

A COMPREHENSIVE PLAN FOR THE TOWN OF HARTFORD: 2035

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A COMPREHENSIVE PLAN FOR THE TOWN OF HARTFORD: 2035

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Chapter I

INTRODUCTION AND BACKGROUND

INTRODUCTION

In 1999 the Wisconsin Legislature enacted a comprehensive planning law, set forth in Section 66.1001 of the *Wisconsin Statutes*. The requirements supplement earlier provisions in the *Statutes* for the preparation of county development plans (Section 59.69(3) of the *Statutes*) and local master plans (Section 62.23 of the *Statutes*). The requirements, which are often referred to as the “Smart Growth” law, provide a new framework for the development, adoption, and implementation of comprehensive plans in Wisconsin. The law includes a “consistency” requirement, whereby zoning, subdivision, and official mapping ordinances adopted and enforced by towns, villages, and cities must be consistent with the comprehensive plan adopted by the town board, village board, or common council, respectively. Zoning and subdivision ordinances adopted and enforced by a county, including shoreland zoning ordinances, must be consistent with the comprehensive plan adopted by the county board. The consistency requirement will take effect on January 1, 2010.

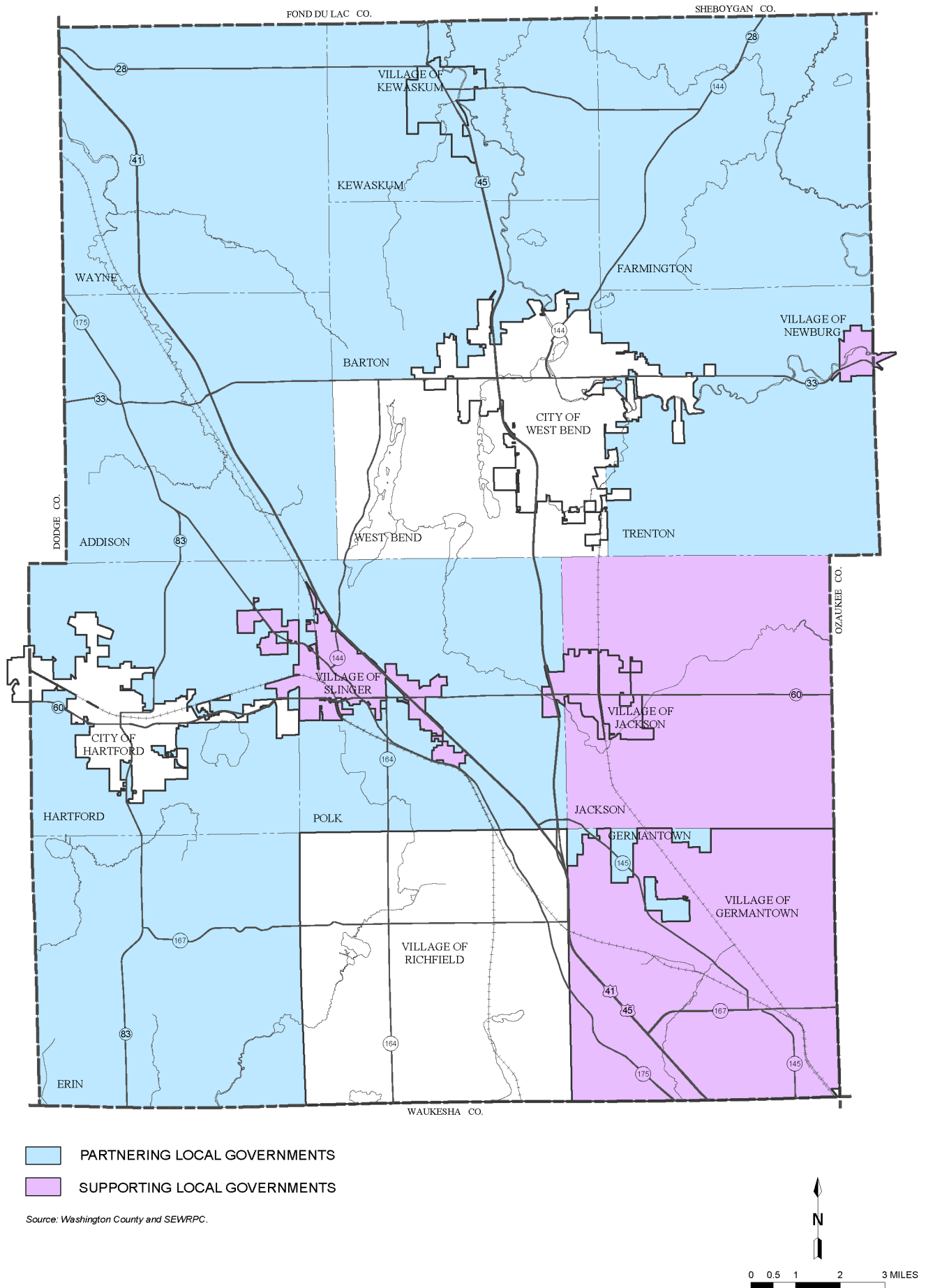
To address the State comprehensive planning requirements, a multi-jurisdictional comprehensive planning process was undertaken by Washington County; 11 local government partners, including the Town of Hartford; UW-Extension; and the Southeastern Wisconsin Regional Planning Commission (SEWRPC). The 11 local government partners are shown on Map 1.

As a result of the multi-jurisdictional process, comprehensive plans that satisfy the planning requirements set forth in Section 66.1001 of the *Statutes* have been developed for the County and each local government partner. The comprehensive plan for the Town of Hartford is documented in this report.

Although not all local governments partnered with Washington County to prepare a comprehensive plan, several local governments agreed to participate in the planning process by attending a series of regular intergovernmental meetings to discuss countywide issues of mutual concern. In addition, the Villages of Germantown, Newburg, and Slinger and the Town of Richfield acknowledged, through adoption of a resolution, that it is in their best interest to participate in the intergovernmental meetings for the general purpose of accomplishing coordinated, adjusted, and harmonious development within Washington County. The Village of Jackson and Town of Jackson also agreed to participate in intergovernmental meetings. The Village of Newburg, which is located partially in Ozaukee County, partnered with Ozaukee County in applying for a grant to prepare its local comprehensive plan, but also participated in the development of the Washington County plan by serving on the plan Advisory Committee. Local governments that are not full partners, but who have agreed to cooperate in the planning process, are designated as “supporting local governments” on Map 1.

Map 1

PLANNING PARTNERS FOR THE WASHINGTON COUNTY MULTI-JURISDICTIONAL COMPREHENSIVE PLAN



MULTI-JURISDICTIONAL PARTNERSHIP

A community workshop was sponsored by the Washington County Planning, Conservation, and Parks Committee on October 15, 2003, to discuss comprehensive planning efforts at the regional, county, and local levels. The concept of preparing a multi-jurisdictional comprehensive plan as a cooperative effort among all interested local governments, Washington County, and SEWRPC was discussed at that meeting as a way to meet the State comprehensive planning requirements in an efficient and cost-effective manner. Local governments interested in working with the County and SEWRPC were asked to notify the County by the end of 2003. Three villages and ten towns, including the Town of Hartford, indicated a willingness to cooperate with Washington County in preparing a multi-jurisdictional comprehensive plan.

A comprehensive planning workgroup made up of local government representatives, County officials, and County, UW-Extension, and SEWRPC staff was formed to establish a framework for preparation of the multi-jurisdictional comprehensive plan. Through a series of nine monthly meetings held between February and October 2004, the workgroup developed a work program, public participation plan, and an application for a comprehensive planning grant. The workgroup also developed a conflict resolution process for resolving disputes pertaining to the relationship between local plans and the County plan, including future plan amendments, which was approved by the County Board.

In the fall of 2004, the Washington County Board, the Kewaskum Village Board, and the Town Boards of the Towns of Addison, Barton, Erin, Farmington, Germantown, Hartford, Kewaskum, Polk, Trenton, and Wayne each adopted a resolution agreeing to participate in a multi-jurisdictional planning process and agreeing to submit an application to the Wisconsin Department of Administration (DOA) for a comprehensive planning grant to help fund preparation of the plan. A copy of the Town of Hartford resolution is included in Appendix A.

A grant was awarded in March 2005, and a grant agreement between Washington County and the DOA was signed on June 7, 2005. Prior to accepting the grant, Washington County and SEWRPC signed a three-party Cooperative Agreement with the Town of Hartford and with each of the other 10 local government partners. Each Agreement is a formal commitment among the local government, Washington County, and SEWRPC to participate in a coordinated, multi-jurisdictional comprehensive planning effort. The Town of Hartford agreement is available for review at the Town Hall or at the Washington County Planning and Parks Department office.

STATUTORY REQUIREMENTS

Requirements for the development and adoption of a comprehensive plan under the *Wisconsin Statutes* are summarized in this section. All of the requirements were met as part of the Town comprehensive planning process.

Nine Elements of the Comprehensive Plan

This plan contains the following nine elements, which are required by Section 66.1001(2) of the *Statutes*:

1. Issues and opportunities element
2. Land use element
3. Housing element
4. Transportation element
5. Utilities and community facilities element
6. Agricultural, natural, and cultural resources element
7. Economic development element
8. Intergovernmental cooperation element
9. Implementation element

Comprehensive Plan and Ordinance Consistency

Following adoption of this plan by the Town Board, the Town will amend its zoning, subdivision, and official mapping ordinances, as may be necessary, to bring those ordinances into compliance with the comprehensive plan. Under Section 66.1001(3), zoning, subdivision, and official mapping ordinances adopted or enforced by the Town of Hartford must be consistent with the comprehensive plan adopted by the Town Board beginning on January 1, 2010. Recommended changes to the Town zoning and subdivision ordinances are summarized in Chapter XII.

Fourteen State of Wisconsin Comprehensive Planning Goals

The nine plan elements documented in this plan address the 14 planning goals set forth in Section 16.965(4) (b) of the *Wisconsin Statutes*. The 14 planning goals are:

1. Promotion of the redevelopment of lands with existing infrastructure and public services and the maintenance and rehabilitation of existing residential, commercial, and industrial structures.
2. Encouragement of neighborhood designs that support a range of transportation choices.
3. Protection of natural areas; including wetlands, wildlife habitats, lakes, woodlands, open spaces, and groundwater resources.
4. Protection of economically productive areas, including farmland and forests.
5. Encouragement of land uses, densities and regulations that promote efficient development patterns and relatively low municipal, state government, and utility costs.
6. Preservation of cultural, historic, and archaeological sites.
7. Encouragement of coordination and cooperation among nearby units of government.
8. Building of community identity by revitalizing main streets and enforcing design standards.
9. Providing an adequate supply of affordable housing for individuals of all income levels throughout each community.
10. Providing adequate infrastructure and public services and an adequate supply of developable land to meet existing and future market demand for residential, commercial, and industrial uses.
11. Promoting the expansion or stabilization of the current economic base and the creation of a range of employment opportunities at the state, regional, and local level.
12. Balancing individual property rights with community interests and goals.
13. Planning and development of land uses that create or preserve varied and unique urban and rural communities.
14. Providing an integrated, efficient and economical transportation system that affords mobility, convenience, and safety and that meets the needs of all citizens, including transit-dependant and disabled citizens.

Public Participation Plan

Section 66.1001(4) of the *Statutes* requires that the Town Board adopt written procedures that are “designed to foster public participation, including open discussion, communication programs, information services, and public meetings for which advance notice has been provided, in every stage of the preparation of a comprehensive plan.” Proposed plan elements must be widely distributed, and opportunities must be provided for written comments to be submitted by the public to the governing body. A procedure for the governing body to respond to those comments must also be identified.

The multi-jurisdictional comprehensive planning workgroup, with assistance from County and UW-Extension staff, developed a recommended public participation plan for the multi-jurisdictional plan and each local government plan. The public participation plan was adopted by resolution of the Hartford Town Board on September 13, 2004. A copy of the resolution is included in Appendix B. The public participation plan is available for review at the Hartford Town Hall, at the Washington County Planning and Parks Department or Washington County UW-Extension offices, and on the comprehensive planning website (www.co.washington.wi.us/smartgrowth).

Plan Review and Adoption

Section 62.23 (the local master planning *Statute*) and Section 66.1001 (the comprehensive planning *Statute*) require that the Town Plan Commission recommend to the Town Board a comprehensive plan or plan amendment prior to Town Board adoption of a plan or plan amendment. The plan commission recommendation must be in the form of a resolution adopted by a majority vote of the entire membership of the commission. The *Statutes* further require that the Town must adopt Village powers in order to establish a Plan Commission if the Town has not previously undertaken one or both of these actions. The Town of Hartford adopted Village powers on April 6, 1954, and established the Town Plan Commission on April 14, 1986; both prior to passage of the comprehensive planning law.

Section 66.1001 (4) of the *Statutes* requires that a comprehensive plan or plan amendment be adopted by an ordinance enacted by a majority vote of the full membership of the Town Board. The law further requires that all nine elements be adopted simultaneously, and that at least one public hearing be held prior to adopting the plan. The *Statutes* require that an adopted comprehensive plan, or an amendment to a plan, be sent to all governmental units within and adjacent to the Town; Washington County; the DOA; the regional planning commission (SEWRPC); and the public library serving the Town (the Hartford Public Library).

RELATIONSHIP BETWEEN COUNTY AND LOCAL COMPREHENSIVE PLANS

A great deal of discussion took place during the comprehensive planning workgroup meetings in 2004 to determine how the plans developed by cities, villages, and towns would relate to the Washington County comprehensive plan. Sections 59.69(3) and 62.23(2) of the *Wisconsin Statutes* explicitly require the County to “incorporate” into the County plan those comprehensive plans and official maps that have been adopted by a city or village. The DOA has stated at comprehensive planning workshops that county plans need only incorporate city and village plans for the area within city and village limits.¹ Although State law does not require Town comprehensive plans and official maps to be incorporated into the County plan, Washington County incorporated adopted Town plans and maps into the County plan provided the land use element of the town comprehensive plan was in substantial agreement with the objectives, principles, and standards set forth in Chapter IV of the Regional Land Use Plan for Southeastern Wisconsin: 2020, as determined by the Washington County Planning, Conservation and Parks Committee. The Town of Hartford land use plan was found to be in substantial agreement with the regional land use plan, and was incorporated into the Washington County Multi-Jurisdictional Comprehensive Plan. The County comprehensive plan was adopted by the Washington County Board on April 15, 2008. Further information is included in the Intergovernmental Cooperation Element Chapter (Chapter XI).

While all local comprehensive plans—cities, villages, and towns—were “incorporated” into the Washington County plan document to the extent practicable, it is recognized that Washington County may choose to disagree with one or more proposals included in a city, village, or town plan, with such disagreements relating to, for example, State mandated shoreland zoning requirements. Every effort was made to discuss and resolve issues between Washington County and the cities, villages, and towns in the County. Where conflicts could not be resolved, they were documented in the intergovernmental cooperation element of the County plan report. Washington County explicitly recognizes that cities, villages, and towns may choose to disagree with a position that the County may take. The County respects the rights of cities, villages, and towns to adopt plans that may differ from the County plan.

¹As of 2008, the State had not provided any written guidance on whether city and village plans for extraterritorial areas are required to be incorporated into a county comprehensive plan. However, the Washington County Attorney determined that the County’s Planning and Parks Department qualifies as a “regional planning department” under Section 62.23(2) of the Wisconsin Statutes. As such, a city or village master plan cannot include unincorporated parts of the county, including extraterritorial areas, unless the County Board has given permission.

COMMITTEE STRUCTURE

The Town Plan Commission had the primary responsibility for reviewing this Town comprehensive plan and those aspects of the multi-jurisdictional plan that relate to the Town. Oversight was provided by the Town Board. The members of the Town Plan Commission and Town Board are listed on the inside front cover of this report.

A draft of the Town comprehensive plan was prepared for review under the guidance of the Town Plan Commission. The Town Board reviewed the draft plan and the recommendations of the Town Plan Commission. Following revisions made by the Town Board, the plan was adopted by an ordinance of the Town Board in accordance with the requirements of Section 66.1001(4) of the *Wisconsin Statutes*.

The Town also participated in the development of the multi-jurisdictional comprehensive plan for Washington County by providing comments on draft plan chapters and other materials and by serving on the advisory committee and three element workgroups established to develop the County plan. Town representatives on the County advisory committee and workgroups are also listed on the inside front cover of this report.

THE PLANNING AREA

The planning area is composed of the Town of Hartford, which in 2007 encompassed a total of 18,158 acres, or about 28 square miles. The Town is located in the west central portion of Washington County. It is bordered by the Town of Addison on the north, by the Town of Polk and the Village of Slinger on the east and by the Town of Erin on the south, all located in Washington County. The Town is effectively split into a northern part and a southern part by the City of Hartford, which extends along an east-west line through the middle of the Town (see Map 1). On the west and northwest, the Town is bordered by the Towns of Rubicon and Herman in Dodge County.

REPORT FORMAT

This planning report consists of 13 chapters. Following this introductory chapter, Chapters II and III present inventory data about Existing Plans and Ordinances: 2007 (II) and Population, Household, and Employment Trends and Projections (III). Chapters IV through XII constitute the town comprehensive plan. Plan element chapters include: Issues and Opportunities (IV); Agricultural, Natural, and Cultural Resources (V); Land Use (VI); Housing (VII); Transportation (VIII); Utilities and Community Facilities (IX); Economic Development (X); Intergovernmental Cooperation (XI); and Implementation (XII). A summary of the plan is provided in Chapter XIII.

BENEFITS OF COMPREHENSIVE PLANNING

In addition to the need to address State planning requirements, there are general positive results of thoughtful comprehensive planning from which the Town of Hartford and other participants in the planning process may benefit, including the following:

- ***Planning Helps Define the Future Character of a Community***
The physical design, setting, and arrangement of land uses can make it possible for people to carry out their daily lives and activities in an attractive and safe community environment. Land use planning and design can foster a distinctive sense of place. Planning allows a community to identify, preserve, and build upon the defining features of the community.
- ***Planning Helps Protect Natural and Cultural Resources***
Planning can help protect environmental features like wetlands, woodlands, and stream corridors which provide important public benefits, such as stormwater storage and groundwater recharge areas and recreational opportunities. Such resources would be difficult and expensive to replace if lost or damaged. Planning can also help identify and preserve prime agricultural soils, non-metallic mining resources, and historic, archaeological, and other important cultural structures and sites.
- ***Planning Can Provide a Rational Basis for Local Decisions***
Plans provide a factual and objective guide that can be used by public officials and citizens to make informed decisions about land use and development. Planning is a process that can help a community prepare for change rather than react to it.

- ***Planning Can Provide Certainty Regarding Future Development***
Plans and related maps show landowners and developers the location and type of development desired by the community, which can save them time and money in developing plans for future land uses. Planning can help increase the consistency and fairness of the development review and approval process while protecting the established property interests of existing residents.
- ***Planning Can Save Money***
Well-planned, orderly, and phased development patterns are less expensive for a community to provide public services and infrastructure than low density and scattered development patterns.
- ***Planning Can Promote Economic Development***
Planning can provide information about existing businesses and industries and help determine desirable types of new businesses. Planning can also help determine if the existing work force is sufficient to staff particular employment sectors and whether local services and housing are adequate to handle the impacts of new economic development.
- ***Planning Can Promote Public Health***
Finally, well planned development patterns and transportation options can make recreational, educational, and commercial facilities accessible to pedestrians. The ability to safely walk or bike to these facilities promotes physical health and community interaction.

While planning provides many important public benefits, it is important to recognize that an adopted plan is not an “end result,” but rather provides recommendations for future action. Plan recommendations will be fulfilled over time in generally small, incremental steps. A comprehensive plan provides a foundation and guide for many implementing tools, including the Town zoning ordinance and map, subdivision ordinance, and official mapping ordinance, which are required under State law to be consistent with the comprehensive plan. Other possible implementation tools include capital improvements programming, plans for local parks, and other local ordinances, programs, and policies.

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Chapter II

EXISTING PLANS AND ORDINANCES: 2007

This comprehensive plan is intended to update existing land use-related plans adopted by the Town of Hartford to comply with the comprehensive planning law (Section 66.1001 of the *Wisconsin Statutes*) and to reflect changes that have occurred since earlier Town plans were adopted. This plan is also intended to identify changes to the Town zoning and subdivision ordinance needed to implement the comprehensive plan and to refine and detail the regional land use plan and other areawide plans adopted by SEWRPC and Washington County. Accordingly, an important step in the planning process was a review of the existing framework of areawide and local plans and related land use regulations. This chapter presents a summary of that review. Plans and ordinances described in this chapter summarize those documents as they existed in 2007. Plans summarized in this chapter are an inventory of plans and regulations adopted during or prior to 2007, and should not be confused with the recommendations developed and adopted as part of this comprehensive plan. Comprehensive plan recommendations are set forth in the following nine element chapters (Chapters IV through XII).

PART 1: AREA-WIDE PLANS

Regional Plans

For the past 40 years, SEWRPC has used a cooperative, voluntary approach to preparing regional comprehensive plans. That approach envisions a 10-year planning cycle, beginning with each Federal Census of population and housing. During the first several years of each decade, planning efforts at the regional level are focused on updating the comprehensive planning database (new orthophotography, updated census information, travel surveys, updated land use and environmental corridor inventories, and updated information on local plans and zoning regulations). Population, household, and employment projections for a new design year are also prepared. The next phase of activity involves the preparation, documentation, and adoption of updated regional plans, focusing in particular on the regional land use and transportation plans. The regional plans are prepared cooperatively, with the involvement of State agencies, county and local governments, and private sector interests.

The regional plan contains extensive and detailed inventory information relating to existing land use and natural resources; population and employment information and projections; and regional land use, transportation, and other plan elements that provide an areawide, or metropolitan, planning framework for the preparation of county and local comprehensive plans; although there is no requirement that County and local plans conform to regional plans. Plans prepared by SEWRPC are advisory to County and local governments; however, county and local plans often refine and detail the recommendations set forth in the regional plan. The recommendations and implementation actions related to county and local plans are taken into account when the regional comprehensive plan is updated every 10 years. As a result, there is a continuous feedback loop that seeks to fully integrate local, county, and regional planning in Southeastern Wisconsin.

Regional plans affecting the Town of Hartford include:

- The regional land use plan for 2035, adopted in June 2006 (the fifth-generation regional land use plan). The regional land use plan is the building block for all regional plans prepared by SEWRPC. The plan recommends that urban development occur in centralized, compact areas that can be served efficiently by public water, sewer, and other public facilities; that primary environmental corridors be preserved; and that prime agricultural lands outside planned urban service areas be protected. The regional plan recommends that each County identify prime agricultural lands through its Farmland Preservation Plan.
- The regional transportation system plan for 2035, adopted in June 2006 (the fifth-generation regional transportation plan) is intended to provide a vision for, and guide to, transportation system development in the Region. The plan consists of four principal elements: public transit, systems management, bicycle and pedestrian facilities, and arterial streets and highways. Future needs for transit, street and highway, and other transportation improvements identified through the regional transportation planning process are designed to serve the future growth proposed in the regional land use plan. The Town of Hartford has expressed opposition to some of the recommendations for arterial streets and highways in the plan, which are noted in the Transportation and Intergovernmental Cooperation Elements (chapters VIII and XI, respectively).
- The regional natural areas plan, adopted in September 1997, identifies the most significant remaining natural areas, critical species habitats, geological sites, and archaeological sites in the Region, and recommends means for their protection and management. The plan identifies potential sites to be placed in public or private protective ownership, and other sites to be protected, insofar as it is possible, through zoning or other regulatory means without protective ownership. It also recommends that a detailed management plan be prepared and implemented for each site placed under protective ownership. An inventory of natural areas, critical species habitat sites, and geological areas in the Town is included in Chapter V.
- The regional water quality management plan, adopted in 1979, is a guide to achieving clean and healthy surface waters within the seven-county Region. The plan has five elements: a land use element; a point source pollution abatement element; a non-point source pollution abatement element; a sludge management element; and a water quality monitoring element. The point source pollution abatement element of the regional water quality management plan is of particular importance to land use planning. That plan element recommends major sewage conveyance and treatment facilities and identifies planned sewer service areas for each of the sewerage systems in Southeastern Wisconsin. Under Wisconsin law, major sewerage system improvements and all sewer service extensions must conform to the regional water quality management plan.
- A regional water supply plan is currently being conducted for the seven-county Region. The plan will include the following major components:
 - Water supply service areas and forecast demand for water use.
 - Recommendations for water conservation efforts to reduce water demand.
 - Evaluation of alternative sources of supply, recommended sources of supply, and recommendations for development of the basic infrastructure required to deliver that supply.
 - Identification of groundwater recharge areas to be protected from incompatible development.
 - Specification of new institutional structures necessary to carry out plan recommendations.
 - Identification of constraints to development levels in subareas of the Region due to water supply sustainability concerns.

- Telecommunications have become increasingly important in the local, national, and global economies. SEWRPC has undertaken a regional telecommunications planning effort to create a better understanding of telecommunications networks and the provision of services such as wireless and wireline telecommunications and high speed, broadband telecommunications throughout the Region. An inventory of wireless telecommunications providers and antennas providing cell phone service in Washington County is included in SEWRPC Planning Report No. 51, *A Wireless Antenna Siting and Related Infrastructure Plan for Southeastern Wisconsin*, published in September 2006. In addition to presenting inventories of both infrastructure and performance for the existing cellular/PCS mobile wireless networks operating in the Region, the plan describes a recommended wireless telecommunications plan for the Region.

The wireless communications plan recommended in Planning Report No. 51 consists of two levels of wireless networks – a wireless backhaul¹ network plan and a community-level wireless access network plan. The plan sets forth an approach to implement both the regional wireless backhaul network and community level wireless network plans. The proposed plan implementation process is intended to influence, rather than replace, existing competitive private sector, market-driven planning in order to promote the public interest within the Region. The Towns of Addison and Wayne worked with SEWRPC to develop community-level wireless access networks.

A regional broadband access plan, which built upon the wireless telecommunications plan, was completed in 2007.² Upon implementation, this plan will support a mix of wireline and wireless networks that will provide fourth generation (4G) video, voice, and data communications services to the entire Region. A central feature of the recommended plan is the potential for cooperative efforts between the public and private sectors in which infrastructure costs are shared between the public safety and commercial networks. Implementation of the recommended plan will require county or multi-county action, although partial implementation can be achieved at the community or multi-community level.

Lake Management Plan for Pike Lake

Pike Lake is an important asset to the residents of the Town, and also to Washington County and the Southeastern Wisconsin region. The Lake is a popular recreational destination, and serves as the centerpiece of one of the more heavily used parks in the State park system. During recent years, Pike Lake has experienced various management problems, the symptoms of which have included excessive aquatic plant growth, recreational user conflicts and limitations, and variations in water quality. In addition, concerns have been raised regarding the need to protect environmentally sensitive areas within and adjacent to the Lake and to prevent the invasion of exotic species. In response to these concerns, the Pike Lake Protection and Rehabilitation District requested that SEWRPC prepare a lake management plan for the lake in cooperation with the district. The plan is documented in SEWRPC Community Assistance Planning Report No. 273, *A Lake Management Plan for Pike Lake*, December 2005. The plan includes recommendations to achieve the primary management objectives for the Lake, which include protecting and improving water quality at a level suitable for the maintenance of warmwater fish and other aquatic life, reducing the severity of existing nuisance conditions caused by excessive macrophyte and algal growth, and improving opportunities for water-based recreational activities. Several of the plan's recommendations are included in the goals, objectives, policies, and programs in the Agricultural, Natural, and Cultural Resources Element (Chapter V).

¹A backhaul network is designed to convey wireless communications data from multiple users in a relatively small service area to a centralized access point. Multiple access points in a larger service area in turn transmit wireless data to a cable Internet connection (gateway) maintained by a local exchange company. Information is also disseminated from the Internet to the access network, then to local users through the backhaul network.

²Documented in SEWRPC Planning Report No. 53, A Regional Broadband Telecommunications Plan for Southeastern Wisconsin, October 2007.

Wisconsin Department of Natural Resources Master Plans

Each property owned by the Wisconsin Department of Natural Resources (DNR) is required to have a "master plan" that establishes the goals and objectives for the property and identifies how the area will be managed and developed. These plans are designed to clearly communicate to the public how the property will "look" and what benefits the area will provide. The DNR has adopted master plans for the Allenton Wildlife Area, the Kettle Moraine State Forest – Northern Unit, the Kettle Moraine State Forest – Loew Lake Unit, and the Theresa Wildlife Area. The DNR is currently preparing a master plan for the Kettle Moraine State Forest – Pike Lake Unit, which lies within the Town of Hartford.

The Wisconsin Natural Resources Board adopted a master plan in 1996 to guide management of the Kettle Moraine State Forest – Loew Lake Unit, which is located just south of the Town of Hartford in the Town of Erin. The major recommendations include additional land acquisitions (2,133 acres); vegetation management activities (includes thinning to promote growth and desired species composition, restoring prairie and grasslands, and developing forest-management demonstration areas); construction and management of recreation facilities (including trails and support facilities such as parking lots and a hostel or other public/private partnership facility at the log house); developing, restoring, and maintaining wildlife areas (includes restoring wetlands, a turkey management zone and a deer management unit for muzzle-loading weapons, trapping opportunities, and wildlife habitat-management demonstration areas); lake improvements (includes protecting and enhancing the habitat for both game and non-game fish species); protecting endangered resources; and cultural resource management.

In addition, the Wisconsin Natural Resources Board adopted a master plan in 1984 to guide the management of the Allenton Wildlife Area, which is located just north of the Town of Hartford in the Town of Addison. Major recommendations include the development of a minimum of four runoff ponds and 3,000 feet of dikes and associated water control structures, maintenance of existing dikes; continued cropping; treatment of brush and forest management activities; maintaining roads, parking areas and informational signing to accommodate hunters and other users; stocking of wildlife; and surveying the area for endangered or threatened species and sites of archaeological or historical significance. The plan will be updated when staff and other resources are available.

Ice Age Trail Corridor Plan

The Ice Age Trail, which is planned to extend approximately 1,000 miles across the State of Wisconsin along the terminus of the continental glacier, was designated as a National Scenic Trail by the U.S. Congress in 1980. The Trail is administered by the National Park Service in cooperation with the DNR and the Ice Age Park and Trail Foundation. A trail corridor was established by the National Park Service in 1995. About 27 miles of the proposed 37-mile length of the Trail within Washington County had been completed by 2006, including about three miles of the Trail located in the Town of Hartford. Existing segments of the trail are open to pedestrian travel only, which includes hiking, snowshoeing, and limited cross-country skiing. Such uses as biking, horseback riding, and snowmobiling are not permitted.

PART 2: WASHINGTON COUNTY PLANS AND ORDINANCES

Washington County Land Use-Related Plans

- ***Washington County Park and Open Space Plan.*** An updated County park and open space plan with a design year of 2020 was adopted by the Washington County Board in March 2004. That plan consists of both an open space preservation element and an outdoor recreation element, intended to, respectively, protect areas containing important natural resources and to provide major parks, areawide trails, and resource-oriented recreational facilities.
- ***Washington County Farmland Preservation Plan.*** Farmland preservation areas in Washington County were identified by the Washington County farmland preservation plan, which was adopted by the Washington County Board in August 1981. That plan defined farmland preservation areas as contiguous

blocks of farmland at least 640 acres in size that were relatively uninterrupted by conflicting uses, with at least 50 percent of the soils on each farm meeting Soil Conservation Service (now the USDA Natural Resources Conservation Service (NRCS)) criteria as “Prime Farmland” or “Farmland of Statewide Importance.” Generally, prime farmlands are Class I or II soils and farmlands of statewide importance are Class III soils. The plan was amended in 2004 to update farmland preservation areas in the Towns of Hartford and Kewaskum, and to revise advisory guidelines for secondary farmland areas to discourage residential development not associated with farming.

At the time this comprehensive plan was being prepared, the State of Wisconsin was considering changes to the State Farmland Protection Program as part of its “Working Lands Initiative.” The Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP) launched the Working Lands Initiative in 2005 and established a steering committee to develop a consensus vision on managing Wisconsin’s farm and forest lands. The Working Lands Initiative Steering Committee issued a report in August 2006 with a set of recommendations intended to update and expand policies and programs affecting Wisconsin farmlands and forests. The report recommends an update to the Wisconsin Farmland Preservation Program, which would include setting a flat per-acre tax credit for landowners instead of basing the credit on household income; requiring all land in the program to be zoned for exclusive agricultural use; and streamlining the process of applying for the program and claiming the tax credits. Proposed changes to the Farmland Preservation Program were included in the DATCP 2007-09 budget request. The Committee’s report also recommends establishing a number of programs, including a Working Lands Enterprise Areas program, a purchase of development rights program, and a beginning farmer/logger program. Any new State laws and regulations resulting from the Working Lands Initiative will likely require a new Farmland Preservation Plan to be prepared by the County.

- ***Purchase of Development Rights Program.*** In 2005, in the interest of preserving prime farmland in Washington County, the Planning, Conservation, and Parks Committee (PCPC) of the County Board recommended the formation of a Purchase of Development Rights Task Force. The Task Force analyzed the potential for a Purchase of Development Rights (PDR) Program in Washington County and developed a strategic plan of action to implement such a program. The proposed PDR Program was designed to preserve prime farmland and associated natural areas in priority areas of the County by purchasing land preservation easements or titles from willing landowners, working in cooperation with local governments, following adopted plans, and leveraging other funding sources to the maximum extent possible.

A PDR strategic report was completed in February 2006. The report made recommendations for an institutional structure for a PDR program, and recommended a PDR application process, ranking criteria, and a map indicating “priority areas” in Washington County. The report also recommended general easement provisions, an education and outreach plan to raise public understanding of the value and function of land preservation and the PDR program, and coordination of the PDR program with local land use planning and zoning.

The Washington County Board established a PDR program in March 2006, but rescinded the program in July 2006. A referendum held in April 2007 to establish a County PDR program was defeated.

