | 3,654               | 2,813       | 6,970 | 2,249   | 627       |
| Gingles town      | 10,858,932              | 46,406                         | 11,136  | 7,662          | 3,521               | 2,575       | 6,590 | 2,181   | 592       |
| Gordon town       | 5,695,037               | 37,467                         | 8,815   | 6,516          | 2,820               | 2,286       | 5,443 | 1,700   | 432       |
| Jacobs town       | 11,740,278              | 33,640                         | 7,783   | 6,090          | 2,485               | 2,109       | 4,970 | 1,524   | 352       |
| La Pointe town    | 5,197,362               | 42,255                         | 9,986   | 7,268          | 3,197               | 2,559       | 6,110 | 1,918   | 499       |
| Marengo town      | 6,052,659               | 46,559                         | 10,801  | 8,151          | 3,531               | 2,825       | 6,722 | 2,102   | 538       |
| Mellen city       | 14,961,458              | 40,219                         | 9,399   | 7,110          | 3,005               | 2,481       | 5,882 | 1,824   | 446       |
| Morse town        | 8,580,566               | 44,690                         | 10,383  | 8,010          | 3,317               | 2,783       | 6,574 | 2,025   | 480       |
| Peeksville town   | 2,968,367               | 44,304                         | 10,755  | 7,187          | 3,334               | 2,514       | 6,410 | 2,105   | 604       |
| Sanborn town      | 18,629,641              | 43,938                         | 10,404  | 7,520          | 3,322               | 2,643       | 6,351 | 2,003   | 528       |
| Shanagolden town  | 2,786,794               | 44,948                         | 10,567  | 7,832          | 3,380               | 2,746       | 6,535 | 2,039   | 516       |
| White River town  | 12,762,149              | 46,073                         | 11,034  | 7,648          | 3,495               | 2,584       | 6,554 | 2,155   | 581       |
| Ashland County    | 281 million             | 41,652                         | 10,270  | 6,672          | 3,115               | 2,272       | 6,036 | 2,013   | 597       |
| Wisconsin         | 122.7 billion           | 56,957                         | 14,353  | 8,789          | 4,279               | 2,874       | 8,105 | 2,811   | 860       |

Source: ESRI Business Information Solutions Community Information Database

## Town of White River

As Table 5 shows, White River households have the capacity to spend more than the Ashland County average for almost every category. These figures are a result of the income figures mentioned previously. The table also shows how much less spending power Ashland County households have than the State average for the different categories of spending.



# Economic Development Element

*Town of White River*

## Economic Base

### Ashland County Primary Industry Groups

The U.S. Census Bureau collects data on industries continually and publishes a yearly report called County Business Patterns (CBP). The CBP can provide a profile of Ashland County's employers and economic activity. Note that these data reflect the employment provided by Ashland County firms, not the employment of Ashland County residents.

The following table shows the general groupings of industries in Ashland County and how the number of establishments and employees has changed from 1998 to 2001 (Table 6).

| Industry   | Establishments |      |      |      | Employees |       |       |       |
|--|----------------|------|------|------|-----------|-------|-------|-------|
|  | 1998           | 1999 | 2000 | 2001 | 1998      | 1999  | 2000  | 2001  |
| Manufacturing  | 34             | 32   | 31   | 32   | 1,424     | 1,450 | 1,582 | 1,661 |
| Health Care and Social Assistance                        | 57             | 58   | 54   | 55   | 1,391     | 1,652 | 1,553 | 1,457 |
| Retail Trade   | 115            | 112  | 102  | 103  | 1,024     | 1,030 | 968   | 980   |
| Accommodation and Food Services                          | 71             | 73   | 72   | 70   | 719       | 692   | 801   | 833   |
| Construction   | 45             | 50   | 54   | 57   | 281       | 308   | 347   | 297   |
| Other Services, except Public Admin                      | 55             | 55   | 55   | 57   | 199       | 258   | 283   | 270   |
| Finance and Insurance                                    | 33             | 31   | 30   | 28   | 191       | 179   | 183   | 187   |
| Transportation and Warehousing                           | 28             | 30   | 29   | 31   | 162       | 189   | 205   | 202   |
| Wholesale Trade  | 17             | 17   | 16   | 17   | 142       | 124   | 119   | 173   |
| Information  | 11             | 11   | 11   | 11   | 138       | 148   | 154   | 156   |
| Professional, Scientific, and Technical Services         | 35             | 37   | 35   | 32   | 118       | 133   | 147   | 144   |
| Agriculture, Forestry, Fishing, and Hunting              | 26             | 27   | 23   | 20   | 95        | 86    | 61    | 49    |
| Real Estate and Rental and Leasing                       | 12             | 15   | 17   | 16   | 63        | 20-99 | 68    | 47    |
| Unclassified Establishments                              | 4              | 8    | 4    | 3    | 0-19      |       |       | 3     |
| Educational Services                                     | 4              | 4    | 4    | 4    | 500-999   |       |       |       |
| Utilities  | 4              | 4    | 4    | 4    | 20-99     |       |       |       |
| Art, Entertainment & Recreation                          | 13             | 12   | 12   | 13   | 20-99     |       |       |       |
| Admin, Support, Waste Management, & Remediation Services | 16             | 14   | 14   | 15   | 60        | 20-99 |       |       |

Source: U.S. Census County Business Patterns Database

The main provider of jobs for Ashland County is manufacturing. The table above shows that the number of establishments has stayed steady, but employment has increased. Between 1998 and 2001, Ashland County manufacturing employment grew 16.6 percent. In this same period manufacturing employment declined 4.4 percent in Wisconsin and 6.3 percent nationally (Table 6).



# Economic Development Element

*Town of White River*

## Industry Sub-Categories

The following table shows the individual industries that employ at least 100 people in Ashland County (Table 7).

| Table 7: Employment and Establishments – Ashland County 1998-2001 |                |      |      |      |           |         |         |      |  |
|---|----------------|------|------|------|-----------|---------|---------|------|--|
| Industry  | Establishments |      |      |      | Employees |         |         |      |  |
|   | 1998           | 1999 | 2000 | 2001 | 1998      | 1999    | 2000    | 2001 |  |
| Wood Product Manufacturing  | 14             | 15   | 13   | 13   | 779       | 795     | 827     | 914  |  |
| Food Services and Drinking Places                                 | 59             | 60   | 61   | 59   | 576       | 569     | 690     | 643  |  |
| Ambulatory Health Care Services                                   | 35             | 35   | 33   | 31   | 470       | 512     | 487     | 485  |  |
| Accommodation   | 12             | 13   | 11   | 11   | 143       | 123     | 111     | 190  |  |
| Food and Beverage Stores  | 16             | 16   | 14   | 14   | 259       | 248     | 196     | 189  |  |
| Religious, Grantmaking, Civic, and Professional Organizations     | 27             | 26   | 26   | 27   | 119       | 184     | 192     | 175  |  |
| Special trade contractors   | 26             | 29   | 35   | 39   | 119       | 132     | 170     | 171  |  |
| Professional, Scientific, and Technical Services                  | 35             | 37   | 35   | 32   | 118       | 133     | 147     | 144  |  |
| Motor Vehicle and Parts Dealers                                   | 13             | 13   | 10   | 10   | 133       | 143     | 115     | 135  |  |
| Gasoline Stations   | 17             | 17   | 16   | 17   | 102       | 91      | 109     | 112  |  |
| Publishing Industries (except Internet)                           | 4              | 4    | 4    | 5    | 100-249   | 100-249 | 100-249 | 106  |  |
| Truck Transportation  | 19             | 20   | 18   | 20   | 68        | 92      | 100     | 102  |  |

Source: U.S. Census County Business Patterns Database

**Wood product manufacturing** is the largest industry category for employment. Between 1998 and 2001 this industry added 135 new jobs, which accounts for 57 percent of the total increase in manufacturing employment in Ashland County.

Table 8 shows the most detailed industry groupings for the wood product manufacturing category. At this level of detail, the employment is displayed as a range to protect the confidentiality of the companies. Still, it is clear that the majority of employment comes from hardwood and veneer manufacturing, employing at least 500 people.

| Table 8: Employment by Individual Industries – Ashland County: 2001 |       |           |
|---|-------|-----------|
| Industry  | Firms | Employees |
| Wood container & pallet mfg   | 1     | 0-19      |
| Cut stock, resawing lumber & planing                                | 1     | 20-99     |
| Other millwork (including flooring)                                 | 2     | 20-99     |
| Hardwood veneer & plywood mfg                                       | 3     | 500-999   |
| Truss mfg   | 1     | 0-19      |
| Sawmills  | 2     | 20-99     |
| All other miscellaneous wood product mfg                            | 3     | 218       |

Source: U.S. Census County Business Patterns Database



# Economic Development Element

*Town of White River*

The other established and growing industries are the restaurant and accommodation categories, which can largely be attributed to the growing tourism industry. This Ashland County tourism industry is discussed in the next section.

## Employment by Industry

As is typical of a rural township near a metropolitan area, White River employment is lower than average in education, health and social services but high in industries like construction, and agriculture. The tourism industry is also strong in White River with Arts, entertainment, recreation, accommodation and food services employing 12.3 percent of the employed workforce. The following table shows the industries employing those in the Town of White River compared to Ashland County and Wisconsin. Note that the list below shows the number of White River residents employed in each industry, not the number of jobs offered by local employers (Table 9).

**Table 9: Employment by Industry: Town of White River, Ashland County, Wisconsin - 2000**

| Industry  | White River | Percent       | Ashland County | Percent     | Wisconsin        | Percent     |
|---|-------------|---------------|----------------|-------------|------------------|-------------|
| Agriculture, forestry, fishing and hunting, and mining                              | 52          | 13.9%         | 352            | 4.5%        | 75,418           | 2.8%        |
| Construction  | 52          | 13.9%         | 476            | 6.1%        | 161,625          | 5.9%        |
| Manufacturing   | 41          | 10.9%         | 1,336          | 17.1%       | 606,845          | 22.2%       |
| Wholesale trade   | 15          | 4.0%          | 99             | 1.3%        | 87,979           | 3.2%        |
| Retail trade  | 42          | 11.2%         | 822            | 10.5%       | 317,881          | 11.6%       |
| Transportation and warehousing, and utilities                                       | 18          | 4.8%          | 338            | 4.3%        | 123,657          | 4.5%        |
| Information   | 0           | 0.0%          | 126            | 1.6%        | 60,142           | 2.2%        |
| Finance, insurance, real estate and rental and leasing                              | 8           | 2.1%          | 283            | 3.6%        | 168,060          | 6.1%        |
| Professional, scientific, management, administrative, and waste management services | 13          | 3.5%          | 356            | 4.6%        | 179,503          | 6.6%        |
| Educational, health and social services:  | 63          | 16.8%         | 2,015          | 25.8%       | 548,111          | 20.0%       |
| Arts, entertainment, recreation, accommodation and food services                    | 46          | 12.3%         | 876            | 11.2%       | 198,528          | 7.3%        |
| Other services  | 15          | 4.0%          | 299            | 3.8%        | 111,028          | 4.1%        |
| Public administration   | 10          | 2.7%          | 432            | 5.5%        | 96,148           | 3.5%        |
| <b>TOTAL</b>  | <b>375</b>  | <b>100.0%</b> | <b>7,810</b>   | <b>100%</b> | <b>2,734,925</b> | <b>100%</b> |

Source: U.S. Census Bureau, Table DP-3. Profile of Selected Economic Development Characteristics: 2000.

With Ashland County becoming a retirement destination and the population becoming older, health care and social services should be a growing industry in the coming years.



# Economic Development Element

*Town of White River*

## Largest Employers in Ashland County

The largest employers in Ashland County are a reflection of the dominant industries. Most are associated with manufacturing, tourism, forest products, or serving the local population. The Bad River Indian Community is the largest employer with at least 500 employees (Table 10).

| Table 10: Largest Employers - Ashland County |  |                 |         |
|--|--|-----------------|---------|
| Name   | NAICS Description                                | Location        | Size    |
| Bad River Indian Community                   | American Indian Tribal Government                | Sanborn         | 500-999 |
| Memorial Medical Center                      | General Medical and Surgical Hospitals           | City of Ashland | 250-499 |
| C G Bretting Manufacturing                   | Paper Industry Machinery Manufacturing           | City of Ashland | 250-499 |
| Ashland School District                      | Elementary and Secondary Schools                 | City of Ashland | 185-425 |
| Coop Educational Service                     | Administration of Education Programs             | City of Ashland | 100-249 |
| Larson-Juhl US                               | All Other Miscellaneous Manufacturing            | City of Ashland | 100-249 |
| Northland College                            | Colleges, Universities, and Professional Schools | City of Ashland | 100-249 |
| Wal-Mart                                     | Discount Department Stores                       | City of Ashland | 100-249 |
| Columbia Forest Products                     | Hardwood Veneer and Plywood Manufacturing        | City of Mellen  | 100-249 |
| Birds Eye Veneer                             | Hardwood Veneer and Plywood Manufacturing        | Butternut       | 100-249 |
| Duluth Clinic – Ashland                      | Offices of Physicians                            | City of Ashland | 100-249 |
| Lori Knapp Inc                               | Other Community Housing Services                 | City of Ashland | 100-249 |
| Beverly Health & Rehabilitation              | Nursing Care Facilities                          | City of Ashland | 100-249 |

Source: WI DWD, Bureau of Workforce Information, ES-202 Database

## Employers in the Town of White River

White River's largest employer is the White River Hardwoods sawmill. With an employed workforce of 375, the Town is a net importer of jobs. That is, White River has fewer jobs than are consumed by its local workforce. Residents must travel to surrounding employment centers for work, presumably Ashland and Mellen (Table 11).

| Table 11: Largest Employers – Town of White River |   |       |
|---|---|-------|
| Name  | NAICS Description                                   | Size  |
| WHITE RIVER HARDWOODS INC                         | Sawmills  | 10-19 |
| BLAKEMAN PLUMBING & HEATING                       | Plumbing, Heating, and Air-Conditioning Contractors | 5-9   |
| GRANGER BUILDERS INC                              | New Single-Family Housing                           | 5-9   |
| TOWN OF WHITE RIVER                               | Executive and Legislative Offices, Combined         | 5-9   |
| LIPKA CONSTRUCTION                                |   | 5-9   |
| RITOLA INC  | Logging   | 1-4   |
| DON TIKKA CONSTRUCTION                            | New Single-Family Housing                           | 1-4   |
| KEITH JOLMA ELECTRIC                              | Electrical Contractors                              | 1-4   |
| VALLEY LOGWRIGHT                                  | New Single-Family Housing Construction              | 1-4   |