Efforts to establish a Town of Hartford PDR program are described in Part 3.

- ***Farmland and Open Space Preservation Tools.*** In 2004 the Washington County PCPC requested the Planning and Parks Department to study various means of preserving farmland and open space in Washington County. This study’s goal was to objectively research and analyze different tools and funding sources that could be used in Washington County for farmland and open space preservation. The preservation tools described and analyzed represent existing and potential strategies for the protection of farmland and open space within Washington County. Preservation tools are grouped into three categories:
 - **Regulatory Based Tools** – These tools control or define the activities or modifications that a landowner may conduct on his or her land through ordinances.

- Incentive Based Tools – These tools support or encourage a specific activity or modification that a landowner may conduct on his or her land and, although some of these tools may be incorporated into an ordinance, they are voluntary.
 - Economic Viability Tools – These tools focus on improving/enhancing the economic environment for the agricultural industry.
- ***Land and Water Resources Management Plan.*** An updated land and water resources management plan was adopted by the County Board in December 2005. The plan identifies eight priority issues related to County land and water resources. These issues include development, fertilizer and pesticides, stormwater, animal waste, groundwater, soil sustainability and sedimentation, nonmetallic mining, and waste management. To address these issues the plan identifies the following goals: improve and implement planning strategies that protect/preserve land and water resources; improve and protect surface and ground water through the proper use of fertilizers and pesticides; reduce the quantity and improve the quality of stormwater runoff from developed and developing areas; reduce the human and environmental risks posed by animal waste; protect and improve the quality and quantity of groundwater; protect and enhance the productivity and sustainability of all cropland; reduce sediment delivery into streams, lakes, and wetlands; assure reclamation of mines when operations are terminated; and reduce the human and environmental risks posed by hazardous waste. The plan defines a work plan. The work plan sets forth the objectives and actions that will be carried out in order to achieve the goals associated with each issue and identifies the agency or organization responsible for carrying out the listed action steps.
 - ***Jurisdictional Highway System Plan.*** In 1975 the Washington County Board of Supervisors adopted an initial jurisdictional highway system plan. That plan, with a design year of 1990, was intended to help provide the County with a highway transportation system that would serve and promote a desirable land use pattern in the County, abate traffic congestion, reduce travel time and costs, and reduce accident exposure. The initial plan has been amended periodically to cope with growing traffic demands and adjust the existing highway system to serve changes in traffic patterns taking place within the County, and achieve an equitable distribution of arterial street and highway development and maintenance costs and revenues among the various levels and units of government. The 2035 regional transportation plan, described earlier in this chapter, recommends updates to the current jurisdictional highway system plan for Washington County. Recommendations for the maintenance, improvement, and expansion of arterial streets and highways from the Regional Transportation System Plan were refined in 2007 and 2008 during the preparation of an updated Washington County Jurisdictional Highway System Plan for the year 2035.³ The updated County jurisdictional highway system plan is described in Chapter VIII.
 - ***A Public Transit Plan for Washington County.*** The current public transit plan for Washington County, adopted in 1996, sets forth the findings and recommendations from a study of transit service needs in Washington County and the means by which those needs might best be met. The primary focus of the plan was to provide transit service for Milwaukee County residents to jobs in Washington County through the establishment of the Washington County Commuter Express Service (described in Chapter VIII). The service has evolved over time to primarily provide traditional work commute trips from Washington County to downtown Milwaukee, Wauwatosa, and West Allis. The transit plan also recommended the establishment of shared-ride taxicab services, which are currently provided by Washington County and the Cities of Hartford and West Bend.

³Documented in SEWRPC Planning Report No. 23, 2nd edition, A Jurisdictional Highway System Plan for Washington County: 2035, July 2008.

Washington County Land-Use Related Ordinances

- **County Shoreland and Floodplain Zoning Ordinance.** Under Section 59.692 of the *Wisconsin Statutes* and Chapter NR 115 of the *Wisconsin Administrative Code*, counties are responsible for regulating shoreland areas within unincorporated (town) areas. Shorelands are defined as all lands lying within 1,000 feet of the ordinary high-water mark of navigable lakes, ponds, and flowages; or within 300 feet of the ordinary high-water mark of navigable rivers and streams or to the landward side of the floodplain, whichever distance is greater. The Washington County shoreland, wetland, and floodplain zoning ordinance is set forth in Chapter 23 of the Washington County Code of Ordinances and applies to shorelands, shoreland-wetlands, and floodplains in all towns within the County, including the Town of Hartford.⁴

The shoreland zoning ordinance includes restrictions on uses in wetlands of two acres or more located within the shoreland, and limits the types of uses that can occur within the 100-year floodplain zoning district to prevent damage to structures and property and to protect the floodwater conveyance and storage capacity of floodplains. The ordinance also includes restrictions on the removal of vegetation and filling, grading, and excavating within a shoreland area. Most structures must be set back a minimum of 75 feet from the ordinary high-water mark if adjacent to a Class 3 waterbody, 100 feet if adjacent to a Class 2 waterbody, and 125 feet if adjacent to a Class 1 waterbody, although the setbacks along Class 1 and 2 waterbodies may be reduced to 100 feet and 75 feet, respectively, subject to approval of mitigation measures. Minimum requirements for uses in unincorporated shoreland areas are set forth in Chapter NR 115 of the *Wisconsin Administrative Code*. Minimum floodplain requirements are set forth in Chapter NR 116.

Under Chapter NR 117 of the *Administrative Code*, cities and villages are required to restrict uses in wetlands located in the shoreland area. The provisions of NR 115, which regulate uses in unincorporated portions of the shoreland, apply in cities and villages in shoreland areas annexed to a city or villages after May 7, 1982. The same floodplain regulations set forth in NR 116 for unincorporated areas also apply within cities and villages. Each city and village administers the floodplain regulations within its corporate limits.

- **County Land Division Ordinance.** Washington County adopted a land division ordinance on June 12, 1972 which is updated periodically. The Washington County ordinance regulates land divisions in towns that initially or by subsequent divisions create five or more lots of five acres each or less in area within a five-year period. In addition, the Washington County shoreland and floodplain zoning ordinance includes land division regulations for areas located in the shoreland area. As required by Chapter NR 115 of the *Wisconsin Administrative Code*, the ordinance regulates land divisions in the shoreland area that create three or more lots of five acres or less within a five-year period.
- **Erosion Control and Stormwater Management.** The Washington County Erosion Control and Stormwater Management Ordinance is set forth in Chapter 17 of the Washington County Code of Ordinances. The ordinance includes requirements for land development and land disturbing activities designed to minimize sedimentation, water pollution, flooding, and related property and environmental damage caused by soil erosion and uncontrolled stormwater runoff during and after construction. The ordinance applies to all unincorporated lands in Washington County unless a Town Board has adopted an ordinance at least as restrictive as the County ordinance. County ordinance requirements continue in effect in any area annexed by a city or village, unless the city or village enforces a city or village

⁴Shoreland zoning maps are available for review at the office of the Washington County Planning and Parks Department.

ordinance which complies with the minimum standards established by the DNR and is at least as restrictive as Washington County's ordinance. The Town of Hartford has not adopted a Town Erosion Control and Stormwater Management ordinance, and is therefore regulated under the County ordinance.

PART 3: TOWN LAND USE-RELATED PLANS AND ORDINANCES

Town of Hartford Land Use Plan

The *Town of Hartford Land Use Plan* was adopted on May 13, 1996 by the Town Board. The Plan identifies priorities and intentions with respect to land use and development. They include limiting development to maintain and preserve the Town's rural character; preserving agricultural lands and protecting farming operations; protecting environmental resources; permitting limited residential development in the Town; providing for commercial development in select locations; locating industrial development where adequate transportation facilities are available and surrounding uses are compatible; allowing gravel pits and nonmetallic mining areas in areas where impacts are minimal on adjacent land uses; establishing cooperative planning with surrounding communities; maintaining a safe and efficient transportation system in the Town; and maintaining services in the Town, including emergency services, road improvement and repair, and garbage and recycling services. The plan places much of the Town within the Agricultural Preservation District. Residential use areas are designated within the Rural Residential District. This district is designated to accommodate single-family residential development. New lots for development are recommended to be a minimum of 12,000 square feet in sewered areas and 40,000 square feet in unsewered areas.

This comprehensive plan revises and replaces the Town land use plan to reflect changing conditions in the Town, and to meet State comprehensive planning requirements.

Town of Hartford Purchase of Development Rights Program

The Town of Hartford has organized and held two referenda on establishing a Purchase of Development Rights (PDR) program in the Town. The first referendum was held in November 1998. The Town hired a private consultant (JoJo Gehl) to spearhead the PDR effort. Ms. Gehl gave a presentation to the Plan Commission on May 6, 1998 regarding a potential PDR program. The Town also sent a newsletter describing the PDR program to all Town residents, and conducted a public opinion survey. About 10 percent (over 50 surveys) were returned. About 63 percent of respondents were in favor of paying slightly higher property taxes to preserve farmland, woods, and scenic vistas, and nearly 75 percent of respondents thought adopting the program would help the Town prevent annexation of rural lands by neighboring municipalities.

Two informational meetings were held regarding the PDR program. The August 6, 1998 meeting was attended by more than 170 people. Speakers from Peninsula Township in Michigan and Lancaster County in Pennsylvania, which have both established successful PDR programs, were featured. Flyers were sent to all residents, the heads of surrounding local governments, and State representatives. A second meeting on September 30, 1998 was attended by approximately 80 people. The Chairman of the Town of Dunn, Wisconsin, attended the second meeting and described that Town's successful PDR program.

The Town Board adopted a resolution in mid-September to put an advisory referendum on the ballot on November 3, 1998. The referendum language was:

"Shall the Town of Hartford initiate a program of Rural Preservation through the purchase of development rights (PDR) in farmland and open space that are voluntarily offered for sale by property owners in the Town with the program to be funded by a mill rate increase on all taxable property in the Town?"

The referendum was defeated by a vote of 591 (45 percent) in favor of establishing a PDR program, and 728 (55 percent) opposed.

The PDR idea resurfaced in 2004. A citizens group was created to spearhead the effort. A second referendum was held on November 2, 2004. The referendum language was identical to that on the 1998 ballot. The referendum was defeated by a vote of 938 (43 percent) in favor of PDR program and 1,261 (57 percent) opposed.

Boundary Agreements

The *Wisconsin Statutes* provide several options for neighboring cities, villages, and towns to cooperatively determine common boundaries. Section 66.0307 of the *Wisconsin Statutes* allows any combination of cities, villages, and towns to determine the boundary lines between themselves under a cooperative plan. Section 66.0307 envisions the cooperative preparation of a plan for the affected area by the local units of government concerned and prescribes in detail the contents of the cooperative plan. The cooperative plan must identify agreed-upon boundary changes and existing boundaries that will not change during the planning period; identify any conditions that must be met before a boundary change may occur; include a schedule of the period during which a boundary change shall or may occur; and specify arrangements for the provision of urban services to the territory covered by the plan. A boundary agreement can also be achieved under Section 66.0225, which allows two abutting communities who are parties to a court action to enter into a written stipulation determining a common boundary. In addition, communities can agree upon common boundaries under Section 66.0301, the “intergovernmental cooperation” *Statute*.

A boundary agreement under Section 66.0225 of the *Statutes* between the then-Town of Richfield and the Town of Hartford, Town of Erin, and the City of Hartford was signed in January 2007. The term of the agreement is 20 years, and the agreement is contingent upon the Town of Richfield’s incorporation as a Village.⁵ As part of the agreement, the Town of Richfield will not accept or grant any annexations from the Town of Hartford following the Town of Richfield’s incorporation as a Village. In return, the Town of Hartford adopted a resolution supporting the Town of Richfield’s incorporation petition as a Village.

Nonmetallic Mining Reclamation Ordinance

The Town of Hartford nonmetallic mining reclamation ordinance was adopted to establish a local program to ensure the effective reclamation of nonmetallic mining sites in the Town in compliance with Chapter NR 135 of the *Wisconsin Administrative Code* and Chapter 295 of the *Wisconsin Statutes*. The requirements of the ordinance apply to all operators of nonmetallic mining sites within the Town operating or commencing operation after August 1, 2001, except for sites meeting at least one of the exemption criteria listed in Chapter NR 135 of the *Wisconsin Administrative Code*. The Town of Hartford administers the ordinance and is responsible for the review and approval of reclamation plans for nonmetallic mining sites in the Town in accordance with Town ordinance requirements.

The Town ordinance requires that a reclamation plan be prepared and submitted for approval by the Town. The ordinance states that all nonmetallic mining sites subject to this ordinance shall be reclaimed in conformance with the standards contained in Subchapter II of Chapter NR 135 of the *Wisconsin Administrative Code*. These include minimum standards for surface water and wetland protection, groundwater protection, topsoil management, final grading and slopes, topsoil redistribution for reclamation, and re-vegetation and site stabilization. The criteria for assessing completion of successful site reclamation, intermittent mining, and maintenance are also set forth.

Lake Use Ordinance

The Town of Hartford has adopted an ordinance to help manage uses on Pike Lake. The ordinance, which is set forth in Chapter 11 of the Town Code, “*Lakes and Waters*,” regulates recreational boating activities and swimming on the Lake.

Zoning and Subdivision Regulations

Good community development depends not only on quality planning at all levels of government, but on practical implementation measures. Land use and development regulations affect the type of uses allowed, as well as the detailed design and site layout of proposed developments. The following presents a summary of zoning and subdivision regulations adopted by the Town as of 2007.

⁵The Town of Richfield incorporated as a Village on February 13, 2008.

Town of Hartford Zoning Ordinance

A zoning ordinance is a public law that regulates and restricts the use of property in the public interest. The primary function of zoning should be to implement an adopted master or comprehensive plan. Indeed, Section 66.1001(3) of the *Wisconsin Statutes* requires that zoning, land divisions, and official mapping decisions made by local and county governments be consistent with local and county comprehensive plans, respectively, as of January 1, 2010.

A zoning ordinance divides a community into districts for the purpose of regulating the use of land and structures; the height, size, shape, and placement of structures; and the density of housing. A zoning ordinance typically consists of two parts: a text setting forth regulations that apply to each of the various zoning districts, together with related procedural and administrative requirements; and a map delineating the boundaries of zoning districts.

The Hartford Town Board adopted an updated zoning ordinance in January 1999. The ordinance was updated with amendments approved through March 2006. An updated zoning map was prepared in October 2007, but has not been adopted by the Town Board. The draft zoning map is shown on Map 2. Zoning within the Town consists of eight basic zoning districts, which are summarized on Table 1.

Washington County enforces shoreland and floodplain zoning regulations in shoreland areas in the Town of Hartford. The County shoreland and floodplain zoning ordinance is described in Part 2 of this chapter.

City of Hartford Municipal Airport Height Restrictions

Chapter 10 of the *City of Hartford Municipal Code* places height restrictions on structures or trees on lands surrounding the Hartford Municipal Airport to prevent obstruction of the air space required for flights taking off and landing at the airport. Objects within one-half mile of the airport boundary must be no more than 35 feet in height, objects within the area beginning one-half mile from the airport boundary and extending to one mile from the airport boundary must be no more than 50 feet in height, and objects within the area beginning one mile from the airport boundary and extending to three miles from the airport boundary must be no more than 100 feet in height. The height limitations affect portions of the Town of Hartford.

Extraterritorial Zoning Regulations

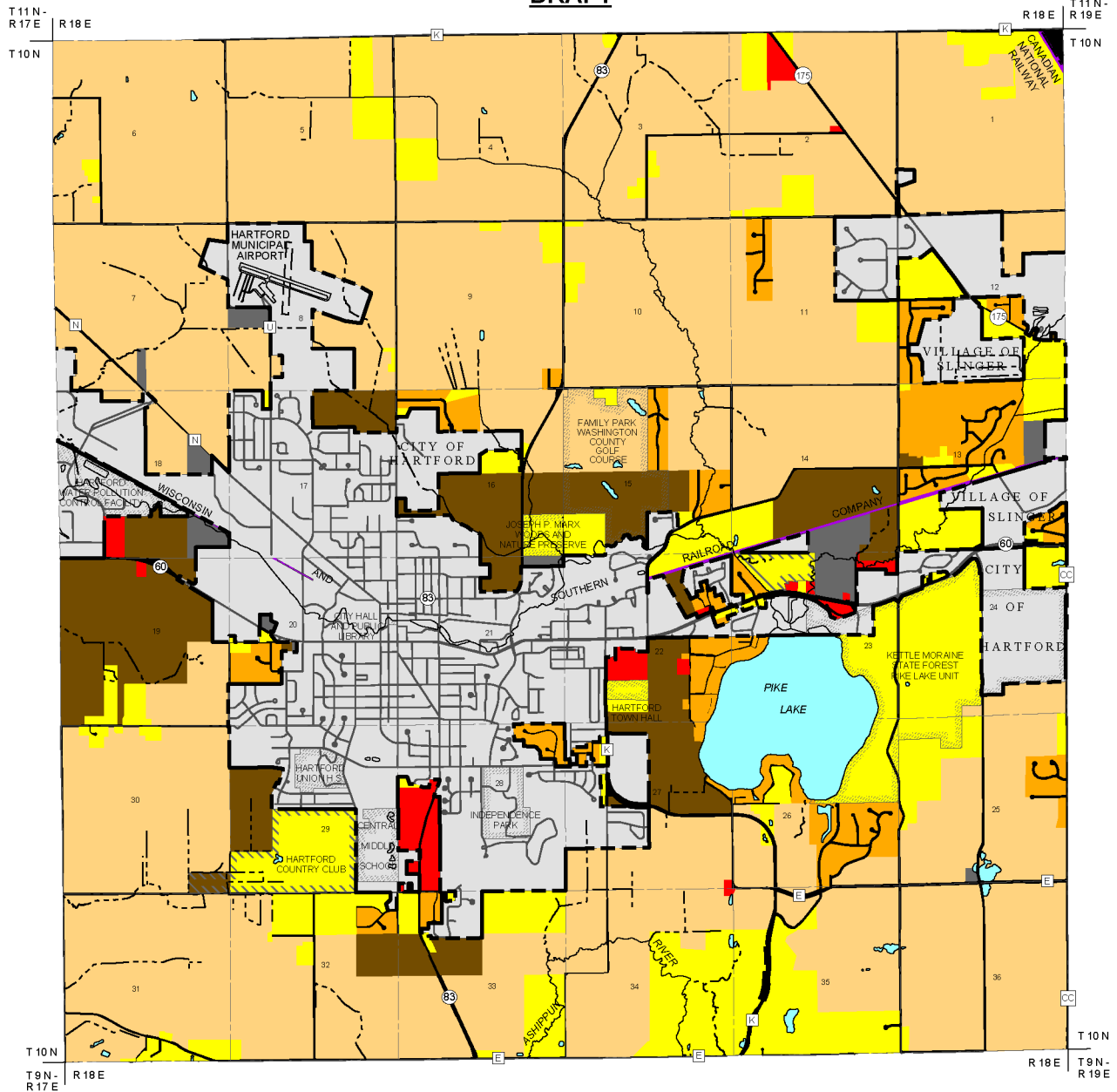
The *Wisconsin Statutes* authorize cities and villages to adopt extraterritorial zoning regulations for adjacent unincorporated areas, in cooperation with the adjacent town, within three miles of a city of the first, second, or third class, and within 1.5 miles of a city of the fourth class or villages. The City of Hartford is a third-class city, and is therefore entitled by the *Statutes* to exercise extraterritorial zoning authority up to three miles outside city boundaries, if agreed to by the Town. A summary of the process set forth in the *Statutes* for enacting an extraterritorial zoning ordinance and other land-use related extraterritorial authorities granted to cities and villages is provided in Appendix C. A city or village can initiate preparation of an extraterritorial zoning ordinance and map at any time. Initiation of the extraterritorial zoning ordinance freezes existing zoning in the extraterritorial (town) area for two years, while the city or village and affected town jointly develop an extraterritorial zoning ordinance and map. A joint committee is formed to develop the ordinance. The time period can be extended for one additional year at the end of the two-year period if agreed to by the affected town.

The entire Town of Hartford lies within the extraterritorial area of either the City of Hartford or the Village of Slinger. The Town is also within the extraterritorial area of the Village of Richfield; however, as part of the boundary agreement among the City of Hartford, Town of Hartford, Town of Erin, and the then-Town of Richfield, Richfield agreed not to exercise extraterritorial zoning or plat approval authority in any areas that were within the City of Hartford's extraterritorial area for 20 years after the agreement was signed (January 2007). Because of the agreement, Richfield does not exercise extraterritorial authority within the Town.

Under Section 66.0105 of the *Statutes*, the extraterritorial area of cities and villages cannot overlap. The extraterritorial area must be divided equidistantly between the municipalities, or the municipalities may enter into

Map 2 EXISTING ZONING IN THE TOWN OF HARTFORD: 2008

DRAFT



- AGRICULTURAL PRESERVATION
- AGRICULTURAL TRANSITION
- RURAL DENSITY RESIDENTIAL
- URBAN DENSITY RESIDENTIAL
- COMMERCIAL
- LIGHT INDUSTRIAL

(NONE) OUTDOOR RECREATION

(NONE) WETLAND CONSERVANCY

--- TOWN / CITY / VILLAGE BOUNDARY

ADDITIONAL INFORMATION

- STREETS AND HIGHWAYS
- RAILROAD
- SURFACE WATER
- CITY OF HARTFORD AND VILLAGE OF SLINGER

NOTE: PLEASE CONTACT THE TOWN ZONING ADMINISTRATOR TO DETERMINE IF THE TOWN BOARD HAS APPROVED ANY REZONINGS SINCE THIS MAP WAS PREPARED.

Source: SEWRPC.

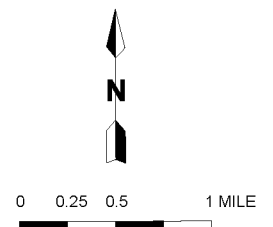


Table 1

TOWN OF HARTFORD ZONING ORDINANCE SUMMARY OF DISTRICT REGULATIONS

District	Typical Principal Uses	Typical Conditional Uses ^a	Minimum Lot Size	Minimum / Maximum Floor Area (square feet)
AP Agricultural Preservation District	General agricultural practices and single-family homes unrelated to farming that existed prior to September 9, 1979	Intensive agricultural practices, agricultural rental buildings, farm dwellings, two-family dwellings, manufactured homes, farm-based businesses and farm markets, seed and feed sales, non-metallic mining, wind and solar energy facilities, landing strips, and utilities	35 acres	1,000 minimum for one story dwellings; 1,200 for multi-story dwellings
AT Agricultural Transition District	Same as AP District	Agricultural rental buildings, farm dwellings, two-family dwellings, manufactured homes, farm-based businesses and farm markets, seed and feed sales, non-metallic mining, private and public institutional uses, public recreation, wind and solar energy facilities, landing strips, and utilities	35 acres	Same as AP District
RR Rural Residential District	Single family dwellings, agricultural rental buildings, home occupations, public institutional uses, and public recreation	Two-family dwellings, manufactured homes, bed and breakfast establishments, day care centers, kennels, veterinarian services, cemeteries, private institutional uses, and wind and solar energy facilities	40,000 square feet (two acre maximum lot size)	1,000 minimum for one story dwellings; 1,200 for multi-story dwellings; 20% maximum building coverage of lot
R Residential District	Single family dwellings, community living arrangements serving eight or fewer residents, home occupations, private and public institutional uses, and public recreation	Two-family dwellings, community living arrangements serving more than eight residents, bed and breakfast establishments, and day care centers	40,000 square feet for unsewered; 12,000 square feet for sewer	Same as RR District
C Commercial District	Office buildings, home occupations, retail sales and service, indoor entertainment, seed and feed sales, veterinarian services, accessory residences, and private and public institutional uses	Hotels and motels, kennels, auto repair and sales/service stations, farm machinery services, trade and contractor establishments, agricultural product processing, and mini-warehouse	40,000 square feet for unsewered; 12,000 square feet for sewer	1,000 minimum for one story dwellings; 1,200 for multi-story dwellings (accessory residences); 35% maximum building coverage of lot
LI Light Industrial District	Agricultural bulk product collection, storage, and transfer; light industry; auto repair and service; warehousing, wholesaling and trucking; wood processing plants; office buildings; commercial parking; retail sales and service, and indoor entertainment	Asphalt and concrete plants, recycling and waste recovery facilities, and salvage or junk yards	40,000 square feet for unsewered; 5,000 square feet for sewer	50% maximum building coverage of lot
WC Wetlands Conservancy District	Hiking, fishing, pasturing of livestock, wild crop harvesting, silviculture, and piers and docks	Construction of roads necessary to conduct silvicultural activities or agricultural cultivation, nonresidential buildings, parks and recreation areas, and utilities	N/A	N/A
OR Outdoor Recreation District	Public recreation	Single family dwellings, outdoor commercial recreation, and commercial riding stables	40,000 square feet	1,000 minimum for one story dwellings; 1,200 for multi-story dwellings (residential dwellings only) 20% maximum building coverage of lot

Note: This table is a summary and should not be used as a guide to answer zoning-related questions. Refer to the Town of Hartford zoning ordinance and map for specific zoning information.

^aCommunication towers and antennas exceeding 35 feet in height are allowed as conditional uses in all districts except the Residential and Rural Residential Districts and the Wetlands Conservancy District. Accessory energy systems are allowed as conditional uses in all districts except the Wetlands Conservancy District.

Source: Town of Hartford Zoning Ordinance, adopted in January 1999 and amended in March 2006, and SEWRPC.

an agreement specifying the unincorporated areas over which they will exercise their extraterritorial authorities (as was done in the Richfield boundary agreement). A city or village cannot exercise extraterritorial authority over another city or village.

An intergovernmental agreement between the City of Hartford and Village of Slinger was signed in 2003. The agreement has a term of 20 years and establishes future service boundaries between the City and Village to facilitate joint planning and intergovernmental cooperation. The agreement identifies a future long-term boundary between the two municipalities, which is shown on Map 3. Each municipality agreed not to oppose the other's annexation of lands that are within the respective municipality's long-term growth area. In those areas where the Village's extraterritorial plat review jurisdiction extends west of the "growth line" the Village will exercise its extraterritorial jurisdiction consistent with the City's future land use plan and in those areas where the City's extraterritorial jurisdiction extends east of the "growth line" the City will exercise its extraterritorial jurisdiction consistent with the Village's future land use plan. The agreement did not address extraterritorial zoning issues. Neither the City nor the Village exercises extraterritorial zoning in the Town.

In February 2003, the Village of Slinger initiated preparation of an extraterritorial zoning ordinance that included a portion of the Town of Hartford, as well as portions of the Towns of Addison, Polk, and West Bend. In February 2005, the affected Towns voted against continuing the process beyond the minimum two-year period specified in Section 62.23(7a) of the *Statutes*, and the process was terminated.

In April 2002, the City of Hartford initiated preparation of an extraterritorial zoning ordinance over portions of the Towns of Hartford, Addison, Erin, and Rubicon, which was terminated in April 2004 at the end of the mandatory two-year period specified in the *Statutes*. The City initiated a second extraterritorial zoning process affecting the Towns of Hartford and Addison in July 2006, which expired in July 2008. The Towns of Erin and Rubicon were not included in the second extraterritorial zoning process because they had entered into Intermunicipal Agreements with the City in 2004.

Land Division Regulations

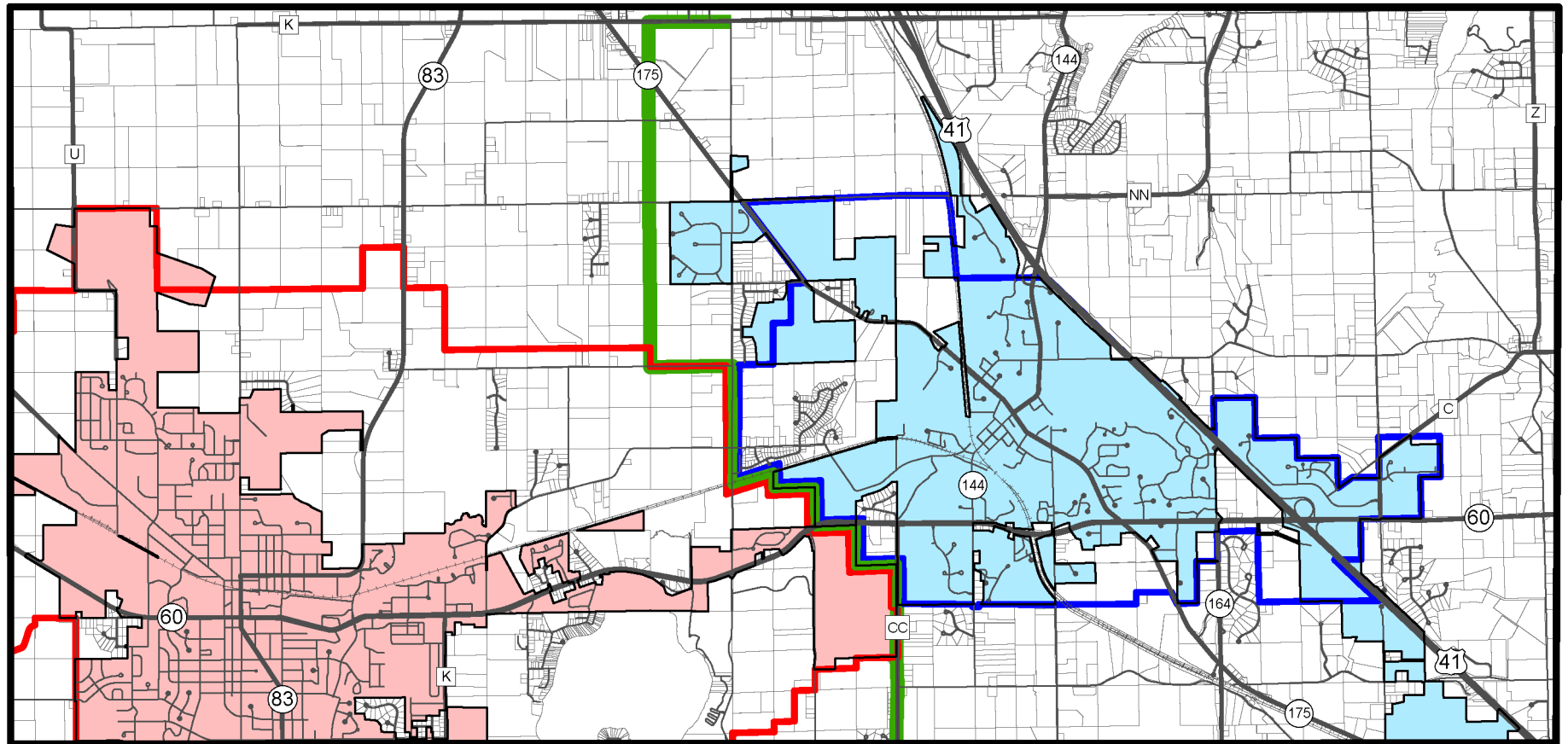
A land division ordinance is a public law that regulates the division of land into smaller parcels. Land division ordinances provide for appropriate public oversight of the creation of new parcels and help ensure that new development is appropriately located; lot size minimums specified in zoning ordinances are observed; street rights-of-way are appropriately dedicated or reserved; access to arterial streets and highways is limited in order to preserve the traffic-carrying capacity and safety of such facilities; adequate land for stormwater management, parks, drainageways, and other open spaces is appropriately located and preserved; street, block, and lot layouts are appropriate; and adequate public improvements are provided. Land division ordinances can be enacted by cities, villages, towns, and counties, with the latter's approval authority applying only in unincorporated (town) areas and limited objecting authority applying within cities and villages. Cities and villages also have extraterritorial plat approval jurisdiction over subdivisions proposed in town areas near their corporate boundaries.

Chapter 236 of the *Wisconsin Statutes* sets forth general requirements governing the subdivision of land, including, among others, surveying and monumenting requirements, necessary approvals, recording procedures, and requirements for amending or changing subdivision maps. The *Statutes* also grant authority to county and local governments to review subdivision maps, commonly referred to as plats, with respect to local plans and ordinances. Section 236.45 authorizes county and local governments to adopt their own land division ordinances, which may be more restrictive than State requirements. Washington County has adopted a County land division ordinance, which is summarized in Part 2 of this chapter.

The Town of Hartford adopted a land division ordinance in March 1986. The ordinance was most recently amended in May 1996. Under Chapter 236, local governments are required to review and take action on plats for subdivisions. Subdivisions are defined in the *Statutes* as "a division of a lot, parcel, or tract of land by the owner thereof or the owner's agent for purpose of sale or of building development, where the act of division creates five or more parcels or building sites of 1.5 acres each or less in area; or five or more parcels or building sites of 1.5

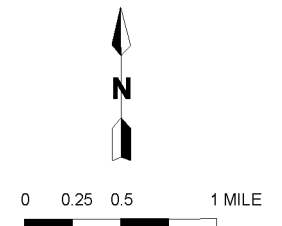
Map 3

LONG - TERM PLANNING AREA BOUNDARY BETWEEN THE CITY OF HARTFORD AND VILLAGE OF SLINGER



- CITY OF HARTFORD (PORTION)
- CITY OF HARTFORD PLANNED SANITARY SEWER SERVICE AREA BOUNDARY (PORTION)
- VILLAGE OF SLINGER (PORTION)
- VILLAGE OF SLINGER PLANNED SANITARY SEWER SERVICE AREA BOUNDARY (PORTION)
- PLANNING AREA BOUNDARY ESTABLISHED BY INTERGOVERNMENTAL AGREEMENT: JULY 2003

Source: City of Hartford, Village of Slinger, and SEWRPC.



acres each or less in area are created by successive divisions within a period of five years.” Local subdivision ordinances may be broader in scope and require review and approval of land divisions in addition to those meeting the statutory definition of a “subdivision,” which is the case in the Town.