Source: WI DWD, Bureau of Workforce Information, ES-202 Database

Other Places of Employment in White River Include but are not Limited to:

- *Bitter Creek Candle Supply*
- *Private Farms*
- *IDE Enterprise*



# Economic Development Element

*Town of White River*

## State of Wisconsin Trends

The following three pages contain the latest projections from the Wisconsin Department of Workforce Development on industries which are projected to increase or decline in Wisconsin over the next ten years.

| Figure 1-4: Thirty Fastest Growing Industries, 2000 to 2010 |  |                           |                           |                             |                          |
|---|--|---------------------------|---------------------------|-----------------------------|--------------------------|
| SIC Code  | Industry Title                         | 2000 Estimated Employment | 2010 Projected Employment | 2000-2010 Employment Change | 2000-2010 Percent Change |
| 89  | Services, Not Elsewhere Classified     | 440                       | 630                       | 190                         | 43.2%                    |
| 79  | Amusement & Recreation Services        | 31,070                    | 42,790                    | 11,720                      | 37.7%                    |
| 07  | Agricultural Services                  | 15,680                    | 20,860                    | 5,180                       | 33.0%                    |
| 83  | Social Services                        | 76,420                    | 100,500                   | 24,080                      | 31.5%                    |
| 84  | Museums, Botanical, Zoological Gardens | 1,420                     | 1,850                     | 430                         | 30.3%                    |
| 87  | Engineering & Management Services      | 40,650                    | 52,750                    | 12,100                      | 29.8%                    |
| 75  | Auto Repair Services and Parking       | 22,040                    | 28,540                    | 6,500                       | 29.5%                    |
| 81  | Legal Services                         | 13,850                    | 17,760                    | 3,910                       | 28.2%                    |
| 47  | Transportation Services                | 6,510                     | 8,130                     | 1,620                       | 24.9%                    |
| 80  | Health Services                        | 233,240                   | 287,930                   | 54,690                      | 23.4%                    |
| 70  | Hotels & Other Lodging Places          | 30,770                    | 36,600                    | 5,830                       | 18.9%                    |
| 73  | Business Services                      | 152,990                   | 181,300                   | 28,310                      | 18.5%                    |
| 41  | Local and Interurban Transit           | 15,920                    | 18,520                    | 2,600                       | 16.3%                    |
| 59  | Miscellaneous Retail Stores            | 73,760                    | 85,760                    | 12,000                      | 16.3%                    |
| 86  | Membership Organizations               | 74,740                    | 86,860                    | 12,120                      | 16.2%                    |
| 67  | Holding & Other Investment Offices     | 4,550                     | 5,280                     | 730                         | 16.0%                    |
| 62  | Security & Commodity Brokers           | 8,240                     | 9,450                     | 1,210                       | 14.7%                    |
| 25  | Furniture and Fixtures                 | 18,640                    | 21,300                    | 2,660                       | 14.3%                    |
| 58  | Eating and Drinking Places             | 173,380                   | 197,940                   | 24,560                      | 14.2%                    |
| 57  | Furniture & Homefurnishings Stores     | 19,210                    | 21,780                    | 2,570                       | 13.4%                    |
| 65  | Real Estate                            | 20,270                    | 22,760                    | 2,490                       | 12.3%                    |
| 72  | Personal Services                      | 26,170                    | 29,310                    | 3,140                       | 12.0%                    |
| 45  | Transportation by Air                  | 13,990                    | 15,550                    | 1,560                       | 11.2%                    |
| 16  | General Contractors, Except Building   | 12,600                    | 13,860                    | 1,260                       | 10.0%                    |
| 82  | Educational Services                   | 245,780                   | 270,350                   | 24,570                      | 10.0%                    |
| 55  | Auto Dealers & Service Stations        | 58,560                    | 64,300                    | 5,740                       | 9.8%                     |
| 17  | Special Trade Contractors              | 81,110                    | 88,850                    | 7,740                       | 9.5%                     |
| 63  | Insurance Carriers                     | 48,600                    | 53,200                    | 4,600                       | 9.5%                     |
| 15  | General Building Contractors           | 30,360                    | 33,090                    | 2,730                       | 9.0%                     |
| 61  | Nondepository Institutions             | 6,930                     | 7,540                     | 610                         | 8.8%                     |

Employment rounded to nearest 10.  
 Numbers may not add due to rounding.  
 Employment derived using data from 2000 Current Employment Statistics (2001 Benchmark), 2000 Covered Employment and Wages, and unpublished data from the U.S. Bureau of Labor Statistics and U.S. Census Bureau.  
 Source: Projections Unit, Office of Economic Advisors, Wisconsin Department of Workforce Development



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Figure 1-3: Thirty Industries Adding the Most New Jobs, 2000 to 2010

| SIC Code | Industry Title  | 2000 Estimated Employment | 2010 Projected Employment | 2000-2010 New Jobs | 2000-2010 Percent Change |
|----------|---|---------------------------|---------------------------|--------------------|--------------------------|
| 80       | Health Services <sup>(1)</sup>                                  | 233,240                   | 287,930                   | 54,690             | 23.4%                    |
| 73       | Business Services   | 152,990                   | 181,300                   | 28,310             | 18.5%                    |
| 82       | Educational Services <sup>(1)</sup>                             | 245,780                   | 270,350                   | 24,570             | 10.0%                    |
| 58       | Eating and Drinking Places                                      | 173,380                   | 197,940                   | 24,560             | 14.2%                    |
| 83       | Social Services   | 76,420                    | 100,500                   | 24,080             | 31.5%                    |
| 86       | Membership Organizations  | 74,740                    | 86,860                    | 12,120             | 16.2%                    |
| 87       | Engineering & Management Services                               | 40,650                    | 52,750                    | 12,100             | 29.8%                    |
| 59       | Miscellaneous Retail Stores                                     | 73,760                    | 85,760                    | 12,000             | 16.3%                    |
| 79       | Amusement & Recreation Services                                 | 31,070                    | 42,790                    | 11,720             | 37.7%                    |
| 93       | Local Government, ex. Education & Hospitals <sup>(1), (2)</sup> | 126,080                   | 135,000                   | 8,920              | 7.1%                     |
| 17       | Special Trade Contractors                                       | 81,110                    | 88,850                    | 7,740              | 9.5%                     |
| 75       | Auto Repair Services and Parking                                | 22,040                    | 28,540                    | 6,500              | 29.5%                    |
| 50       | Wholesale Trade, Durable Goods                                  | 80,850                    | 86,960                    | 6,110              | 7.6%                     |
| 70       | Hotels & Other Lodging Places                                   | 30,770                    | 36,600                    | 5,830              | 18.9%                    |
| 55       | Auto Dealers & Service Stations                                 | 58,560                    | 64,300                    | 5,740              | 9.8%                     |
| 07       | Agricultural Services   | 15,680                    | 20,860                    | 5,180              | 33.0%                    |
| 53       | General Merchandise Stores                                      | 66,360                    | 71,500                    | 5,140              | 7.7%                     |
| 63       | Insurance Carriers  | 48,600                    | 53,200                    | 4,600              | 9.5%                     |
| 81       | Legal Services  | 13,850                    | 17,760                    | 3,910              | 28.2%                    |
| 51       | Wholesale Trade, Nondurable Goods                               | 57,740                    | 61,540                    | 3,800              | 6.6%                     |
| 42       | Trucking and Warehousing  | 53,590                    | 57,370                    | 3,780              | 7.1%                     |
| 54       | Food Stores   | 65,150                    | 68,400                    | 3,250              | 5.0%                     |
| 72       | Personal Services   | 26,170                    | 29,310                    | 3,140              | 12.0%                    |
| 24       | Lumber and Wood Products  | 32,220                    | 35,000                    | 2,780              | 8.6%                     |
| 15       | General Building Contractors                                    | 30,360                    | 33,090                    | 2,730              | 9.0%                     |
| 25       | Furniture and Fixtures  | 18,640                    | 21,300                    | 2,660              | 14.3%                    |
| 41       | Local and Interurban Transit                                    | 15,920                    | 18,520                    | 2,600              | 16.3%                    |
| 57       | Furniture & Homefurnishings Stores                              | 19,210                    | 21,780                    | 2,570              | 13.4%                    |
| 65       | Real Estate   | 20,270                    | 22,760                    | 2,490              | 12.3%                    |
| 52       | Building Materials & Garden Supplies                            | 26,140                    | 28,280                    | 2,140              | 8.2%                     |

<sup>(1)</sup>State and local government employment in education and hospitals is removed and included with Educational Services (SIC 82) and Health Services (SIC 80).

<sup>(2)</sup>Local government includes tribal owned operations.

Employment rounded to nearest 10.

Numbers may not add due to rounding.

Employment derived using data from 2000 Current Employment Statistics (2001 Benchmark), 2000 Covered Employment and Wages, and unpublished data from the U.S. Bureau of Labor Statistics and U.S. Census Bureau.

Source: Projections Unit, Office of Economic Advisors, Wisconsin Department of Workforce Development



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**Figure 1-5: Declining Industries, 2000 to 2010**

| SIC Code           | Industry Title                          | 2000 Estimated Employment | 2010 Projected Employment | 2000-2010 Employment Change | 2000-2010 Percent Change |
|--------------------|---|---------------------------|---------------------------|-----------------------------|--------------------------|
| 35                 | Industrial Machinery and Equipment      | 109,410                   | 104,100                   | (5,310)                     | -4.9%                    |
| 33                 | Primary Metal Industries                | 26,170                    | 23,300                    | (2,870)                     | -11.0%                   |
| 36                 | Electronic & Other Electrical Equipment | 46,700                    | 44,100                    | (2,600)                     | -5.6%                    |
| 37                 | Transportation Equipment                | 34,240                    | 31,800                    | (2,440)                     | -7.1%                    |
| 34                 | Fabricated Metal Products               | 67,790                    | 65,600                    | (2,190)                     | -3.2%                    |
| 31                 | Leather & Leather Products              | 3,500                     | 1,600                     | (1,900)                     | -54.3%                   |
| 88                 | Private Households                      | 5,540                     | 4,000                     | (1,540)                     | -27.8%                   |
| 26                 | Paper & Allied Products                 | 52,250                    | 50,800                    | (1,450)                     | -2.8%                    |
| 27                 | Printing & Publishing                   | 54,690                    | 53,400                    | (1,290)                     | -2.4%                    |
| 40                 | Railroad Transportation                 | 3,770                     | 2,490                     | (1,280)                     | -34.0%                   |
| 56                 | Apparel and Accessories Stores          | 16,170                    | 14,930                    | (1,240)                     | -7.7%                    |
| 23                 | Apparel and Textile Products            | 5,810                     | 5,000                     | (810)                       | -13.9%                   |
| 38                 | Instruments and Related Products        | 17,730                    | 17,300                    | (430)                       | -2.4%                    |
| 22                 | Textile Mill Products                   | 2,410                     | 2,000                     | (410)                       | -17.0%                   |
| 884 <sup>(1)</sup> | Unpaid Family Workers                   | 2,200                     | 1,890                     | (310)                       | -14.1%                   |
| 14                 | Nonmetallic Minerals, Except Fuels      | 2,720                     | 2,480                     | (240)                       | -8.8%                    |
| 29                 | Petroleum and Coal Products             | 430                       | 400                       | (30)                        | -7.0%                    |
| 46                 | Pipe Lines, Except Natural Gas          | 120                       | 90                        | (30)                        | -25.0%                   |
| 91                 | Federal Government <sup>(2)</sup>       | 16,620                    | 16,600                    | (20)                        | -0.1%                    |

<sup>(1)</sup>This code is used for occupational projection purposes. This code includes all family members who work unpaid in family-owned businesses, regardless of the industry.

<sup>(2)</sup>Postal Service employment is taken out of Federal Government employment and is shown as SIC 43.

Employment is rounded to the nearest ten.  
Numbers may not add due to rounding.

Employment derived using data from 2000 Current Employment Statistics (2001 Benchmark), 2000 Covered Employment and Wages, and unpublished data from the U.S. Bureau of Labor Statistics and U.S. Census Bureau.

Source: Projections Unit, Office of Economic Advisors, Wisconsin Department of Workforce Development



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## Distribution Network

If Ashland County wants to attract new business and support the existing industries, investment in the distribution network for goods and services will have to continue. This includes road, rail, water, and air transportation systems.

- **Road**

The road network in Ashland County is the dominant—and in most places the only—means of transportation for goods and services. There is no high-speed highway or interstate running through the county and travel on Ashland County roads is slow. The logging, nonmetallic mining, and other heavy transport vehicles further stress the road network. Town roads are also open to ATV's which create an additional level of wear and tear.

- **Rail**

There is one primary rail line that runs parallel along Highway 13 through the City of Ashland to Butternut and on to Price County. Much of this line is currently unused or not frequently used and there is talk about removing the underused sections. Communities along the rail corridor must seriously consider the consequences of removing this rail line if they ever hope to attract industry or build an industrial park in the future. Once the line is removed, trucking is the only means of transportation and replacing the rail later would be expensive.

- **Water**

The level of Lake Superior has been gradually dropping. This is compromising the harbors along the Lake Superior coastline and some ports can no longer accept deep-water vessels. Ashland County should review these harbors and decide if they are still viable for the County's shipping needs.

- **Air**

Major renovations are currently underway at the Ashland Airport and these investments should continue for economic development to succeed. Air transportation is a vital component to the future of the Ashland County economy for many reasons. Today, access to air travel is one of the most important factors in choosing firm locations. No matter what the product is, firms need the ability to reach other cities for meetings and to move clients and executives. Many manufacturing firms today even use air as the primary means of shipping because they produce small, high-value products that require immediate delivery. Another industry that would benefit from airport improvements is the growing cottage arts and crafts sector that sells products via catalogue or on the Internet and needs quick air shipping by companies like Federal Express. Finally, the tourism industry in Ashland County will become increasingly dependent on air travel as it becomes a more popular destination.