The Town of Hartford land division ordinance applies to all lands within the Town. A subdivision is defined as a land division that creates five or more parcels or building sites of five acres each or less in area or where five or more parcels or building sites of five acres each or less created by successive divisions within a five-year period. All other divisions of land within the Town require Town Board approval of a certified survey map.

Extraterritorial Plat Authority

Under Section 236.10 of the *Statutes*, a city or village may review, and approve or reject, subdivision plats located within its extraterritorial area if the city or village has adopted a subdivision ordinance or an official map. Section 236.02 of the *Statutes* defines the extraterritorial plat review jurisdiction as the unincorporated area within three miles of the corporate limits of a city of the first, second, or third class, or within 1.5 miles of the corporate limits of a city of the fourth class or a village. In accordance with Section 66.0105 of the *Statutes*, in situations where the extraterritorial plat approval jurisdiction of two or more cities or villages would otherwise overlap, the extraterritorial jurisdiction between the municipalities is divided on a line, all points of which are equidistant from the boundaries of each municipality concerned, so that no more than one city or village exercises extraterritorial jurisdiction over any unincorporated area. The extraterritorial area changes whenever a city or village annexes land, unless the city or village has established a permanent extraterritorial area through a resolution of the common council or village board or through an agreement with a neighboring city or village. The Village of Slinger and City of Hartford have signed an agreement specifying portions of the Town of Hartford over which each municipality will exercise extraterritorial plat approval authority. The Village of Richfield has agreed not to exercise extraterritorial authority over the Town for 20 years following approval of its boundary agreement with the City of Hartford and the Towns of Erin and Hartford (signed in January 2007).

The City of Hartford Subdivision Ordinance (Chapter 12 of the City of Hartford Municipal Code) expressly applies to subdivisions within the City and those within the City’s extraterritorial area. Section 12.0706 of the City Ordinance requires all lots created in the extraterritorial plat review area to be at least 35 acres in size, unless they meet the following requirements of Section 12.0202:

“Land Divisions or Subdivisions in Extraterritorial Plat Approval Jurisdiction - The Plan Commission may recommend, and the Common Council may approve, the subdividing of lands in the extraterritorial plat approval jurisdiction into parcels less than 35 acres in size, based on the applicable criteria enumerated hereinafter. The City shall not consider any subdivision or land division, which did not have prior approval by the approving authorities for both the Town(s) and Washington or Dodge County. The City may require any conditions in the approval of a subdivision or land division, including the use of restrictive covenants and the creation of homeowner’s associations.

1. Criteria for Agricultural Land Division. City may grant approval of a land division subdividing portions of agricultural lands provided that the City shall determine that the proposed land division will assist and assure the continuation of the agricultural use.
2. Criteria for Nonagricultural Subdivision or Land Division. In the case of nonagricultural lands, the City may grant approval of a subdivision provided that the City shall determine that the proposed subdivision or land division complies with each of the following four criteria:
 - a. The proposed subdivision or land division shall be compatible with adjacent land uses and shall maintain the general land use pattern of the area in question.
 - b. The proposed subdivision or land division shall result in a development pattern which is compatible with surrounding developments and land uses. Measures of compatibility shall consider lot sizes, traffic generation, access, noise and visual features.

- c. The proposed subdivision or land division and the resulting development shall not adversely affect the City's ability to provide public services, install public improvements or accomplish future annexations. The City may consider annexation agreements with the property owner in order to comply with this requirement. The City may also consider whether the City and Town(s) have reached an agreement on necessary public improvements and public services facilities required to serve the development.
- d. The proposed subdivision or land division shall provide permanent open space lands for use by the general public in conformance with the City of Hartford adopted Parks and Open Space Plan or the City's other adopted Master Plan elements. The permanent open space lands shall be accessible and open for use by the general public. The open space lands shall be exclusive from, and in addition to, lands required for dedication to comply with applicable public parks and open space dedication requirements and shall be provided at a ratio of two acres of permanent open space lands for every one-acre of developed lands, including street rights of way. For the purpose of this provision, wetlands, flood plain lands, steep slopes, or other lands which are not developable because of sensitive environmental features shall not be counted as permanent open space lands in calculating the ratio of permanent open space lands provided versus developed lands. Steep slopes shall include lands that have grades of twenty percent (20%) or more."

The Village of Slinger Subdivision Ordinance (Chapter XXXII of the Village of Slinger Municipal Code) expressly applies to subdivisions within the Village and those within the Village's extraterritorial area. Section 7.06.E of the Village Ordinance requires all lots created in the extraterritorial plat review area to be at least 35 acres in size, unless they meet the following requirements of Section 7.06.E.3:

- 3. Approval of Lots, Parcels or Condominium Parcels Less Than 35 Acres in Size in the Village's Extraterritorial Plat Review Area. The Village Planning Commission may consider and recommend, and the Village Board may approve the creation of lots, parcels, or condominium ownership parcels less than 35 acres in size in the aforementioned area provided the Village finds that the following applicable criteria are met:
 - a. Prior Approval. The land division must be approved conceptually by the Town's Planning Commission before its submittal to the Village.
 - b. Public Entity Benefit. If applicable, the land division is created by or for a county, city, village, town, school district, or agency of the State, and is specifically for a public purpose.
 - c. Open Space Preservation. If applicable, the land division results in the preservation of permanent open space lands for public or for private use.
 - d. Agricultural Land Divisions. If applicable, the land division will assist and assure the continued agricultural use of the whole property.
 - e. Non-agricultural or Residential Subdivisions or Land Divisions.
 - 1) The created parcels are outside the Village's planned Sanitary Sewer Service Area.
 - 2) The resulting development would be compatible with the Village's Comprehensive Plan.
 - 3) The resulting development would be compatible with nearby land uses. Measures of compatibility include basic use, lot sizes, traffic generation, access, noise and visual appearance.
 - 4) The resulting development would not adversely affect the Village's ability to provide current or future public services, or install public improvements, or accomplish future annexations. The Village may consider annexation agreements with property owner(s) to meet this criteria.
 - 5) If commercial, industrial or institutional use is proposed, the land division would allow infill between or adjacent to already existing commercial, industrial or institutional use(s).
 - 6) If mineral extraction is proposed, the land division would meet criteria described in the Village's Comprehensive Plan Report.
 - f. Possible Conditions. The Village may require conditions in conjunction with its approval authority as described herein.

Official Mapping Ordinances

Section 62.23(6) of the *Wisconsin Statutes* allows the Common Council of any City to establish an official map for the precise identification of right-of-way lines and boundaries of streets, highways, waterways,⁶ and parkways and the location and extent of railroad rights-of-way, public transit facilities, parks, and playgrounds. An official map is intended to be used as a precise planning tool for implementing master and comprehensive plans and for insuring the availability of land for the above features.

Section 61.35 of the *Statutes* applies the authority provided cities under Section 62.23 to develop an official map to villages. A town may prepare and adopt an official map if it has adopted village powers. The clerk of any local government that adopts an official map by ordinance or resolution must record a certificate showing that the local government has established an official map with the Washington County register of deeds.

One of the basic purposes of the official map is to discourage the construction of structures and their associated improvements on land that has been designated for future public use. Local government subdivision ordinances can also require land shown on the official map to be dedicated for street, park, or other public use at the time land is subdivided. The official map is a plan implementation device that operates on a communitywide basis in advance of land development and can thereby effectively assure the integrated development of the street and highway system, and unlike subdivision control, which operates on a plat-by-plat basis, the official map can operate over the entire community in advance of development proposals. The official map is a useful device to achieve public acceptance of long-range plans in that it serves legal notice of the government's intention well in advance of any actual improvements.

The Town of Hartford has not adopted an official map.⁷

⁶*Waterways may be placed on the map only if included within a comprehensive surface water drainage plan.*

⁷*An official map under Section 62.23(6) of the Statutes is not the same as a zoning map, which is often mistakenly referred to as an "official map."*

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Chapter III

POPULATION, HOUSEHOLD, AND EMPLOYMENT TRENDS AND PROJECTIONS

PART 1: EXISTING POPULATION, HOUSEHOLD, AND EMPLOYMENT LEVELS

Information on the size, characteristics, and distribution of population, household, and employment levels in Washington County and in the Town of Hartford assists in preparing projections that will anticipate changes in these factors over time, which is essential to the comprehensive planning process. Many of the planning recommendations set forth in the following chapters of this report are directly related to the existing and probable future population, household, and employment levels in the Town. Part 1 of this chapter provides information on existing and historical population, household, and employment levels. Population and household projections for the year 2035, which were used to design the plan presented later in this report, are presented in Part 2 of this chapter. Employment projections are presented in Chapter X.

Much of the historical demographic data in this chapter is from the U. S. Bureau of the Census. Census data are collected every ten years and are derived from both short and long form questionnaires. The short form is sent to every household and provides a complete count of all persons, and certain selected characteristics of all persons, living in the United States. Data tabulations derived from the short form are referenced as Summary File 1 Data. The long form is sent to one of every six households. Data tabulations derived from the long form are referenced as Summary File 3 Data. Data from Summary File 1 are more reliable than data from Summary File 3, due to sampling-related errors present in the Summary File 3 tabulations; however, Summary File 3 includes a wider range of population, housing, and income characteristics and, in some cases, is the only source available for certain information. If available, Summary File 1 data were used to prepare this chapter. Data relating to education, housing, and income are from Summary File 3.

POPULATION

Population Trends

Washington County has experienced an increase in population in each decade since 1890. Between 1940 and 1980 the County experienced a rapid rate of increase in population, followed by a growth rate of about 12 percent between 1980 and 1990 and by about 23 percent between 1990 and 2000. The County had 117,496 residents in 2000. The County population is expected to increase to 157,265 persons, an increase of about 34 percent, between 2000 and 2035.

Population changes in Washington County communities between 1980 and 2000, and 2005 population estimates from the Wisconsin Department of Administration (DOA), are set forth in Table 2. Between 1990 and 2000,

Table 2

POPULATION TRENDS IN WASHINGTON COUNTY COMMUNITIES: 1980-2005

Community	Year				Change 1990-2000	
	1980	1990	2000	2005 ^a	Number	Percent
Towns						
Addison	2,834	3,051	3,341	3,546	290	9.5
Barton.....	2,493	2,586	2,546	2,616	-40	-1.5
Erin.....	2,455	2,817	3,664	3,879	847	30.1
Farmington	2,386	2,523	3,239	3,497	716	28.4
Germantown.....	267	258	278	269	20	7.8
Hartford	3,269	3,243	4,031	4,016	788	24.3
Jackson	3,180	3,172	3,516	3,767	344	10.8
Kewaskum.....	1,243	1,139	1,119	1,141	-20	-1.8
Polk	3,486	3,540	3,938	3,988	398	11.2
Richfield	8,390	8,993	10,373	11,336	1,380	15.3
Trenton	3,914	3,967	4,440	4,677	473	11.9
Wayne	1,471	1,374	1,727	1,932	353	25.7
West Bend.....	3,588	4,165	4,834	4,856	669	16.1
Villages						
Germantown.....	10,729	13,658	18,260	19,189	4,602	33.7
Jackson	1,817	2,486	4,938	5,884	2,452	98.6
Kewaskum.....	2,381	2,514	3,277	3,689	763	30.4
Newburg ^b	783	958	1,119	1,162	161	16.8
Slinger.....	1,612	2,340	3,901	4,243	1,561	66.7
Cities						
Hartford ^c	7,159	8,188	10,905	12,728	2,717	33.2
West Bend.....	21,484	24,470	28,152	29,612	3,682	15.0
Washington County ^d	84,848	95,328	117,496	125,940	22,168	23.2

^aThe 2005 population levels are estimates by the Wisconsin Department of Administration. All other years are from the U.S. Census.

^bIncludes that portion of the Village of Newburg located in Ozaukee County. There were 92 Newburg residents in Ozaukee County in 2000.

^cIncludes that portion of the City of Hartford located in Dodge County. There were 10 Hartford residents in Dodge County in 2000.

^dIncludes Washington County only.

Source: U.S. Bureau of the Census, Wisconsin Department of Administration, and SEWRPC.

about 29 percent of the County's population growth occurred in cities, about 28 percent occurred in towns, and about 43 percent occurred in villages. In 2000, about 33 percent of the County's population lived in cities, about 40 percent lived in towns, and about 27 percent lived in villages.

The Town of Erin experienced the largest percentage increase in population, about 30 percent, of the 13 towns in the County between 1990 and 2000. Also between 1990 and 2000, the Towns of Farmington and Wayne experienced percentage population increases ranging between 25 and 30 percent while the Town of Hartford experienced an increase of about 24 percent. The Town of Richfield experienced the largest gain in the number of new residents; increasing by 1,380 persons, or about a 15 percent increase.

Historical population levels in the Town of Hartford from 1860 to 2000 are set forth in Table 3. The Town's population declined from 2,510 residents in 1860 to 1,222 in 1930; including a decrease between 1870 and 1880 attributable to the incorporation of the Village of Hartford in 1871 (the Village of Hartford became the City of Hartford in 1883). The Town's population increased in each of the decades between 1930 and 1980, reaching a level of 3,269 residents in 1980, including an increase of 901 residents, or about 38 percent between 1970 and

Table 3
HISTORIC POPULATION LEVELS IN THE
TOWN OF HARTFORD 1860-2000

Year	Population	Change From Preceding Census	
		Number	Percent
1860	2,510	--	--
1870	2,685	175	7.0
1880	1,398	-1,287	-47.9
1890	1,339	-59	-4.2
1900	1,354	15	1.1
1910	1,278	-76	-5.6
1920	1,231	-47	-3.7
1930	1,222	-9	-0.7
1940	1,239	17	1.3
1950	1,429	190	15.3
1960	1,870	441	30.8
1970	2,368	498	26.6
1980	3,269	901	38.0
1990	3,243	-26	-0.8
2000	4,031	788	24.3

Source: U.S. Bureau of the Census and SEWRPC.

the Town of Hartford in 2000, children less than five years old numbered 239, or about 6 percent of the Town population, while children in the age group five through 19, inclusive, numbered 986, or about 24 percent of the population. Adults in the age group 20 through 64, inclusive, numbered 2,468, or about 61 percent of the Town population, and persons age 65 and older numbered 338, or about 8 percent of the population. The percentage distribution of the population by age group in the Town was lower than that in the County as a whole for the under five and the 65 and older age groups. Conversely, the percentage distribution of the population by age in the Town was greater for the five through 19 and the 20 to 64 age groups than that in the County as a whole. The median age in the Town of Hartford in 2000 was 38 years, compared to a median age of 37 years in the County.

Racial Composition

Racial composition in the Town of Hartford and in Washington County is set forth in Table 5. The Town has a relatively homogeneous population. About 99 percent of the population, or 3,986 of the total 4,031 residents in 2000, were white. The percentage of whites in the Town was about equal to that in the County in 2000, but was higher than in the Region, where about 79 percent of the residents were white, and in the State of Wisconsin, where about 89 percent of the residents were white.

Educational Attainment

The level of educational attainment is one indicator of earning potential, which, in turn, influences such important choices as location, type, and size of housing. Educational attainment is also an indicator of the type of occupations the County workforce is most suited to fill. This information is useful for formulating strategies to retain and expand existing businesses in the County and to attract new businesses to the County over the planning period.

The educational attainment of residents at least 25 years of age for the County and each local government in 2000 is set forth in Table 6. In 2000, nearly 89 percent of County residents, and about 91 percent of Town of Hartford residents, at least 25 years of age, had attained a high school or higher level of education. These levels are higher

1980. The population declined by 26 residents during the following decade before increasing by about 24 percent to a level of 4,031 residents, between 1990 and 2000. The 2005 DOA population estimate for the Town is 4,016, a decrease of 15 residents from 2000.¹

Age Distribution

The age distribution of the population has important implications for planning and for the formation of public policies in the areas of education, health, housing, transportation, and economic development. In 2000, about 29 percent of the County population was under the age of 20; about 60 percent was between the ages of 20 and 64; and about 11 percent was age 65 and older. Over the planning period, the number and percentage of County residents in the age 65 and older category is expected to increase dramatically in both numbers (an increase of 25,113 persons) and percentage of the population (an increase to about 24 percent of the County's population).

Age distribution in the Town of Hartford and in Washington County in 2000 is set forth in Table 4. In

¹The January 1, 2007 DOA population estimate for the Town of Hartford was 4,011 residents.

Table 4**POPULATION BY AGE GROUP AND MEDIAN AGE IN THE TOWN OF HARTFORD AND WASHINGTON COUNTY: 2000**

Age Group	Town of Hartford		Washington County	
	Number	Percent	Number	Percent
Under 5	239	5.9	7,970	6.8
5 through 19	986	24.5	26,146	22.3
20 through 64	2,468	61.2	70,165	59.7
65 and Older	338	8.4	13,212	11.2
Total	4,031	100.0	117,493	100.0
Median Age	37.5	--	36.6	--

Source: U. S. Bureau of the Census and SEWRPC.

Table 5**RACIAL COMPOSITION OF RESIDENTS IN THE TOWN OF HARTFORD AND WASHINGTON COUNTY: 2000**

Race ^a	Town of Hartford		Washington County	
	Number	Percent	Number	Percent
White Alone	3,986	98.9	114,781	97.7
Black or African American Alone	8	0.2	465	0.4
American Indian and Alaska Native Alone	4	0.1	296	0.3
Asian Alone	15	0.4	674	0.6
Native Hawaiian and Other Pacific Islander Alone	--	--	35	-- ^b
Some Other Race Alone	6	0.1	474	0.4
Two Or More Races	12	0.3	771	0.6
Total	4,031	100.0	117,496	100.0

^aThe Federal government does not consider Hispanic origin to be a race, but rather an ethnic group.

^bLess than 0.05 percent.

Source: U. S. Bureau of the Census and SEWRPC.

than the educational attainment of the overall population of the seven-county Southeastern Wisconsin Region, where 84 percent of the population 25 years of age and older had attained this level of education as of 2000.

As further shown in Table 6, nearly 54 percent of the population 25 years of age and older in Washington County, and nearly 55 percent of Town of Hartford residents age 25 and older, had attended some college or earned either an associate, bachelor, or graduate degree, compared to about 54 percent of Region residents. This level of education suggests that residents of the Town, and the County as a whole, are well suited for skilled employment such as management, professional, business, and financial occupations and skilled and high tech production positions. This factor is examined in greater detail in the Economic Development Element of this report (Chapter X).

HOUSEHOLDS

Household Trends

The number of households, or occupied housing units, is important to land use and public facility planning. Households directly influence the demand for urban land as well as the demand for transportation and other public facilities and services, such as public sewer, water, and parks. A household includes all persons who occupy a housing unit, which is defined by the Census Bureau as a house, apartment, mobile home, a group of rooms, or a single room that is occupied, or intended to be occupied, as separate living quarters.

The number of households and the average household size in Washington County and in each local government for 1980, 1990, and 2000 are set forth in Table 7. There were 43,842 households in Washington County in 2000, with an average household size of 2.65 persons, compared to an average household size of 2.52 persons in the Region. There were 1,397 households in the Town of Hartford, with an average household size of 2.88 persons. The average household size (the number of people living in each housing unit) is generally higher in areas where the predominant type of housing is single-family homes, as is the case in the Town of Hartford, rather than in areas with a mix of single-family and multi-family housing.

As further shown in Table 7, the number of households has, with few exceptions, increased in each local government and in the County in each decade. While the number of households has generally increased, the average number of persons per household has decreased in each local government and in the County between 1980 and 1990 and between 1990 and 2000. This trend has occurred throughout Wisconsin, and reflects the fact that family sizes (average number of children per family) have decreased and that unmarried persons have increasingly tended to establish their own households rather than to live with family.

Table 6

**EDUCATIONAL ATTAINMENT OF PERSONS 25 YEARS OF AGE
AND OLDER IN WASHINGTON COUNTY COMMUNITIES: 2000**

Community	Less Than 9 th Grade		9 th to 12 th Grade No Diploma		High School Graduate	
	Persons	Percent of Total	Persons	Percent of Total	Persons	Percent of Total
Towns						
Addison.....	152	7.1	158	7.4	841	39.4
Barton	61	3.6	158	9.3	619	36.6
Erin	40	1.6	114	4.5	892	35.4
Farmington.....	109	5.1	148	6.9	926	43.3
Germantown	2	1.1	12	6.4	58	30.9
Hartford.....	104	4.0	128	4.9	961	36.6
Jackson	130	5.3	97	3.9	852	34.5
Kewaskum	63	8.1	50	6.4	343	43.9
Polk.....	30	1.2	123	5.0	1,000	40.2
Richfield.....	112	1.6	435	6.2	2,397	34.4
Trenton	176	5.9	246	8.3	1,195	40.1
Wayne	63	5.5	84	7.3	513	44.9
West Bend	180	5.2	244	7.0	956	27.4
Villages						
Germantown	301	2.5	714	5.8	3,515	28.8
Jackson	57	1.8	257	8.1	1,087	34.4
Kewaskum	154	7.5	173	8.4	848	41.4
Newburg ^a	25	3.6	51	7.3	269	38.6
Slinger	165	6.0	121	4.4	1,247	45.7
Cities						
Hartford ^b	473	6.8	566	8.1	2,559	36.7
West Bend	990	5.4	1,481	8.1	6,252	34.1
Washington County ^c	3,382	4.4	5,356	6.9	27,308	35.1

Community	Some College or Associates Degree		Bachelor or Graduate Degree		Total Persons Age 25 and Older	
	Persons	Percent of Total	Persons	Percent of Total	Persons	Percent of Total
Towns						
Addison.....	771	36.0	217	10.1	2,139	100.0
Barton	598	35.4	256	15.1	1,692	100.0
Erin	738	29.2	739	29.3	2,523	100.0
Farmington.....	629	29.4	328	15.3	2,140	100.0
Germantown	55	29.2	61	32.4	188	100.0
Hartford.....	1,031	39.3	399	15.2	2,623	100.0
Jackson	811	32.9	578	23.4	2,468	100.0
Kewaskum	222	28.5	103	13.1	781	100.0
Polk.....	772	31.0	562	22.6	2,487	100.0
Richfield.....	2,300	33.0	1,734	24.8	6,978	100.0
Trenton	804	27.0	558	18.7	2,979	100.0
Wayne	324	28.4	159	13.9	1,143	100.0
West Bend	1,102	31.5	1,011	28.9	3,493	100.0
Villages						
Germantown	4,081	33.5	3,585	29.4	12,196	100.0
Jackson	1,029	32.6	731	23.1	3,161	100.0
Kewaskum	558	27.2	315	15.5	2,048	100.0
Newburg ^a	244	35.1	107	15.4	696	100.0
Slinger	683	25.0	516	18.9	2,732	100.0
Cities						
Hartford ^b	2,306	33.0	1,077	15.4	6,981	100.0
West Bend	5,574	30.4	4,023	22.0	18,320	100.0
Washington County ^c	24,606	31.7	17,057	21.9	77,709	100.0

^aIncludes that portion of the Village of Newburg located in Ozaukee County.

^bIncludes that portion of the City of Hartford located in Dodge County.

^cIncludes Washington County only.

Source: U. S. Bureau of the Census and SEWRPC.

Table 7

**NUMBER OF HOUSEHOLDS AND AVERAGE HOUSEHOLD
SIZE FOR WASHINGTON COUNTY COMMUNITIES: 1980-2000**

Community	1980			1990			2000		
	Number of Households	Percent of County Households	Average Household Size	Number of Households	Percent of County Households	Average Household Size	Number of Households	Percent of County Households	Average Household Size
Towns									
Addison.....	796	3.0	3.56	943	2.9	3.22	1,149	2.6	2.90
Barton.....	703	2.6	3.55	821	2.5	3.21	896	2.0	2.84
Erin.....	718	2.7	3.39	911	2.8	3.07	1,287	2.9	2.83
Farmington.....	677	2.5	3.52	789	2.4	3.20	1,116	2.5	2.90
Germantown.....	75	0.3	3.56	81	0.3	3.19	89	0.2	3.12
Hartford.....	988	3.3	3.31	1,105	3.3	2.93	1,397	3.2	2.88
Jackson.....	915	2.5	3.48	995	3.0	3.19	1,201	2.7	2.93
Kewaskum.....	366	1.4	3.40	356	1.0	3.19	394	0.9	2.84
Polk.....	1,057	4.0	3.28	1,136	3.4	3.10	1,352	3.1	2.89
Richfield.....	2,384	8.9	3.52	2,839	8.6	3.17	3,614	8.2	2.87
Trenton.....	1,112	4.2	3.52	1,236	3.7	3.25	1,520	3.5	2.91
Wayne.....	409	1.5	3.60	418	1.3	3.29	582	1.3	2.97
West Bend.....	1,033	3.9	3.10	1,629	5.0	2.56	1,611	3.7	2.74
Villages									
Germantown.....	3,428	3.1	3.13	4,931	15.0	2.77	6,904	15.8	2.63
Jackson.....	672	2.7	2.70	953	2.9	2.60	1,949	4.4	2.53
Kewaskum.....	787	2.9	3.00	925	2.8	2.72	1,212	2.8	2.64
Newburg ^a	226	0.8	3.04	290	0.9	2.94	398	0.8	2.80
Slinger.....	526	2.0	3.05	882	2.7	2.62	1,562	3.6	2.46
Cities									
Hartford ^b	2,550	9.5	2.75	3,051	9.2	2.64	4,279	9.8	2.51
West Bend.....	7,293	2.9	2.90	8,686	26.3	2.71	11,375	26.0	2.44
Washington County ^c	26,715	100.0	3.14	32,977	100.0	2.86	43,842	100.0	2.65

^aIncludes that portion of the Village of Newburg located in Ozaukee County. There were 226 households in Washington County in 1980, 290 households in 1990, and 356 households in 2000.

^bIncludes that portion of the City of Hartford located in Dodge County. There were 2,550 households in Washington County in 1980, 3,051 households in 1990, and 4,276 households in 2000.

^cIncludes Washington County only.

Source: U. S. Bureau of the Census and SEWRPC.

Household Income²

The 1999 annual household incomes in Washington County and in each local government are set forth in Table 8. The 1999 annual median income of all households in the County was \$57,033. The annual median household income in the Town of Hartford in 1999 was \$69,896, which was \$12,863, or about 23 percent, higher than the 1999 annual median household income in the County. Overall, median incomes tended to be higher in the towns than in the cities and villages. This reflects the likelihood that persons with more modest or limited incomes would live in cities and villages, which tend to have a greater range of housing choices.

²Households include persons who live alone; unrelated persons who live together, such as college roommates; and families. Persons not living in households are classified as living in group quarters, such as hospitals for the chronically ill, homes for the aged, correctional institutions, and college dormitories.

Table 8

ANNUAL HOUSEHOLD INCOME IN WASHINGTON COUNTY COMMUNITIES: 1999

Community	Household Income Less than \$15,000		Household Income \$15,000 to \$24,999		Household Income \$25,000 to \$34,999		Household Income \$35,000 to \$49,999		Household Income \$50,000 to \$74,999	
	Households	Percent of Total	Households	Percent of Total	Households	Percent of Total	Households	Percent of Total	Households	Percent of Total
Towns										
Addison	71	6.2	95	8.3	136	11.8	143	12.5	351	30.6
Barton	26	2.9	46	5.2	50	5.6	167	18.7	248	27.8
Erin	62	4.7	45	3.4	65	4.9	182	13.8	305	23.2
Farmington	49	4.5	44	4.1	58	5.4	164	15.2	431	39.9
Germantown	4	4.2	4	4.2	5	5.2	8	8.3	27	28.1
Hartford	31	2.2	96	7.0	138	10.0	149	10.8	345	25.1
Jackson	23	1.9	58	4.9	143	12.1	181	15.3	346	29.2
Kewaskum	38	9.1	28	6.7	39	9.3	65	15.6	119	28.5
Polk	26	2.0	45	3.5	51	3.9	235	18.2	358	27.7
Richfield	94	2.6	169	4.7	211	5.8	452	12.5	953	26.3
Trenton	67	4.3	106	6.8	112	7.2	215	13.8	479	30.7
Wayne	24	4.1	15	2.6	66	11.3	94	16.1	195	33.4
West Bend	67	4.1	86	5.3	125	7.7	176	10.8	378	23.3
Villages										
Germantown	376	5.4	478	6.9	737	10.6	1,128	16.3	1,769	25.5
Jackson	159	8.2	146	7.5	166	8.6	406	20.9	656	33.8
Kewaskum	92	7.7	110	9.3	153	12.9	241	20.3	320	26.9
Newburg ^a	29	7.2	33	8.2	33	8.2	78	19.4	112	27.8
Slinger	178	10.9	156	9.5	236	14.4	345	21.1	406	24.8
Cities										
Hartford ^b	517	12.0	456	10.6	562	13.1	756	17.6	1,291	30.1
West Bend	965	8.5	1,285	11.3	1,556	13.7	2,121	18.7	3,173	27.9
Washington County ^c	2,893	6.6	3,494	8.0	4,642	10.6	7,298	16.6	12,255	27.9

Community	Household Income \$75,000 to \$99,999		Household Income \$100,000 to \$149,000		Household Income \$150,000 to \$199,999		Household Income \$200,000 or More		Median Household Income
	Households	Percent of Total	Households	Percent of Total	Households	Percent of Total	Households	Percent of Total	
Towns									
Addison	223	19.4	104	9.1	18	1.6	7	0.5	\$56,875
Barton	212	23.8	127	14.2	0	0.0	16	1.8	64,861
Erin	325	24.7	231	17.6	66	5.0	34	2.7	74,875
Farmington	180	16.7	105	9.7	25	2.3	24	2.2	61,677
Germantown	19	19.8	14	14.6	12	12.5	3	3.1	75,000
Hartford	325	23.7	199	14.5	71	5.2	20	1.5	69,896
Jackson	217	18.3	182	15.3	20	1.7	16	1.3	64,070
Kewaskum	75	17.9	43	10.3	7	1.7	4	0.9	59,500
Polk	253	19.6	214	16.6	69	5.3	42	3.2	62,933
Richfield	788	21.8	676	18.7	118	3.3	155	4.3	72,809
Trenton	229	14.7	307	19.7	35	2.2	11	0.6	66,213
Wayne	128	22.0	52	8.9	6	1.0	3	0.5	61,033
West Bend	253	15.6	313	19.3	121	7.4	105	6.5	73,333
Villages									
Germantown	1,305	18.8	949	13.7	128	1.9	59	0.9	\$60,742
Jackson	216	11.1	133	6.9	44	2.3	14	0.7	53,990
Kewaskum	175	14.7	69	5.8	16	1.3	13	1.1	49,861
Newburg ^a	78	19.3	29	7.2	8	12.0	3	0.7	57,024
Slinger	166	10.1	128	7.8	16	1.0	7	0.4	47,125
Cities									
Hartford ^b	415	9.7	194	4.5	27	0.6	79	1.8	\$46,553
West Bend	1,241	10.9	758	6.7	126	1.1	141	1.2	48,315
Washington County ^c	6,819	15.5	4,823	11.0	930	2.1	756	1.7	\$57,033

^aIncludes that portion of the Village of Newburg located in Ozaukee County.

^bIncludes that portion of the City of Hartford located in Dodge County.

^cIncludes Washington County only.

Source: U. S. Bureau of the Census and SEWRPC.

Although there is great economic prosperity in the County, a number of households have experienced annual incomes below the poverty level. In 1999, there were 1,628 households in the County with an annual income below the poverty level.³ There were 12 households in the Town of Hartford living below the poverty level in 1999, or less than 1 percent of all Town households.

Household Size

In addition to determining the number of additional housing units needed over the planning period, household size can be used to determine the type and size of housing which will best meet the needs of Washington County and local government residents. Table 9 sets forth the number of households in each household size category, ranging from one person households to households containing seven or more members, in the County and in each local government. Two-person households were the most common type of households in the Town of Hartford and in the County overall in 2000. About 33.6 percent of all households in the Town were in the two-person household category, followed, respectively, by four-person households at about 20.0 percent and by three-person households at about 19.0 percent. Household size information coupled with household income and housing affordability information provided the basis for the housing recommendations set forth in the Housing Element chapter of this report.

EMPLOYMENT

Employment and Occupational Characteristics

There were 2,510 Town of Hartford residents age 16 and older in the labor force in 2000. Of that number, 2,462 were employed and 48 were unemployed at the time the Census was taken. About 82 percent of Town residents age 16 years and over were in the labor force, compared to about 74 percent in the County, 68 percent in the Region, and about 69 percent in the State.

The occupations of employed Town of Hartford residents are set forth in Table 10. The occupational breakdown by percentage of employed Town residents was similar to that of the County. The largest percentage of Town workers, about 29 percent, was employed in management, professional, and related occupations. Ranking a close second were sales and office occupations, which also employed about 29 percent of Town workers. Management, professional, and related occupations accounted for 729 employed Town residents compared to 701 Town residents employed in sales and office occupations. About 22 percent of Town workers were employed in production, transportation, and material moving occupations, which ranked third among both Town and County employed residents.

Place of Work

As shown in Table 11, approximately 58 percent of Town of Hartford workers were employed in Washington County in 2000. An additional 19 percent of Town of Hartford workers were employed in Milwaukee County and nearly 14 percent of Town workers commuted to Waukesha County to work. A higher percentage of Town of Hartford workers were employed in Dodge County than was the case for County workers as a whole (about 3 percent for Town workers compared to 1 percent for County workers) which is not unexpected given the Town's immediate proximity to Dodge County.

³Multiple thresholds exist to determine if a household is under the poverty level. An example of the types of variables used to determine poverty thresholds include: age of householder, age of family members, number of family members, and number of children present in a household related to the householder. In 1999, poverty threshold levels varied from an annual household income of \$8,501 for a household with one householder under the age of 65 to an annual income of \$37,076 for a household with nine or more people, one of which is a child under the age of 18 related to the householder.