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## Tourism

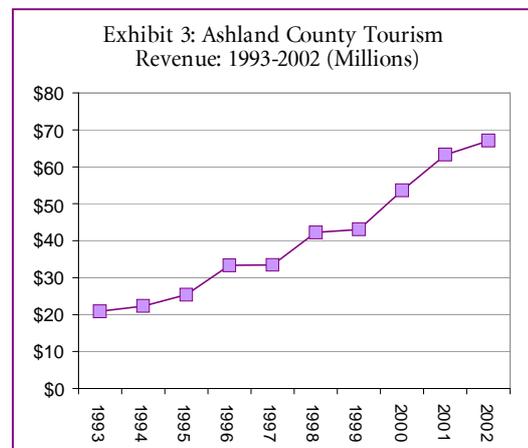
Tourism is an important part of the Wisconsin economy and almost every region of the State is affected. According to the Wisconsin Department of Tourism, travelers spend \$32 million per day in Wisconsin or \$370 per second. State and local government revenues generated by tourism in 2002 were estimated at 11.6 billion. This results in \$6.6 billion in employee wages, \$1.1 billion in State government revenues, and \$778 million in local government revenues. The largest single expenditure category was retail shopping at \$3.5 billion.

More people are traveling to Ashland County every year for its natural attractions including a large section of the Chequamegon National Forest, Copper Falls State Park, miles of Lake Superior coastline, Madeline Island, the Flambeau River, the elk herd near Clam Lake, the Chippewas River, the White River, the Marengo and Brunsweller River, thousands of miles of small trout streams, and multiple small lakes. There are cultural attractions in the Bad River Reservation, ethnic festivals throughout the County, and the County Fair. Travelers are also drawn to the County for year-round recreational activities like hunting, fishing, skiing, biking, and snowmobiling, along with hiking, canoeing, kayaking (stream and sea), birdwatching, camping, ice fishing, and other quiet sports.

There are many opportunities for communities to become “gateways” to the natural attractions where tourists make their last stop for food, supplies, and gas. Some towns make their impact by hosting festivals. A 1995 survey showed Ashland County to have the following amenities for tourists: 15 campgrounds, 271 campsites, 180 miles of hiking trails, 16 miles of mountain bike trails, 51 miles of cross country skiing trails, and 297 miles of snowmobile trails.

A 1990 survey completed by the UW Extension specifically studied the types of tourists that come to Wisconsin for State Parks and trails. They found that these tourists spent roughly \$190 per group, per trip (depending on the size of the group and length of stay). Importantly, they found that these tourists spend most of their money on groceries, eating and drinking, and automobile-related items.

Ashland County tourism expenditures were estimated at \$67 million dollars in 2002. Summer was the biggest season with expenditures of \$35 million (Exhibit 3). Fall travelers spent \$16 million and winter/spring visitors spend \$15 million. Ashland County’s revenue in 2002 was only 44<sup>th</sup> out of Wisconsin’s 72 counties, but expenditures have risen 221 percent between 1993 and 2002. This is the 5th highest increase among all Wisconsin counties. Tourism is one of the largest areas of growth for the Ashland County economy and every community in





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the region could benefit from its growth. The chart to the right shows the steady increase of Ashland County's tourism revenues.

## Recreational Trails

A large component of Ashland County's tourism is snowmobiling and ATV trails. Building, maintaining, and promoting these trails can link even the most remote villages and townships into the tourism industry. Wisconsin had 192,211 registered ATVs at the end of 2003. According to the Wisconsin Department of Tourism, the average ATV party consisted of five people and stayed three days. The average persons spent \$523.33 per trip or \$163.54 per day. Other types of recreational trails (hiking, cross-country skiing, etc.) are also popular attractions that likely contribute to the tourism economy. One component lacking in Ashland County is comprehensive trail maps and websites marketing the trails to potential travelers. Paper trail maps are published through the Ashland County Snomobile Alliance and the Wisconsin ATV Alliance, but the maps do not match and many potential tourists plan their vacation using the Internet. There are snowmobile and ATV trails located within White River's boundaries.

## Hunting / Fishing

Several Ashland County lakes are listed on the DNR website as fishing destinations. Quality sportfish are plentiful in many areas including Muskee (Galilee Lake), Bass (Day Lake, East Twin Lake, Lake Three, Mineral Lake, Spillerburg Lake, and Little Clam Lake), and Walleye (Mineral Lake and the Spider/Moquah Chain). In 2003 there were 4,530 fishing permits issued in Ashland County to Wisconsin residents and 1,287 issued to residents of other states.

In 2003 there were 6,152 hunting permits issued in Ashland County to Wisconsin residents and 234 to residents of other states. The majority of these were deer hunting (4,181 gun and archery permits) followed by small game (1,170 permits). The DNR estimates that 5,444 deer were killed in Ashland County in 2003 (4,425 by gun and 1,019 by archery).

## Town of White River Tourism

Being close to the City of Ashland, which has a large population and is a tourism destination itself, the Town of White River will be affected by tourism. The section of Highway 13 which runs through much of the Town of White River has an average daily traffic count of over 2,500 vehicles. Whether these people are heading to attractions further north, or to attractions in White River, they may need places to eat, drink, sleep, and purchase supplies while heading through the Town.

Currently, there is not a substantial local economy that could benefit from the tourists that may be visiting White River. They may use snowmobile trails, visit the rivers, and hike in the forestlands but they probably spend most of their money in the City of Ashland.

When it comes to marketing tourism, communities that do not have websites or any internet presence will lose potential visitors.





# Economic Development Element

*Town of White River*

While it would not be cost effective for a town this size to invest in internet sites, White River should make sure local attractions are being featured on other websites including snowmobile/ATV clubs, chamber of commerce sites, and state and local tourism sites.

## Commuting Patterns

### Commute Type

The 2000 Census indicates that 325 White River residents or 36.4 percent of the population commute to work. Although much of the area is rural there are many State and Federal highways that make traveling and commuting relatively easy. Table 12 shows the means of transportation for employed White River residents.

| Mode of Transportation                | Percentage   |
|---------------------------------------|--------------|
| Car, truck, van – alone               | 64.2%        |
| Carpool                               | 20.1%        |
| Walking                               | 2.4%         |
| Other means                           | 1.4%         |
| Working at home                       | 11.9%        |
| <b>Total Persons Commuting</b>        | <b>325</b>   |
| <b>Percentage of Total Population</b> | <b>36.4%</b> |

*Source: U.S. Census Bureau: 2000, SF3*

The residents of White River have an average commute time of 25.5 minutes, higher than the Ashland County average of 15.8 and the Wisconsin average of 20.8. With little employment in White River, a large percentage of the population is commuting to Ashland or Mellen.

### Ashland County

The table to the right shows which counties, besides Ashland, employ Ashland County residents. Only 14.5 percent of the residents travel to other counties, primarily Price and Bayfield (Tables 12 & 13).



| Destination County | Persons      | Percentage   |
|--------------------|--------------|--------------|
| Ashland Co.        | 6,559        | 85.5 %       |
| Price Co. WI       | 519          | 6.8 %        |
| Bayfield Co. WI    | 301          | 3.9 %        |
| Douglas Co. WI     | 46           | .6 %         |
| Sawyer Co. WI      | 37           | .5 %         |
| St. Louis Co. MN   | 29           | .4 %         |
| Iron Co. WI        | 20           | .3 %         |
| Wood Co. WI        | 19           | .2 %         |
| Gogebic Co. MI     | 19           | .2 %         |
| Taylor Co. WI      | 16           | .2 %         |
| Dane Co. WI        | 14           | .2 %         |
| Fond du Lac Co. WI | 10           | .1 %         |
| St. Croix Co. WI   | 10           | .1 %         |
| Elsewhere          | 75           | 1.0 %        |
| <b>Grand Total</b> | <b>7,674</b> | <b>100 %</b> |

*Source: U.S. Census 2000*



# Economic Development Element

Town of White River

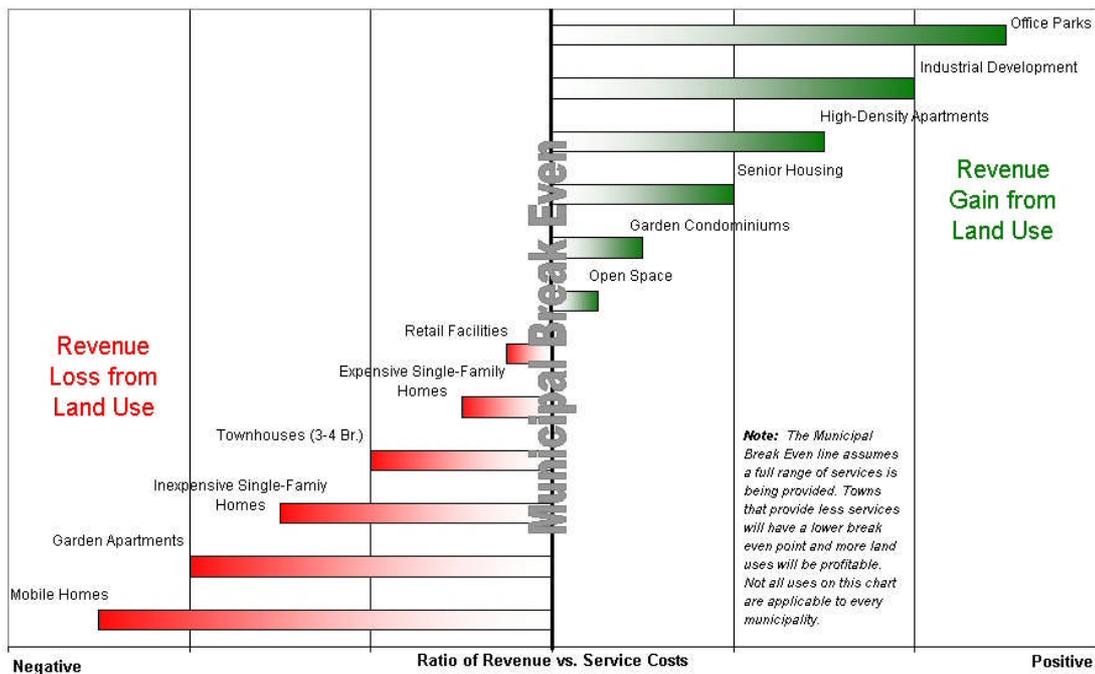
## Land Values and Tax Base

Local property taxes are paid by all non-exempt property owners on the basis of the value of property – land, improvements and personal property. These taxes are used to fund the operations of local government – providing for public safety, schools, maintaining streets, and funding programs that improve the quality of life for residents. There are three primary classes of property – residential, commercial and manufacturing. Although each class of property pays taxes at the same rate, they all have different values and impose differing costs on the local government. Residential property clearly imposes the greatest costs per unit – it typically accounts for 75% of all property in a community, it is typically the most dispersed land use and therefore the costliest to serve with infrastructure, and residents demand higher levels of services – particularly public safety and education. Many cost-of-service studies indicate that residential development does not generate sufficient revenue from property taxes and fees to pay for the costs it imposes on local government.

The following graphic shows the “Fiscal Hierarchy of Land Uses” when it comes to maximizing the revenue from every dollar paid in government services. The municipal break-even line is different for every community and the line in the graphic represents the approximate point for a *full-service* municipality (Exhibit 4). Most of the municipalities in Ashland County provide a limited range of services and would have a lower break-even point.

Exhibit 4

The Fiscal Hierarchy of Land Uses





# Economic Development Element

*Town of White River*

## Property Taxes

The Wisconsin Department of Revenue maintains a database of assessed property values for every taxing jurisdiction in the state. The table below shows how the different municipalities in Ashland County compare in total assessed value, per-capita assessed value, and how the municipality's total value is distributed across types of use. The "total value" column is the assessed value of all land and improvements in each jurisdiction. The "per capita value" is the total value divided by the population. All things being equal, towns with higher per-capita assessed values are capable of providing higher levels of service to each resident (Table 14).

| Table 14: Property Values and Distribution Across Land Uses – Ashland County |               |                  |  |             |        |            |         |       |
|--|---------------|------------------|--|-------------|--------|------------|---------|-------|
| Category   | Total Value   | Per Capita Value | Land Use Percentages (land and improvements) |             |        |            |         |       |
|  |               |                  | Residential                                  | Agriculture | Manuf. | Commercial | Forests | Other |
| Agenda Twp   | \$37,709,000  | \$73,507         | 44.6%  | 0.6%        | 0.0%   | 0.5%       | 49.6%   | 4.7%  |
| Ashland City   | \$321,647,200 | \$37,314         | 63.3%  | 0.0%        | 4.3%   | 26.9%      | 0.4%    | 5.1%  |
| Ashland Twp  | \$26,652,500  | \$44,200         | 44.9%  | 1.9%        | 0.3%   | 2.4%       | 44.0%   | 6.5%  |
| Butternut Village  | \$9,780,800   | \$24,031         | 67.3%  | 0.1%        | 3.2%   | 22.4%      | 2.9%    | 4.1%  |
| Chippewa Twp   | \$40,505,900  | \$93,547         | 43.8%  | 0.7%        | 0.0%   | 1.3%       | 47.6%   | 6.5%  |
| Gingles Twp  | \$32,132,900  | \$50,208         | 65.3%  | 0.5%        | 0.3%   | 5.9%       | 20.9%   | 7.0%  |
| Gordon Twp   | \$36,598,800  | \$102,518        | 74.0%  | 0.0%        | 0.0%   | 4.7%       | 20.2%   | 1.0%  |
| Jacobs Twp   | \$34,009,700  | \$40,730         | 52.5%  | 0.1%        | 3.1%   | 4.9%       | 36.7%   | 2.7%  |
| La Pointe Twp  | \$207,806,600 | \$844,742        | 92.5%  | 0.0%        | 0.0%   | 4.6%       | 1.6%    | 1.3%  |
| Marengo Twp  | \$16,208,400  | \$44,775         | 50.1%  | 3.1%        | 0.0%   | 0.1%       | 39.0%   | 7.7%  |
| Mellen City  | \$19,832,600  | \$23,471         | 61.0%  | 0.0%        | 16.3%  | 16.5%      | 0.3%    | 5.9%  |
| Morse Twp  | \$35,757,700  | \$69,432         | 52.4%  | 0.4%        | 0.0%   | 2.1%       | 40.6%   | 4.5%  |
| Peeksville Twp   | \$16,324,600  | \$92,753         | 28.4%  | 0.7%        | 0.0%   | 0.7%       | 63.6%   | 6.6%  |
| Sanborn Twp  | \$23,607,000  | \$18,559         | 39.4%  | 0.0%        | 0.0%   | 2.6%       | 56.3%   | 1.7%  |
| Shanagolden Twp  | \$16,635,800  | \$110,905        | 42.6%  | 0.3%        | 0.0%   | 2.2%       | 51.0%   | 4.0%  |
| White River Twp  | \$32,859,100  | \$36,838         | 50.2%  | 3.4%        | 0.3%   | 3.8%       | 31.6%   | 10.7% |
| Ashland County   | \$908,068,600 | \$53,840         | 65.1%  | 0.4%        | 2.1%   | 12.3%      | 15.9%   | 4.3%  |
| State Averages   | \$325,578     | \$74,946         | 71.9%  | 0.9%        | 3.4%   | 18.2%      | 2.7%    | 3.1%  |

Source: Wisconsin Department of Revenue, Database of Assessed Values, 2002



# Economic Development Element

*Town of White River*

The vast majority of the land value in the state of Wisconsin comes from residential and commercial uses. Municipalities in Ashland County are special cases because they are largely undeveloped and have considerable forestlands. The total value of non-exempt forestland accounts for almost 16 percent of the total land value in Ashland County with some municipalities having over 50 percent of their value in forests. While this land generates revenue and costs very little in services, it will never generate the kind of revenue that comes from commercial or manufacturing property.

## **Town of White River**

The Town of White River has a low per-capita assessed value compared to many municipalities in Ashland County due to its relatively high population and large amount of expensive residential and forest land. The Town contains over 28 thousand acres assessed on average at \$1,164 dollars per acre for a total of \$32.8 million dollars in taxable land. This equates to \$36,838 of value for each of the 892 residents in White River. This value is much lower than the County average of \$53,840 and the State average of \$74,946.



# Economic Development Element

*Town of White River*

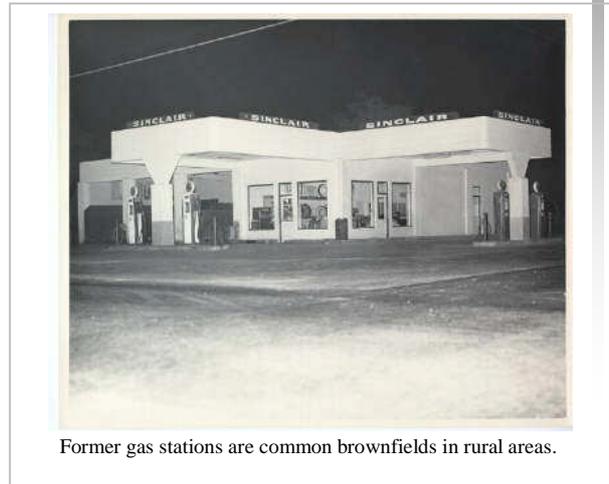
## Environmentally Contaminated Sites

“Brownfields are abandoned, idle or underused industrial or commercial facilities, the expansion or redevelopment of which is adversely affected by actual or perceived environmental contamination.”

– Wisconsin Department of Natural Resources

### ▪ Background

When economic development is hampered by costs associated with removing remnants of prior uses, including demolishing buildings and cleaning up environmental contamination, this property can be identified as a “brownfield.” Just the suspicion of contamination may be enough to stop development. Identifying properties where this dynamic is present and removing the obstacles to development should be a top priority of local municipalities.



Former gas stations are common brownfields in rural areas.

### ▪ What Can Municipalities Do?

The first step is to identify the brownfield properties in the jurisdiction. There is no comprehensive database for this and every case is different. The municipality may have to ask local developers what properties they would consider if the parcel was free of all contamination, buildings, and other remnants of former uses.

Once a brownfield is identified, the first step is often conducting Phase I and Phase II environmental assessments. This relatively inexpensive option may be enough to allay the fears of developers about the presence of environmental contamination. In other cases, it may be in the best interest of the municipality to have dilapidated structures removed and environmental contaminants cleaned up. Grants are frequently offered by the Wisconsin Department of Natural Resources (DNR) to pay for assessments, building demolition, and environmental clean-up.

### ▪ Town of White River

At this time, no brownfield sites have been identified in the Town of White River. There is an old Township dump but the DNR is aware of it and it has been sealed. A search of the DNR’s reported spills and contaminated land databases did not return any significant results. Local officials identified brownfield sites, including a large number of gravel pits and a closed dump.



# Economic Development Element

*Town of White River*

## Regional, State, and Federal Economic Development Programs

Following is an inventory of regional, state, and national resources available to the town and/or businesses for economic development projects and programs.

### Regional Programs

**Northwest Wisconsin Business Development Fund**, Northwest Business Development Corporation. Purpose: to promote private sector investment in long-lived assets and to create jobs by addressing capital gains in the market for long-term debt. Program provides low-interest, fixed-rate subordinated debt for up to 40 percent of a project. Eligible industries primarily timber and wood, manufacturing, and tourism in Northern Wisconsin. Projects must create one job for every \$5,000 loaned. Eligible counties include Ashland, Bayfield, Burnett, Douglas, Iron, Price, Rusk, Sawyer, Taylor, and Washburn. Contact Info: Northwest Business Development Corporation, Mr. Bruce T. Davis, Executive Director, 715-635-2197.

**Intermediary Relending Program**, Northwest Business Development Corporation. Purpose: to promote private sector investment in long-lived assets and to create jobs by addressing capital gains in the market for long-term debt. Program provides fixed rate loans for up to 50 percent of total project, not to exceed \$150,000. Eligible industries include business (excluding tourism). Projects must create one job for every \$15,000 loaned. Eligible counties include Ashland, Bayfield, Burnett, Douglas, Iron, Price, Rusk, Sawyer, Taylor, and Washburn. Contact Info: Northwest Business Development Corporation, Mr. Bruce T. Davis, Executive Director, 715-635-2197.

**Economic Development Loan Program**, Northern States Power Company. Purpose: to stimulate private investment and foster economic diversification within NSPW's service territory. Program provides up to 50 percent of an eligible project cost financed by debt, up to a maximum of \$50,000; or by loan guarantee up to maximum of \$200,000. Only businesses relocating to NSPW's territory from another territory are eligible. Contact Info: Northern States Power Company, Economic Development Department. Eau Claire, WI 715-839-2570.

**Ashland County Revolving Loan Fund Program**, Ashland County. Purpose: to develop and retain a positive business climate. The program is designed to partially address the gap in private capital markets for long-term, fixed-rate financing. To be eligible, companies must be located in Ashland County and produce a minimum of one job per \$20,000 in financing. Contact info: Ashland Area Development Corporation, Frank R. Kempf, Executive Director. Ashland, WI (715) 682-8344.



# Economic Development Element

*Town of White River*

## State of Wisconsin Programs

The Department of Commerce has a broad range of technical and financial assistance programs designed to assist businesses to successfully launch or expand operations. Services and programs include business planning, site selection, working capital, permitting, employee training and research and development. Although not comprehensive, the list below outlines available resources and programs. A complete list can be found at [www.commerce.state.wi.us](http://www.commerce.state.wi.us).

- ◆ ***Industrial Revenue Bonds*** - the Industrial Revenue Bond (IRB) program allows cities, villages and towns to support industrial development through the sale of tax-exempt bonds. The proceeds from the bond sale are loaned to businesses to finance capital investment projects at, primarily, manufacturing facilities. Even though IRBs are municipal bonds, they are not general obligations of the municipality. The company or business that will use the facilities provides the interest and principal payments on the loan. The local government is in partnership with the business, lending its name, but not its credit, to the bond issue.
- ◆ The ***Brownfields Initiative*** provides grants to persons, businesses, local development organizations, and municipalities for environmental remediation activities for brownfield sites where the owner is unknown, cannot be located or cannot meet the cleanup costs. Contact Jason Scott, 608/261-7714.
- ◆ The ***Customized Labor Training (CLT) program*** assists companies investing in new technologies or manufacturing processes by providing a grant up to 50 percent of the cost of training employees on the new technologies.
- ◆ The ***Community Development Block Grant (CDBG)-Economic Development Program*** provides grants to communities to loan to businesses for start-up, retention, and expansion projects based on the number of jobs created or retained. Communities can create revolving loan funds from the loan repayments. Eligible project costs include construction and expansion, working capital and acquisition of existing businesses, land, buildings and equipment.
- ◆ The ***Community-Based Economic Development Program*** is designed to promote local business development in economically-distressed areas. The program awards grants to community-based organizations for development and business assistance projects and to municipalities for economic development planning. The program helps community-based organizations plan, build, and create business and technology-based incubators, and can also capitalize an incubator tenant revolving-loan program. Contact Doug Thurlow, 608/266-7942. Fax Form 954\*
- ◆ The ***Rural Economic Development Program*** is designed to provide working capital or fixed asset financing for businesses. Since its inception in 1990, the RED program has provided more than \$1.4 million to over 110 Wisconsin businesses. Eligible businesses must be locating in a city, village, or town of less than 6,000 people. Contact info: Department of Commerce Regional Manager Marty Ambros, (715) 836-2630.



# Economic Development Element

*Town of White River*

Also under the umbrella of the Wisconsin Department of Commerce is *Forward Wisconsin*, a statewide public-private marketing and business recruitment organization. Its role is marketing outside Wisconsin to bring new businesses, jobs and increased economic activity to the state.

## Wisconsin Department of Transportation (WisDOT)

- ◆ The *Freight Railroad Infrastructure Improvement Program* awards loans to businesses or communities to rehabilitate rail lines, advance economic development, connect an industry to the national railroad system, or to make improvements to enhance transportation efficiency, safety, and intermodal freight movement.
- ◆ The *Transportation Economic Assistance (TEA) Program* provides matching grants to governing bodies, private businesses for road, rail, harbor and airport projects that help attract employers to Wisconsin, or encourage business and industry to remain and expand in the state.
- ◆ The *Transportation Enhancements (TE) Program* promotes activities that enhance a transportation project or area served by a transportation project.

The *Wisconsin Housing & Economic Development Authority (WHEDA)* provides financing to investors and local governments to stimulate housing, small business and agribusiness development. Contact info: [www.wheda.com](http://www.wheda.com), (608) 266-7884.

## Federal Programs

CFDA = Catalog of Federal Domestic Assistance

Detailed program descriptions can be found at <http://www.cfda.gov>

*Rural Business Opportunity Grants* CFDA: 10.773, Agency: RBS

Objectives: Grant funds may be used to assist in the economic development of rural areas by providing technical assistance, training, and planning for business and economic development.

*Community Development Block Grants/Entitlement Grants* CFDA: 14.218, Agency: HUD

Objectives: To develop viable urban communities, by providing decent housing and a suitable living environment, and by expanding economic opportunities, principally for persons of low and moderate income.

*Farm Operating Loans* CFDA: 10.406, Agency: FSA

Objectives: To enable operators of not larger than family farms through the extension of credit and supervisory assistance, to make efficient use of their land, labor, and other resources, and to establish and maintain financially viable farming and ranching operations.



# Economic Development Element

*Town of White River*

*Interest Assistance Program* CFDA: 10.437, Agency: FSA

Objectives: To provide a 4 percent subsidy to farmers and ranchers, who do not qualify for standard commercial credit. Guaranteed loans are serviced by a lender who has entered into a Lenders Agreement with the agency.

*Business and Industry Loans* CFDA: 10.768, Agency: RBS

Objectives: To assist public, private, or cooperative organizations (profit or nonprofit), Indian tribes or individuals in rural areas to obtain quality loans for the purpose of improving, developing or financing business, industry, and employment and improving the economic and environmental climate in rural communities including pollution abatement and control.

*Empowerment Zones Program* CFDA: 10.772, Agency: USDA

Objectives: The purpose of this program is to provide for the establishment of empowerment zones and enterprise communities in rural areas to stimulate the creation of new jobs, particularly for the disadvantaged and long-term unemployed, and to promote revitalization of economically distressed areas.

*Community Development Block Grants/Special Purpose Grants/Technical Assistance Program*

CFDA: 14.227, Agency: HUD

*Community Development Block Grants/Brownfield Economic Development Initiative* CFDA: 14.246, Agency: HUD

Objectives: To return brownfields to productive use by assisting public entities eligible under the Section 108-Guaranteed Loan program carry out qualified economic development projects on brownfields authorized by Section 108(a) of the Housing and Community Development Act of 1974, as amended. Grant assistance must enhance the security of loans guaranteed under the Section 108 program or improve the viability of projects financed with loans guaranteed under the Section 108 program.

*Bank Enterprise Award Program* CFDA: 21.021, Agency: TREAS

Objectives: To encourage insured depository institutions to increase their level of community development activities in the form of loans, investments, services and technical assistance within distressed communities and to provide assistance to community development financial institution's through grants, stock purchases, loans, deposits and other forms of financial and technical assistance. The program rewards participating insured depository institutions for increasing their activities in economically distressed communities and investing in community development financial institutions.

*Construction Grants for Wastewater Treatment Works* CFDA: 66.418, Agency: EPA

Objectives: To assist and serve as an incentive in construction of municipal wastewater treatment works which are required to meet State and/or Federal water quality standards and improve the water quality in the waters of the United States.



# Economic Development Element

*Town of White River*

*Brownfield Assessment and Cleanup Cooperative Agreements* CFDA: 66.818, Agency: EPA  
Objectives: To provide funding: (1) to inventory, characterize, assess, and conduct planning and community involvement related to brownfield sites; (2) to capitalize a revolving loan fund (RLF) and provide subgrants to carry out cleanup activities at brownfield sites; and (3) to carry out cleanup activities at brownfield sites that are owned by the grant recipient.