Table 9

HOUSEHOLD SIZE BY CATEGORY IN WASHINGTON COUNTY COMMUNITIES: 2000

Community	1-person Households		2-person Households		3-person Households		4-person Households	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Towns								
Addison.....	167	14.5	391	34.0	194	16.9	246	21.4
Barton	120	13.4	325	36.3	177	19.8	170	19.0
Erin	149	11.6	521	40.5	232	18.0	239	18.6
Farmington.....	127	11.4	426	38.2	181	16.2	244	21.9
Germantown	10	11.2	24	27.0	16	18.0	27	30.3
Hartford.....	202	14.4	470	33.6	265	19.0	279	20.0
Jackson.....	156	13.0	405	33.7	231	19.2	250	20.8
Kewaskum	58	14.7	145	36.8	65	16.5	81	20.6
Polk.....	170	12.6	515	38.1	228	16.9	251	18.5
Richfield	397	11.0	1,385	38.3	657	18.2	769	21.3
Trenton	180	11.9	546	35.9	292	19.2	305	20.1
Wayne.....	63	10.8	215	36.9	101	17.3	129	22.2
West Bend	257	15.9	618	38.4	248	15.4	312	19.4
Villages								
Germantown	1,411	20.4	2,416	35.0	1,239	18.0	1,209	17.5
Jackson.....	447	22.9	706	36.2	324	16.6	329	16.9
Kewaskum	256	21.1	425	35.1	199	16.4	206	17.0
Newburg ^a	74	18.6	125	31.4	81	20.4	67	16.8
Slinger.....	417	26.7	536	34.3	263	16.8	203	13.0
Cities								
Hartford ^b	1,123	26.2	1,416	33.1	694	16.2	651	15.2
West Bend	3,132	27.5	3,948	34.7	1,743	15.3	1,608	14.1
Washington County ^c	8,903	20.3	15,539	35.5	7,425	16.9	7,570	17.3

Community	5-person Households		6-person Households		7-or-more-person Households		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Towns								
Addison.....	105	9.1	34	3.0	12	1.1	1,149	100.0
Barton	76	8.5	23	2.6	5	0.5	896	100.0
Erin	103	8.0	29	2.2	14	1.1	1,287	100.0
Farmington.....	102	9.1	28	2.5	8	0.7	1,116	100.0
Germantown	10	11.2	0	0.0	2	2.3	89	100.0
Hartford.....	128	9.2	43	3.1	10	0.7	1,397	100.0
Jackson.....	108	9.0	44	3.7	7	0.6	1,201	100.0
Kewaskum	27	6.8	13	3.3	5	1.3	394	100.0
Polk.....	137	10.1	28	2.1	23	1.7	1,352	100.0
Richfield	305	8.4	83	2.3	18	0.5	3,614	100.0
Trenton	148	9.7	37	2.4	12	0.8	1,520	100.0
Wayne.....	45	7.8	21	3.6	8	1.4	582	100.0
West Bend	139	8.6	30	1.9	7	0.4	1,611	100.0
Villages								
Germantown	475	6.9	119	1.7	35	0.5	6,904	100.0
Jackson.....	101	5.2	29	1.5	13	0.7	1,949	100.0
Kewaskum	94	7.7	25	2.1	7	0.6	1,212	100.0
Newburg ^a	34	8.5	10	2.5	7	1.8	398	100.0
Slinger.....	112	7.2	23	1.5	8	0.5	1,562	100.0
Cities								
Hartford ^b	293	6.9	77	1.8	25	0.6	4,279	100.0
West Bend	689	6.1	199	1.8	56	0.5	11,375	100.0
Washington County ^c	3,229	7.4	894	2.0	282	0.6	43,842	100.0

^aIncludes that portion of the Village of Newburg located in Ozaukee County. There are 356 households located in Washington County.

^bIncludes that portion of the City of Hartford located in Dodge County. There are 4,276 households located in Washington County.

^cIncludes Washington County only.

Source: U. S. Bureau of the Census and SEWRPC.

Table 10

**EMPLOYED PERSONS 16 YEARS OF AGE AND OLDER BY OCCUPATION
IN THE TOWN OF HARTFORD AND WASHINGTON COUNTY: 2000**

Occupation	Town of Hartford		Washington County	
	Number	Percent of Total	Number	Percent of Total
Management, Professional, and Related Occupations				
Farmers and Farm Managers	58	2.4	521	0.8
Other Management, Business, and Financial Operations	267	10.8	8,340	12.9
Professional and Related	396	16.1	11,944	18.5
Subtotal	721	29.3	20,805	32.2
Service Occupations				
Healthcare Support.....	41	1.7	1,063	1.7
Protective Service.....	0	0.0	594	0.9
Food Preparation and Serving Related.....	73	3.0	2,646	4.1
Building and Grounds Cleaning and Maintenance	47	1.9	1,561	2.4
Personal Care and Service	25	1.0	1,380	2.1
Subtotal	186	7.6	7,244	11.2
Sales and Office Occupations				
Sales and Related	173	7.0	6,577	10.2
Office and Administrative Support	528	21.5	9,671	14.9
Subtotal	701	28.5	16,248	25.1
Farming, ^a Fishing, and Forestry Occupations	32	1.3	353	0.5
Construction, Extraction, and Maintenance Occupations				
Construction and Extraction.....	149	6.0	3,542	5.5
Installation, Maintenance, and Repair.....	125	5.1	2,926	4.5
Subtotal	274	11.1	6,468	10.0
Production, Transportation, and Material Moving Occupations				
Production	409	16.6	10,174	15.7
Transportation and Material Moving	139	5.6	3,395	5.3
Subtotal	548	22.2	13,569	21.0
Total	2,462	100.0	64,687	100.0

^aIncludes farm labor contractors, agricultural inspectors, animal breeders, graders and sorters, agricultural equipment operators, and farmworkers and laborers (including crop, nursery, greenhouse, and farm/ranch workers). Farmers and farm managers are included under the "management, professional, and related" occupations.

Source: U.S. Bureau of the Census and SEWRPC.

Total Employment Levels⁴

The previous two sections provided information on the employment characteristics of Town of Hartford residents. Total employment in the County, that is, the number of jobs located within Washington County, stood at about 61,700 jobs in 2000, compared to about 46,100 jobs in 1990. About 995 jobs were located within the Town of Hartford in 2000.

Employment by Industry

Information regarding employment levels by industry group provides valuable insight into the structure of the economy of an area and into changes in that structure over time. This section presents current (2000) and historical employment levels for general industry groups in Washington County (this information is not available at the Town level). With the exception of government employment, the industry-related employment data presented in this section are based on the Standard Industrial Classification (SIC) system (see Figure 1 for major SIC categories). Government employment includes all employees who work for government agencies and enterprises, regardless of the SIC code of such entities.

⁴Information on jobs located in Washington County is derived from the U. S. Bureau of Economic Analysis, which compiles its data largely from information collected under State Unemployment Insurance programs.

Current and historical job levels by general industry group for Washington County and the Region are set forth in Table 12. The 1990s saw a continuation of a shift in the regional economy from manufacturing to service jobs. Manufacturing employment in the Region was virtually unchanged during the 1990s, following a 15 percent decrease during the 1980s, and a modest 4 percent increase during the 1970s. Conversely, service-related employment has increased substantially during each of the past three decades—by 33 percent during the 1990s, by 41 percent during the 1980s, and by 53 percent during 1970s. Due to these differential growth rates, the proportion of manufacturing jobs relative to total jobs in the Region has decreased from 32 percent in 1970 to 18 percent in 2000, while service-related employment increased from 18 percent in 1970 to 33 percent in 2000. In comparison to the manufacturing and service industry groups, other major industry groups—such as wholesale trade; retail trade; government; and finance, insurance, and real estate—have been relatively stable in terms of their share of total employment in the Region over the last three decades. Regional agricultural jobs have decreased by over 50 percent between 1970 and 2000, the only regional industry group other than manufacturing to lose jobs.

Unlike the Region and the rest of Wisconsin, Washington County experienced an increase in manufacturing jobs. Between 1970 and 2000, manufacturing jobs in Washington County increased from 9,255 to 17,307 jobs, or by about 87 percent. All other County job categories increased employees between 1970 and 2000, with the exception of agricultural jobs. County agricultural jobs decreased by about 37 percent between 1970 and 2000, the only County industry group to lose jobs.

PART 2: POPULATION AND HOUSEHOLD PROJECTIONS

To ensure that adequate and suitable land is available to accommodate anticipated future population growth in the Town, a probable 2035 design year plan population level was selected by the Town Board. In an effort to lessen the uncertainty associated with forecasting a future population level, two alternative population projections were developed for consideration by Town officials. The first of the two projections was prepared by SEWRPC under the 2035 regional land use plan. The second projection, also prepared by SEWRPC, was based on population trends experienced in the Town from 1980 to 2005. The "recent trends" analysis used a technique similar to that used by the DOA to prepare its population forecasts, wherein population changes between 1990 and 2005 were weighted more heavily than changes between 1980 and 1990.

The 2035 regional land use plan envisions a future population of 7,800 Town residents in 2035, while a continuation of recent trends would result in about 4,800 Town residents in 2035. Under the regional land use plan projection, the Town's population would increase by about 3,370 residents, or by approximately 94 percent,

Table 11

PLACE OF WORK^a OF TOWN OF HARTFORD AND WASHINGTON COUNTY RESIDENTS: 2000

Place of Work	Town of Hartford		Washington County	
	Number	Percent of Total	Number	Percent of Total
City of Hartford	603 ^b	25.1	4,548 ^b	7.2
City of West Bend	105	4.4	11,968	18.8
Village of Germantown	95	3.9	4,394	6.9
Village of Jackson	14	0.6	1,533	2.4
Village of Kewaskum	- - ^c	- -	731	1.1
Village of Slinger	93	3.9	1,398	2.2
Remainder of Washington County	475	19.8	7,494	11.8
Subtotal	1,385	57.7	32,066	50.4
City of Milwaukee	319	13.3	8,947	14.1
Remainder of Milwaukee County	145	6.0	5,388	8.5
Subtotal	464	19.3	14,335	22.6
Dodge County	64 ^b	2.7	791 ^b	1.2
Fond du Lac County	28	1.2	541	0.9
Ozaukee County	42	1.7	4,545	7.1
Waukesha County	329	13.7	9,983	15.7
Worked Elsewhere	89	3.7	1,359	2.1
Total	2,401	100.0	63,620	100.0

^aThe place of work Census Data estimates the number of people 16 years of age and older who were both employed and at work during the reference week (generally the week prior to April 1, 2000). People who did not work during this week due to temporary absences and other reasons are not included in the place of work data. Therefore, the place of work data may understate the total employment in a geographic area.

^bThe 2000 Census reported employees of the Quad Graphics printing plant in that portion of the City of Hartford located in Dodge County as working in the City of Hartford, Washington County.

^cThe 2000 place of work Census Data are estimates based upon a one in six (17 percent) sample; therefore, interactions between smaller geographic reporting units may be understated. The "true" value of this number may be greater than "zero"; but it is unlikely to be greater than five.

Source: U.S. Bureau of the Census and SEWRPC.

Figure 1

STANDARD INDUSTRIAL CLASSIFICATION (SIC) CODE STRUCTURE

Agriculture, Forestry and Fishing

Group 01	Agricultural Production – Crops
Group 02	Agricultural Production – Livestock
Group 07	Agricultural Services
Group 08	Forestry
Group 09	Fishing, Hunting, and Trapping

Mining

Group 10	Metal Mining
Group 12	Coal Mining
Group 13	Oil and Gas Extraction
Group 14	Nonmetallic Minerals, Except Fuels

Construction

Group 15	General Building Contractors
Group 16	Heavy Construction, Except Building
Group 17	Special Trade Contractors

Manufacturing

Group 20	Food and Kindred Products
Group 21	Tobacco Products
Group 22	Textile Mill Products
Group 23	Apparel and Other Textile Products
Group 24	Lumber and Wood Products
Group 25	Furniture and Fixtures
Group 26	Paper and Allied Products
Group 27	Printing and Publishing
Group 28	Chemicals and Allied Products
Group 29	Petroleum and Coal Products
Group 30	Rubber and Miscellaneous Plastic Products
Group 31	Leather and Leather Products
Group 32	Stone, Clay, and Glass Products
Group 33	Primary Metal Industries
Group 34	Fabricated Metal Products
Group 35	Industrial, Commercial, and Computer Equipment
Group 36	Electronic and Other Electric Equipment
Group 37	Transportation Equipment
Group 38	Instruments and Related Products
Group 39	Miscellaneous Manufacturing Industries

Transportation, Communication, Electric, Gas and Sanitary Services

Group 40	Railroad Transportation
Group 41	Local and Inter-Urban Passenger Transit
Group 42	Trucking and Warehousing
Group 43	U.S. Postal Service
Group 44	Water Transportation
Group 45	Transportation by Air
Group 46	Pipelines, Except Natural Gas
Group 47	Transportation Services
Group 48	Communications
Group 49	Electric, Gas, and Sanitary Services

Wholesale Trade

Group 50	Wholesale Trade-Durable Goods
Group 51	Wholesale Trade-Nondurable Goods

Retail Trade

Group 52	Building Materials and Garden Supplies
Group 53	General Merchandise Stores
Group 54	Food Stores
Group 55	Automotive Dealers and Service Stations
Group 56	Apparel and Accessory Stores
Group 57	Furniture and Home Furnishings Stores
Group 58	Eating and Drinking Places
Group 59	Miscellaneous Retail

Finance, Insurance and Real Estate

Group 60	Depository Institutions
Group 61	Non-depository Institutions
Group 62	Insurance Carriers
Group 64	Insurance Agents, Brokers, and Service
Group 65	Real Estate
Group 67	Holding and Other Investment Offices

Services

Group 70	Hotels and Other Lodging Places
Group 72	Personal Services
Group 73	Business Services
Group 75	Auto Repair, Service, and Parking
Group 76	Miscellaneous Repair Services
Group 78	Motion Pictures
Group 79	Amusement and Recreation Services
Group 80	Health Services
Group 81	Legal Services
Group 83	Social Services
Group 84	Museum, Botanical, Zoological Gardens
Group 86	Membership Organizations
Group 87	Engineering and Management Services
Group 89	Services Not Elsewhere Classified (NEC)

Public Administration

Group 91	Executive, Legislative, and General
Group 92	Justice, Public Order, and Safety
Group 93	Finance, Taxation, and Monetary Policy
Group 94	Administration of Human Resources
Group 95	Environmental Quality and Housing
Group 96	Administration of Economic Programs
Group 97	National Security and International Affairs

Non-classifiable Establishments

Group 99	Non-classifiable Establishments
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Source: U.S. Bureau of Economic Analysis.

Table 12

**EMPLOYMENT BY GENERAL INDUSTRY GROUP IN
WASHINGTON COUNTY AND SOUTHEASTERN WISCONSIN: 1970-2000**

General Industry Group	SIC Code ^a	Washington County											
		Employment								Percent Change in Number of Jobs			
		1970		1980		1990		2000		1970-1980	1980-1990	1990-2000	1970-2000
		Jobs	Percent of Total	Jobs	Percent of Total	Jobs	Percent of Total	Jobs	Percent of Total				
Agriculture	01-02	2,002	8.2	1,919	5.5	1,511	3.3	1,255	2.0	-4.1	-21.3	-16.9	-37.3
Construction	15-17	1,104	4.5	1,785	5.1	2,960	6.4	3,746	6.1	61.7	65.8	26.6	239.3
Manufacturing	20-39	9,255	38.1	10,900	31.0	12,923	28.0	17,307	28.1	17.8	18.6	33.9	87.0
Transportation, Communication, and Utilities	40-42; 44-49	1,013	4.2	1,139	3.2	1,667	3.6	2,313	3.7	12.4	46.4	38.7	128.3
Wholesale Trade	50-51	323	1.3	1,003	2.9	1,642	3.6	2,946	4.8	210.5	63.7	79.4	812.1
Retail Trade	52-59	3,753	15.4	5,552	15.8	7,912	17.2	10,152	16.4	47.9	42.5	28.3	170.5
Finance, Insurance, and Real Estate	60-67	1,130	4.6	2,659	7.6	2,876	6.2	3,738	6.1	135.3	8.2	30.0	230.8
Service	70-89	3,161	13.0	5,956	16.9	9,283	20.1	13,152	21.3	88.4	55.9	41.7	316.1
Government ^b	N/A	2,377	9.8	3,954	11.2	4,840	10.5	6,018	9.8	66.3	22.4	24.3	153.2
Other ^c	07-09; 10-14; 99	208	0.9	293	0.8	506	1.1	1,064	1.7	40.9	72.7	110.3	411.5
Total	--	24,326	100.0	35,160	100.0	46,120	100.0	61,691	100.0	44.5	31.2	33.8	153.6

General Industry Group	SIC Code ^a	Southeastern Wisconsin Region											
		Employment								Percent Change in Number of Jobs			
		1970		1980		1990		2000		1970-1980	1980-1990	1990-2000	1970-2000
		Jobs	Percent of Total	Jobs	Percent of Total	Jobs	Percent of Total	Jobs	Percent of Total				
Agriculture	01-02	12,000	1.5	10,000	1.0	7,200	0.7	5,900	0.5	-16.7	-28.0	-18.1	-50.8
Construction	15-17	32,400	4.1	33,900	3.6	45,100	4.2	53,800	4.4	4.6	33.0	19.3	66.0
Manufacturing	20-39	254,400	32.4	264,200	27.9	223,500	21.0	224,400	18.3	3.9	-15.4	0.4	-11.8
Transportation, Communication, and Utilities	40-42; 44-49	38,500	4.9	42,200	4.4	46,300	4.4	54,800	4.5	9.6	9.7	18.4	42.3
Wholesale Trade	50-51	37,200	4.7	46,200	4.9	55,300	5.2	64,400	5.3	24.2	19.7	16.5	73.1
Retail Trade	52-59	133,900	17.1	153,900	16.2	185,400	17.4	193,700	15.8	14.9	20.5	4.5	44.7
Finance, Insurance, and Real Estate	60-67	47,600	6.1	75,600	8.0	81,800	7.7	93,700	7.7	58.8	8.2	14.5	96.8
Service	70-89	141,800	18.1	216,700	22.8	304,700	28.7	406,000	33.2	52.8	40.6	33.2	186.3
Government ^b	N/A	84,400	10.8	101,100	10.7	106,200	10.0	114,400	9.3	19.8	5.0	7.7	35.5
Other ^c	07-09; 10-14; 99	2,700	0.3	4,400	0.5	7,100	0.7	11,700	1.0	63.0	61.4	64.8	333.3
Total	--	784,900	100.0	948,200	100.0	1,062,600	100.0	1,222,800	100.0	20.8	12.1	15.1	55.8

^aSee Figure 1 for a list of SIC Codes and the occupations associated with each code.

^bIncludes all nonmilitary government agencies and enterprises.

^cIncludes agricultural services, forestry, commercial fishing, mining, and unclassified jobs.

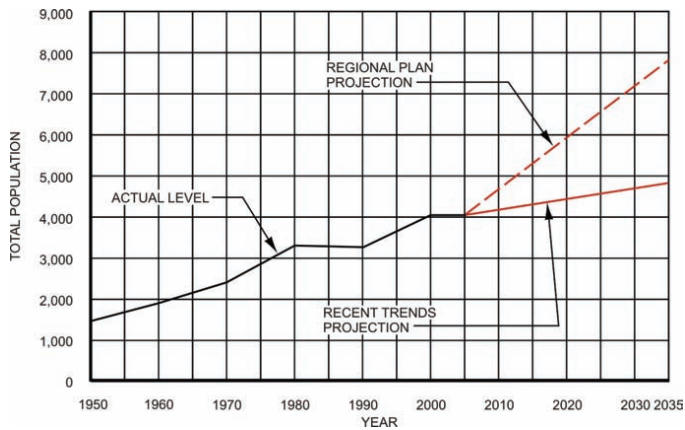
Source: U.S. Bureau of Economic Analysis and SEWRPC.

from the 4,031 residents in the Town in 2000. Under the "recent trends" projection, the Town's population would increase by about 770 residents, or by approximately 19 percent, from the 2000 population level. A comparison of the two projections, in relation to changes in the Town's population from 1950 to 2005, is shown in Figure 2.

It is important to note that the population projection of 7,800 residents prepared as part of the regional plan does not account for the expansion of existing cities and villages into the Town. It would be reasonable to assume that some of the population growth projected for what is now the Town of Hartford will likely occur on lands annexed from the Town by the City of Hartford and the Village of Slinger.

Figure 2

HISTORICAL AND ALTERNATIVE FUTURE POPULATION LEVELS IN THE TOWN OF HARTFORD: 1950-2035



Source: U.S. Bureau of the Census and SEWRPC.

The two alternative projections provide a reasonable range for the 2035 population level in the Town. The Plan Commission and Town Board considered the projections, along with local knowledge and expectations regarding anticipated future growth and development and past growth trends, and determined that the Town would base its future land use plan and other comprehensive planning elements on a 2035 population projection of 4,800 persons, which reflects a continuation of growth experienced in the Town between 1980 and 2005.

The selected population projection would result in approximately 1,886 households in the Town in 2035, based on an anticipated average household size of 2.54 persons per household and an anticipated 2035 group-quartered population of 10 persons.

Chapter IV

ISSUES AND OPPORTUNITIES ELEMENT

INTRODUCTION

The purpose of the issues and opportunities element is to define a desired future for the Town. A “vision” statement was developed by the Town to help provide an overall framework for development of the comprehensive plan. The vision statement expresses the preferred future, key characteristics, and/or expectations for the future desired by the Town.

Section 66.1001 (2) (a) of the *Wisconsin Statutes* requires that the Issues and Opportunities Element include a “statement of the overall objectives, policies, goals, and programs of the governmental unit to guide the future development and redevelopment of the governmental unit over the planning period.” Although not defined in the *Statutes*, the Wisconsin Department of Administration has provided the following definitions of those terms:

Goals: Broad and general expressions of a community’s aspirations, towards which the planning effort is directed. Goals tend to be ends rather than means.

Objectives: More specific targets, derived from goals and necessary to achieve those goals. While still general in nature, objectives are more precise, concrete, and measurable than goals.

Policies: Rules or courses of action necessary to achieve the goals and objectives from which they are derived. They are precise and measurable.

Programs: A system of projects or services necessary to achieve plan goals, objectives, and policies.

The comprehensive planning law also requires that the Issues and Opportunities Element include demographic information and population, household, and employment projections. Demographic information for the Town is presented in Chapter III, along with population and household projections for 2035. An employment projection is set forth in Chapter X.

VISION STATEMENT 2035

Visioning Process

To develop a vision statement for the Town, Washington County University of Wisconsin – Extension (UWEX) staff examined the opinions generated by the public during the input opportunities carried out as part of the comprehensive planning process, along with the Town's existing planning and zoning documents, and identified recurring "key concepts" that could be appropriate for the Town's vision. UWEX staff then met with the Town

Plan Commission and Town Board on May 30, 2007, to review the key concepts and determine which ones might best describe the Town's future. The most supported concepts were subsequently used to draft a vision statement that was brought back to the Town on July 12, 2007, for approval.

Vision Statement

"In 2035, the Town of Hartford remains a place known for its abundant natural resources and the beauty of areas like Pike Lake. The Town actively utilizes sound land use planning and policies for retaining productive farmland, maintaining rural character, and co-existing with nearby municipalities."

ISSUES AND OPPORTUNITIES

The following public participation events were held to obtain input from Town residents and identify the Town's issues and opportunities.

Comprehensive Planning "Kickoff" Meeting

A comprehensive planning "kickoff" meeting was held in the Town on March 15, 2006. The meeting was an opportunity for Town residents to learn about the comprehensive planning process and participate in a strengths, weaknesses, opportunities, and threats (SWOT) assessment. A total of 70 people attended the meeting. Residents worked in small groups "brainstorming" issues on each component of the SWOT workshop. The following are those issues identified as being most important by SWOT analysis participants.

Strengths: Something that makes a community stand out when compared to other communities; resources or capabilities that help a community be successful/strong.

- Kettle Moraine/Pike Lake/State park (no better place to live)
- Sanitary Districts in Town without annexation
- We have some of the most successful farming families in Washington County
- Location
- Quality Water
- Rural Character – green space
- Pike Lake State Park and Pike Lake
- Physical beauty and natural resources
- Prime Farmland and agricultural aspects
- Lower taxes

Weaknesses: Deficiencies in resources for a community to be successful.

- No legal resource to maintain town
- Shrinking tax base
- Town board not complying with land use plan and responding to the people's wishes
- Constitutional restrictions governing the town
- Lack of industry – tax revenue
- Inherent structural shortcoming to the town in relation to city/village (State Statutes)
- City that has grown located in the middle of our town

Opportunities: Something that could be done to improve a community; factors or situations that can affect a community in a favorable way.

- Land preservation and PDR program to preserve existing town farmland – town and county collaboration

- Improve roads and infrastructure
- Intergovernmental Cooperation/boundary agreements/sharing of services
- Jobs – other than Wal-Mart
- Maintain rural character
- Parks and Recreation
- School activities and recreational center

Threats: Anything that could jeopardize the future success of a community; factors or situations that can affect a community in a negative way.

- Development – too fast and too much
- Loss of Farmland
- Decreasing groundwater levels
- Town Board is not complying with the land use plan
- Annexations
- Loss of rural character
- Loss of natural resources (wetlands, lakes, wooded, open space, groundwater)
- Taxes – due to growth – too many services required
- Transportation needs – STH 60 in poor condition
- Environmental non-point pollution
- Using tax dollars to preserve useless land

Comprehensive Planning Visioning Workshop

A comprehensive planning visioning workshop/open house was held in the Town on September 19, 2006. The event was an opportunity for Town residents to review the inventory chapters of the comprehensive plan, map future land use on an interactive Smart Board using Geographic Information Systems (GIS) software, review existing Town goals, share opinions on development preferences, and develop a vision statement for the Town. A total of 37 residents attended the workshop and the majority wanted to protect the Town's rural character, agricultural land, natural resources, and open space. There was also an interest in accommodating future residential growth within existing planned sewer services areas and widening of Town roads. The residents indicated that multi-family, mobile homes, and large retail are not appropriate for the Town.

GOALS AND OBJECTIVES

The following goals and objectives are overall goals that should guide the protection of natural resources and future development and redevelopment in the Town through the plan design year of 2035. The overall goals are general and provide the framework for more specific goals in the following chapters. Because they are intended to be general rather than specific, no policies or programs are associated with the general goals and objectives presented in this chapter. Policies and programs are presented in each of the following eight element chapters, in association with the more specific element goals and objectives.

A meeting was held with the Town Plan Commission and Town Board on July 12, 2007, to develop goals and objectives for the comprehensive plan. The meeting was facilitated by UWEX staff. The following goals and objectives were developed for the Town comprehensive plan:

Goal: Preserve agricultural lands and protect farming operations.

- **Objective:** Retain agricultural lands for exclusive agricultural use, concentrating on productive farm attributes (LESA) and areas that are free from nonfarm development.

- **Objective:** Allow farm-related and farm family residences in agricultural areas.
- **Objective:** Maintain adequate distance between nonfarm development and farming operations to reduce potential conflicts.

Goal: Maintain and preserve the Town's overall rural character.

- **Objective:** Strive to preserve agricultural lands, environmental resources, and other open spaces.
- **Objective:** Buildings should be sited to minimize impact on the Town's rural landscape.
- **Objective:** Major developments should generally be directed to neighboring municipalities offering public services.
- **Objective:** Support private initiatives to protect rural lands through the use of conservation strategies such as easements, covenants, and deed restrictions.
- **Objective:** Strive to preserve and protect the scenic and aesthetic resources of the Town.

Goal: Protect environmental resources.

- **Objective:** Preserve wetlands.
- **Objective:** Prohibit development within floodplains and on steep slopes.
- **Objective:** Promote the preservation and restoration of wildlife habitat.
- **Objective:** Encourage landowners to preserve woodlands.
- **Objective:** Protect the quality of ground and surface waters from pollution.
- **Objective:** Enforce reclamation plans for gravel pits and nonmetallic mines.
- **Objective:** Support the implementation of the Federal Clean Air Act.

Goal: Allow gravel pits and nonmetallic mining in areas where impacts are minimal on adjacent land uses.

Goal: Encourage preservation of historic or cultural structures and archaeological sites.

- **Objective:** Upon request, forward appropriate Town records of historical value to interested organizations.

Goal: Permit limited residential development in the Town.

- **Objective:** Allow some residential development in appropriate areas as indicated on the future land use map.
- **Objective:** Residential development should not detract from the Town's rural nature or conflict with environmental objectives.

Goal: In cooperation with neighboring communities, support an appropriate range of housing types to serve the varied and special needs of area residents.

- **Objective:** Support appropriate County, private, and church efforts and consider new programs that provide needed assistance for elderly and disabled residents who wish to stay in their own homes.

Goal: Maintain a safe and efficient transportation system in the Town.

- **Objective:** As required by State law, continue to use the Wisconsin Information System for Local Roads (WISLR); continue to update road ratings, as required; and seek outside funds to help with road improvements.

Goal: Provide for commercial development in select locations.

- **Objective:** Accommodate neighborhood-scale commercial development, which serve local residents and are consistent with the capacity of Town infrastructure.
- **Objective:** Direct high-intensity commercial development to surrounding communities where utilities are available.
- **Objective:** Require site plan approval for all new commercial development.

Goal: Industrial development should be located in areas where adequate transportation facilities are available and surrounding uses are compatible.

- **Objective:** Provide for small-scale, light industrial development.
- **Objective:** Require site plan approval for all new industrial development.

Goal: Maintain services in the Town, including law enforcement and emergency services, Pike Lake patrols, road improvement and repair, and recycling services.

- **Objective:** Prohibit development in areas not easily accessed by emergency and other service vehicles.
- **Objective:** Work with the City of Hartford and Village of Slinger to provide for sanitary sewer needs within the Town.
- **Objective:** Strive to match the level of public services with the basic needs of new development and population increases.
- **Objective:** Require developers to pay for improvements needed to support new development requests.

Goal: Establish and/or continue cooperative planning with surrounding communities.

- **Objective:** Continue joint planning efforts with the City of Hartford.
- **Objective:** Continue joint planning efforts with the Village of Slinger.
- **Objective:** Coordinate planning of the St. Lawrence area and the CTH K corridor with the Town of Addison.

Goal: Ensure the Town of Hartford's comprehensive plan remains relevant.

- **Objective:** Routinely consult the comprehensive plan when carrying out Town government functions and developing the Town budget.

ELEMENT GOALS, OBJECTIVES, POLICIES, AND PROGRAMS

Within the framework of the overall goals and objectives, more specific goals and objectives were developed through preparation of the remaining eight comprehensive plan elements. Each of the specific element goals relate directly to its element. Each element also includes recommended policies and programs that directly promote the achievement of specific element goals and objectives.

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Chapter V

AGRICULTURAL, NATURAL, AND CULTURAL RESOURCES ELEMENT

INTRODUCTION

The agricultural, natural, and cultural resources element is one of the nine elements of a comprehensive plan required by Section 66.1001 of the *Wisconsin Statutes*. Section 66.1001(2)(e) of the *Statutes* requires this element to compile goals, objectives, policies, and programs for the conservation and effective management of the following natural resources:

- Groundwater
- Forests
- Productive agricultural areas
- Environmentally sensitive areas
- Threatened and endangered species
- Stream corridors
- Surface water
- Floodplains
- Wetlands
- Metallic and nonmetallic mineral resources
- Parks, open spaces, and recreational resources
- Historical and cultural resources
- Community design (Addressed in Chapter VI)

In addition, the following comprehensive planning goals related to the agricultural, natural, and cultural resources element are set forth in Section 16.965 of the *Statutes* and must be addressed as part of the planning process:¹

- Promotion of the redevelopment of lands with existing infrastructure and public services and the maintenance and rehabilitation of existing residential, commercial, and industrial structures.
- Protection of natural areas, including wetlands, wildlife habitats, lakes, woodlands, open spaces, and groundwater resources.
- Protection of economically productive areas, including farmland and forests.
- Encouragement of land uses, densities, and regulations that promote efficient development patterns and relatively low municipal, state government, and utility costs.
- Preservation of cultural, historic, and archaeological sites.
- Building of community identity by revitalizing main streets and enforcing design standards.

¹Chapter I lists all 14 of the comprehensive planning goals included in Section 16.965 of the *Statutes*.

- Planning and development of land uses that create or preserve varied and unique urban and rural communities.

This chapter provides inventory information on soils, existing farmland, farming operations, topography and geology, nonmetallic mining resources, water resources, woodland resources, natural areas and critical species habitats, environmental corridors, park and open space sites, and cultural (historical and archaeological) resources. This chapter consists of four parts: Part 1, Inventory of Soils and Agricultural Resources; Part 2, Inventory of Natural Resources; Part 3, Inventory of Cultural Resources; and Part 4, Agricultural, Natural, and Cultural Resources Goals, Objectives, Policies, and Programs.

The conservation and wise use of agricultural and natural resources and the preservation of cultural resources are fundamental to achieving strong and stable physical and economic development as well as maintaining community identity. This comprehensive plan recognizes that agricultural, natural, and cultural resources are limited and may be very difficult or impossible to replace if damaged or destroyed. Information on the characteristics and location of agricultural, natural, and cultural resources in the Town of Hartford will assist in properly locating future land uses to help avoid serious environmental problems and to protect existing natural resources.

The base years for the various inventory data presented in this chapter range from 1994 to 2005. Much of the inventory data have been collected through regional land use and natural area planning activities conducted by the Southeastern Wisconsin Regional Planning Commission (SEWRPC). Additional inventory data have been collected from and by Washington County; the Town of Hartford; and State and Federal agencies, including the Wisconsin Department of Natural Resources (DNR), the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP), the State Historical Society of Wisconsin, and the U.S. Department of Agriculture (USDA).