*Farm Ownership Loans* CFDA: 10.407, Agency: FSA  
Objectives: To assist eligible farmers, ranchers, and aquaculture operators, including farming cooperatives, corporations, partnerships, and joint operations to: Become owner-operators of not larger than family farms; make efficient use of the land, labor, and other resources; carry on sound and successful farming operations; and enable farm families to have a reasonable standard of living.

*Rural Community Development Initiative* CFDA: 10.446, Agency: RHS  
Objectives: To develop the capacity and ability of private, nonprofit community-based housing and community development organizations, and low income rural communities to improve housing, community facilities, community and economic development projects in rural areas.

*Rural Economic Development Loans and Grants* CFDA: 10.854, Agency: RBS  
Objectives: To promote rural economic development and job creation projects, including funding for project feasibility studies, start-up costs, incubator projects, and other reasonable expenses for the purpose of fostering rural development.

*Procurement Assistance to Small Businesses* CFDA: 59.009, Agency: SBA  
Objectives: To assist small business in obtaining a "fair" share of contracts and subcontracts for Federal government supplies and services and a "fair" share of property sold by the government.

*Small Business Loans* CFDA: 59.012, Agency: SBA  
Objectives: To provide guaranteed loans to small businesses which are unable to obtain financing in the private credit marketplace, but can demonstrate an ability to repay loans granted.

*Service Corps of Retired Executives Association* CFDA: 59.026, Agency: SBA  
To use the management experience of retired and active business management professionals to counsel and train potential and existing small business owners.

*Small Business Development Center* CFDA: 59.037, Agency: SBA  
Objectives: To provide management counseling, training, and technical assistance to the small business community through Small Business Development Centers (SBDCs).

*Certified Development Company Loans* (504 Loans) CFDA: 59.041, Agency: SBA  
Objectives: To assist small business concerns by providing long-term, fixed-rate financing for fixed assets through the sale of debentures to private investors.



# Economic Development Element

*Town of White River*

*Farm Storage Facility Loans* CFDA: 10.056, Agency: FSA

Objectives: To encourage the construction of on farm grain storage capacity and to help farmers adapt to identity preserved storage and handling requirements for genetically enhanced production.



# Intergovernmental Cooperation

*Town of White River*

## Introduction

Given the number and range of public and quasi-public entities that can affect the daily lives of Town residents, intergovernmental cooperation is a very important consideration in this plan.

Cooperation can take many forms (Exhibit 1). Relationships may be informal, based on verbal agreements or other informal arrangements. Or, cooperation may be more formal as expressed in a legally binding agreement. Most intergovernmental cooperation is done for the purpose of delivering services or exercising joint powers. Some cooperation is undertaken to receive services or make cooperative purchases.

Intergovernmental relations can be described as vertical or horizontal. Vertical relationships are those linking a municipality to governments of broader jurisdiction. For example, the relationship between a local unit of government to the state and the federal government is vertical. Actions of one, often have a direct bearing on the others. For the most part, this relationship occurs in a top down fashion. For example, when the state adopts a statewide policy plan, it in essence directs future activities with counties, villages, cities, and towns. As discussed in the Transportation Element of this plan, the Wisconsin Department of Transportation has adopted a number of statewide policy plans that directly affect transportation activities within the jurisdictions of local units of government. It is therefore imperative that when such policies are considered, local units of government, individually or cooperatively, work with the appropriate state bodies to develop a mutually beneficial relationship.

“Intergovernmental cooperation is any arrangement by which two or more governmental entities work together to address an issue of mutual interest.”

**Exhibit 1. Examples of Intergovernmental Cooperation**

|  |                              |
|--|------------------------------|
| ◆ Transfer of territory (annexation, detachment)           | ◆ Joint ventures             |
| ◆ Sharing information, staff, resources, etc.              | ◆ Revenue sharing            |
| ◆ Communication  | ◆ Boundary agreements        |
| ◆ Consolidating services / trading services                | ◆ Areawide service agreement |
| ◆ Areawide planning  | ◆ Joint use of a facility    |
| ◆ Special purpose districts serving multiple jurisdictions | ◆ Cooperative purchasing     |

Horizontal relationships describe the Town’s connection to adjacent communities. Together, these relationships cut across each of the nine functional elements of this plan.

Over the years, and most recently with the Kettl Commission report, there has been a statewide push for consolidating governmental services at the local level. The Commission on State-Local Partnerships (Kettl Commission) calls for the creation of “growth-sharing areas: within which local units of government would collaborate to serve the needs of their citizens. The report recommends that local governments adopt “Area Cooperation



# Intergovernmental Cooperation

Town of White River

Compacts” with at least two other governments in at least two functional areas including: law enforcement, housing, emergency services, fire, solid waste, recycling, public health, animal control, transportation, mass transit, land-use planning, boundary agreements, libraries, parks, recreation, culture, purchasing or e-government. The Commission also advocates for the reform of state aids to municipalities. The Town shares fire protection services with the Town of Morengo and provides mutual aid to all of the surrounding Towns and DNR in fire protection. The Town also provides emergency aid at accidents in the Town of White River and the Town of Morengo.

## Governmental Structure

### Organizational Structure of the Town

The Town operates through a Board/Supervisor form of government. The Town Board consists of two Supervisors and a Chair.

The Board of Supervisors is elected at-large and is responsible for setting policies. The Town Board Chair, also elected at-large, presides at Town Board meetings, and votes on all matters before the board. Generally, the Town Chair is assigned certain administrative responsibilities but does not carry veto power.

### Area Local Units of Government

#### County Government

The Town is located in Ashland County. The County was created in 1860. The Board of Supervisors consists of 21 supervisors each representing a geographic area. Town residents are located in supervisory district 15.

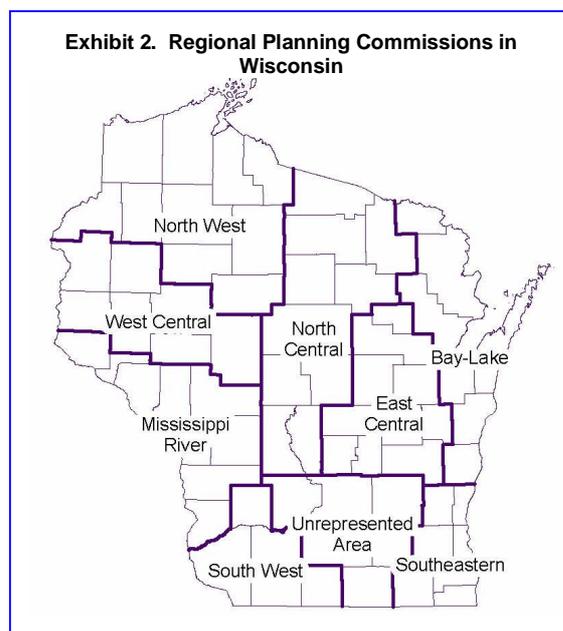
#### Surrounding Communities

Nearby communities in Ashland County are the towns of Gingles, Sanborn, Ashland, Marengo, and the city of Ashland. The Town also borders the town of Kelly and the town of Lincoln in Bayfield County.

## Regional Governmental Bodies

### Regional Planning Commission

There are eight regional planning commissions within Wisconsin created pursuant to §66.0309, Wis. Stats. (Exhibit 2). The governor with consent of local governing bodies creates them. RPCs are formed to provide a wide range of services to





# Intergovernmental Cooperation

*Town of White River*

local units of government within its geographic boundary. As part of these services, The RPC can offer planning assistance on regional issues, assist local interests in responding to state and federal programs, provide advisory service on regional planning problems, act as a coordinating agency for programs and activities, and provide cost shared planning and development assistance to local governments. A six-county area in the southern part of the state is not served by a RPC (Columbia, Dane, Dodge, Jefferson, Rock and Sauk counties).

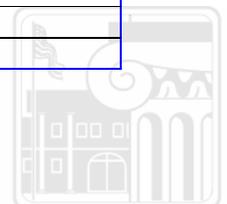
The Town is located within the Northwest Regional Planning Commission (NWRPC). NWRPC was created in 1959 by local units of government of northwest Wisconsin. It is the oldest planning commission in Wisconsin and one of the first multi-county planning commissions in the nation. The Commission is a cooperative venture of Ashland, Bayfield, Burnett, Douglas, Iron, Price, Rusk, Sawyer, Taylor, and Washburn Counties and the tribal units of Bad River, Red Cliff, Lac du Flambeau, Lac Courte Oreilles, and St. Croix.

NWRPC has created three affiliated corporations. Northwest Wisconsin Business Development Corporation was created in 1984 to manage NWRPC's loan funds. Northwest Affordable Housing Inc. was established in 1996 to coordinate the creation of affordable housing. Wisconsin Business Innovation Corporation (WBIC), created in 1996, encourages development of technology-based companies in rural Wisconsin. Badger Oil Company, a subsidiary of WBIC, was created in June 1999.

## Special Purpose Districts

Special purpose districts are local units of government that are created to provide a specified public service. Like municipalities, special purpose districts derive their authority from state statutes. They have geographic boundaries that may or may not coincide with those of counties, villages, cities, or towns. Once a special district is created, it becomes an autonomous body often with its own taxing authority. In a few instances, state statutes create unique districts (e.g., professional team districts) but typically authorize counties, towns, cities, and villages to create special districts according to the requirements contained in the statutes. Exhibit 3 provides a sample of non-educational special purpose districts authorized by state statute. Local school districts and the vocational educational districts in the state are also considered special districts because they have been created to provide a single service – education.

| Exhibit 3. Sample of Non-educational Special Purpose Districts in Wisconsin |                             |
|---|-----------------------------|
| Type of District  | State Authorization         |
| Metropolitan sewerage district  | Chapter 200                 |
| Town sanitary district  | Subchapter IX, Chapter 60   |
| Drainage district   | Chapter 88                  |
| Public inland lake protection and   | Chapter 33                  |
| Local exposition districts  | Subchapter II, Chapter 229  |
| Local professional baseball park district                                   | Subchapter III, Chapter 229 |
| Local professional football stadium district                                | Subchapter IV, Chapter 229  |
| Local cultural arts district  | Subchapter V, Chapter 229   |
| Architectural conservancy district  | §66.1007                    |



# Intergovernmental Cooperation

Town of White River

## School District

The Town is located in the Ashland School District. It is governed by a board of nine members. The school district's offices are located at 502 West Main Street in the City of Ashland. The Town has a good working relationship with the school district.

## Technical College District

In Wisconsin there are 16 technical college districts. The Town is located in the Wisconsin Indianhead Technical College District (Exhibit 4). The district includes 11 counties. Its campuses are located in Ashland, New Richmond, Rice Lake, and Superior. A nine-member board governs the district.



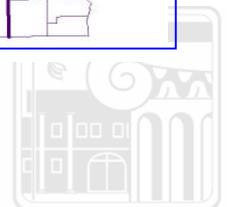
## State Agencies

By virtue of their roles, there are a number of state agencies that are integral partners in Town policies, programs, and projects.

## Department of Natural Resources (DNR)

The DNR has a wide range of statewide responsibilities for environmental quality, state parks, and recreation. It is governed by the Natural Resources Board, which has legal authority to set agency policy, recommend regulations for legislative approval, approve property purchases and accept donations. Together with the DNR staff, the board works to establish policies and programs, administer state laws and rules, distribute grants and loans, and work with many government and non-government entities. Most of the DNR workforce is assigned to field offices in five regions (Exhibit 5). Their work is further subdivided into 23 geographic management units (GMU) whose boundaries roughly match the state's natural river basins and large waterways.

DNR staff are responsible for defining the area's natural ecology and identifying threats to natural resources and the environment. The DNR is composed of a broad range of expertise, and staff efforts are often combined with local government and private efforts to manage public resources. The Town is located in the Northern Region,



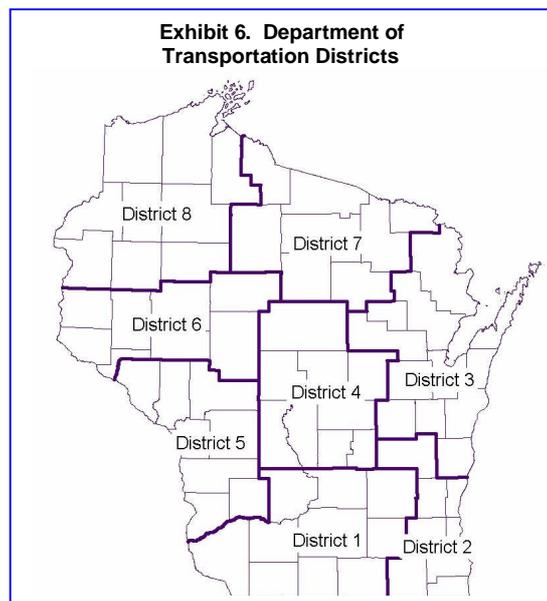
# Intergovernmental Cooperation

*Town of White River*

which serves the following counties: Ashland, Barron, Bayfield, Burnett, Douglas, Florence, Forest, Iron, Langlade, Lincoln, Onieda, Polk, Price, Rusk, Sawyer, Taylor, Vilas, and Washburn. Local DNR service centers are found in the following communities: Antigo, Ashland, Hayward, Ladysmith, Park Falls, Rhinelander, Spooner, Superior, and Woodruff.

## **Department of Transportation**

The Wisconsin Department of Transportation (WisDOT) is divided into eight districts for administrative and programmatic purposes. The Town is located in District 8. This district includes the following counties: Ashland, Barron, Bayfield, Burnette, Douglas, Polk, Rusk, Sawyer, and Washburn (Exhibit 6). The district office is located in Superior.



## **Department of Commerce**

The Department of Commerce is another state agency with regulatory responsibility. The Safety and Buildings Division administers and enforces state laws and rules relating to building construction and safety and health. Plan review and site inspection is part of the division's role in protecting the health and welfare of people in constructed environments.

## **Department of Agriculture, Trade and Consumer Protection**

The Department of Agriculture, Trade and Consumer Protection (DATCP) has regulatory duties concerning the Farmland Preservation Program and certain agricultural practices.