PART 1 – INVENTORY OF SOILS AND AGRICULTURAL RESOURCES

Soil Survey

The USDA Soil Conservation Service, now the Natural Resources Conservation Service (NRCS), issued a soil survey for Washington County in 1971.² Soils were identified, organized, and mapped by soil association, soil series, and soil type. The soil survey results, including the attributes of each soil type, are now available on the NRCS website as part of the Soil Survey Geographic (SSURGO) database. Unless otherwise noted, the soil information presented in this chapter was obtained from the SSURGO database.

The soil survey can play an important role in land use decisions. The information contained in the soil survey can help identify which areas of the Town are suitable for agricultural use; which areas may have limitations for development due to wet soils or bedrock near the surface; and which areas may have marketable nonmetallic mineral resources present.

Soil Associations

A soil association is a landscape that has a distinctive pattern of soils. It normally consists of one or more major soils and at least one minor soil, and is named for the major soil or soils present. The following soil associations are found in the Town of Hartford:

The ***Brookston-Pella-Lamartine association*** consists of generally poorly-drained soils that have a subsoil of clay loam or silty clay loam, formed in loess and underlying loam to sandy loam glacial till. This association is located in stream beds and encompasses about 4 percent of the Town.

²*Documented in the Soil Survey, Washington County, Wisconsin, published by the USDA Soil Conservation Service in June 1971.*

The ***Casco-Fox-Rodman association*** consists of well-drained soils that have a subsoil of gravelly sandy loam to clay loam, very shallow to moderately deep over gravel and sand, on glacial outwash terraces. This association, encompassing about 5 percent of the Town, is found in the southwest and northeast portions of the Town, generally on lower elevations within the Kettle Moraine.

The ***Hochheim-Theresa association*** contains well-drained soils that have a subsoil of clay loam, formed in loess with underlying sandy loam to loamy glacial till on uplands. This association, encompassing about 72 percent of the Town, is the predominant soil association present in the Town of Hartford.

The ***Houghton-Palms-Adrian association*** contains very poorly drained organic soils located along drainage ways, in depressions, and in old glacial lakebeds. This association encompasses about 19 percent of the Town of Hartford.

Saturated Soils

Soils that are saturated with water, or that have a water table at or near the surface, are known as hydric soils. These soils pose significant limitations for most types of development. High water tables often cause wet basements and poorly-functioning absorption fields for private onsite waste treatment systems (POWTS). The excess wetness may also restrict the growth of landscaping plants and trees. Wet soils also restrict or prevent the use of land for crops, unless the land is artificially drained. Approximately 32 percent of the Town of Hartford is covered by hydric soils (about 5,839 acres), generally associated with stream beds and wetland areas. Although hydric soils are generally unsuitable for development, they may serve as important locations for the restoration of wetlands, as wildlife habitat, and for stormwater detention.

Soil Suitability for Agricultural Production

The NRCS has classified the agricultural capability of soils based on their general suitability for most kinds of farming. These groupings are based on the limitations of the soils, the risk of damage when used, and the manner in which the soils respond to treatment. Generally, lands with Class I and II soils are considered “National Prime Farmlands” and lands with Class III soils are considered “Farmlands of Statewide Significance.” Class I soils have few limitations, the widest range of uses, and the least risk of damage when used. The soils in the other classes have progressively greater natural limitations. Class II soils have some limitations that reduce the choice of plants that can be grown, or require moderate conservation practices to reduce the risk of damage when used. Class III soils have more stringent limitations that will likely reduce the choice of plants, require special conservation practices, or both; and Class IV soils have severe limitations. Class V, VI, and VII soils are considered suitable for pasture but not for crops, and Class VIII soils are so rough, shallow, or otherwise limited that they do not produce economically worthwhile yields of crops, forage, or wood products.

The location and quantity of Class I, II, and III soils were an important consideration when farmland preservation areas were identified in the existing County farmland preservation plan (adopted in 1981) and in existing town land use and master plans. The County Farmland Preservation Plan used the following criteria to designate Primary Farmlands: farms with at least 50 percent of soils classified as Class I, II, or III; located within a farming block of at least 640 acres; and having a minimum farm size of 35 acres. Farms less than 35 acres were included if used for the production of specialty crops or livestock, provided that the soil criterion and minimum farming block criterion were met. The number of acres contained in, and the relative proportion of, these various soil classes in the Town of Hartford are set forth in Table 13. Class I, II, and III soils are shown on Map 4.

Land Evaluation and Site Assessment (LESA) Analysis

A land evaluation and site assessment (LESA) analysis of agricultural land in Washington County was conducted as part of the multi-jurisdictional planning process. The LESA process was developed in 1981 by the USDA – Soil Conservation Service (now the Natural Resources Conservation Service (NRCS)) and is an analytical tool

³Farmland Preservation Plan, Washington County, Wisconsin; *prepared by the firm Stockham & Vandewalle, Madison, Wisconsin.*

designed to provide a systematic and objective procedure for rating and ranking the agricultural importance of a parcel. A LESA subcommittee was formed by the Agricultural, Natural, and Cultural Resources Workgroup for the Washington County Multi-Jurisdictional Comprehensive Plan to oversee the LESA analysis for the County.

The Washington County LESA analysis identified parcels that are best suited for long-term agricultural use. The results of the analysis are intended to help the County and Town identify areas for farmland protection. The County intends to use the results of the analysis to update the Washington County Farmland Preservation Plan, which is expected to be updated following adoption of the County comprehensive plan.

The LESA analysis included a **“land evaluation”** component and a **“site assessment”** component. The land evaluation (LE) component of the LESA analysis was determined by the NRCS, which rated each soil in Washington County based on soil type, slope, agricultural capability class, and soil productivity for producing corn and soybeans. The resulting ratings were then placed into groups ranging from the best to worst suited for cropland production. The site assessment (SA) component rates non-soil factors affecting a parcel’s relative importance for agricultural use and is separated into three classifications. The LESA subcommittee selected the following nine SA factors to be used in the Washington County LESA analysis:

SA-1 Factors (agricultural productivity)

- Size of farm in contiguous management by one farm operator
- Compatibility of surrounding land uses within one-half mile
- Percent of farm in agricultural use

SA-2 Factors (development pressures impacting a site’s continued agricultural use)

- Distance from adopted sewer service area
- Distance from selected hamlets
- Distance from interchanges along USH 41 and 45

SA-3 Factors (other public values of a site supporting retention in agriculture)

- Primary environmental corridors, secondary environmental corridors, isolated natural resource areas, natural areas, or critical species habitat outside environmental corridor areas present on farm
- Floodplains present on farm
- Proximity to permanently protected land 20 acres or more in size

Each parcel included in the County LESA analysis received a final score ranging from 0 to 10, with 10 being the best parcels for long-term agricultural protection. The County identified parcels with a LESA score of 6.8 or higher as “Tier 1” farmlands which are best suited for long-term protection. Lands scoring below 6.8 were defined as Tier II farmlands, which are areas that should be considered for long-term protection by Town officials on a case-by-case basis.

The LESA scores for agricultural parcels in the Town, grouped into categories, are shown on Map 5. Table 14 sets forth the number of parcels and number of acres in each category. The average LESA score for agricultural

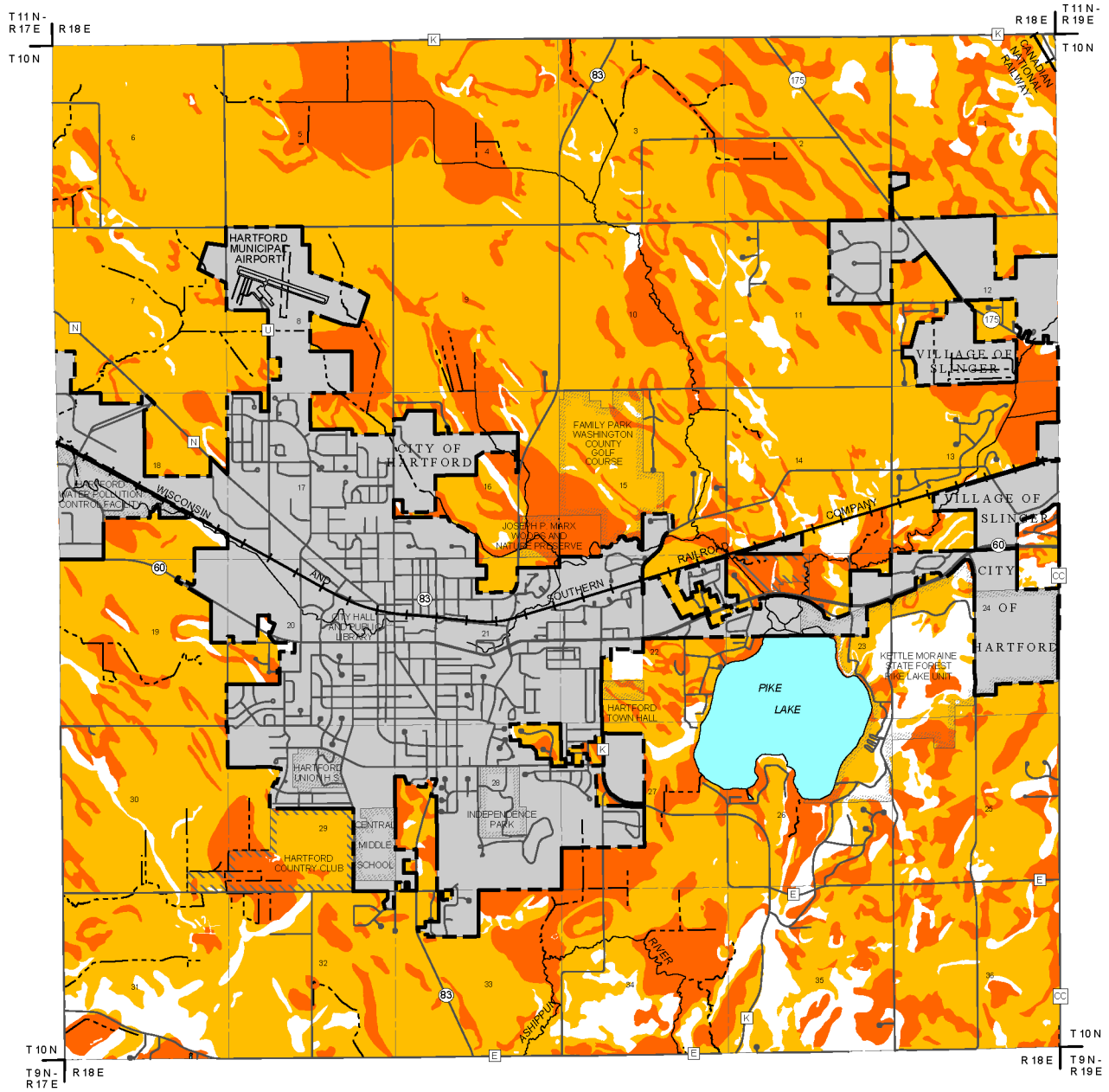
Table 13
AGRICULTURAL SOIL CAPABILITY IN THE
TOWN OF HARTFORD AND WASHINGTON COUNTY

Agricultural Soil Capability Class	Town of Hartford		Washington County	
	Acres	Percent of Total Area	Acres	Percent of Total Area
Class I Soils	434	2.4	4,971	1.8
Class II Soils	11,207	61.6	144,392	51.8
Class III Soils	4,323	23.7	76,277	27.4
Class IV, V, VI, VII, and VIII Soils and Unclassified Areas ..	1,731	9.5	48,609	17.4
Surface Water	505	2.8	4,507	1.6
Total Area	18,200	100.0	278,756	100.0

Source: USDA-Natural Resources Conservation Service and SEWRPC.

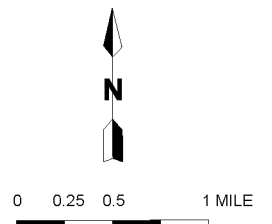
Map 4

CLASS I, II, AND III AGRICULTURAL SOILS IN THE TOWN OF HARTFORD



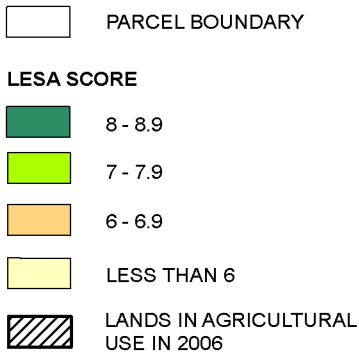
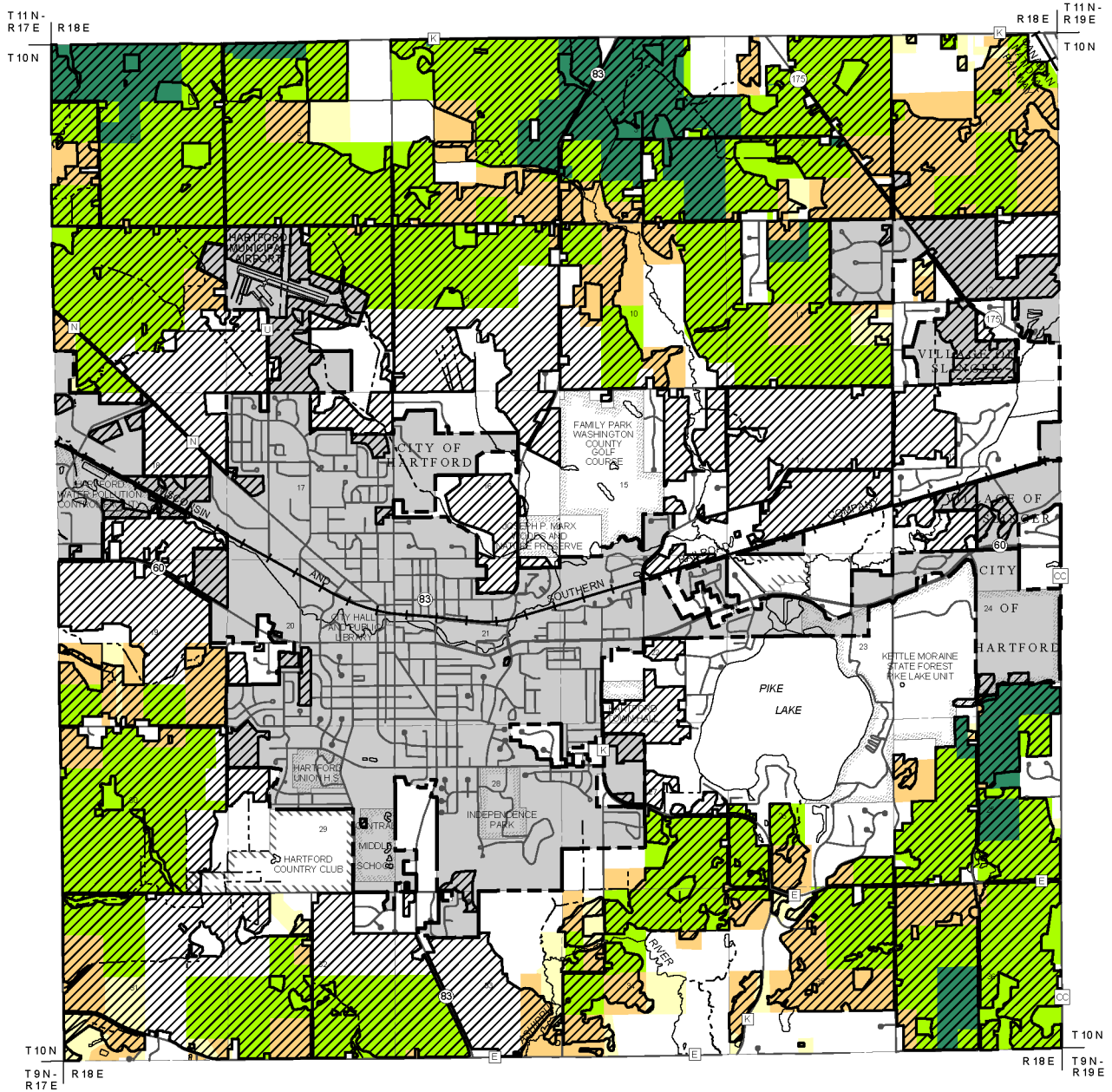
- CLASS I AND II SOILS (NATIONAL PRIME FARMLANDS)
- CLASS III SOILS (FARMLANDS OF STATEWIDE SIGNIFICANCE)
- OTHER SOILS
- SURFACE WATER
- CITY OF HARTFORD AND VILLAGE OF SLINGER

Source: USDA - Natural Resources Conservation Service and SEWRPC.



Map 5

LESA SCORES FOR AGRICULTURAL PARCELS IN THE TOWN OF HARTFORD: 2007



Source: Washington County and SEWRPC.

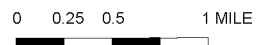


Table 14

LESA SCORES FOR AGRICULTURAL PARCELS IN THE TOWN OF HARTFORD: 2007

LESA Score	Parcels in Category		Total Acres in Category ^a		Agricultural Acres in Category ^b	
	Number	Percent	Number	Percent	Number	Percent
Less than 6	34	8.6	421	4.3	165	2.1
6-6.9	104	26.2	2,180	22.5	1,571	19.4
7-7.9	222	55.9	6,069	62.5	5,411	66.9
8-8.9	37	9.3	1,037	10.7	937	11.6
9-10	--	--	--	--	--	--
Total	397	100.0	9,707	100.0	8,084	100.0

^aIncludes entire area of parcels analyzed, including areas not being used for farming, such as woodlands, wetlands, and surface water.

^bIncludes only those portions of parcels in agricultural use in 2006.

Source: SEWRPC.

parcels in the Town was 7.2. The median LESA score was 7.3. The LESA analysis included some parcels that have other uses on them, which may include natural resource features such as woodlands, wetlands, or surface water, or fallow lands. In some cases, parcels developed partially for residential use, with a portion of the parcel used for agriculture, were included in the analysis (provided at least 2 percent of the parcel was in agricultural use). A hatch pattern is included on Map 5 to show areas that were in agricultural use in 2006.

Table 15

AGRICULTURAL LANDS IN THE TOWN OF HARTFORD AND WASHINGTON COUNTY: 2000

Agricultural Soil Capability Class	Town of Hartford		Washington County	
	Acres	Percent of Total Area	Acres	Percent of Total Area
Cultivated Lands	10,152	90.6	115,662	81.6
Pasture Land and Unused Agricultural Land	833	7.4	22,408	15.8
Orchards, Nurseries, and Specialty Crops	--	0.0	932	0.6
Farm Buildings	216	1.9	2,753	2.0
Total	11,201	100.0	141,755	100.0

Source: SEWRPC.

Existing Farmland

Agricultural lands were identified by SEWRPC as part of the 2000 regional land use inventory conducted as part of the regional planning program. The land use inventory identified croplands, pasture lands, orchards, nurseries, specialized farming, and non-residential farm buildings. Farm residences, together with a 20,000 square foot dwelling site, are classified as single-family residential land uses in the 2000 inventory.⁴ Based on the 2000 land use inventory, about 141,755 acres, or about 222 square miles, representing almost 51 percent of Washington County, and approximately 11,201 acres, or about 62 percent of the Town, were in agricultural use in 2000. This figure includes lands actually used for agriculture—primarily cultivated lands and lands used for pasture—and excludes the wetland and woodland portions of farm fields. The number of acres occupied by farmland in the Town in 2000 is set forth in Table 15 and is categorized as follows:

- Cultivated Lands, which includes lands used for the cultivation of crops including row crops, grain crops, vegetable crops, and hay.
- Pasture Land and Unused Agricultural Lands, which includes lands used as pasture, or lands which were formerly cultivated or used for pasture and which have not yet succeeded to a wetland or woodland plant community.
- Orchards, Nurseries, and Specialty Crops, which includes lands used for orchards, nurseries, sod farms, and specialty crops such as mint, ginseng, and berries.
- Farm Buildings, which includes barns, silos, and other buildings used to store farm equipment or supplies or house farm animals.

⁴See Chapter VI for more information about the SEWRPC 2000 land use inventory.

Table 16

**AGRICULTURAL SECTORS IN
WASHINGTON COUNTY AND WISCONSIN: 2002**

Sector	Washington County		State of Wisconsin	
	2002 Sales (in thousands)	Percent of Total Agricultural Revenues	2002 Sales (in thousands)	Percent of Total Agricultural Revenues
Dairy.....	\$33,100	45.4	\$2,651,000	47.1
Horticulture	14,000	19.2	197,400	3.5
Grains (Crops)	10,600	14.5	893,300	15.9
Cattle and Calves ..	8,100	11.1	834,900	14.9
Vegetables.....	1,600	2.3	341,600	6.1
Other.....	5,500	7.5	705,100	12.5
Total	\$72,900	100.0	\$5,623,300	100.0

Source: USDA-National Agricultural Statistics Service, 2002 Census of Agriculture.

Table 17

**FARMS IN WASHINGTON COUNTY
AND WISCONSIN BY VALUE OF SALES: 2002**

Value of Sales	Washington County		State of Wisconsin	
	Number	Percent	Number	Percent
Less than \$2,500.....	263	31.2	30,491	39.5
\$2,500 to \$4,999	66	7.8	5,389	7.0
\$5,000 to \$9,999	75	8.9	5,788	7.5
\$10,000 to \$24,999	133	15.7	8,362	10.8
\$25,000 to \$49,999	59	7.0	5,929	7.7
\$50,000 to \$99,999	74	8.8	7,242	9.4
\$100,000 or more.....	174	20.6	13,930	18.1
Total	844	100.0	77,131	100.0

Source: USDA-National Agricultural Statistics Service, 2002 Census of Agriculture.

cultural industry in the County compared to the State is likely a response to the demand for landscaping material for urban development in the County and in the Milwaukee metropolitan area.

Farms categorized by the total value of all 2002 agricultural sales in the County and the State are set forth in Table 17. Almost one-third (263 farms, or about 31 percent) of all farms in Washington County had a total value of sales of less than \$2,500, compared to about 39 percent of farms Statewide with a total value of sales of less than \$2,500. There were 174 farms, or about 21 percent of farms in the County, with a total value of sales of \$100,000 or more, compared to about 18 percent of State farms with a total value of sales of \$100,000 or more.

Average net income from farm operations in the County in 2002 was \$24,654, which was about 37 percent higher than the State average of \$17,946. In Washington County, farming was the principal occupation of the farm operator on 552 farms, or almost 65 percent, and was not the primary occupation of the farm operator on the remaining 292 farms, or about 35 percent. Statewide, farming was the principal occupation of the farm operator on about 59 percent of farms and was not the principal occupation of the farm operator on the remaining 41 percent of farms.

⁵Data included in this section are 2002 data for Washington County from the USDA National Agricultural Statistics Service unless otherwise noted. Data is reported at the County level, and is not available for the Town of Hartford. Additional information on County agriculture is available in the report Farmland and Open Space Preservation Tools, prepared by the Washington County Planning and Parks Department, June 2005.

⁶The USDA defines a farm as any place from which \$1,000 or more of agricultural products (crops and livestock) were sold or normally would have been sold during the year under consideration.

The amount of land in agricultural use in the Town was updated to 2006 as part of the LESA analysis. Land uses were also generalized to include farmhouses on agricultural parcels of 20 acres or larger in the “agricultural” land use category. There were 11,150 acres, or about 61 percent of the Town, in agricultural use in 2006.

Farm Production and Revenue

Farm production and revenue inventory data^{5,6} are useful in determining the major types of agricultural products produced and the economic impact of agriculture in Washington County. Agricultural sectors identified in the County and State in 2002, and the amount and percentage of sales associated with each sector, are set forth in Table 16. Dairy products were the predominant source of agricultural sales in the County in 2002, accounting for about 45 percent of all agricultural sales. A similar percentage, about 47 percent, of agricultural sales Statewide was received from dairy products. Of the 844 farms in the County in 2002, 174 farms, or about 21 percent of all farms, were dairy farms.

Horticulture was the second-largest source of agricultural sales in Washington County in 2002, accounting for just over 19 percent of all sales. Statewide, horticulture accounted for just 3 percent of sales. The relative importance of the horti-

Table 18**FARM SIZE IN WASHINGTON
COUNTY AND WISCONSIN: 2002**

Size (acres)	Washington County		State of Wisconsin	
	Number	Percent	Number	Percent
Less than 10 acres	67	7.9	4,141	5.4
10 to 49 acres	268	31.8	17,152	22.2
50 to 179 acres	314	37.2	29,458	38.2
180 to 499 acres	143	16.9	20,021	25.9
500 to 999 acres	33	3.9	4,465	5.8
1,000 acres or more	19	2.3	1,894	2.5
Total	844	100.0	77,131	100.0

Source: USDA-National Agricultural Statistics Service, 2002 Census of Agriculture.

Number and Size of Farms

The number of farms by size category⁷ in Washington County and Wisconsin in 2002 is set forth in Table 18. As previously noted, there were 844 farms in the County in 2002. The average County farm size was 154 acres, and the median farm size was 86 acres. This compares to 204 acres and 140 acres, respectively, for farms in the State. Of the 844 farms in the County in 2002, 314 farms, or about 37 percent of all farms, were between 50 and 179 acres in size, and an additional 268 farms, or about 32 percent of all farms, were between 10 and 49 acres in size. Only 52 County farms, or about 6 percent of all County farms, were more than 500 acres in size in 2002.

Farms Enrolled in State and Federal Preservation Programs

There are a number of State and Federal conservation programs that have been created to help protect farmland and related rural land. These programs include the Wisconsin Farmland Preservation Program, Conservation Reserve Enhancement Program (CREP), Soil and Water Resource Management Program (SWRM), Conservation Reserve Program (CRP), and the Wetland Reserve Program (WRP).

Wisconsin Farmland Preservation Program

The Wisconsin Farmland Preservation Program provides income tax credits to eligible farmland owners. The program is administered by County and local governments, but the Wisconsin Land and Water Conservation Board (LWCB) must first certify that the county farmland preservation plan meets the standards specified in Chapter 91 of the *Wisconsin Statutes*. Of the 72 counties in Wisconsin, 70 have certified farmland preservation plans. Washington County's farmland preservation plan was certified in 1981. To be eligible to enroll in the program, farmland must be designated as such in the County Farmland Preservation Plan, must be a minimum of 35 contiguous acres, and must produce a minimum of \$6,000 in gross farm receipts in the previous year or \$18,000 in the previous three years. Farmland owners may participate in one of two ways: through exclusive agricultural zoning (in towns that have adopted an exclusive agricultural district in their zoning ordinance) or through Farmland Preservation Agreements.

Because the Town of Hartford has adopted exclusive agricultural zoning, it is not necessary for individual landowners to enter into a Farmland Preservation Agreement directly with the DATCP. Contracts are for 10- or 25-year periods. In 2005, there were 30 Wisconsin Farmland Preservation Agreements encompassing 3,458 acres of farmland in the Town. Under State regulations, no new Farmland Preservation Agreements may be made for farmland in Washington County or in any other county with a population density of 100 or more persons per square mile unless the local government has adopted an exclusive agricultural zoning district.

Conservation Reserve Enhancement Program

The Conservation Reserve Enhancement Program (CREP) is a Federal-State-Local partnership between the USDA Farm Services Agency (FSA), the NRCS, the DNR, DATCP, and participating County Land Conservation Departments (LCD) throughout Wisconsin. The goal of CREP in Washington County is to establish riparian buffers and/or restore wetlands along navigable streams in order to reduce upland sediment (erosion) and pollution from entering surface waters. Agricultural lands that are currently being farmed are eligible for this program through 15-year contracts or through permanent conservation easements. In 2005, there was one CREP 15-year contract, covering a 0.5 acre area, in force in the Town of Hartford.

⁷Data included in this section includes lands owned by the farmer, not lands the farmer may rent.

Soil and Water Resource Management Program

In 2004 the Washington County Land and Water Conservation Division elected to no longer participate in the CREP program; however, through annual grants from the DATCP Soil and Water Resource Management (SWRM) Program, the Land and Water Conservation Division has continued to promote the installation of riparian buffers. Landowners agreeing to the same restrictions required by CREP receive the same financial incentives that were offered through the CREP as CREP Equivalent Payments. Similar to CREP, agricultural lands that are currently being farmed are eligible for this program through 15-year contracts or through permanent conservation easements. In 2005, there was no land in the Town of Hartford covered by any SWRM agreements.

Conservation Reserve Program

The USDA administers the Conservation Reserve Program (CRP) to help provide water quality protection, erosion control, and wildlife habitat in agricultural areas. Under the CRP, the landowner enters into an agreement to restore or protect lands for a 10-year or longer period in return for cash payments or assistance in making conservation improvements. In 2005, there were 197 CRP contracts in Washington County, encompassing 2,756 acres. The USDA adopted a policy in 2005 that prohibits the agency from releasing specific data regarding parcels enrolled in the CRP, so this information cannot be mapped. This policy effectively prevents the identification of the number of CRP agreements, if any, in effect in the Town. The County has appealed the decision to the Washington office of the Farm Services Administration.

Wetland Reserve Program

The Wetland Reserve Program (WRP) is a program aimed at protecting wetlands on private property. This is typically done by providing a financial incentive to landowners to restore wetlands that have been drained for agricultural use. Landowners who choose to participate in the program may sell a conservation easement to the USDA or enter into a cost-share restoration agreement with the USDA to restore wetlands. The landowner retains private ownership of the wetland area but limits future uses. In 2005, there were two WRP agreements encompassing about 11 acres of land in Washington County. The USDA adopted a policy in 2005 that prohibits the agency from releasing specific data regarding parcels enrolled in the WRP, so this information cannot be mapped. This policy effectively prevents the identification of the number of WRP agreements, if any, in effect in the Town. The County has appealed the decision to the Washington office of the Farm Services Administration.

PART 2 – INVENTORY OF NATURAL RESOURCES

Topography and Geology

The dominant landform in Washington County is the Kettle Moraine, an interlobate moraine, or glacial deposit, formed between the Green Bay and Lake Michigan lobes of the continental glacier that moved across the Great Lakes area approximately 11,000 years ago. The Kettle Moraine is oriented in a general northeast-southwest direction across the County. Some of its features include kames, or conical hills; kettles, which are steep-sided depressions that mark the site of buried glacial ice blocks that became separated from the retreating main ice mass and which subsequently melted to form the “kettles”; eskers, or long, narrow ridges of glacial drift deposited in meltwater tunnels within the ice; and abandoned drainageways. The Kettle Moraine forms some of the most attractive and interesting landscapes within the County and is the location of the highest elevation in the County and the location of the greatest local relief, or elevation differences.

One of the three points of highest elevation in Washington County is located in the Town of Hartford within the Kettle Moraine. Holy Hill, at 1,332 feet above sea level in the nearby Town of Erin, is the highest point in the County. Powder Hill, located in the Town of Hartford, is 1,330 feet above sea level; the same elevation as a nearby unnamed hilltop, also located in the Town of Erin.

The remainder of the County is covered by a variety of glacial landforms and features, including rolling landscapes of material deposited beneath the glacial ice; terminal moraines, consisting of material deposited at the forward edges of the ice sheet; lacustrine basins, which are former glacial lakes; outwash plains formed by the action of flowing glacial meltwater; drumlins, which are elongated teardrop-shaped mounds of glacial deposits

that formed parallel to the flow of the glacier; and eskers. Except for a few isolated spots where dolomite bedrock is exposed at the surface, the entire County is covered with glacial deposits ranging from large boulders to fine grain clays.

The southeastern portion of the Town of Hartford is located in the Kettle Moraine, with the remainder of the Town part of an extensive glacial outwash plain sloping westward toward the Rock River. The Town of Hartford portion of this glacial outwash plain includes the Ashippun River, the Rubicon River and its tributaries, and extensive wetland areas.

Topographical features, particularly slopes, have a direct bearing on the potential for soil erosion and the sedimentation of surface waters. Slope steepness affects the velocity of and, accordingly, the erosive potential of runoff. As a result, steep slopes place moderate to severe limitations on urban development and agricultural activities, especially in areas with highly erodible soil types such as in the Kettle Moraine. About 422 acres, or about 2 percent of the Town, have slopes of 20 percent or greater; while about 828 acres, or about 5 percent of the Town, have slopes ranging from 12 to 20 percent.

Poorly planned hillside development in areas of steep slopes can lead to high costs for public infrastructure development and maintenance and construction and post-construction erosion problems. Steeply sloped agricultural land may make the operation of agricultural equipment difficult or even hazardous. Development or cultivation of steeply sloped lands is also likely to negatively impact surface water quality through related erosion and sedimentation.

A total of 11 sites of geological importance—seven glacial sites (including the Kettle Moraine) and four bedrock geology sites—were identified in the County in 1994 as part of the regional natural areas plan. The geological sites included in the inventory were selected on the basis of scientific importance, significance in industrial history, natural aesthetics, ecological qualities, educational value, and public access potential. Two of the 11 sites were considered to be of statewide significance and one of these two, the Kettle Moraine, runs in a general northeast-southwest direction through the southeastern portion of the Town of Hartford.

Nonmetallic Mineral Resources⁸

Nonmetallic minerals include, but are not limited to, sand, gravel, crushed stone, building or dimension stone, peat, and clay. Extractive sites for nonmetallic minerals in Southeastern Wisconsin provide sand, gravel, and crushed limestone or dolomite for structural concrete and road building; peat for gardening and horticulture; and dimension stone for use in buildings, landscaping, and monuments. Nonmetallic mineral resources are important economic resources that should be taken into careful consideration whenever land is being considered for development. Mineral resources, like other natural resources, occur where nature put them, which is not always convenient or desirable. Wise management of nonmetallic mineral resources is important to ensure an adequate supply of aggregate at a reasonable cost for new construction and for maintenance of existing infrastructure in the future.

According to the U. S. Geological Survey, each person in the United States uses an average of 9.5 tons of construction aggregate per year (construction aggregate includes sand, gravel, crushed stone, and recycled crushed concrete). Construction of one lane-mile of Interstate Highway uses 20,000 tons of aggregate. Aggregate is heavy and bulky, and is therefore expensive to transport. Having sources of aggregate relatively close (within 25 miles) of a construction project lessens the overall cost of construction. The cost of a ton of aggregate can more than double when it has to be hauled 25 miles or more.