## **Department of Revenue (DOR)**

The Department of Revenue is responsible for a number of functions relating to local governments. The DOR oversees the shared revenue program, and other programs that distribute tax revenue to municipalities (e.g., lottery tax credits). The DOR also oversees and approves municipal Tax Increment Financing Districts.

## **Department of Administration**

The Department of Administration (DOA) fulfills a number of functions. Some of those functions related to land use planning include reviewing incorporations, cooperative boundary plans, and all annexation requests occurring in counties with a population of 50,000 or more. Additionally, the Division of Intergovernmental Relations (DIR) within DOA provides information and resources to enhance and facilitate local planning. DIR also



# Intergovernmental Cooperation

*Town of White River*

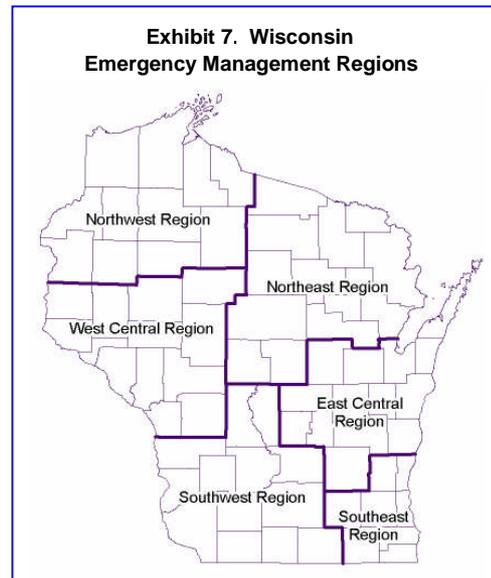
provides technical assistance and advice to state agencies and local governments with land information responsibilities, among other things. DIR will review this comprehensive plan to ensure consistency with the State's 'Smart Growth' legislation.

Along with regulating local activities, all of these state agencies provide information, education and training. They also maintain funding programs to help local governments with development efforts and provide a basic level of health and safety.

## Wisconsin Emergency Management

Wisconsin Emergency Management (WEM) is charged with a wide range of responsibilities for disaster mitigation, planning, response, and education. It administers a number of grants to local communities and is responsible for preparing and administering several statewide policy plans. Most recently, it completed a statewide hazard mitigation plan for natural and technological hazards in conformance with the Disaster Mitigation Plan of 2000.

Regional directors are located in each of the six regional offices throughout the state (Exhibit 7). They work directly with municipal and county programs in planning, training exercising, response and recovery activities, as well as the coordination of administrative activities between the Division and local governments. When disasters and emergencies strike, they are the Division's initial responders and serve as field liaisons with the state. The office of the Northwest Region is located in Spooner.



## Federal

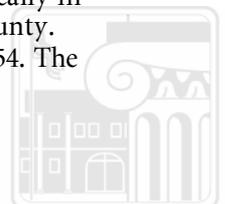
### U.S. Fish and Wildlife Service

The U.S. Fish and Wildlife Service works with Ashland County, local governments, and WDNR on many programs related to natural resources.

## Tribal Governments

### Bad River Band of Lake Superior Tribe of Chippewa Indians

The Bad River Reservation is located in parts of Ashland and Iron Counties, specifically in the Towns of Ashland, Gingles, LaPointe, Sanborn, and White River in Ashland County. The Bad River Reservation was established through the Treaty of September 30, 1854. The





# Intergovernmental Cooperation

*Town of White River*

Band is a federally recognized Indian Tribe organized under Section 16 of the Indian Reorganization Act of 1934, 25 U.S.C., Subsection 476. The Band is organized as a tribe for the common welfare of the membership, to conserve and make use of our natural resources, and to enjoy the rights of home rule, which are enumerated in the Tribal Constitution as amended.

Land within the reservation boundaries currently includes both tribal land, and land that is privately owned by non-Band members. Much of the reservation land was originally allotted to individual Band members in 80-acre tracts, and subsequently some of those tracts were sold or transferred into private ownership by non-Band members. The pattern of land ownership is highly fragmented, with approximately 47 percent of the land within the reservation boundaries in private ownership. This fragmented pattern of ownership requires that the Towns and Bad River Band interact and cooperate on certain matters including the provision of some services (roads, fire protection), and resource management efforts.

## Interstate Agencies

As allowed by the state's constitution, Wisconsin is party to a number of interstate organizations and compacts. One multi-state agency will be described here.

The **Great Lakes Commission** is a binational organization focused on land and water resource protection and use surrounding the Great Lakes. It was established in 1955 by joint legislative action between the great lakes states. It is composed of eight member states, and two Canadian provinces that border the Great Lakes. The Commission provides information on public policy issues that affect the land and water resources in the region, and provides a forum for coordinating public policy between the member states and provinces.

## Nongovernmental Organizations

In addition to governmental organizations there are other types of organizations that can affect the daily lives of Town residents. These may include a chamber of commerce, non-profit organizations, and similar organizations that are actively working to promote the quality of life in the area. It is imperative that governmental and nongovernmental organizations work together for the good of all residents. The following section briefly describes some of these organizations and how they are organized and their purpose.

### Forward Wisconsin

Forward Wisconsin, Inc., is a public-private statewide marketing and business recruitment organization. It was created in 1984 as a not-for-profit corporation. Its job is marketing outside Wisconsin to attract new businesses, jobs and increased economic activity to the state. It is governed by a board of directors that reflects that public-private partnership. Governor Jim Doyle is chairman of the board. Private sector representation includes Wisconsin's utilities, banks, educational institutions, investment firms, law firms, and



# Intergovernmental Cooperation

*Town of White River*

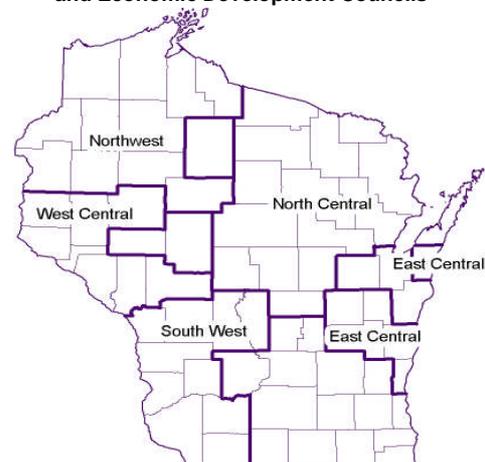
manufacturers. Public sector representation includes four state legislators and the Secretary of the Department of Commerce. Funding for Forward Wisconsin comes from private-sector contributors and from the state through a contract with the Wisconsin Department of Commerce. Forward Wisconsin is headquartered in Madison and has offices in Eau Claire, Milwaukee, and Chicago.

## International Trade, Business and Economic Development Councils

Since 1992, five regional International Trade, Business and Economic Development Councils (ITBECs) have been created in Wisconsin to expand economic development in the state by promoting tourism from foreign lands and the exporting of Wisconsin products to other countries. ITBECs are a public-private partnership between business leaders, county elected officials, and tribal representatives. What began as 11 counties in the northwest part of the state now includes 54 counties.

The Town is located in the Northwest ITBEC (Exhibit 8). The Northwest ITBEC was the first ITBEC created in Wisconsin. Since its inception in 1992, it has grown to include Douglas, Bayfield, Ashland, Iron, Price, Sawyer, Washburn, Burnett, Polk, Barron, Rusk, and Taylor counties.

**Exhibit 8. International Trade, Business and Economic Development Councils**



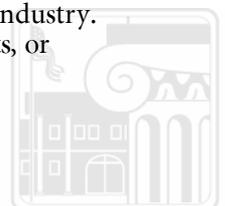
## Resource Conservation and Development Councils

Resource Conservation and Development Councils (RC&Ds) are private, non-profit organizations created pursuant to state enabling legislation to improve the social, economic, and environmental opportunities of the area. Nationally, there are more than 200 districts and there are five in Wisconsin (Exhibit 9). The Town is located in the Pri-Ru-Ta RC&D.

“RC&Ds provide an areawide framework for addressing locally-defined issues with assistance of state and federal agencies and other partners.”

Working through its RC&D council, local citizens provide leadership and work together to set program priorities. Each RC&D district establishes an area plan (also known as a resource conservation and utilization plan), which provides direction for the council in making community improvements and conducting activities. A variety of government agencies, organizations, and companies provide assistance in accomplishing program goals.

RC&D councils have broad authority to seek help from a variety of sources including federal or state agencies, local government, community organizations, and private industry. Help may be technical or financial assistance in the form of donations, loans, grants, or cost-sharing programs.



# Intergovernmental Cooperation

Town of White River

Recent activities of the Pri-Ru-Ta Council include the following:

- ◆ *Superior Shores Agricultural Cooperative, Inc. of Ashland-Bayfield Counties* – Developed yogurt cheese with added fruits, dairy-fruit beverages and fluid milk marketing.
- ◆ *Bayfield Lamb Cooperative* – Developed a new generation cooperative to help farmers develop and market value-added lamb meat products.
- ◆ *Forest Stewardship* – Worked with private woodland owners to develop a forest stewardship plan to help them manage their woodlots more profitably.
- ◆ *Native American Youth Natural Resources Field Week* at Lac Courte Oreilles Ojibwe Community College.



## Existing Intergovernmental Cooperation

State statutes set up a number of tools for local units of government to formally cooperate on a number of issues of common concern. Exhibit 10 summarizes these tools and the following sections describe them in more detail and if the Town is currently using them.





# Intergovernmental Cooperation

Town of White River

| Exhibit 10. Types of Intergovernmental Agreements |                              |  |                              |  |
|---|------------------------------|--|------------------------------|--|
|   | General Agreement            | Stipulation & Order  | Revenue Sharing Agreement    | Cooperative Boundary Agreement   |
| State Authorization                               | §66.0301                     | §66.0225   | §66.0305                     | §66.0307   |
| Uses  | services                     | boundaries   | revenue sharing              | boundaries, services, & revenue sharing  |
| Who decides?                                      | participating municipalities | municipalities involved in the lawsuit, the judge, and area residents if they request a referendum | participating municipalities | participating municipalities and Department of Administration, Municipal Boundary Review |
| Referendum?                                       | no                           | binding referendum possible  | advisory referendum possible | advisory referendum possible   |

*Source: Intergovernmental Cooperation, Wisconsin Department of Administration*

### Stipulations and Orders

Section 66.0225, Wis. Stats., allows local units of government to resolve an on-going legal battle over a boundary conflict with a legally binding stipulation and order. The Town is not party to a stipulation and order.

### General Agreements

State statutes (§66.0301) authorizes local units of government to cooperate for the “receipt or furnishing of services or the joint exercise of any power or duty required or authorize by law”. The Town has entered into a general agreement to share its fire and EMS services.

### Municipal Revenue Sharing Agreements

Under §66.0305, Wis. Stats., adjoining local units of government can share taxes and fees with a municipal revenue sharing agreement. This type of agreement can also include provisions for revenue sharing. The Town is not party to any revenue sharing agreement.

### Cooperative Boundary Agreements

Cooperative boundary agreements (§66.0307, Wis. Stats.) can be used to resolve boundary conflicts between villages, cities, and towns and may include revenue sharing or any other





# Intergovernmental Cooperation

*Town of White River*

arrangement. With adoption of a cooperative boundary agreement, the rules of annexation do not apply. The Town is not party to any cooperative boundary agreement.

## **Existing or Potential Areas of Conflict**

The Town enjoys a good working relationship with the surrounding towns. It is imperative that this cooperation continues through the implementation of this plan and those of the surrounding towns. A set of goals and objectives are included in the policy document that describe the ways in which the Town will attempt to avoid and/or minimize conflict with its surrounding neighbors.



## Overview

During the planning process many aspects of land use were analyzed with an eye toward developing a future land use plan. Existing land development patterns are considered along with the existence of any brownfield sites<sup>1</sup>. Local real estate forces are considered and again will be used in fashioning the future land use plan and supporting goals, objectives, and policies. Relationships between the Town, the county, and other nearby jurisdictions also play an important role when determining how land in the Town could be developed in the coming years.

## Existing Land Use

Table 1 provides a summary of land uses in the Town by type. Map 1, Existing Land Use, depicts the current land uses in the Town. A majority of space is taken up by woodlands or open space. The next two largest land uses in the Town are single-family residential, (2.2 percent), and transportation, (3.4 percent). Commercial uses in the Town account for a very small portion of uses in the Town. The residential areas can be found scattered throughout the Town.

| Land Use                                      | Types of uses  | Acres  | Percent Of Total |
|---|--|--------|------------------|
| <b>Residential</b>                            |  |        |                  |
| Single-family                                 | Detached single-family homes   | 628    | 2.2              |
| <b>Commercial</b>                             | Any combination of commercial uses on the same site                              | 38     | 0.1              |
| <b>Governmental services</b>                  | Municipal buildings, libraries, community centers, schools, post offices         | 10     | < 0.1            |
| <b>Institutional services</b>                 | Hospitals, churches, group homes, nursing homes                                  | 9      | < 0.1            |
| <b>Infrastructure</b>                         |  |        |                  |
| Transportation                                | Roads, railroads, airports, parking lots, right-of-way                           | 953    | 3.4              |
| <b>Agriculture, woodlands, and open space</b> | Forested and shrub areas, agricultural land and support buildings and residences | 26,408 | 93.4             |
| <b>Park and recreation</b>                    | Public and private parks, golf courses   | 18     | < 0.1            |
| <b>Quarry</b>                                 |  | 17     | < 0.1            |
| <b>Water</b>                                  |  | 178    | 0.6              |
| <b>Total</b>                                  |  | 28,259 | 100              |

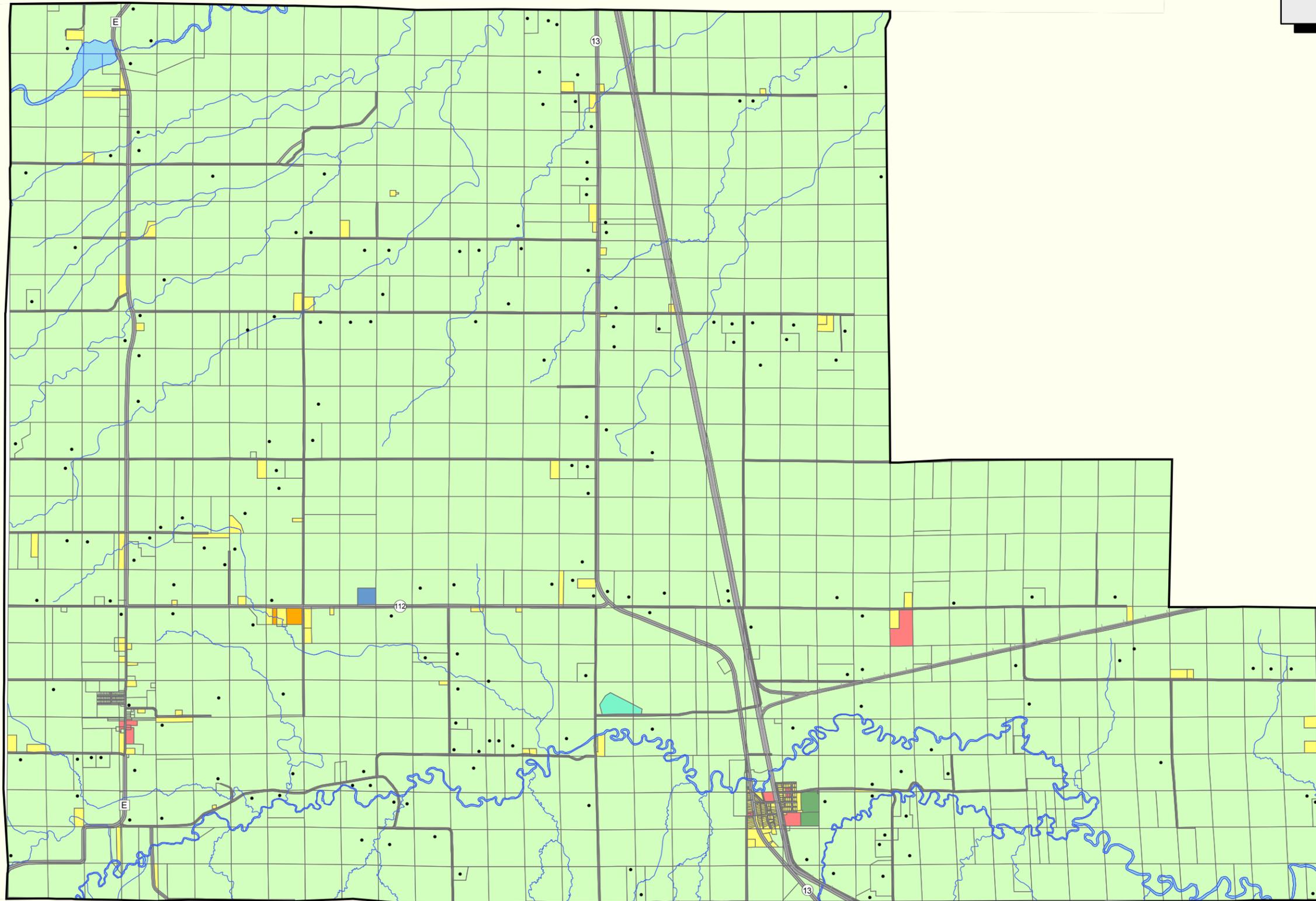
Note: The percents may not total 100, due to rounding  
 This data is based on a windshield survey that was done by the planning committee members or by the consultant.  
 Single family acreage counts are based on parcels or of an average size of 2 acres.

<sup>1</sup> A brownfield is a site consisting of one or more properties that are abandoned or underutilized because of concerns about environmental contamination.



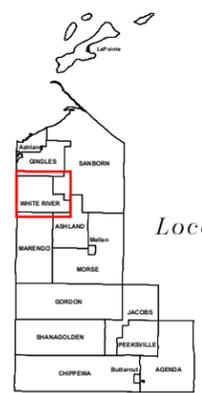
*Existing Land Use  
Town of White River: 2004*

*Ashland County  
Comprehensive Plan Map*

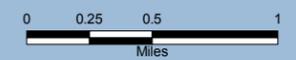


**Legend**

- Residence
- Single-family
- Commercial
- Governmental Services
- Institutional
- Park & Recreation
- Agricultural / Woodlands / Open Space
- Transportation
- Quarry / Pit
- Water



*Locational Map*



Base Map: Ashland County  
Data Source: Town of White River

Map Created: October, 2004  
Map Edited: October, 2004



## Land Supply and Demand

To provide a snapshot of the local real estate trends a local realtor, as well as a realty website were reviewed. Home sale prices are not available for the town but in other places throughout the county there are single-family homes on the market for a wide range of sale prices. Land prices in White River and in other towns throughout the county currently range from \$700 to \$7,000 per acre.

### *Waste Disposal and Contaminated Sites*

Identification of brownfield sites is an important consideration in forming an appropriate land use plan, in fostering economic development, and in ensuring a clean and healthy environment. Cleanup and redevelopment of brownfield sites makes common sense by returning abandoned or under-utilized properties to the tax rolls and to productive use. Redevelopment of brownfield sites also makes optimal use of existing infrastructure.

To identify brownfield sites, the following sources were reviewed:

- ◆ Bureau of Remediation and Redevelopment Tracking System (BBRTS)
- ◆ Registry of Waste Disposal Sites in Wisconsin
- ◆ Superfund Sites
- ◆ Local knowledge

The DNR has not identified any contaminated areas within the Town and community members indicated that there is an old Township dump which has been sealed. More information on this can be found in the Economic Development Element.

### *Opportunities for Redevelopment*

Currently there are no areas in need of redevelopment in the Town.

### *Development Factors*

There are a number of physical conditions that limit or restrict land development within and around the Town. Other physical factors include conditions that favor a particular use (such as agriculture), or environmental features that make construction more difficult (see the *Wetland and Floodplain* and the *Forest and Park Land* maps in the Agricultural, Cultural, and Natural Resources Element). Examples of these are hydric soils, water features, public lands, federal, state, and county lands, federal trust lands, and preservation and conservation lands. Physical features and land ownership do not necessarily prevent development from occurring; they may just pose significant challenges. Land that is delineated as wetland, however, can prohibit development from occurring.



Future growth of the Town of White River is limited to areas that are not in a wetland area. (Land Use Map).

***Land Use Conflicts***

Conflicts often develop over time when certain land uses are located inappropriately, or adequate buffering is not provided between conflicting land uses. Sometimes industrial land uses have characteristics associated with them that can potentially be viewed as a nuisance by surrounding residents including noise, dust, odors, and truck traffic. While the land uses in White River are generally uniform throughout, the Town is not immune to these types of conflicts that may occur in the future.





## Demographics

### Overview

A community can directly and indirectly affect how fast it grows and the type of growth that occurs through the policies it adopts and the actions it takes. A community could capture a disproportionate share of the growth potential within the region by proactively creating opportunities for new development through any number of actions, including infrastructure improvement and creation of incentives, for example. A community could create a public private partnership and use its resources to make a project happen that would not otherwise occur. Likewise, it could slow the natural rate of growth by instituting certain policies to limit new development.

Although a community can affect the rate of growth, it needs to take stock of historical growth patterns and understand its strengths and weaknesses relative to the other locales within the regional market. Obviously, a community needs to be realistic in preparing population forecasts because it affects many parts of the comprehensive plan. If a community uses unrealistic population forecasts, the plan will be flawed (although it can be adjusted by amendment).

### National and Statewide Demographic Trends

Before describing the historical population change in the Town of Shanagolden, it is important to consider the larger picture by briefly looking at national and statewide demographic trends and shifts. As depicted in Exhibit 1, the population of the United States has increased steadily from its founding to the current day. During the last decade (1990-2000), however, the rate of population growth was near record levels. Most of the growth resulted from immigration, not from natural increase through births. Changes in immigration law at the federal level will likely continue to facilitate immigration from other countries, especially from Mexico and countries throughout Latin America.

Because of the significant level of immigration in recent years and other demographic shifts, the population center of the United States is moving south and west, and as a consequence the Midwest and Northeast are losing ground (Exhibit 2).

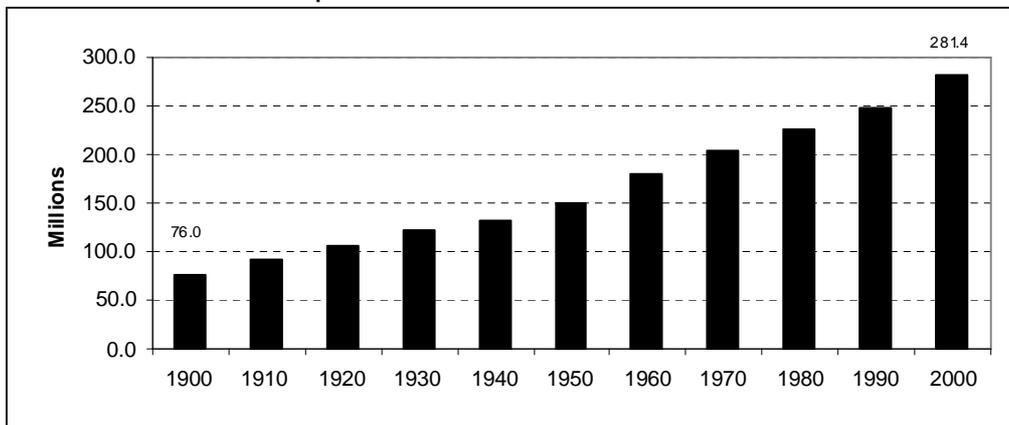
This population shift will have profound implications on Wisconsin's labor force and its economic development potential in the coming years, not to mention political influence at the national level. Some economic development specialists in Wisconsin are predicting a labor shortage in the coming years and see immigration to Wisconsin as one way of addressing this potential impediment to sustained economic activity.



# Demographics

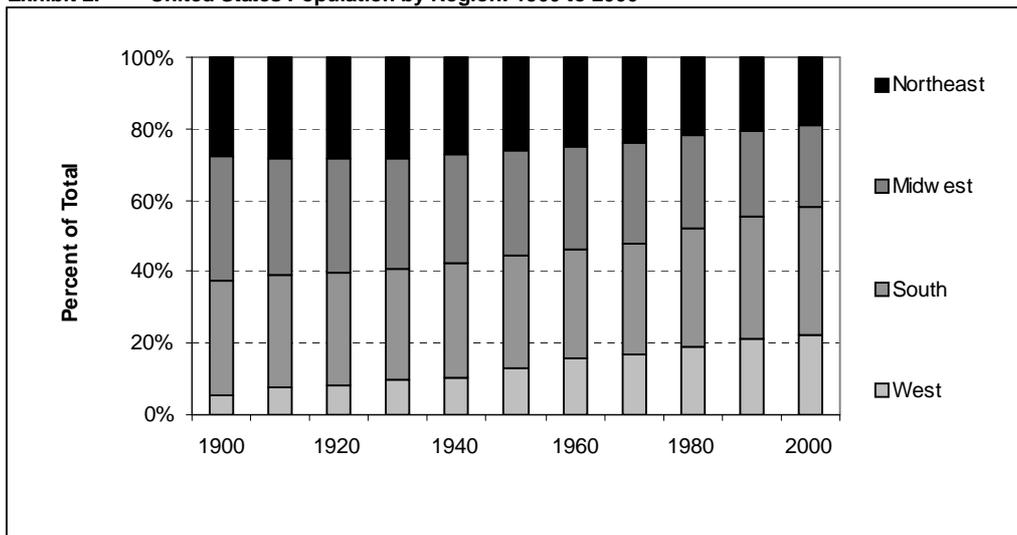
*Town of White River*

**Exhibit 1. United States Population: 1900 to 2000**



Source: Census Bureau

**Exhibit 2. United States Population by Region: 1900 to 2000**



Source: Census Bureau

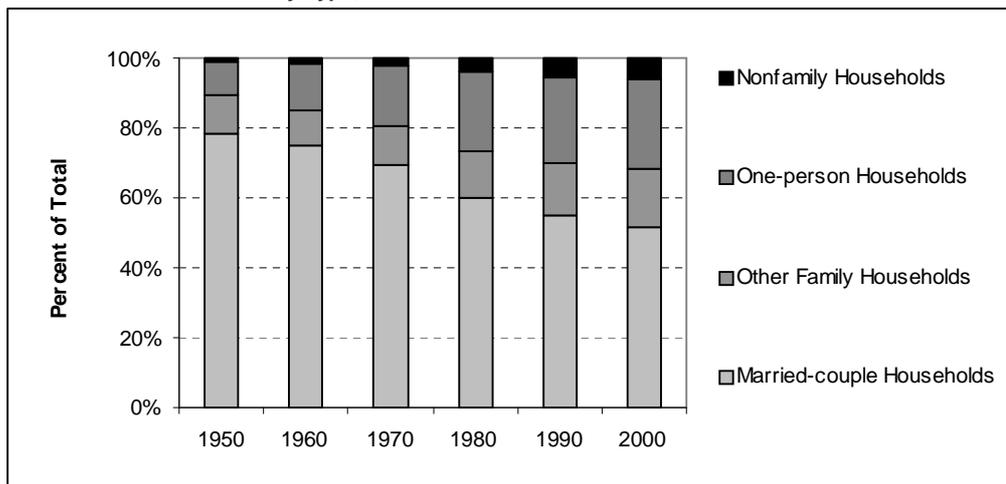
The nature of households is also changing throughout the United States. Although married-couple households are most common, they are losing ground to other living arrangements (Exhibit 3). As the proportion of married-couple households declines, we see a significant growth in one-person households. Although the data presented here is for the entire United States and may not reflect precisely what is happening in the Town of White River, it is a trend that should be considered in fashioning this plan and especially in assessing the types of housing units that may be needed in the coming years in the region.