Potential Sources of Sand, Gravel, Clay, and Peat

The location of potential commercially workable sources of sand, gravel, clay, and peat in the Town of Hartford have been identified by the Wisconsin Geological and Natural History Survey (WGNHS) using a variety of

⁸*There are no marketable metallic mining resources in Washington County.*

Table 19

NONMETALLIC MINING SITES IN THE TOWN OF HARTFORD: 2007

Operator/Owner of Mine	Operational Sites (acres)	Planned Sites (acres)	Reclaimed Sites (acres)	Stockpiling Sites (acres)	Not Active – No Plan on File (acres)
Cedar Lake Sand & Gravel Co.	114	194	--	--	--
Heartland Construction, Inc.	7	--	--	--	--
Robert Maher.....	--	--	--	6	--
DRG Enterprises	--	--	--	--	25
Floyd Berggren LTD Partnership.....	--	--	--	--	23
Total – Five Sites	121	194	0	6	48

Source: Washington County and SEWRPC.

sources, including geologic studies,⁹ data from Road Material Survey records collected by WGNHS for the Wisconsin Department of Transportation (WisDOT), information on existing extractive sites, and information on closed extractive sites that were recently active. The sand and gravel potential is categorized as high, medium, and low by the WGNHS based on the glacial geology (Mickelson and Syverson, 1997¹⁰).

Approximately 3,797 acres in the Town of Hartford, or about 21 percent of the Town's total area, have been identified as having a relatively high potential for the location of commercially viable deposits of gravel and coarse- to medium-grained sand. An additional 1,934 acres, or about 11 percent of the Town, have been identified as having a potential for commercially viable deposits of peat. The balance of the Town may contain isolated pockets of commercially viable sand and/or gravel deposits; but overall, the potential for these remaining areas is considered to be relatively low.

Potential Sources of Crushed and Building Stone

The location of potential commercially workable sources of stone suitable for crushed or building stone in the Town of Hartford have been identified by the WGNHS based principally upon locating and mapping areas underlain by Silurian dolomite within 50 feet of the land surface. Approximately 1,795 acres, or about 10 percent of the Town's area, have been identified as having a potential for the development of commercially viable sources of crushed stone or building stone.

Existing Nonmetallic Mining Sites

There were three active nonmetallic mining sites and two inactive nonmetallic mining sites in the Town in 2007. Table 19 lists the mine operator or current owner and the acreage of areas within existing mining sites that are operational, planned to be mined in the future (and which have an approved reclamation plan), and portions of the sites that have been reclaimed. All three of the active mines in the Town are used for sand and/or gravel extraction. The data was provided by Washington County, based on reclamation permits reviewed by the County.¹¹ Cedar Lake Sand and Gravel is the largest extractive operation in the Town and is also one of the major extractive sites in Washington County. The Cedar Lake Sand and Gravel site extends north into the Town of Addison.

⁹Bedrock geology from Preliminary Bedrock Maps of Washington County (WOFR 2004-17) by T. Evans, K. Massie-Ferch, and R. Peters, WGNHS.

¹⁰Mickelson, D. M. and K. M. Syverson, Quaternary Geology of Ozaukee and Washington Counties, Wisconsin, WGNHS Bulletin 91, 1997.

¹¹The Town regulates nonmetallic mining sites, including the review of reclamation plans, through the Town of Hartford Nonmetallic Mining Reclamation Ordinance.

Registered Nonmetallic Mining Sites

Chapter NR 135 of the *Wisconsin Administrative Code* establishes a procedure for landowners to register marketable nonmetallic mineral deposits in order to preserve these resources. The Lannon Stone/Dawson site in the Town of Jackson was registered in 2001. Six parcels in the Town of Polk were registered in June 2008 by Wissota Sand and Gravel. As of 2008, these two sites were the only registered nonmetallic mineral sites in Washington County.

NR 135 defines a marketable nonmetallic mineral deposit as one which can be or is reasonably anticipated to be commercially feasible to mine and which has significant economic or strategic value. The significant economic or strategic value must be demonstrable using geologic, mineralogical or other scientific data, based upon the deposit's quality, scarcity, location, quantity or proximity to a known user. Only the owner of the land (as opposed to the owner of the mineral rights or other partial rights) can register a marketable nonmetallic mineral deposit. The registration must include a legal description of the land and certification and delineation by a registered professional geologist or a registered professional engineer. In making this certification, the geologist or engineer must describe the type and quality of the nonmetallic mineral deposit; the areal extent and depth of the deposit; the manner whereby the deposit's quality, extent, location, and accessibility contribute to its marketability; and the quality of the deposit in relation to current and anticipated standards and specifications for the type of material concerned.

A person wishing to register land pursuant to NR 135 must provide evidence that nonmetallic mining is a permitted or conditional use of the land under zoning in effect on the day notice is provided by the owner to government authorities. A copy of the proposed registration and supporting information must be provided to the applicable zoning authority (the Town of Hartford), the County, and the DNR at least 120 days prior to filing the registration. The registration must include a certification by the landowner, which is binding on the landowner and his or her successors in interest, that the landowner will not undertake any action that would permanently interfere with present or future extraction of nonmetallic materials for the duration of the registration.

Notification Requirements

Section 66.1001(4) of the *Statutes* requires any unit of government that prepares and adopts a comprehensive plan to prepare and adopt written procedures to foster public participation. These written procedures must describe the methods the local government will use to distribute proposed elements of a comprehensive plan to owners or persons with a leasehold interest in property to extract nonmetallic mineral resources in or on property, in which the allowable use or intensity of use of the property is proposed to be changed by the comprehensive plan. All such parties were notified of the public hearing held prior to adoption of this plan and offered an opportunity to submit comments to the Town Plan Commission and Town Board.

Water Resources

Surface water resources, consisting of lakes and streams and their associated wetlands, floodplains, and shorelands, form important elements of the natural resource base of the Town. Their contribution to economic development, recreational activity, and scenic beauty is immeasurable. In 2000, there were 505 acres of surface water, 2,733 acres of floodplains, and 2,660 acres of wetlands in the Town.

Both surface water and groundwater are interrelated components of a single hydrologic system. The groundwater resources are hydraulically connected to the surface water resources inasmuch as the former provide the base flow of streams and contribute to inland lake levels. The groundwater resources constitute the major source of supply for domestic, municipal, and industrial water users in Washington County.

Watersheds and Subwatersheds

A subcontinental divide that separates the Mississippi River and the Great Lakes – St. Lawrence River drainage basins crosses Washington County from the Town of Wayne on the north to the Town of Richfield on the south. About 164,684 acres, or 59 percent of the County, are located east of the divide and drain to the Great Lakes-St. Lawrence River system; the remaining 114,072 acres, or 41 percent of the County, drain west to the Mississippi River.

The subcontinental divide not only exerts a major physical influence on the overall drainage pattern of the County, but also carries with it legal constraints that, in effect, prohibit the diversion of any substantial quantities of Lake Michigan water across the divide. Areas east of the divide can utilize Lake Michigan as a source of water supply, with the spent water typically returned to the lake via the sanitary sewerage system. Areas west of the divide must use the groundwater reservoir as the supply source. A recent accord—the Great Lakes Charter Annex—signed by the governors of the eight States bordering the Great Lakes¹² and the premiers of the Canadian provinces of Ontario and Quebec would ban most diversions of Great Lakes water outside the drainage basin, but make limited exceptions for communities and counties that straddle the watershed boundary. The accord was approved by the Legislature of each of the eight States and by the U. S. Congress, and went into effect in October 2008. The DNR is developing regulations to carry out the accord in Wisconsin.

The Town of Hartford is located entirely to the west of the subcontinental divide in the Rock River watershed within the Mississippi River drainage basin.

Lakes and Streams

Major streams are defined as those which maintain, at a minimum, a small continuous flow throughout the year except under unusual drought conditions. Major streams in the Town include the Ashippun River and the Rubicon River. Major lakes are defined as those lakes which have a surface area of 50 or more acres. Pike Lake, the second largest lake in Washington County with a surface area of 470 acres, 461 acres of which lie in the Town, is located in the Town of Hartford. The Lake is both fed and drained by the Rubicon River.

Lakes and streams are readily susceptible to degradation through improper land use development and management. Water quality can be degraded by excessive pollutant loads, including nutrient loads, which enter from malfunctioning and improperly located onsite waste treatment systems, from sanitary sewer overflows, from construction and other urban runoff, and from careless agricultural practices. The water quality of lakes and streams may also be adversely affected by the excessive development of riparian areas and by the filling of peripheral wetlands, which remove valuable nutrient and sediment traps while adding nutrient and sediment sources. It is important that existing and future development in riparian areas be managed carefully to avoid further water quality degradation and to enhance the recreational and aesthetic values of surface water resources.

A Lake Protection and Rehabilitation District has been formed for Pike Lake under the provisions of Chapter 33 of the *Wisconsin Statutes*. Lake districts are a special-purpose unit of government formed to maintain, protect, and improve the quality of a lake. The Pike Lake district has completed a lake management plan. Additional information regarding adopted lake management plans is provided in Chapter II.

Wetlands

Wetlands generally occur in depressions and near the bottom of slopes, particularly along lakeshores and stream banks, and on large land areas that are poorly drained.¹³ Wetlands may, however, under certain conditions, occur on slopes and even on hilltops. Wetlands perform an important set of natural functions which include support of a

¹²*Includes the States of Illinois, Indiana, Michigan, Minnesota, New York, Ohio, Pennsylvania, and Wisconsin.*

¹³*The definition of “wetlands” used by SEWRPC is the same as that of the U.S. Army Corps of Engineers and the U.S. Environmental Protection Agency. Under this definition, wetlands are areas that are inundated or saturated by surface water or groundwater at a frequency, and with a duration sufficient to support, and that under normal circumstance do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. This definition differs somewhat from the definition used by the DNR. Under the DNR definition, wetlands are areas where water is at, near, or above the land surface long enough to be capable of supporting aquatic or hydrophytic vegetation and which has soils indicative of wet conditions. As a practical matter, application of either the DNR definition or the EPA-Army Corps of Engineers-SEWRPC definition has been found to produce relatively consistent wetland identification and delineations in the majority of the situations in southeastern Wisconsin.*

wide variety of desirable, and sometimes unique, forms of plant and animal life; water quality protection; stabilization of lake levels and streamflows; reduction in stormwater runoff by providing areas for floodwater impoundment and storage; and protection of shorelines from erosion.

Wetlands identified in SEWRPC's regional land use inventory encompassed about 2,660 acres, or about 15 percent of the Town, in 2000, and are shown on Map 6. The identification of wetlands is based on the Wisconsin Wetlands Inventory completed in 1982, updated to the year 2000 as part of the regional land use inventory. In addition to the wetlands shown on Map 6, certain other areas have been identified by the NRCS as farmed wetlands, which are subject to Federal wetland regulations. An updated wetland inventory for Washington County was released in 2008. The updated inventory was conducted by SEWRPC under contract to the DNR. The new wetland inventory is shown on Map 20 in the Implementation Element (Chapter XII). Larger scale maps are available for review at the offices of the Washington County Planning and Parks Department and SEWRPC. The inventory can also be viewed on the DNR's Surface Water Data Viewer website at <http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=SurfaceWaterViewer>.

Wetlands and their boundaries are continuously changing in response to changes in drainage patterns and climatic conditions. While wetland inventory maps provide a basis for areawide planning, detailed field investigations are necessary to precisely identify wetland boundaries on individual parcels. Field investigations are generally conducted at the time a parcel is proposed to be developed or subdivided.

Floodplains

The floodplains of a river are the wide, gently sloping areas usually lying on both sides of a river or stream channel. The occasional flow of a river onto its floodplain is a normal phenomenon and, in the absence of flood control works, can be expected to occur periodically. For planning and regulatory purposes, floodplains are defined as those areas subject to inundation by the 100-year recurrence interval flood event. This event has a 1 percent chance of being equaled or exceeded in any given year. Floodplains are generally not well suited for urban development because of the flood hazard, the presence of high water tables, and/or the presence of wet soils.

Floodplains in Washington County for which floodplain elevations have been determined through detailed engineering studies were delineated by SEWRPC on large scale topographic maps as part of an update to the Washington County shoreland and floodplain zoning maps completed in 2001. Detailed studies and 100-year flood profiles are available for a portion of the Ashippun River and for the majority of the Rubicon River. Where flood elevations were not available, approximate floodplain delineations from the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps were mapped on the orthophotos as part of the update to the shoreland and floodplain zoning maps. "Approximate" floodplains are those mapped by FEMA without the support of detailed engineering studies. Floodplains within the Town identified as part of the shoreland and floodplain zoning map update for Washington County encompass 2,733 acres, or about 15 percent of the Town.

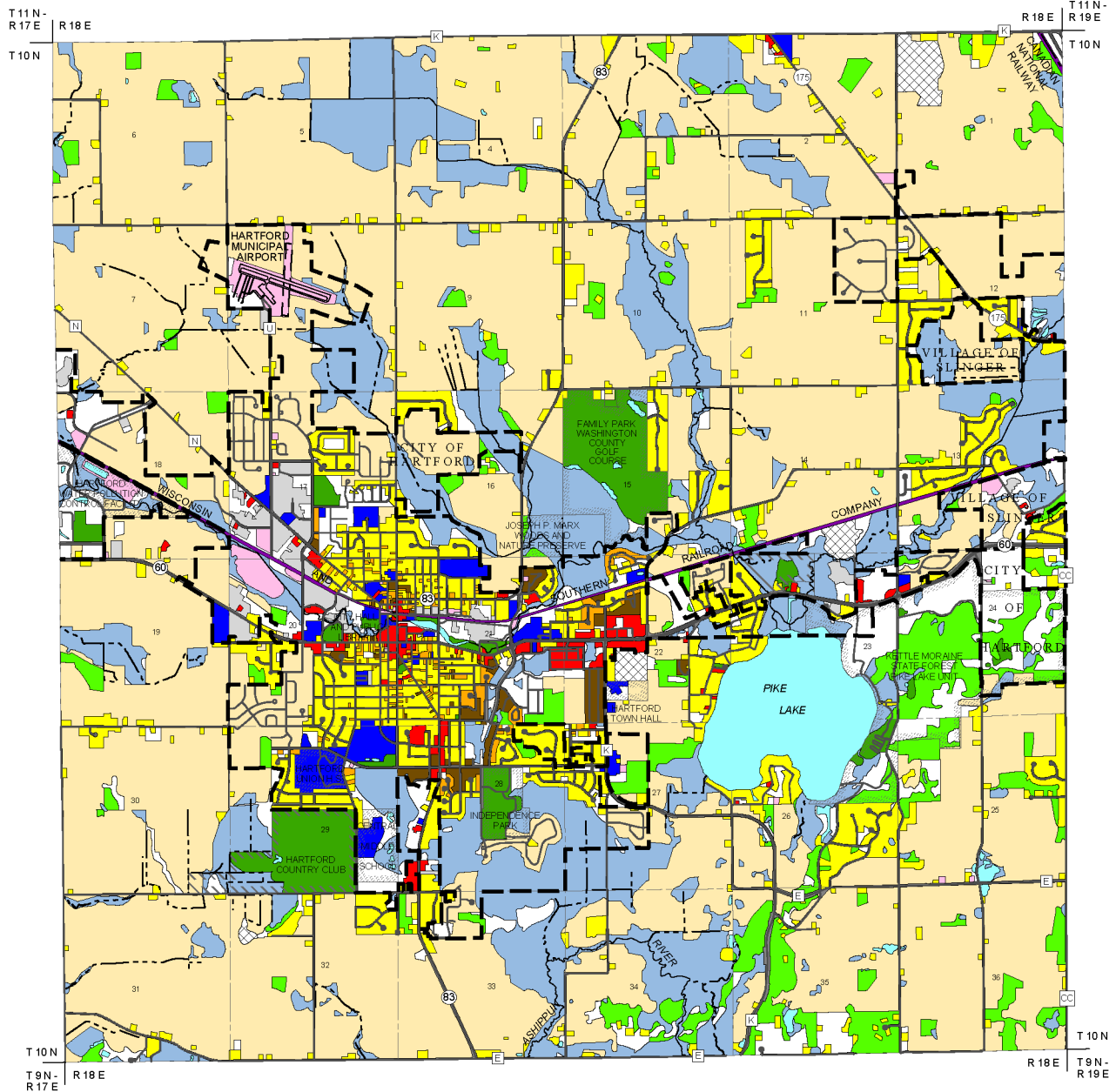
FEMA is currently conducting a Map Modernization Program for Washington County which will result in updated FEMA floodplain maps for both incorporated (city and village) and unincorporated (town) areas. Preliminary maps were released in August 2007. Release of the final maps is pending. The map modernization project will result in new floodplain delineations in some areas and new floodplain maps for the entire County.


















Shorelands

Shorelands are defined by the *Wisconsin Statutes* as lands within the following distances from the ordinary high water mark of navigable waters: 1,000 feet from a lake, pond, or flowage; and 300 feet from a river or stream, or to the landward side of the floodplain, whichever distance is greater. In accordance with the requirements set forth in Chapters NR 115 (shoreland regulations) and NR 116 (floodplain regulations) of the *Wisconsin Administrative Code*, the Washington County shoreland and floodplain zoning ordinance restricts uses in wetlands located in the shorelands, and limits the uses allowed in the 100-year floodplain to prevent damage to structures and property and to protect floodwater conveyance areas, and to maintain the storage capacity of floodplains. The ordinance also includes restrictions on the removal of vegetation and filling, grading, and

Map 6

EXISTING LAND USES IN THE TOWN OF HARTFORD AND ENVIRONS: SPRING 2000



- | | | | |
|--|--|---|--------------------------------|
|  | SINGLE - FAMILY RESIDENTIAL |  | GOVERNMENTAL AND INSTITUTIONAL |
|  | TWO - FAMILY RESIDENTIAL |  | RECREATIONAL |
|  | MULTI - FAMILY RESIDENTIAL
AND MOBILE HOMES |  | WOODLANDS |
|  | COMMERCIAL |  | WETLANDS |
|  | INDUSTRIAL |  | SURFACE WATER (OPEN WATER) |
|  | STREETS AND HIGHWAYS |  | AGRICULTURAL |
|  | RAILWAY |  | EXTRACTIVE |
|  | COMMUNICATIONS, UTILITIES, AND
OTHER TRANSPORTATION |  | OPEN LANDS |
|  TOWN / CITY / VILLAGE BOUNDARY | | | |

Source: SEWRPC.



0 0.25 0.5 1 MILE

excavating within the shoreland area. Most structures must be set back a minimum of 75 feet from the ordinary high-water mark if adjacent to a Class 3 waterbody, 100 feet if adjacent to a Class 2 waterbody, and 125 feet if adjacent to a Class 1 waterbody, although the setbacks along Class 1 and 2 waterbodies may be reduced to 100 feet and 75 feet, respectively, subject to approval of mitigation measures. Shorelands within the Town identified as part of the shoreland and floodplain map update for Washington County encompass 4,759 acres, or about 26 percent of the Town.

State law requires that counties administer shoreland and floodplain regulations in unincorporated areas. Chapter II provides additional information about the County shoreland and floodplain zoning ordinance and lake and stream classification study.

Under Chapter NR 117 of the *Administrative Code*, cities and villages are required to restrict uses in wetlands located in the shoreland area. The provisions of NR 115, which regulate uses in unincorporated portions of the shoreland, apply in cities and villages only in shoreland areas annexed to a city or village after May 7, 1982. The same floodplain regulations set forth in NR 116 for unincorporated areas also apply within cities and villages. Each city and village administers the floodplain regulations within its corporate limits.

Groundwater Resources

Groundwater resources constitute another key element of the natural resource base of the Town and County. Groundwater not only sustains lake levels and wetlands and provides the base flow of streams, but also provides the water supply for domestic, municipal, and industrial water users in Washington County.

Groundwater occurs within three major aquifers that underlie the County and the remainder of southeastern Wisconsin. From the land's surface downward, they are: 1) the sand and gravel deposits in the glacial drift; 2) the shallow dolomite strata in the underlying bedrock; and 3) the deeper sandstone, dolomite, siltstone, and shale strata. Because of their proximity to the land's surface and hydraulic interconnection, the first two aquifers are commonly referred to collectively as the "shallow aquifer," while the latter is referred to as the deep aquifer. Within the County, the shallow and deep aquifers are separated by the Maquoketa shale, which forms a relatively impermeable barrier between the two aquifers.

Recharge to groundwater is derived almost entirely from precipitation. Much of the groundwater in shallow aquifers originates from precipitation that has fallen and infiltrated within a radius of about 20 or less miles from where it is found. The deeper sandstone aquifers are recharged by downward leakage of water through the Maquoketa Formation from the overlying aquifers or by infiltration of precipitation beyond the western boundary of the County where the sandstone aquifer is not overlain by the Maquoketa Formation and is unconfined.

On the average, precipitation annually brings about 32 inches of water to the surface of Washington County. For the area of the County that would translate into about 660 million gallons per day (mgd) of water averaged over the year (a total of 240,900 million gallons a year). It is estimated that approximately 80 percent of that total is lost by evapotranspiration. Of the remaining water, part runs off in streams and part becomes groundwater. The average annual groundwater recharge to shallow aquifers varies from about 5 to 15 percent of annual precipitation. To document the utilization of the shallow aquifers in the Region, it may be assumed, for example, that, on the average, 10 percent of the annual precipitation reaches groundwater. Then, the average groundwater recharge in Washington County would be estimated to be 66 mgd. This precipitation will be returned to the shallow aquifer within days or months, depending on the soil. The estimated daily use of groundwater in 2000 was 13 mgd, which is about 20 percent of the total amount of groundwater assumed to be recharged in that year. This indicates that there is an adequate annual groundwater recharge to satisfy water demands on the shallow aquifer system in Washington County for years to come on an areawide basis. However, the availability on a localized area basis will vary depending upon usage, pumping system configuration, and groundwater flow patterns. Groundwater modeling¹⁴ indicates small areas of drawdown of five feet or less in the shallow aquifer.

¹⁴*Documented in SEWRPC Technical Report No. 41, A Regional Aquifer Simulation Model for Southeastern Wisconsin, June 2005.*

Table 20**CLASSIFICATION OF POTENTIAL WATER RECHARGE AREAS IN THE TOWN OF HARTFORD: 2007**

Water Recharge Classification	Area Within Each Classification		Portion Within Primary Environmental Corridor or Floodplain	
	Acres	Percent ^a	Acres	Percent ^b
Very High.....	105	0.6	80	1.9
High.....	2,331	12.8	764	18.4
Moderate.....	12,326	67.9	657	15.8
Low.....	142	0.8	83	2.0
Urban Development and Undetermined ^c	3,250	17.9	2,579	62.0
Total	18,154	100.0	4,163	22.9 ^d

^aPercent of Town within each classification.

^bPercent of each classification included in a primary environmental corridor or floodplain.

^cAreas for which the recharge potential is undetermined are primarily wetlands.

^dPercent of Town located in primary environmental corridor or floodplain.

Source: Wisconsin Geological and Natural History Survey and SEWRPC.

The situation is different for the deep aquifers, where withdrawals of groundwater cause supply/demand imbalance in areas of concentrated use of groundwater, which has resulted in the “mining” of groundwater, and where recharge of the aquifer may take years or even decades, depending on the depth and geology of the aquifer. The deep aquifer levels have decreased from 50 to 150 feet within the County. Most of this decline is due to pumping beyond the County boundaries.

To satisfy future water demands in the Southeastern Wisconsin Region, including Washington County, coordinated regional water resource management is needed, which would optimize the use of ground and surface water. The regional water supply planning program¹⁵ currently being conducted by SEWRPC will provide guidance in this regard and is scheduled to be completed in 2009. At the time this comprehensive plan was prepared, areas within Washington County and the remainder of the

Region had been analyzed and classified based on their potential for water recharge. The analysis was based on a combination of topography, soil hydrologic groups, soil water storage, and land use. An “average” weather year of 1997 was selected for the analysis, since the amount of precipitation received also affects the amount of water that reaches (and recharges) the groundwater. Areas were placed into the following classifications: very high (more than six inches of recharge per year), high (four to six inches of recharge per year), moderate (three to four inches of recharge per year), and low (less than three inches of recharge per year). Areas for which no soil survey data was available (shown as “undetermined” on Map 7) were not classified. Areas shown as “undetermined” are largely made up of wetlands. Groundwater typically serves as a source of water for a wetland, making them groundwater discharge areas rather than groundwater recharge areas.

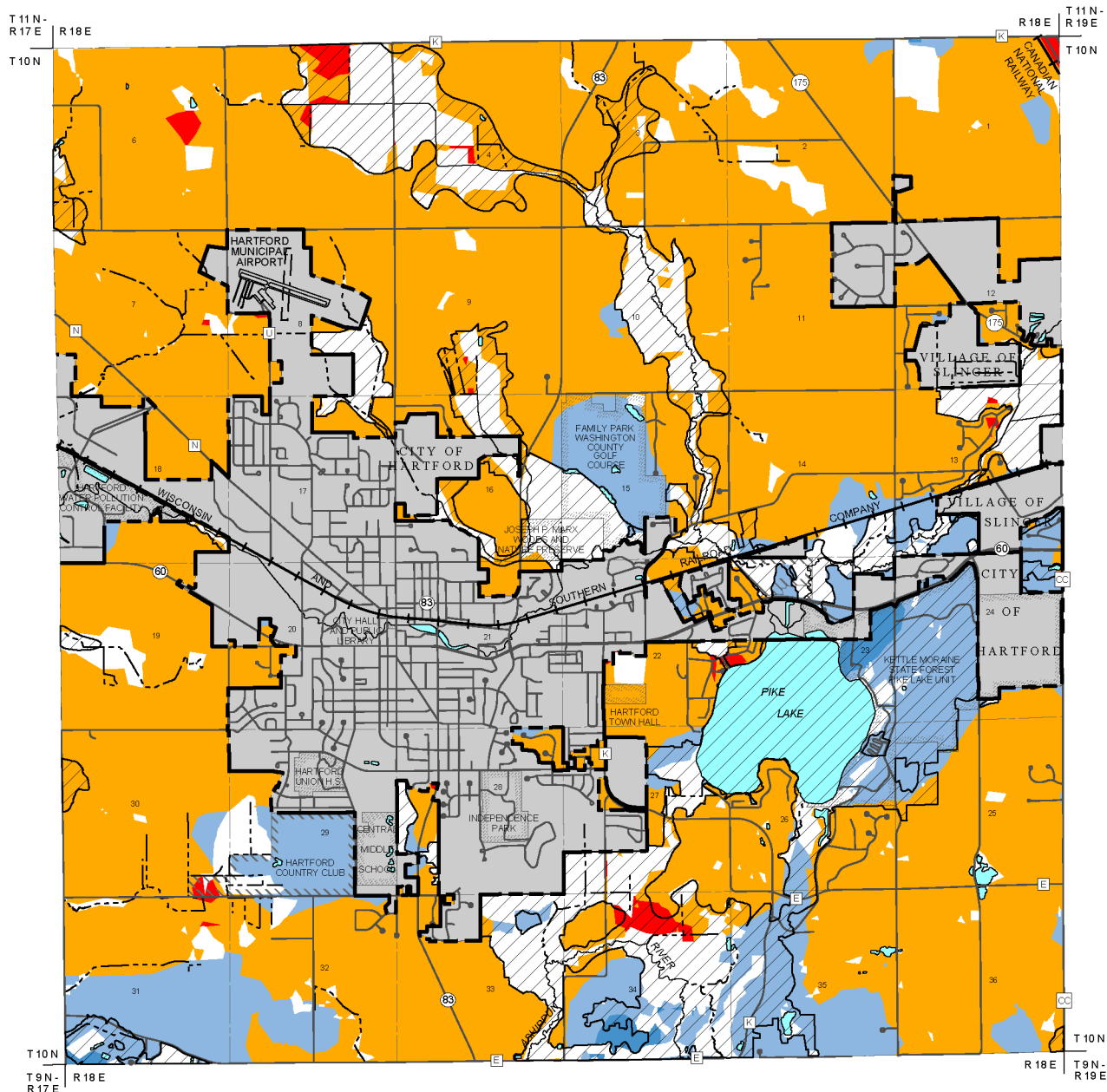
Areas within each of the recharge classifications in the Town are shown on Map 7, and the acreage within each category is listed on Table 20. About 1 percent of the Town is rated “very high” for recharge potential, and about 13 percent is rated “high” for recharge potential. Most of the high and very high recharge potential areas are located adjacent to Pike Lake and the Ashippun River in the southeast portion of the Town. Primary environmental corridors and floodplains were overlaid on Map 7 to indicate the correlation between such areas and groundwater recharge potential. There is not a strong correlation between high and very high recharge potential and primary environmental corridors and floodplains in the Town. This is likely because most of the primary environmental corridors in the Town are comprised of wetlands, which were not rated for water recharge potential.

Development at rural densities, agricultural uses, and preservation of natural resources will preserve groundwater recharge capabilities. In addition, the use of conservation subdivision design and stormwater management measures that maintain natural hydrology can help preserve the groundwater recharge potential in areas developed for urban-density residential uses and other urban uses.

¹⁵Documented in SEWRPC Planning Report No. 52, A Regional Water Supply Plan for Southeastern Wisconsin (underway). The plan is expected to be completed in 2009.

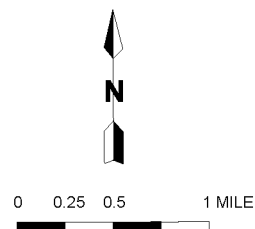
Map 7

WATER RECHARGE POTENTIAL IN THE TOWN OF HARTFORD



- VERY HIGH
- HIGH
- MODERATE
- LOW
- UNDETERMINED
- PRIMARY ENVIRONMENTAL CORRIDORS (2000)
AND 100 - YEAR FLOODPLAINS (1981)
- SURFACE WATER

Source: Wisconsin Geological and Historical Survey and SEWRPC.



Forest Resources

Woodlands

With sound management, woodlands can serve a variety of beneficial functions. In addition to contributing to clean air and water and regulating surface water runoff, woodlands help maintain a diversity of plant and animal life. The destruction of woodlands, particularly on hillsides, can contribute to excessive stormwater runoff, siltation of lakes and streams, and loss of wildlife habitat. Woodlands identified in the 2000 SEWRPC land use inventory are shown on Map 6. Woodlands are defined as upland areas of one acre or more in area, having 17 or more trees per acre, each deciduous tree measuring at least four inches in diameter 4.5 feet above the ground, and having canopy coverage of 50 percent or greater. Coniferous tree plantations and reforestation projects are also classified as woodlands. In 2000, woodlands encompassed 853 acres, or about 5 percent of the Town.¹⁶

Managed Forest Lands

The Managed Forest Law (MFL) is an incentive program intended to encourage sustainable forestry on private woodlands in Wisconsin with a primary focus on timber production. The MFL offers private owners of woodlands a reduced property tax rate as an incentive to participate. All Wisconsin private woodland owners with at least 10 acres of contiguous forestland in the same city, village, or town are eligible to apply provided the lands meet the following criteria: 1) a minimum of 80 percent of the land must be wooded, 2) the land must be used primarily for growing forest products (agricultural uses such as cropland, pasture, or orchards are not eligible), and 3) there are no recreational uses that interfere with forest management.

Participants enter into a 25 or 50 year contract. A penalty is assessed if an agreement is terminated before its end. Starting with 2008 entries, applications must include a management plan prepared by a person certified by the DNR. If the enrolled property is sold before the agreement period has expired, the new owner can choose one of three options: 1) complete the agreement period with the approved plan, 2) adjust the plan to meet new goals and objectives, or 3) withdraw the land and pay the penalty. Lands can be open or closed to the public, but the tax benefit is substantially greater for enrolled acreage that is open to the public. In 2005, 277 acres of woodlands in the Town, of which 25 acres were open to the public, were enrolled in the program.

Natural Areas and Critical Species Habitat Sites

A comprehensive inventory of natural resources and important plant and animal habitats was conducted by SEWRPC in 1994 as part of the regional natural areas and critical species habitat protection and management plan. The inventory systematically identified all remaining high-quality natural areas, critical species habitat, and sites having geological significance within the Region. Ownership of identified natural areas and critical species habitat sites in the County were reviewed and updated in 2005.

Natural Areas

Natural areas are tracts of land or water so little modified by human activity, or sufficiently recovered from the effects of such activity, that they contain intact native plant and animal communities believed to be representative of the landscape before European settlement. Natural areas are classified into one of three categories: natural areas of statewide or greater significance (NA-1), natural areas of countywide or regional significance (NA-2), and natural areas of local significance (NA-3). Classification of an area into one of these three categories is based on consideration of the diversity of plant and animal species and community type present, the structure and integrity of the native plant or animal community, the uniqueness of the natural features, the size of the site, and the educational value.

A total of four natural areas, encompassing about 182 acres, have been identified in the Town of Hartford. A fifth natural area at the north end of Pike Lake, the Pike Lake Sedge Meadow, is owned by the Town but is located in the City of Hartford. All five of the natural areas have been classified as NA-3 sites. These five natural areas are

¹⁶*This data includes upland woods only, not lowland woods classified as wetlands, such as tamarack swamps. Lowland woods may be enrolled in the Managed Forest Law program as discussed in the following section.*

Table 21

NATURAL AREAS IN THE TOWN OF HARTFORD: 2005^a

Number on Map 9	Area Name	Classification Code ^b	Location	Ownership	Size (acres)	Description and Comments
1	CTH E Wetlands	NA-3	T9N, R18E Section 3 Town of Erin 10N, R18E Section 34 Town of Hartford	Private	14 ^c	Wetland complex of shrub-carr, sedge meadow, and shallow marsh that has suffered from past disturbance
2	Rubicon Lowlands	NA-3	T10N, R18E Sections 15 and 22 City of Hartford T10N, R18E Sections 15, 21, and 22 Town of Hartford	Washington County, City of Hartford, and private	6 ^d	Moderate-quality southern sedge meadow along the Rubicon River
3	STH 60 Swamp	NA-3	T10N, R18E Section 14 City of Hartford T10N, R18E Sections 14 and 23 Town of Hartford	Hartford Community Conservation Club and other private	31	Lowland hardwood swamp of moderate quality, containing some northern elements. Dominated by yellow birch and black ash
4	Pike Lake Woods	NA-3	T10N, R18E Section 24 Town of Hartford	Department of Natural Resources	131	Low- to medium-quality dry-mesic woods that has suffered from past disturbance, including grazing and selective logging. The irregular kettle moraine topography includes a prominent wooded kame at the southeast corner
5	Pike Lake Sedge Meadow ^e	NA-3 (RSH)	T10N, R18E Section 23 City of Hartford	Town of Hartford	12	Good-quality southern sedge meadow and shallow marsh at north end of Pike Lake

^aInventory conducted in 1994; ownership information updated in 2005.