# Demographics

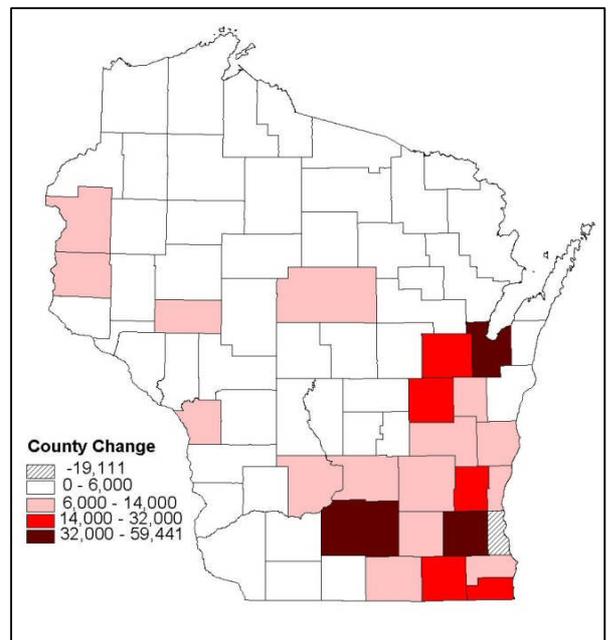
Town of White River

**Exhibit 3. Households by Type; United States: 1950 to 2000**



Source: Census Bureau

**Exhibit 4. Numeric Population Change; Wisconsin: 1990 to 2000**



Source: Census Bureau

At the state level, the population has been increasing, but slower than the national rate, and at a substantially slower rate when compared to many states in the west and south as noted in the previous section. Between 1970 and 2000, nearly one million new residents have been added to the state. The rate of growth between 1990 and 2000, was 9.6 percent, which was twice the rate of growth experienced in the preceding decade.

Most of the state's growth is centered in and around the Madison and Milwaukee metropolitan areas, along the Fox River Valley, and in St. Croix County (Exhibit 4).

### Regional Demographic Trends

Ashland County's population grew approximately 3.4 percent or by about 559 people from 1990 to 2000, much lower than both State and national levels (Table 1). The largest numeric increase within the County was in the Town of Sanborn followed by the Town of Gingles. The Town of White River experienced a numeric increase in population of 121 people during this time period.



# Demographics

Town of White River

In percentage points, the Town of La Pointe experienced the highest growth rate during the 1990 to 2000 period at 67.3 percent, followed by the Town of Gingles (30.1 %). The Towns of Marengo and Sanborn (27.5%), Town of Gordon (18.6%), Town of White River (15.7%), Morse Town (7.1%), Town of Chippewa (6.9%), Town of Ashland (6.3%), Town of Peeksville (5.4%). Declining in population were the Village of Butternut (-2.2%), Town of Jacobs (-5.6%), the City of Mellen (-9.6%), Town of Shanagolden (-12.8%), and the Town of Agenda (-13.2%).

“Ashland County’s population grew approximately 3.4 percent or by about 559 people from 1990 to 2000.”

| Table 1. Population Change 1990 - 2000 |           |           |            |                |
|--|-----------|-----------|------------|----------------|
|  | 1990      | 2000      | Difference | Percent Change |
| State of Wisconsin                     | 4,891,769 | 5,363,675 | 471,906    | 9.6%           |
| Ashland County                         | 16,307    | 16,866    | 559        | 3.4%           |
| Agenda Town                            | 591       | 513       | -78        | -13.2%         |
| Ashland Town                           | 567       | 603       | 36         | 6.3%           |
| Butternut Village                      | 416       | 407       | -9         | -2.2%          |
| Chippewa Town                          | 405       | 433       | 28         | 6.9%           |
| Gingles Town                           | 492       | 640       | 148        | 30.1%          |
| Gordon Town                            | 301       | 357       | 56         | 18.6%          |
| Jacobs Town                            | 885       | 835       | -50        | -5.6%          |
| La Pointe Town                         | 147       | 246       | 99         | 67.3%          |
| Marengo Town                           | 284       | 362       | 78         | 27.5%          |
| Mellen City                            | 935       | 845       | -90        | -9.6%          |
| Morse Town                             | 481       | 515       | 34         | 7.1%           |
| Peeksville Town                        | 167       | 176       | 9          | 5.4%           |
| Sanborn Town                           | 998       | 1,272     | 274        | 27.5%          |
| Shanagolden Town                       | 172       | 150       | -22        | -12.8%         |
| White River Town                       | 771       | 892       | 121        | 15.7%          |
| Bad River Reservation                  | 1,070     | 1,411     | 341        | 31.9%          |

Source: US Census 2000

## Age

The median age in the Town is 26.8, which is significantly younger than the median age of 36.9 in all of Ashland County. About 15 percent of the Town’s population is between the ages of 35 and 44 and approximately 9 percent are between the ages of 45 and 54 (Table 2). This means that by 2020, approximately 24 percent of this population will be retired or approaching retirement.

“ The median age in White River is 26.8, which compares to 36.9 in Ashland County.”



|                   | Number      | Percent |
|-------------------|-------------|---------|
| Under 5 years     | 98          | 11%     |
| 5 to 9            | 107         | 12%     |
| 10 to 14          | 102         | 11.4%   |
| 15 to 19          | 85          | 9.5%    |
| 20 to 24          | 38          | 4.3%    |
| 25 to 34          | 104         | 11.7%   |
| 35 to 44          | 130         | 14.6%   |
| 45 to 54          | 81          | 9.1%    |
| 55 to 59          | 39          | 4.4%    |
| 60 to 64          | 29          | 3.3%    |
| 65 to 74          | 41          | 4.6%    |
| 75 to 84          | 24          | 2.7%    |
| 85 and over       | 14          | 1.6%    |
| <b>MEDIAN AGE</b> | <b>26.8</b> |         |

Source: US Census Bureau. Census 2000 Data Set SF-1

In-migration of new residents and out-migration of existing residents will also be a factor. The guidelines above are general but provide one of several tools to determine the type of housing units needed in the future. The distribution of households over time may create demand for a greater mix of housing types. Older adults tend to move into a variety of housing arrangements when they are no longer interested in or able to maintain larger homes and lots. In addition, lifestyle choices may also warrant a greater mix of housing types. If choices are not available in White River, existing residents may seek housing elsewhere.

Between 1990 and 2000, White River's population increased by 15.7 percent or 121 people. The total number of households increased from 1990 to 2000 by 9.8 percent adding 25 additional households. Overall, population growth occurred at a faster rate than residential growth in White River over the last ten-year period.

### Household Income Levels

The 2000 median household income for the Town of White River was \$38,250. This compares with \$31,628 for Ashland County, and \$43,791 for the State of Wisconsin. This level of income has an impact on the affordability of housing and potential economic growth within the Town.

### Employment and Education Levels

A general overview of local income/employment and educational attainment was undertaken to gain perspective on the local economy and its link to regional growth dynamics. Since the mid-1980s, the State of Wisconsin has realized a growing economy but a shortened supply of labor. In general, labor shortages and competition have led to recruitment outside the State and internationally.



# Demographics

*Town of White River*

Data from the 2000 Census shows that 56 percent of the 892 people in the Town of White River have high school diplomas while some 42 percent have some post-high school education. There are 401 people in the Town's labor force. Countywide 41 percent of the 16,866 people in the County have high school diplomas while some 44 percent have some post high school education. In the entire county there are about 8,504 people in the labor force. The Town does not offer much in the way of employment opportunities, this is the case throughout a majority of the County. Many of White River's residents are employed in production, transportation, and material moving occupations, and the Town has a average level of household income when compared to surrounding areas. More information on employment and education levels is included in the Economic Development Element.



Appendix 10-1:

**Town of White River Comprehensive Plan  
Survey Results Summary**



**6. Do you believe your community should plan on adopting any of these additional methods of growth management?**

|                                       | Yes   | No    | Unsure |
|---------------------------------------|-------|-------|--------|
| Driveway Permitting .....             | 20.5% | 51.3% | 5.1%   |
| Storm Water and Erosion Control ..... | 28.2% | 38.5% | 12.8%  |
| Nonmetallic Mining.....               | 15.4% | 53.8% | 7.7%   |
| Uniform Dwelling Code .....           | 17.9% | 46.2% | 12.8%  |
| Design Review .....                   | 12.8% | 53.8% | 10.3%  |
| Purchase of Easements.....            | 15.4% | 51.3% | 12.8%  |
| Development of Impact Fees .....      | 0.0%  | 53.8% | 20.5%  |
| Density Standards.....                | 17.9% | 35.9% | 23.1%  |
| Local Zoning Control.....             | 25.6% | 43.6% | 10.3%  |
| Local Shoreland Zoning Control .....  | 33.3% | 38.5% | 12.8%  |
| Local Signage Control.....            | 28.2% | 43.6% | 7.7%   |
| Local Land Division Control .....     | 25.6% | 48.7% | 5.1%   |
| Local Subdivision Control .....       | 35.9% | 46.2% | 2.6%   |

**Government Services**

**7. Do residents have an adequate opportunity to express their opinions on issues?**

Yes .....56.4% No.....30.8%

**8. Please rate the following services**

|                                      | Good  | Fair  | Poor  | No opinion |
|--------------------------------------|-------|-------|-------|------------|
| Police protection .....              | 23.1% | 30.8% | 15.4% | 17.9%      |
| Fire protection .....                | 23.1% | 48.7% | 12.8% | 5.1%       |
| EMS (Emergency Medical Service)..... | 23.1% | 35.9% | 10.3% | 15.4%      |
| Trash collection.....                | 23.1% | 25.6% | 10.3% | 28.2%      |
| Recycling .....                      | 30.8% | 28.2% | 12.8% | 17.9%      |
| Water and sewer.....                 | 17.9% | 15.4% | 5.1%  | 48.7%      |
| Storm water.....                     | 17.9% | 12.8% | 7.7%  | 48.7%      |
| Snow removal .....                   | 25.6% | 25.6% | 33.3% | 5.1%       |
| Road repairs and maintenance.....    | 10.3% | 33.3% | 46.2% | 5.1%       |
| Library services.....                | 28.2% | 10.3% | 5.1%  | 43.6%      |
| Traffic enforcement.....             | 30.8% | 23.1% | 5.1%  | 28.2%      |
| Planning and zoning .....            | 12.8% | 35.9% | 7.7%  | 30.8%      |
| School district.....                 | 53.8% | 25.6% | 2.6%  | 7.7%       |
| Communication with residents.....    | 20.5% | 33.3% | 23.1% | 12.8%      |
| Recreation for youth.....            | 17.9% | 17.9% | 33.3% | 20.5%      |
| Recreation for adults.....           | 15.4% | 17.9% | 28.2% | 25.6%      |
| Recreation for the elderly.....      | 10.3% | 15.4% | 28.2% | 33.3%      |
| Administrative services .....        | 10.3% | 20.5% | 12.8% | 41.0%      |

## Local Questions

9. Are there areas in our Township that should be set aside for future generations? Yes...30.8% No .....48.7%
- If yes, please specify. 46.2%

*Please do not write outside of the box.*

10. Are you willing to pay for it? Yes ...28.2% No .....46.2%
11. Would you be in favor of the Town creating and using a Conservation Easement Acquisition Fund? Yes....17.9% No .....59.0%

## About Ashland County

12. How do you feel about Ashland County as a place
- |               | Excellent | Good  | Fair  | Poor  |
|---------------|-----------|-------|-------|-------|
| to live ..... | 28.2%     | 48.7% | 15.4% | 5.1%  |
| to work.....  | 7.7%      | 25.6% | 25.6% | 33.3% |

13. Over the last ten years, the quality of life in the County has
- |                |       |                 |       |                |       |
|----------------|-------|-----------------|-------|----------------|-------|
| improved ..... | 15.4% | stayed the same | 51.3% | declined ..... | 25.6% |
|----------------|-------|-----------------|-------|----------------|-------|

14. From the following list, rank the importance of the County efforts and services with 1 being the most important and 5 being the least important.

|  |       |   |       |
|--|-------|---|-------|
| Continue to promote industrial development .....   | 74.4% | Do more to enforce existing ordinances.....                                       | 71.8% |
| Continue to promote tourism.....                   | 82.1% | Do more to improve the transportation system .....                                | 76.9% |
| Continue to promote economic diversification ..... | 76.9% | Do more to work cooperatively with local governments .....                        | 82.1% |
| Do more to expand Health Service .....             | 82.1% | Do more to communicate with County residents.....                                 | 81.6% |
| Do more to protect water quality .....             | 82.1% | Do more to enforce traffic regulations .....                                      | 74.4% |
| Do more to protect open space.....                 | 79.5% | Focus on recruiting value added businesses to compliment existing businesses..... | 81.6% |

**15. Please rate the following County Services**

|                                       | Good  | Fair  | Poor  | No opinion |
|---------------------------------------|-------|-------|-------|------------|
| UW-Extension .....                    | 25.6% | 38.5% | 5.1%  | 12.8%      |
| Child Support Agency .....            | 15.4% | 28.2% | 5.1%  | 30.8%      |
| County Surveyor and Land Records..... | 41.0% | 25.6% | 0.0%  | 17.9%      |
| Emergency Government.....             | 12.8% | 46.2% | 0.0%  | 23.1%      |
| Forestry .....                        | 17.9% | 35.9% | 10.3% | 17.9%      |
| Highway Department .....              | 25.6% | 38.5% | 15.4% | 2.6%       |
| Human Services.....                   | 20.5% | 35.9% | 2.6%  | 20.5%      |
| Land Conservation.....                | 35.9% | 25.6% | 5.1%  | 20.5%      |
| Health Department.....                | 28.2% | 41.0% | 0.0%  | 12.8%      |
| Sheriff's Office.....                 | 41.0% | 25.6% | 10.3% | 5.1%       |
| Veteran's Service .....               | 12.8% | 25.6% | 0.0%  | 43.6%      |
| Zoning .....                          | 25.6% | 28.2% | 5.1%  | 25.6%      |

**Background Questions**

16. Are you a . . . Seasonal property owner.....25.6% Year-round resident.....66.7%

17. What is your age? 18 - 24 .....0.0% 25 - 45 .....20.5% 46 - 65 .....51.3% Over 65.....25.6%

18. If you are a year-round resident, do you own or rent your dwelling unit? Own .....71.8% Not Applicable .....10.3%  
Rent..... 0.0%

19. How long have you resided at your current address?  
Less than 5 years.....15.4% 11 - 20 years .....23.1%  
6 - 10 years ..... 5.1% Over 20 years.....46.2%

**Please complete survey and return within 10 days. Thank you.**