^bNA-3 identifies Natural Area sites of local significance.

RSH, or Rare Species Habitat, identifies those sites which support rare, threatened, or endangered animal or plant species officially designated by the Wisconsin Department of Natural Resources.

^cA portion of the site extends into the Town of Erin. The total site is 28 acres.

^dA portion of the site extends into the City of Hartford. The total site is 30 acres.

^eThe Pike Lake Sedge Meadow is owned by the Town of Hartford but is located in the City of Hartford.

Source: Wisconsin Department of Natural Resources, Wisconsin Geological and Natural History Survey, and SEWRPC. Sites were identified as part of the regional natural areas plan, documented in SEWRPC Planning Report No. 42, A Regional Natural Areas and Critical Species Habitat Protection and Management Plan for Southeastern Wisconsin, September 1997.

more fully described in Table 21 and are shown on Map 9 in Chapter VI. The regional natural areas plan¹⁷ recommends the preservation of all natural areas owned or located in the Town through protective acquisition. The natural areas plan recommends that Washington County acquire those portions of the Rubicon Lowlands natural area which are not currently owned by the County or the City of Hartford, and that a nonprofit conservation organization acquire the CTH E Wetlands and STH 60 Swamp natural areas. The Pike Lake Woods natural area is owned by the DNR as part of the Kettle Moraine State Forest- Pike Lake Unit.

Critical Species Habitat and Aquatic Sites

Critical species habitat sites consist of areas outside natural areas that are important for their ability to support rare, threatened, or endangered plant or animal species. Such areas constitute “critical” habitat considered to be important to the survival of a particular species or group of species of special concern. Two wetland sites supporting a rare bird species (the Black Tern) have been identified in the Town of Hartford. The two sites together encompass 26 acres, and are described in Table 22. The natural areas plan recommends that the Village of Slinger acquire the Unnamed Wetland critical species habitat site, a portion of which extends into the Town in Section 13. No public acquisition is recommended for the Werner Pond critical species habitat site located in

¹⁷Documented in SEWRPC Planning Report No. 42, A Regional Natural Areas and Critical Species Habitat Protection and Management Plan for Southeastern Wisconsin, September 1997.

Table 22

**CRITICAL SPECIES HABITAT SITES LOCATED OUTSIDE
NATURAL AREAS AND AQUATIC HABITAT AREAS IN THE TOWN OF HARTFORD: 2005^a**

CRITICAL SPECIES HABITAT SITES

Number on Map 9	Site Name and Classification Code ^b	Location	Site Area (acres)	Ownership	Species of Concern ^c
6	Unnamed Wetland (CSH-B)	T10N, R18E, Section 13; Village of Slinger and Town of Hartford	9 ^d	Private	Black tern (R) (Colony)
7	Werner Pond (CSH-B)	T10N, R18E, Section 25; Town of Hartford	17	Private	Black tern (R) (Colony)
Total – 2 Sites		--	26	--	--

AQUATIC HABITAT AREAS

River, Stream, or Lake	Size ^e	Rank ^f	Description ^h and Comments
Ashippun River upstream from Druid Lake	1.7 miles	AQ-3 (RSH)	Critical fish species present
Rubicon River downstream from Pike Lake	5.7 miles	AQ-3 (RSH)	Critical fish species present
Rubicon River upstream from Pike Lake	1.6 miles	AQ-3 (RSH)	Critical herptile species habitat
Pike Lake	461 acres ⁱ	AQ-2 (RSH)	A drainage lake with critical fish and herptile species present; important spawning area for game fish

^aInventory conducted in 1994; ownership information updated in 2005.

^bCSH-B identifies a critical bird species habitat site.

^c"R" refers to species designated as rare or special concern.

^dThe site totals 46 acres, with nine acres located in the Town and the remaining 37 acres located in the Village of Slinger.

^eSize is listed as stream miles for rivers and streams and lake surface area (in acres) for lakes. Includes the length of a river or stream and the area of a lake located within the Town.

^fAQ-2 identifies Aquatic Area sites of countywide or regional significance.

AQ-3 identifies Aquatic Area sites of local significance.

RSH, or Rare Species Habitat, identifies those aquatic areas which support rare, endangered, threatened, or "special concern" species officially designated by the Wisconsin Department of Natural Resources.

^h"Seepage lakes" are lakes which have no inlet or outlet and whose main source of water is direct precipitation and runoff supplemented by groundwater. "Spring lakes" are lakes which have no inlet but do have an outlet and whose main source of water is groundwater flowing directly into the basin and from the immediate drainage area. "Drainage lakes" are lakes that have both an inlet and an outlet and whose main water source is a river or stream.

ⁱThe site totals 469 acres, with 461 acres located in the Town and the remaining eight acres located in the City of Hartford.

Source: Wisconsin Department of Natural Resources, Wisconsin Geological and Natural History Survey, and SEWRPC. Sites were identified as part of the regional natural areas plan, documented in SEWRPC Planning Report No. 42, A Regional Natural Areas and Critical Species Habitat Protection and Management Plan for Southeastern Wisconsin, September 1997.

Section 25 of the Town at the intersection of Powder Hill Road and CTH E. Federal and State wetland regulations will provide some protection to the site. There are also four aquatic sites supporting endangered or rare fish and/or herptile species in the Town containing about nine miles of rivers and streams and 461 acres of lake water. Aquatic habitat sites are protected under DNR regulations and County shoreland regulations.

Reestablishment of Forest Interior

In addition to setting forth recommendations for the protection of existing areas with important biological resources, the regional natural areas plan also recommends that efforts be made to reestablish relatively large tracts of grasslands and forest interiors in the Region. Reestablishment of such tracts would serve to provide additional habitat for bird populations, which have been adversely affected by loss of habitat due to development in the Region. Two sites in Washington County, one in the Town of Addison and one in the Town of Trenton, were identified for reestablishment of forest interior.

Environmental Corridors and Isolated Natural Resource Areas

One of the most important tasks completed under the regional planning program for Southeastern Wisconsin has been the identification and delineation of those areas in which concentrations of the best remaining elements of the natural resource base occur. It has been recognized that preservation of these areas is essential to both the maintenance of the overall environmental quality of the Region and to the continued provision of the amenities required to maintain a high quality of life for residents.

Seven elements of the natural resource base are considered essential to the maintenance of the ecological balance and the overall quality of life in the Region, and served as the basis for identifying the environmental corridor network. These seven elements are: 1) lakes, rivers, and streams and associated shorelands and floodplains; 2) wetlands; 3) woodlands; 4) prairies; 5) wildlife habitat areas; 6) wet, poorly-drained, and organic soils; and 7) rugged terrain and high relief topography. In addition, there are certain other features which, although not a part of the natural resource base, are closely related to the natural resource base and were used to identify areas with recreational, aesthetic, ecological, and natural value. These features include existing park and open space sites, potential park and open space sites, historic sites, scenic areas and vistas, and natural areas.

The mapping of these 12 natural resource and resource-related elements results in a concentration of such elements in an essentially linear pattern of relatively narrow, elongated areas that have been termed "environmental corridors" by SEWRPC. Primary environmental corridors include a wide variety of the most important natural resources and are at least 400 acres in size, two miles long, and 200 feet wide. Secondary environmental corridors serve to link primary environmental corridors, or encompass areas containing concentrations of natural resources between 100 and 400 acres in size. Where secondary environmental corridors serve to link primary corridors, no minimum area or length criteria apply. Secondary environmental corridors that do not connect primary corridors must be at least 100 acres in size and one mile long. An isolated concentration of natural resource features, encompassing at least five acres but not large enough to meet the size or length criteria for primary or secondary environmental corridors, is referred to as an isolated natural resource area.

The preservation of environmental corridors and isolated natural resource areas in essentially natural, open uses can help reduce flood flows, reduce noise pollution, and maintain air and water quality. Corridor preservation is important to the movement of wildlife and for the movement and dispersal of seeds for a variety of plant species. In addition, because of the many interacting relationships between living organisms and their environment, the destruction and deterioration of any one element of the natural resource base may lead to a chain reaction of deterioration and destruction. For example, the destruction of woodland cover may result in soil erosion and stream siltation, more rapid stormwater runoff and attendant increased flood flows and stages, as well as destruction of wildlife habitat. Although the effects of any single environmental change may not be overwhelming, the combined effects will eventually create serious environmental and developmental problems. These problems include flooding, water pollution, deterioration and destruction of wildlife habitat, reduction in groundwater recharge, as well as a decline in the scenic beauty of the County. The importance of maintaining the integrity of the remaining environmental corridors and isolated natural resource areas thus becomes apparent.

Primary and secondary environmental corridors and isolated natural resource areas are shown on Map 10 in Chapter VI. The primary environmental corridors in the Town are located principally along the Ashippun River and its tributaries, the Rubicon River and its tributaries, and within the Kettle Moraine State Forest on the east side of Pike Lake. In 2000, 3,163 acres, comprising about 17 percent of the Town, were encompassed within primary environmental corridors. Secondary environmental corridors consisted principally of scattered wetlands

Table 23**PUBLIC AND PRIVATE PARK, RECREATION, AND OPEN SPACE SITES IN THE TOWN OF HARTFORD: 2008**

Public Sites	Size ^a (acres)
State of Wisconsin Kettle Moraine State Forest – Pike Lake Unit.....	474
Washington County Family Park and Washington County Golf Course	277
Joseph P. Marx Woods and Nature Preserve	39
Town of Hartford Sites 2 nd Street Boat Access.....	1
Town of Hartford Park.....	12
Town of Hartford Wetland Mitigation Site ^b	26
City of Hartford Site Maple Park	2
Subtotal – Seven Public Sites	831
Private Sites	Size (acres)
Hartford Community Conservation Club.....	31
Hartford Country Club	225
Ice Age Park and Trail Foundation.....	3
Park View Heights Subdivision Park	5
John Daehn Boat Launch	1
Reef Point Resort	2
Subtotal – Six Private Sites	267
Total – 13 Sites	1,098

^aSite area is rounded to the nearest whole number. Sites less than one acre are rounded up to one acre.

^bThe wetland mitigation site is located in the City of Hartford, but is owned by the Town. The site includes the Pike Lake Sedge Meadow natural area.

Source: SEWRPC Park and Open Space Site Inventory.

following sections. There were a total of seven publicly-owned park and open space sites in or owned by the Town of Hartford, encompassing 831 acres, and six privately owned park and open space sites in the Town, encompassing 267 acres.

County and State-Owned Park and Open Space Sites

Washington County

The 277-acre Family Park/Washington County Golf Course and the 39-acre Joseph P. Marx Woods and Nature Preserve are County parks located in the Town. The Washington County park and open space plan recommends that the County acquire an additional 200 acres in the Town for this site. The 223-acre Heritage Trails Park in the Town of Polk is another County park that is conveniently located for a number of Town of Hartford residents.

Wisconsin Department of Natural Resources

The DNR has acquired large areas of park and open space lands in Washington County for a variety of resource protection and recreational purposes. One of these DNR sites, the Kettle Moraine State Forest-Pike Lake Unit encompasses a total area of 695 acres, of which 474 acres are located in the Town of Hartford. The remainder of the site is located in the City of Hartford.

In addition to land currently owned by the DNR, there is a larger project boundary associated with each of the larger DNR-owned areas. Project boundaries are approved by the Wisconsin Natural Resources Board for State forests, parks, and wildlife areas. Lands within the approved project boundaries have been identified by the Board as appropriate additions to adjacent forests, natural areas, or wildlife areas and are intended to be acquired by the

and encompassed 924 acres, or about 5 percent of the Town. Isolated natural resource areas within the Town generally consisted of scattered, small, wooded areas, and accounted for 415 acres, or about 2 percent of the Town.

Park and Open Space Sites

A comprehensive region wide inventory of park and open space sites was conducted in 1973 under the initial regional park and open space planning program conducted by SEWRPC. The inventory is updated periodically, and was updated in 2008 as part of this planning process. The inventory identified all park and open space sites owned by a public agency, including Federal, State, County, and local units of government and school districts. The inventory also included privately owned outdoor recreation sites such as golf courses, campgrounds, boating access sites, hunting clubs, group camps, and special use outdoor recreation sites. Sites owned by nonprofit conservation organizations, such as the Ozaukee Washington Land Trust (OWLT) and the Cedar Lakes Conservation Foundation, were also identified. As of 2008, there were 26,329 acres of park and open space land encompassing about 9 percent of Washington County, in fee simple ownership. An additional 1,674 acres were under conservation or other easements intended to protect the natural resources of a site.

Information on park and open space sites in the Town of Hartford is provided in Table 23 and in the

DNR, on a “willing seller-willing buyer” basis, for recreational or open space purposes as funding permits. The Kettle Moraine State Forest-Pike Lake Unit project boundary encompasses 513 acres in the Town, of which 55 acres are privately held.

Private and Public-Interest Resource Oriented Park and Open Space Sites

There are a number of conservation organizations active in Washington County, including the OWLT, the Cedar Lakes Conservation Foundation, The Nature Conservancy, and other non-profit conservation organizations. These organizations acquire lands for resource protection purposes. As of 2008, one such acquisition had occurred in the Town of Hartford: a three-acre site acquired by the Ice Age Park and Trail Foundation. The following paragraph describes conservation easements held by conservation organizations.

Lands Under Protective Easements

Several open space and environmentally sensitive sites in Washington County are protected under conservation easements. These easements are typically voluntary contracts between a private landowner and a land trust or government agency that limit, or in some cases prohibit, future development of the parcel. With the establishment of a conservation easement, the property owner sells or donates the development rights for the property to a land trust or government agency, but retains ownership. The owner is not prohibited from selling the property, but future owners must also abide by the terms of the conservation easement. The purchaser of the easement is responsible for monitoring and enforcing the easement agreement for the property. Conservation easements do not require public access to the property, although public access is generally required if Wisconsin stewardship funds or other DNR grant funds are used to acquire the property. One conservation easement of this type existed in the Town in 2008: an easement held by the OWLT on a 37-acre site in Section 22 west of Pike Lake.

Town of Hartford Park and Open Space Sites

Park and open space sites owned by the Town are set forth in Table 23. The Town of Hartford owns a small boat access site on the west side of Pike Lake, a 26-acre wetland mitigation site on the north side of Pike Lake and south of STH 60 (a portion of which includes the Pike Lake Sedge Meadow natural area), and a 12-acre picnic area/shelter adjacent to the Town Hall. Maple Park, a two-acre site owned by the City of Hartford is also located in the Town.

Commercial and Organizational Park and Open Space Sites

There are six private park and open space sites, also set forth in Table 23, located in the Town. Together, these six sites provide a total of 267 acres of recreational areas and open space.

PART 3 – INVENTORY OF CULTURAL RESOURCES

The term cultural resource encompasses historic buildings, structures and sites; archaeological sites; and museums. Cultural resources in Washington County have important recreational and educational value. Cultural resources help to provide the County and each of its distinct communities with a sense of heritage, identity, and civic pride. Resources such as historical and archaeological sites and historic districts can also provide economic opportunities through tourism.

Historical Resources

There were no historic places or districts in the Town that were listed on the National Register of Historic Places or the State Register of Historical Places in 2008. There were, however, six such sites located in the City of Hartford: Kissel’s Addition Historic District, Kissel’s Wheelock Addition Historic District; the George A. Kissel House, the Louis Kissel House, the Otto P. Kissel House, and the William L. Kissel House. Sites and districts listed on the National and State Registers of Historic Places have an increased measure of protection against degradation and destruction. Listing on the National or State Register requires government agencies to consider the impact of their activities, such as the construction or reconstruction of a highway, or a permit which they issue, on the designated property. If the property would be adversely affected, the agency must work with the State Historic Preservation Officer in an attempt to avoid or reduce adverse effects.

The 25 historic places and districts in Washington County listed on the National and State registers of historic places are only a small fraction of the buildings, structures, and districts listed in the Wisconsin Architecture and History Inventory. The Wisconsin Architecture and History Inventory is a database administered by the State Historical Society of Wisconsin of sites that have architectural or historical characteristics that may make them eligible for listing on the National and State registers of historic places. The inventory can be accessed through the State of Wisconsin Historical Society website at www.wisconsinhistory.org/ahi.

County and local governments may designate landmarks once a landmarks commission or historic preservation commission has been established by ordinance and certified by the State Historical Society. Procedures for designating local landmarks can and do vary depending on the local government. The Washington County Landmarks Commission has developed a simple, yet effective set of landmark designation procedures. First, an application is filed with the County Clerk by the owner of the proposed landmark. The County Landmarks Commission – composed of nine individuals appointed by the County Board Chairperson – then votes on whether to approve or deny the application based on a set of criteria established by the Commission. These criteria aim to protect, enhance, and perpetuate archaeological sites, geological formations, and structures of special historical value or interest. The Landmarks Commission in Washington County is given full authority by the County Board to designate and remove landmarks.

In addition to historic sites and districts listed on the National and State Registers of Historic Places, 33 sites have been designated as County landmarks by the Washington County Landmarks Commission. One of the County Landmarks, the Gertsch Log Home on Pike Lake, is located in the Town.

Archaeological Resources

Preservation of archaeological resources is also important in preserving the cultural heritage of Washington County. Like historical sites and districts, significant prehistoric and historic archaeological sites provide the County and each of its communities with a sense of heritage and identity, which can provide for economic opportunities through tourism if properly identified and preserved. Archaeological sites found in Washington County fall under two categories: prehistoric sites and historic sites. Prehistoric sites are defined as those sites which date from before written history. Historic sites are sites established after history began to be recorded in written form (the State Historical Society of Wisconsin defines this date as A.D. 1650).

As of 2005, there were 425 known prehistoric and historic archaeological sites in Washington County listed in the State Historical Society's Archaeological Sites Inventory, including prehistoric and historic camp sites, villages, and farmsteads; marked and unmarked burial sites; and Native American mounds. There are three mound groups in the Town of Farmington listed on the National Register of Historic Places: the Lizard Mound group, located in and adjacent to Lizard Mound County Park, the Glass mound group, and the Susen-Backhaus mound group. These three mound groups together are classified as the "Island" Effigy mound district listed on the National Register.

An additional mound group in the County was recently acquired by the City of West Bend and incorporated into Quaas Creek Park. This group, known as the Joedike Mound group, is located near the confluence of Quaas Creek and the Milwaukee River on the east side of the City of West Bend.

Local Historical Societies and Museums

The Town of Hartford does not have a local historical society; however, the resources of the Washington County Historical Society, itself affiliated with the State Historical Society of Wisconsin, are available to Town residents. The County Society operates several historic sites within the County, including the Old Courthouse and the Old Jailhouse Museums in the City of West Bend. The museums include interactive and interpretive galleries and a research center. The Washington County Historical Society is also working to convert the St. Agnes Convent in the Town of Barton to a museum over the next few years. This site consists of three buildings constructed in the mid-19th century. Other museums in Washington County include the Wisconsin Automotive Museum in the City of Hartford and the Museum of Wisconsin Art in the City of West Bend.

Table 24

CULTURAL ORGANIZATIONS AND VENUES IN WASHINGTON COUNTY: 2007

Cultural Organizations	Cultural Venues
Broken Valley Saddle Club	Cedar Lake Campus Theatre
Deuschatadt Heritage Foundation, Inc.	Chandelier Ballroom
Discalced Carmelite Friars, Holy Hill	Christ Church Museum
Downtown West Bend Association	Dheinsville Settlement
Friends of Kewaskum	Holy Hill
Friends of LacLawrann Conservancy	Lac Lawrann
Germantown Junior Women's Club	Museum of Wisconsin Art
Hartford Area Chamber of Commerce	Old Courthouse Square Museum
Hartford City Band	Richfield Historical Park
Hartford Community Choir	Riveredge Nature Center
Hartford Downtown Business Improvement District	Schauer Arts and Activities Center
It's a Stitch Quilt Guild	Shalom Wildlife Sanctuary
Kettle Moraine Fine Arts Guild	Sila Lydia Bast Bell Museum
Kettle Moraine Symphony	UW-Washington County
Kewaskum Junior Women's Club	Washington County Fair Park
Kiwanis Noon Club	Washington County UW Theatre
Lighthouse Ministry, Inc.	West Bend Community Memorial Library
Moraine Symphonic Band	Wisconsin Automotive Museum
Museum of Wisconsin Art Friends	
Richfield Historical Society	
Richfield Lioness Club	
Riveredge Bird Club	
Slinger Advancement Association	
Slinger Area Women's Association	
Tri-County Pork Producers	
Washington County Farm Bureau Women	
Washington County Historical Society	
Washington County Humane Society	
West Bend Wisconsin Chapter Model A Ford Club	
Ziegler Kettle Moraine Jazz Festival	

Note: This table is not intended to be an exhaustive list of all cultural organizations and venues in Washington County, but rather to provide examples of cultural resources that are available.

Source: Washington County Convention and Visitors Bureau and SEWRPC.

Cultural Venues, Events, and Organizations

Cultural performances, events, and organizations that showcase the arts and the heritage of Washington County and its cities, towns, and villages contribute to the quality of life and economy of the County. There are several venues at which cultural performances are regularly held. Many of these venues are not historic themselves, but serve as a cultural resource because they facilitate culturally significant performances and exhibits. They are listed in Table 24.

PART 4 – AGRICULTURAL, NATURAL, AND CULTURAL RESOURCES GOALS, OBJECTIVES, POLICIES, AND PROGRAMS

Goals:

- Maintain and preserve the Town's overall rural character.
- Preserve agricultural lands and protect farming operations.
- Protect environmental resources.
- Allow expansion of extractive sites where impacts are minimal on adjacent land uses.
- Encourage preservation of historic and archaeological sites.

Objectives:

- Preserve agricultural lands, environmental resources, and other open spaces.
- Buildings should be sited to minimize impact on the Town's rural landscape.
- Strive to preserve and protect the scenic and aesthetic resources of the Town.
- Retain agricultural lands for exclusive agricultural use, concentrating on productive farm attributes and areas that are free from nonfarm development.
- Maintain adequate distance between nonfarm development and farming operations to reduce potential conflicts.
- Preserve wetlands.
- Prohibit development within floodplains and on steep slopes.
- Promote the preservation and restoration of wildlife habitat.
- Encourage landowners to preserve woodlands.
- Protect the quality of surface waters, which are important for recreational activities such as fishing, swimming, and canoeing.
- Protect the quality of groundwater, which is essential for the public health, safety, and general welfare.
- Maintain water quantity to ensure adequate supplies for farming and for urban uses.
- Support the implementation of the Federal Clean Air Act.

Policies:

- Preserve productive farmlands, particularly those parcels scoring 7.0 or above in the LESA analysis and designated for Agricultural Preservation on the Town land use plan map (Map 11 in Chapter VI), to ensure they will remain available for the provision of food and fiber; contribute to the agricultural and agricultural-related economy of the area; maximize the return on capital invested in agricultural irrigation and drainage systems and soil and water conservation practices; and minimize conflicts between farming operations and activities associated with urban and suburban land uses.
- Support private initiatives to protect rural lands through the use of conservation strategies such as easements, covenants, and deed restrictions.
- Allow farm-related and farm family residences in agricultural areas. New residential lots in areas designated for Agricultural Preservation that are created for a farm owner, operator, worker, or parent or child of a farm operator must meet the requirements of the Town zoning and land division ordinances, and the following requirements: the lot will not convert land that has been

devoted primarily to agricultural uses; the lot will not limit or detract from the surrounding land's potential for agricultural use; the lot will not conflict with farming operations on other properties; the lot will make use of existing access roads if practical or is part of an existing farmstead; and will be designed in a way to maintain a rural setting.

- Create transitional areas on the Town land use plan map that will preserve agricultural uses while providing for future development needs near, or adjacent to, existing development and where there is increasing development pressure.
- Use the guidelines set forth in Table 25 to discourage incompatible land uses in primary and secondary environmental corridors. Environmental corridors are shown on the Town land use plan map.
- Protect natural resource features, including those within primary and secondary environmental corridors, which provide habitats for native plants and wildlife.
- Wetlands are to be maintained in a natural state. Any disturbance of wetlands shall be in accordance with Federal, State, and County laws and regulations.
- A substantial vegetated buffer of at least 75 feet is recommended between all new development and wetlands for the protection from runoff and erosion. The buffer strip shall consist of plant species which are compatible and appropriate for wetlands protection. The buffer shall remain in vegetation for the purposes of water quality and natural resources protection.
- Wetlands shall not be utilized for the purposes of stormwater retention or as a detention basin. Where wetlands are used as a receiving point for water, runoff shall be controlled so that wetland functions are not disrupted.
- Lands within the 100-year floodplain, as shown on the FEMA Flood Insurance Rate Maps, shall be protected from development to avoid damage to private and public property, and to protect the health, safety, and welfare of residents of the Town of Hartford.
- The Town shall not approve rezoning or development sites on slopes over 12 percent.
- Lakes, ponds, streams, creeks, and other waterways shall be protected from disturbance and damage to ensure protection of water quality. Practices, such as limiting the access of cattle to waterways, stormwater detention basins, manure storage structures, erosion control measures, vegetative plantings, and buffer strips along waterways, are some of the techniques available to protect the Town's water resources.
- Continue to encourage nonpoint source pollution controls to reduce soil loss and contaminant loadings through preparation of farm conservation plans and implementation of integrated nutrient and pest management practices in accordance with the Washington County land and water resource management plan.
- Work with the Pike Lake Protection and Rehabilitation District to implement the recommendations of the Lake Management Plan for Pike Lake.
- All new development proposals in the Town shall include plans for stormwater management and erosion control.
- The Town shall work with Federal, State, and County governments to protect ground and surface water quality through the regulation of potential sources of contamination, such as junk yards, solid waste sites, above and below ground storage tanks, and manure storage facilities.
- Continuation of agricultural uses, preservation of natural resources, or residential development at an average density of at least five acres per home are recommended in areas identified as having very high or high groundwater recharge potential, in order to preserve groundwater recharge capabilities. If urban-density development is allowed, land development and stormwater management practices such as the use of permeable pavement, set-aside open space, landscaping with drought-tolerant plants (i.e. native plants) and landscape mulch versus turf/grass, rain gardens, and bioswales should be integrated into the site design and development to help preserve

Table 25

GUIDELINES FOR DEVELOPMENT CONSIDERED COMPATIBLE WITH ENVIRONMENTAL CORRIDORS AND ISOLATED NATURAL RESOURCE AREAS

Component Natural Resource and Related Features within Environmental Corridors ^a	Permitted Development																
	Transportation and Utility Facilities (see General Development Guidelines below)				Recreational Facilities (see General Development Guidelines below)											Rural Density Residential Development (see General Development Guidelines below)	Other Development (See General Development Guidelines below)
	Streets and Highways	Utility Lines and Related Facilities	Engineered Stormwater Management Facilities	Engineered Flood Control Facilities ^b	Trails ^c	Picnic Areas	Family Camping ^d	Swimming Beaches	Boat Access	Ski Hills	Golf	Playfields	Hard-Surface Courts	Parking	Buildings		
Lakes, Rivers, and Streams	-- ^e	-- ^{f,g}	--	-- ^h	-- ⁱ	--	--	X	X	--	--	--	--	--	--	--	--
Shoreland ^j	X	X	X	X	X	X	--	X	X	--	X	--	--	X	X	--	--
Floodplain ^k	-- ^l	X	X	X	X	X	--	X	X	--	X	X	--	X	X	--	--
Wetland ^m	-- ^l	X	--	--	X ⁿ	--	--	--	X	--	-- ^o	--	--	--	--	--	--
Wet Soils	X	X	X	X	X	--	--	X	X	--	X	--	--	X	--	--	--
Woodland	X	X	X ^p	--	X	X	X	--	X	X	X	X	X	X	X ^q	X	X
Wildlife Habitat	X	X	X	--	X	X	X	--	X	X	X	X	X	X	X	X	X
Steep Slope	X	X	--	--	-- ^r	--	--	--	--	X ^s	X	--	--	--	--	--	--
Prairie	--	-- ^g	--	--	-- ^r	--	--	--	--	--	--	--	--	--	--	--	--
Park	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	--	--
Historic Site	--	-- ^g	--	--	-- ^r	--	--	--	--	--	--	--	--	X	--	--	--
Scenic Viewpoint	X	X	--	--	X	X	X	--	X	X	X	--	--	X	X	X	X
Natural Area or Critical Species Habitat Site	--	--	--	--	-- ^q	--	--	--	--	--	--	--	--	--	--	--	--

NOTE: An "X" indicates that facility development is permitted within the specified natural resource feature. In those portions of the environmental corridors having more than one of the listed natural resource features, the natural resource feature with the most restrictive development limitation should take precedence.

APPLICABILITY

These guidelines indicate the types of development that can be accommodated within primary and secondary environmental corridors and isolated natural resource areas while maintaining the basic integrity of those areas. Throughout this table, the term "environmental corridors" refers to primary and secondary environmental corridors and isolated natural resource areas.

Under the regional plan:

- As regionally significant resource areas, primary environmental corridors should be preserved in essentially natural, open use—in accordance with the guidelines in this table.
- Secondary environmental corridors and isolated natural resource areas warrant consideration for preservation in essentially natural open use, as determined in county and local plans and in a manner consistent with State and Federal regulations. County and local units of government may choose to apply the guidelines in this table to secondary environmental corridors and isolated natural resource areas.

GENERAL DEVELOPMENT GUIDELINES

- Transportation and Utility Facilities:** All transportation and utility facilities proposed to be located within the important natural resources should be evaluated on a case-by-case basis to consider alternative locations for such facilities. If it is determined that such facilities should be located within natural resources, development activities should be sensitive to, and minimize disturbance of, these resources, and, to the extent possible following construction, such resources should be restored to preconstruction conditions.

The above table presents development guidelines for major transportation and utility facilities. These guidelines may be extended to other similar facilities not specifically listed in the table.

- Recreational Facilities:** In general, no more than 20 percent of the total environmental corridor area should be developed for recreational facilities. Furthermore, no more than 20 percent of the environmental corridor area consisting of upland wildlife habitat and woodlands should be developed for recreational facilities. It is recognized, however, that in certain cases these percentages may be exceeded in efforts to accommodate needed public recreational and game and fish management facilities within appropriate natural settings. In all cases however, the proposed recreational development should not threaten the integrity of the remaining corridor lands nor destroy particularly significant resource elements in that corridor. Each such proposal should be reviewed on a site-by-site basis.

The above table presents development guidelines for major recreational facilities. These guidelines may be extended to other similar facilities not specifically listed in the table.

- Rural Density Residential Development:** Rural density residential development may be accommodated in upland environmental corridors, provided that buildings are kept off steep slopes. The maximum number of housing units accommodated at a proposed development site within the environmental corridor should be limited to the number determined by dividing the total corridor acreage within the site, less the acreage covered by surface water and wetlands, by five. The permitted housing units may be in single-family or multi-family structures. When rural residential development is accommodated, conservation subdivision designs are strongly encouraged.

Table 25 (continued)

- **Other Development:** In lieu of recreational or rural density residential development, up to 10 percent of the upland corridor area in a parcel may be disturbed in order to accommodate urban residential, commercial, or other urban development under the following conditions: 1) the area to be disturbed is compact rather than scattered in nature; 2) the disturbance area is located on the edge of a corridor or on marginal resources within a corridor; 3) the development does not threaten the integrity of the remaining corridor; 4) the development does not result in significant adverse water quality impacts; and 5) development of the remaining corridor lands is prohibited by a conservation easement or deed restriction. Each such proposal must be reviewed on a site-by-site basis.

Under this arrangement, while the developed area would no longer be part of the environmental corridor, the entirety of the remaining corridor would be permanently preserved from disturbance. From a resource protection point of view, preserving a minimum of 90 percent of the environmental corridor in this manner may be preferable to accommodating scattered homesites and attendant access roads at an overall density of one dwelling unit per five acres throughout the upland corridor areas.

- **Pre-Existing Lots:** Single-family development on existing lots of record should be permitted as provided for under county or local zoning at the time of adoption of the land use plan.
- All permitted development presumes that sound land and water management practices are utilized.

FOOTNOTES

^aThe natural resource and related features are defined as follows:

Lakes, Rivers, and Streams: Includes all lakes greater than five acres in area and all perennial and intermittent streams as shown on U. S. Geological Survey quadrangle maps.

Shoreland: Includes a band 50 feet in depth along both sides of intermittent streams; a band 75 feet in depth along both sides of perennial streams; a band 75 feet in depth around lakes; and a band 200 feet in depth along the Lake Michigan shoreline.

Floodplain: Includes areas, excluding stream channels and lake beds, subject to inundation by the 100-year recurrence interval flood event.

Wetlands: Includes areas that are inundated or saturated by surface water or groundwater at a frequency, and with a duration sufficient to support, and under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions.

Wet Soils: Includes areas covered by wet, poorly drained, and organic soils.

Woodlands: Includes areas one acre or more in size having 17 or more deciduous trees per acre with at least a 50 percent canopy cover as well as coniferous tree plantations and reforestation projects; excludes lowland woodlands, such as tamarack swamps, which are classified as wetlands.

Wildlife Habitat: Includes areas devoted to natural open uses of a size and with a vegetative cover capable of supporting a balanced diversity of wildlife.

Steep Slope: Includes areas with land slopes of 12 percent or greater.

Prairies: Includes open, generally treeless areas which are dominated by native grasses; also includes savannas.

Park: Includes public and nonpublic park and open space sites.

Historic Site: Includes sites listed on the National Register of Historic Places. Most historic sites located within environmental corridors are archaeological features such as American Indian settlements and effigy mounds and cultural features such as small, old cemeteries. On a limited basis, small historic buildings may also be encompassed within delineated corridors.

Scenic Viewpoint: Includes vantage points from which a diversity of natural features such as surface waters, wetlands, woodlands, and agricultural lands can be observed.

Natural Area and Critical Species Habitat Sites: Includes natural areas and critical species habitat sites as identified in the regional natural areas and critical species habitat protection and management plan.

^bIncludes such improvements as stream channel modifications and such facilities as dams.

^cIncludes trails for such activities as hiking, bicycling, cross-country skiing, nature study, and horseback riding, and excludes all motorized trail activities. It should be recognized that trails for motorized activities such as snowmobiling that are located outside the environmental corridors may of necessity have to cross environmental corridor lands. Proposals for such crossings should be evaluated on a case-by-case basis, and if it is determined that they are necessary, such trail crossings should be designed to ensure minimum disturbance of the natural resources.

^dIncludes areas intended to accommodate camping in tents, trailers, or recreational vehicles which remain at the site for short periods of time, typically ranging from an overnight stay to a two-week stay.

^eCertain transportation facilities such as bridges may be constructed over such resources.

^fUtility facilities such as sanitary sewers may be located in or under such resources.

^gElectric power transmission lines and similar lines may be suspended over such resources.

^hCertain flood control facilities such as dams and channel modifications may need to be provided in such resources to reduce or eliminate flood damage to existing development.

ⁱBridges for trail facilities may be constructed over such resources.

^jConsistent with Chapter NR 115 of the Wisconsin Administrative Code.

^kConsistent with Chapter NR 116 of the Wisconsin Administrative Code.

^lStreets and highways may cross such resources. Where this occurs, there should be no net loss of flood storage capacity or wetlands. Guidelines for mitigation of impacts on wetlands by Wisconsin Department of Transportation facility projects are set forth in Chapter Trans 400 of the Wisconsin Administrative Code.

^mAny development affecting wetlands must adhere to the water quality standards for wetlands established under Chapter NR 103 of the Wisconsin Administrative Code.

ⁿOnly an appropriately designed boardwalk/trail should be permitted.

^oWetlands may be incorporated as part of a golf course, provided there is no disturbance of the wetlands.

^pGenerally excludes detention, retention, and infiltration basins. Such facilities should be permitted only if no reasonable alternative is available.

^qOnly if no alternative is available.

^rOnly appropriately designed and located hiking and cross-country ski trails should be permitted.

^sOnly an appropriately designed, vegetated, and maintained ski hill should be permitted.

Source: SEWRPC 2035 Regional Land Use Plan.

groundwater recharge capability. The use of conservation subdivision design that results in less street and driveway pavement and provides more open space than a conventional subdivision design should also be encouraged.

- New development shall not result in the cutting of more trees than are necessary for the building site.
- An on-site reforestation plan shall be submitted for review by the Town for new development in woodlots five acres or larger.
- Accommodate nonmetallic mineral extraction through the expansion of existing extractive sites rather than the establishment of new sites.
- The expansion of extractive sites will not be detrimental to or endanger the public health, safety, and general welfare of Town residents.
- Extractive sites will not negatively impact the future development or use of neighboring property.
- Cooperate with the State Historical Society of Wisconsin and the Washington County Landmarks Commission as those agencies conduct historical surveys to identify historically significant structures and districts in the Town and methods to protect them.
- Support the efforts of cultural organizations to organize and promote cultural venues and events in the Town and County.

Programs:

- Encourage the continuation of agricultural uses in areas designated for agriculture on the Town land use plan map through administration of the Town's zoning and land division ordinances. Lands designated for Agricultural Preservation on the land use plan map should be placed in the Agricultural Preservation zoning district. Lands designated as Agricultural Transition on the land use plan map should be placed in the Agricultural Transition zoning district.
- Consider amending the Town zoning ordinance to establish a maximum number of residences that may be constructed for family members on parcels zoned AP or AT.
- Consider amending the Town zoning ordinance to include an Upland Conservancy district or to enact regulations to protect portions of primary and secondary environmental corridors located outside wetlands, floodplains, and shorelands.
- Following adoption of the Regional Water Supply Plan by SEWRPC, the Town Plan Commission and Town Board will consider amending this plan to incorporate pertinent recommendations.
- Consider amending the Town zoning map to place wetlands in the Wetland Conservancy zoning district.
- Continue to cooperate with Washington County to enforce the County construction site erosion control and stormwater management ordinance and the County shoreland and floodplain zoning ordinance within the Town to help protect water quality and to protect residents and property owners from flooding hazards.
- The Town will work with property owners and Washington County to achieve site planning to minimize erosion and disruption to slopes and vegetation. Review of development site and rezoning requests will include consideration of the placement of driveways and soil types. Driveways shall be routed so as to not disrupt steep slopes, and contain erosion control measures for slopes of 8-12 percent.
- Work with OWLT and other Nonprofit Conservation Organizations to protect primary and secondary environmental corridors, natural areas, critical species habitat sites, and other endangered species habitat areas.

- Work with SEWRPC to prepare and implement a management plan for the Pike Lake Sedge Meadow natural area, which is owned by the Town.
- Continue to maintain Town parks, open space sites, and public access sites and encourage the development of additional parks and recreational facilities as needs are identified and funding becomes available.
- Consider preparing and adopting a Town park and open space plan to become eligible to receive available State and Federal outdoor recreation grants.
- Continue to regulate nonmetallic mineral extraction in accordance with the Town zoning ordinance and nonmetallic mining reclamation ordinance.
- Enforce reclamation plans for gravel pits and other extractive sites.
- Upon request, forward appropriate Town records of historical value to interested organizations.

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Chapter VI

LAND USE ELEMENT

INTRODUCTION

The land use element is one of the nine elements of a comprehensive plan required by Section 66.1001 of the *Wisconsin Statutes*. Section 66.1001(2)(h) of the *Statutes* requires this element to compile goals, objectives, policies, programs, and maps to guide future development and redevelopment of public and private property. The *Statutes* also require this element to include:

- Information regarding the amount, type, and intensity or density of existing land uses
- Land use trends
- Potential land use conflicts
- Projected land use needs in five year increments to the plan design year (2035)
- Maps showing existing and future land uses; productive agricultural soils; natural limitations to building site development; floodplains, wetlands, and other environmentally sensitive lands; and boundaries of areas to which public utility and community services will be provided by the plan design year

In addition, the 14 State of Wisconsin comprehensive planning goals, which are related to each of the nine comprehensive plan elements, set forth in Section 16.965 of the *Statutes* must be addressed as part of the Town comprehensive planning process.¹ The Land Use Element relates to each of the other comprehensive plan elements, and therefore relates to all 14 State comprehensive planning goals. Goals that are most directly related to the Land Use Element include:

- Promotion of the redevelopment of land with existing infrastructure and public services and the maintenance and rehabilitation of existing residential, commercial, and industrial structures.
- Protection of natural areas, including wetlands, wildlife habitats, lakes, woodlands, open spaces, and groundwater resources.
- Protection of economically productive areas, including farmland and forests.
- Encouragement of land uses, densities and regulations that promote efficient development patterns and relatively low municipal, State government, and utility costs.

¹Chapter I lists all 14 comprehensive planning goals included in Section 16.965 of the *Statutes*.

- Providing adequate infrastructure and public services and an adequate supply of developable land to meet existing and future market demand for residential, commercial, and industrial uses.
- Balancing property rights with community interests and goals.
- Planning and development of land uses that create or preserve varied and unique urban and rural communities.

Section 16.965 also requires the identification of “Smart Growth Areas” in County and local plans. A “Smart Growth Area” is defined by the *Statutes* as “an area that will enable the development and redevelopment of lands with existing infrastructure and municipal, State, and utility services, where practicable, or that will encourage efficient development patterns that are both contiguous to existing development and at densities which have relatively low municipal, state governmental, and utility costs.”

All of the information required by the comprehensive planning law is provided in this chapter.

PART 1: EXISTING LAND USE CONDITIONS AND TRENDS

Land Use Trends

The Southeastern Wisconsin Regional Planning Commission (SEWRPC) periodically conducts a detailed land use inventory of the seven-county Region to inventory and monitor urban growth and development occurring over time. The land use inventory places all land and water areas into one of 66 land use categories. The most current detailed land use inventory was conducted in 2000. Based on that inventory, urban land uses, including residential, commercial, industrial, governmental and institutional, recreational, and transportation, communication, and utility uses, encompassed 2,274 acres, or about 12 percent of the Town. Nonurban land uses, consisting of agricultural lands; natural resource areas, including surface waters, wetlands, and woodlands; extractive sites; and unused land, encompassed 15,926 acres, or about 88 percent of the Town. A significant portion of the Town (about 62 percent) was used for agriculture.

The number of acres in various land use categories in the Town of Hartford in 1980, 1990, and 2000 is shown on Table 26. Table 26 also includes the acreage and percentage changes in each land use category between 1980 and 2000, and for intervening time periods.

Between 1980 and 2000, the amount of land used for urban uses, including residential, commercial, industrial, and transportation uses, increased by 641 acres, from 1,633 acres to 2,274 acres, or about 39 percent. The amount of land used for residential, commercial, and industrial purposes more than doubled during this time period. Most of this increase was due to single-family residential development, which increased by 350 acres, or about 42 percent, between 1980 and 2000.

The percentage of land classified as “nonurban” decreased by about 4 percent between 1980 and 2000. Much of the land developed for urban uses between 1980 and 2000 was converted from agricultural to urban use. The amount of land used for agriculture decreased by 758 acres, or by about 6 percent. The number of acres in the “open lands” category, that is, lands that are vacant and apparently unused, increased by 23 acres between 1980 and 2000. The area in woodlands increased between 1980 and 2000, while the number of acres in wetlands decreased. The area within extractive sites increased by about 223 percent, from 35 acres in 1980 to 113 acres in 2000.

Land Price

Equalized value trends by real estate class in the Town in 2003 and 2007 are set forth in Table 27. Undeveloped lands experienced the greatest increase in equalized value, with an increase of about 122 percent. Residential, commercial, and manufacturing properties also experienced increases of about 30, 48, and 16 percent, respectively, over the same period. The equalized value of agricultural, forest lands, and lands categorized as “other” decreased. The Town experienced an overall increase in equalized value of about 29 percent between 2003 and 2007, compared to a 40 percent increase in Washington County over the same period.

Table 26

LAND USE TRENDS IN THE TOWN OF HARTFORD: 1980-2000

Land Use Category	Area (Acres) ^a			Change					
	1980	1990	2000 ^b	1980-1990		1990-2000		1980-2000	
				Acres	Percent Change	Acres	Percent Change	Acres	Percent Change
Urban									
Residential									
Single-Family	838	962	1,188	124	14.8	226	23.5	0	41.8
Two-Family	--	--	--	--	--	--	--	--	--
Multi-Family	--	--	--	--	--	--	--	--	--
Mobile Homes.....	4	4	4	--	--	--	--	--	--
Subtotal	842	966	1,192	124	14.7	226	23.4	350	41.6
Commercial	13	14	17	1	7.7	3	21.4	4	30.8
Industrial	5	17	21	12	240.0	4	23.5	16	320.0
Transportation, Communications, and Utilities									
Street and Highway Rights-of- Way	498	501	573	3	0.6	72	14.4	75	15.1
Railroad Rights-of-Way	47	47	40	--	--	-7	-14.9	-7	-14.9
Communications and Utilities	6	6	7	--	--	1	16.7	1	16.7
Subtotal	551	554	620	3	0.5	66	11.9	69	12.5
Governmental and Institutional	13	14	17	1	7.7	3	21.4	4	30.8
Recreational	209	207	407	-2	-1.0	200	96.6	198	94.7
Urban Subtotal	1,633	1,772	2,274	139	8.5	502	28.3	641	39.3
Nonurban									
Natural Resource Areas									
Woodlands.....	789	845	853	56	7.1	8	0.9	64	8.1
Wetlands.....	2,701	2,603	2,660	-98	-3.6	57	2.2	-41	-1.5
Surface Water.....	509	506	505	-3	-0.6	-1	-0.2	-4	-0.8
Subtotal	3,999	3,954	4,018	-45	-1.1	64	1.6	19	0.5
Agricultural.....	11,959	11,808	11,201	-151	-1.3	-607	-5.1	-758	-6.3
Landfills	3	--	--	-3	-100.0	--	--	-3	-100.0
Extractive Sites	35	42	113	7	20.0	71	169.0	78	222.9
Open Lands	571	624	594	53	9.3	-30	-4.8	23	4.0
Nonurban Subtotal	16,567	16,428	15,926	-139	-0.8	-502	-3.1	-641	-3.9
Total	18,200	18,200	18,200	--	--	--	--	--	--

^aBased on the area within the Town on January 1, 2000.

^bAs part of the regional land use inventory for the year 2000, the delineation of existing land use was referenced to real property boundary information not available for prior inventories. This change increases the precision of the land use inventory and makes it more usable to public agencies and private interests throughout the Region. As a result of the change, however, year 2000 land use inventory data are not strictly comparable with data from the prior inventories. The most significant effect of the change is to increase the transportation, communication, and utilities category due to the use of actual street and highway rights-of-way as part of the 2000 land use inventory, as opposed to the use of narrower estimated rights-of-way in prior inventories. This treatment of streets and highways generally diminishes the area of adjacent land uses traversed by those streets and highways in the 2000 land use inventory relative to prior inventories.

Source: SEWRPC.

Existing Land Uses in 2008

The Town of Hartford, through its comprehensive plan, must look ahead at least twenty years to ensure adequate supplies of land for urban and nonurban land uses. To ensure that future planning reflects land use development that has occurred to date, the 2000 land use inventory was updated to 2008, based on the 2005 aerial photographs produced by SEWRPC, the record of subdivision and condominium plats maintained by Washington County, field checks, and consultation with Town officials. Major development in the Town between 2000 and 2008 included development of the Riegle View Estates single-family residential subdivision with 16 lots on about 10

Table 27

EQUALIZED VALUE BY REAL ESTATE CLASS IN THE TOWN OF HARTFORD: 2003 and 2007

Real Estate Class	Statement of Equalized Values 2003 ^a			
	Acres	Land	Improvements	Total
Residential.....	1,840	\$73,952,500	\$199,878,100	\$273,830,600
Commercial	307	3,084,100	5,489,600	8,573,700
Manufacturing.....	4	30,000	743,100	773,100
Agricultural.....	12,131	2,637,400	N/A	2,637,400
Undeveloped	1,860	3,498,500	N/A	3,498,500
Ag Forest	0	N/A	N/A	N/A
Swamp and Waste ...	N/A	N/A	N/A	N/A
Forest	650	2,689,600	N/A	2,689,600
Other ^c	246	4,464,000	15,461,300	19,925,300
Total	17,038	\$90,356,100	\$221,572,100	\$311,928,200

Real Estate Class	Statement of Equalized Values 2007 ^b				Change in Equalized Value 2003 and 2007	
	Acres	Land	Improvements	Total	Number	Percent
Residential.....	1,560	\$107,635,100	\$246,979,200	\$354,614,300	\$80,783,700	29.5
Commercial	400	5,331,400	7,393,200	12,724,600	4,150,900	48.4
Manufacturing.....	4	50,000	844,300	894,300	121,200	15.7
Agricultural.....	9,974	2,447,000	N/A	2,447,000	-190,400	-7.2
Undeveloped	2,889	7,763,600	N/A	7,763,600	4,265,100	121.9
Ag Forest	790	3,950,000	N/A	3,950,000	N/A	N/A
Swamp and Waste ...	N/A	N/A	N/A	N/A	N/A	N/A
Forest	211	2,110,000	N/A	2,110,000	-579,600	-21.5
Other ^c	192	4,608,000	12,904,300	17,512,300	-2,413,000	-12.1
Total	16,020	\$133,895,100	\$268,121,000	\$402,016,100	\$90,087,900	28.9

^aEqualized values for 2003 were as of March 15, 2004.

^bEqualized values for 2007 were as of November 15, 2007.

^cThis category includes agricultural buildings and improvements and the land necessary for their location.

Source: Wisconsin Department of Revenue and SEWRPC.

acres, which is located on the east side of the Town near Kettle Moraine Road and the Wisconsin and Southern Railroad (WSOR) railway. Other changes include conversion of the Wolf extractive site to industrial use and expansion of the Cedar Lake Sand and Gravel operation.

Map 8 shows generalized land use in the Town in the Spring of 2008. Acres within each land use category are shown on Table 28. The generalized land use map differs from the more precise 2000 land use inventory map (Map 6 in Chapter V) in that the generalized map includes farmhouses in the “agricultural” category rather than the “residential” category. Undeveloped portions of lots less than five acres and partially developed with a residential or other urban use were designated with the primary use of the lot, except where a portion of a lot was used for residential or another urban use and the remaining portion was used for agriculture. In such cases, both the urban use and the agricultural use were mapped.

Urban Land Uses

Urban land uses within the Town in 2008 included residential; commercial; industrial; governmental and institutional; recreational; and transportation, communication, and utility uses. Together, urban land uses encompassed 2,364 acres, or about 13 percent of the Town.

Residential

Residential land comprised the largest urban land use category in the Town. Residential uses encompassed 1,210 acres, or about 51 percent of all urban land and about 7 percent of the Town. Almost all residential land use consisted of single-family homes, occupying 1,205 acres. The Town also includes a four-acre mobile home park in Section 22 at the intersection of High Road and 1st Drive and one acre developed with a multi-family residence in Section 27 adjacent to CTH K and the City of Hartford.

Commercial

Commercial land encompassed 33 acres, or about 2 percent of all urban land and less than 1 percent of the Town. Commercial development was located along STH 83 south of the City of Hartford, at a few locations around Pike Lake, and in the hamlet of St. Lawrence along STH 175 near CTH K. Commercial uses included an office building, retail stores, an implement dealer, animal clinics, auto repair shops, an auto sales and repair business, and restaurants and taverns.

Industrial

Industrial land encompassed 44 acres, or about 2 percent of all urban land and less than 1 percent of the Town. Industrial uses were located between STH 60 and the Hartford Municipal Airport on the west side of Town, between STH 60 and the WSOR railway on the east side of Town, and in the hamlet of St. Lawrence in the northeast part of the Town. Industrial uses included storage buildings, a trucking company, and other private businesses.

Transportation, Communication, and Utilities

Transportation, communication, and utility land uses, which include arterial streets and highways, collector and minor (land access) streets, railways, and communication and utility facilities, comprised the second largest urban land use category. These uses encompassed 637 acres, or about 27 percent of all urban land and about 4 percent of the Town. Arterial highways serving the Town include STH 175, STH 83, STH 60, CTH E, CTH K, CTH N, CTH CC, Clover Road, and Kettle Moraine Road. Arterial street rights-of-way encompassed 231 acres, or about 40 percent of the area within street rights-of-way, and nonarterial street rights-of-way encompassed 358 acres. Railroad rights-of-way encompassed 40 acres, or less than 1 percent of the Town, and included segments of the Canadian National (CN) Railway in the northeast corner and WSOR railway across the Town from east to west, north of and generally parallel to STH 60. A description of highway and street classifications and rail services is provided in the Transportation Element (Chapter VIII).

Land used for communication facilities and utilities included a WE Energies tower, electrical substations, and pumping stations. Communication facilities and utilities encompassed eight acres, or less than 1 percent of the Town.

Governmental and Institutional

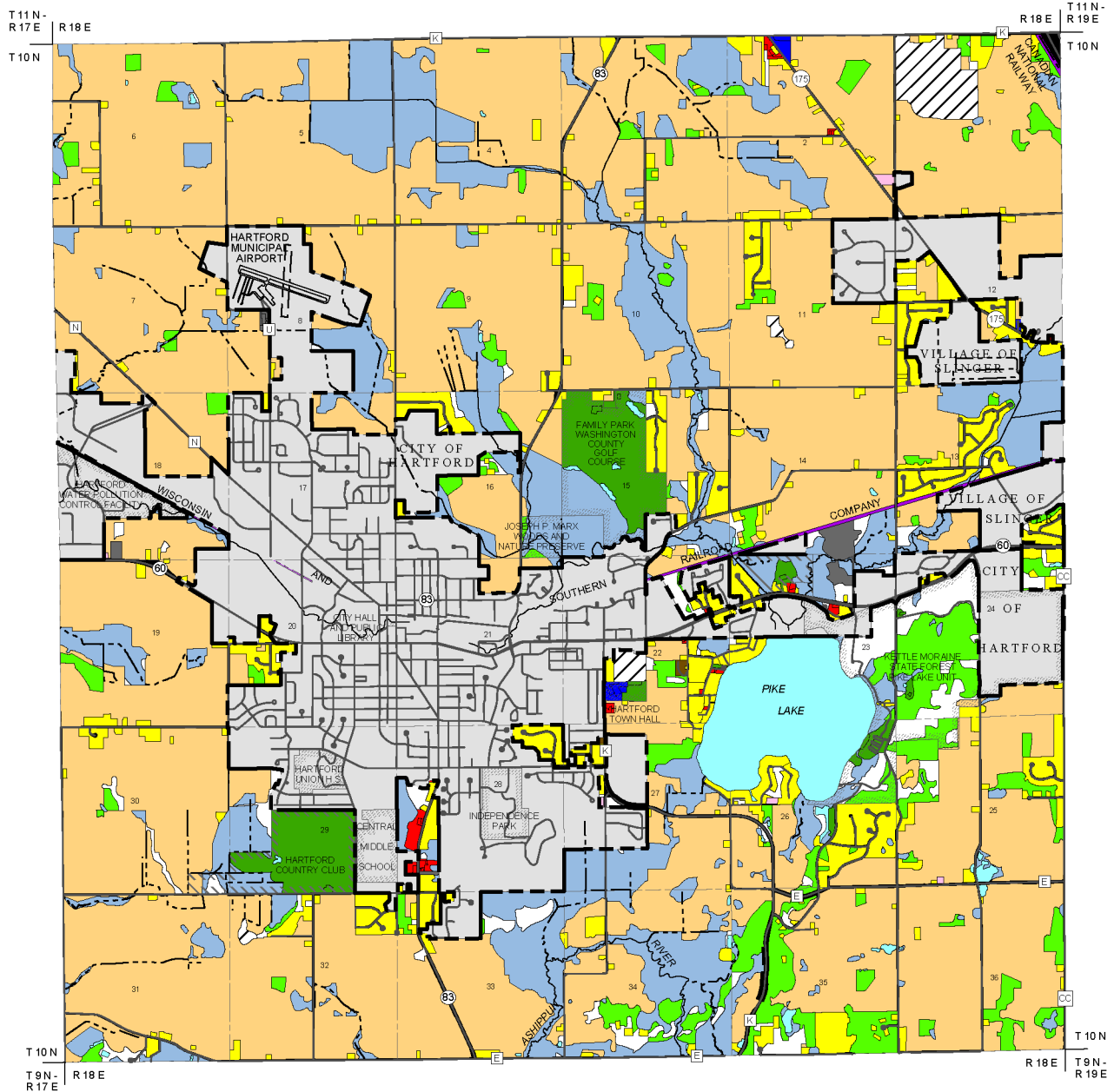
Government and institutional uses encompassed 17 acres, or about 1 percent of all urban land and less than 1 percent of the Town. Governmental and institutional lands in the Town include the Town Hall and the adjacent Town garage and recycling center; St. Lawrence church; and two cemeteries, including the St. Lawrence Catholic Cemetery adjacent to the church.

Recreational

Intensively used recreational land encompassed 423 acres, or about 18 percent of all urban land and 2 percent of the Town. Intensive recreational land includes only those parks or portions of parks that have been developed with buildings or facilities such as picnic shelters, playgrounds, playfields, golf courses, swimming beaches, boat ramps, and associated parking. There were six intensively used recreational sites in the Town consisting of the Town Park adjacent to Town Hall, portions of the Wisconsin Department of Natural Resources (DNR)-owned Kettle Moraine State Forest – Pike Lake Unit, the County-owned Family Park/Washington County Golf Course, the Hartford Country Club, the Park View Heights Subdivision Park, and the Hartford Community Conservation Club. The Town also has a boat access site on Pike Lake. The Joseph P. Marx Woods and Nature Preserve,

Map 8

GENERALIZED EXISTING LAND USES IN THE TOWN OF HARTFORD: 2008



Source: SEWRPC.

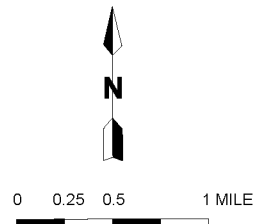


Table 28

LAND USES IN THE TOWN OF HARTFORD: 2008

Land Use Category ^a	Acres	Percent of Subtotal (Urban or Nonurban)	Percent of Total
Urban			
Residential			
Single-Family.....	1,205	51.0	6.6
Multi-Family and Mobile Homes.....	5	0.2	.. ^b
Subtotal	1,210	51.2	6.7
Commercial	33	1.4	0.2
Industrial	44	1.9	0.2
Transportation, Communications, and Utilities			
Street and Highway Rights-of-Way....	589	24.9	3.2
Railroad Rights-of-Way.....	40	1.7	0.2
Communications and Utilities	8	0.3	0.1
Subtotal	637	26.9	3.5
Governmental and Institutional ^c	17	0.7	0.1
Recreational ^d	423	17.9	2.3
Urban Subtotal	2,364	100.0	13.0
Nonurban			
Natural Resource Areas			
Woodlands	853	5.4	4.7
Wetlands	2,660	16.8	14.6
Surface Water	505	3.2	2.8
Subtotal	4,018	25.4	22.1
Agricultural ^e	11,133	70.5	61.3
Extractive.....	164	1.1	0.9
Open Lands ^f	479	3.0	2.7
Nonurban Subtotal	15,794	100.0	87.0
Total	18,158	--	100.0

Note: This table, and the accompanying map, is more general than the land use inventory conducted in 2000. The two inventories are therefore not directly comparable, due primarily to the inclusion of farmhouses as an agricultural use on parcels of 20 acres or larger, and the identification of entire parcels of five acres or less as residential areas if a house was on the property in 2008. Also, lands under development in 2008 are included in the underlying category. For example, lands platted for residential use but not yet developed are included in the residential category.

^aParking included in associated use.

^bLess than 0.05 percent.

^cIncludes government offices, cemeteries, religious institutions, and similar facilities.

^dIncludes only that land which is developed with recreational facilities.

^eFarmhouses are categorized as agricultural uses on parcels of 20 acres or larger in agricultural use.

^fOpen lands includes lands in rural areas that are not being farmed; DNR-owned lands that are not woodlands, wetlands, or surface water or developed with recreational facilities; and other lands that have not been developed, including vacant lots in existing subdivisions and other residual lands or outlots that have not been developed.

Source: SEWRPC.

currently used for stockpiling materials. There are also two inactive extractive sites, one north of the Town Hall and one south of the WSOR railway and west of Kettle Moraine Road. The latter site is now being used for industrial purposes.

owned by Washington County, is also located in the Town; however, this site is intended to protect natural resources rather than provide intensive recreation. A complete inventory of park and open space sites in the Town is included in Chapter V.

Nonurban Land Uses

Nonurban land uses consist of agricultural lands; natural resource areas, including surface waters, wetlands, and woodlands; extractive sites; and unused land. As indicated in Table 28 and on Map 10, nonurban land uses encompassed 15,794 acres, or about 87 percent of the Town, in 2008. Significant portions of the Town were used for agricultural purposes (about 61 percent).

Agricultural Lands

Agriculture was the predominant land use in the Town in 2008. Agricultural lands encompassed 11,133 acres, or about 61 percent of the Town. Agricultural lands include all croplands, pasture lands, and farm buildings. A more detailed inventory of agricultural land in the Town is included in Chapter V.

Natural Resource Areas

Natural resource areas consisting of surface water, wetlands, and woodlands combined to encompass 4,018 acres, or about 22 percent of the Town. Natural resource areas included lakes, rivers, wetlands, and woodlands. Major natural resource lands include Pike Lake, the Kettle Moraine State Forest - Pike Lake Unit, the Joseph P. Marx Woods and Nature Preserve, and wetlands, including those associated with the Ashippun and Rubicon Rivers. A complete inventory of natural resource areas is included in Chapter V.

Extractive Sites

Extractive sites encompassed about 156 acres, or about 1 percent of nonurban land uses and about 1 percent of the Town in 2008. There were two operating nonmetallic mining (extractive) sites in the Town. Cedar Lake Sand & Gravel Company is the larger extractive site and is located in Section 1 in the northeastern portion of the Town. A second extractive site (Heartland) is located in Section 11.

A third extractive site in Section 32 (Maher) is

Table 29

**LANDFILLS AND CONTAMINATED SITES IDENTIFIED BY THE
DEPARTMENT OF NATURAL RESOURCES IN THE TOWN OF HARTFORD: 2008**

Name	Site Location	Activity Type ^a	Size (acres)	Status/Comments
George Strobel Farm	7520 STH 60	Former Landfill	3.0	Closed landfill declared an "open" contaminated site by DNR in 1980 and changed to "no action required" in 2003
Leo Guelig Landfill	6361 STH 60	Former Landfill	1.6	Closed landfill declared an "open" contaminated site by DNR in 1980 and changed to "no action required" in 2003
Pike Lake State Park	Kettle Moraine Road	Former Landfill	0.7	Closed landfill declared an "open" contaminated site by DNR in 1980 and changed to "no action required" in 2003

^aIncludes former landfills and Environmental Repair (ERP) contaminated sites.

Source: Wisconsin Department of Natural Resources and SEWRPC.

Open Lands

Open lands encompassed 479 acres, or about 3 percent of the Town. Open lands include lands in rural areas that are not being farmed, and other lands that have not been developed. Examples of lands in the latter category include undeveloped portions of park sites, lots that have been platted but not yet developed, undeveloped portions of commercial and industrial lots, and undeveloped portions of residential lots larger than five acres.

Former Landfills and Contaminated Sites

Former Landfills

There are no active landfills in the Town. The DNR has identified three former landfills. The former landfill sites together encompass five acres, and are listed on Table 29 and shown on Map 10 (Natural Limitations for Building Site Development). The DNR register of waste disposal sites includes active, inactive, and abandoned sites where solid or hazardous wastes were known or likely to have been disposed. The inclusion of a site does not mean that environmental contamination has occurred, is occurring, or will occur in the future, but is intended to serve as a general informational source for the public and Town officials regarding the location of waste disposal sites. None of the three former landfill sites have been identified as a contaminated site by the DNR.

Contaminated Sites

The DNR Bureau for Remediation and Redevelopment identifies and monitors contaminated sites. Contaminated sites include leaking underground storage tank (LUST) sites and environmental repair (ERP) sites. A LUST site has soil and/or groundwater contaminated with petroleum, which includes toxic and cancer causing substances. However, given time, petroleum contamination naturally breaks down in the environment (biodegradation). Some LUST sites may emit potentially explosive vapors. There are no active LUST sites in the Town.

An ERP site is a site, other than a LUST, that has contaminated soil and/or groundwater. Examples include industrial spills (or dumping) that require long-term investigation, buried containers of hazardous substances, or closed landfills that have caused contamination. ERP sites also include areas with petroleum contamination from above-ground (but not from underground) storage tanks. There are no active ERP sites in the Town.

PART 2: BACKGROUND DATA AND MAPS

Maps

Chapters II through XI provide background data and maps used to help design the Town land use plan map. In addition to the detailed inventories included in these chapters, the comprehensive planning law requires that the following maps be included in the land use element:

- ***Productive Agricultural Soils***

A land evaluation and site assessment (LESA) analysis was conducted as part of the multi-jurisdictional comprehensive planning process to help identify farmlands best suited for long-term farmland preservation. The LESA analysis is described in Chapter V, and Map 5 in that chapter shows the results of the analysis for farmlands in the Town of Hartford. Parcels were rated on a score of 0 to 10, with 10 assigned to parcels determined to be the best suited for long-term farmland preservation.

With the exception of an approximately 15-acre parcel located in Section 25 along Powder Hill Road, all agricultural land that scored 8.0 or higher in the LESA analysis is designated for agricultural use on the Town land use plan map (Map 11). Most of the parcels that scored 7.0 or higher in the LESA analysis are also designated for agricultural use. Exceptions include limited areas adjacent to existing subdivisions and areas along STH 175 within a planned industrial area.

- ***Environmentally Sensitive Lands***

Environmentally sensitive lands are shown on Map 9, and include primary environmental corridors, secondary environmental corridors, isolated natural resource areas, and surface waters. Natural areas and critical species habitat sites are also shown on the map. Recommendations for the protection and management of these resources are included in the Agricultural, Natural, and Cultural Resources Element (Chapter V).

- ***Natural Limitations to Building Site Development***

Several natural resource features that may limit development were identified by the Town Board and Town Plan Commission, and are shown on Map 10. The Town identified floodplains, wetlands, surface waters, nonmetallic mining sites, slopes of 12 percent or more, and former landfills and contaminated sites as potential limitations to development. Recommendations for the management of these features are included in Part 4 of this chapter and in Chapter V. Existing conservation easements are also shown, which in 2008 includes an Ozaukee Washington Land Trust (OWLT) easement on the Bautzmann property just south of STH 60 and west of Pike Lake. Conservation easements typically limit development of a parcel to agricultural, natural resource preservation, or open space use.

- ***Utilities and Community Services***

The comprehensive planning law requires the land use element to include maps showing boundaries of areas to which public utility and community services will be provided by the plan design year. Chapter IX includes such maps for the Town.

Opportunities for Redevelopment and Smart Growth Areas

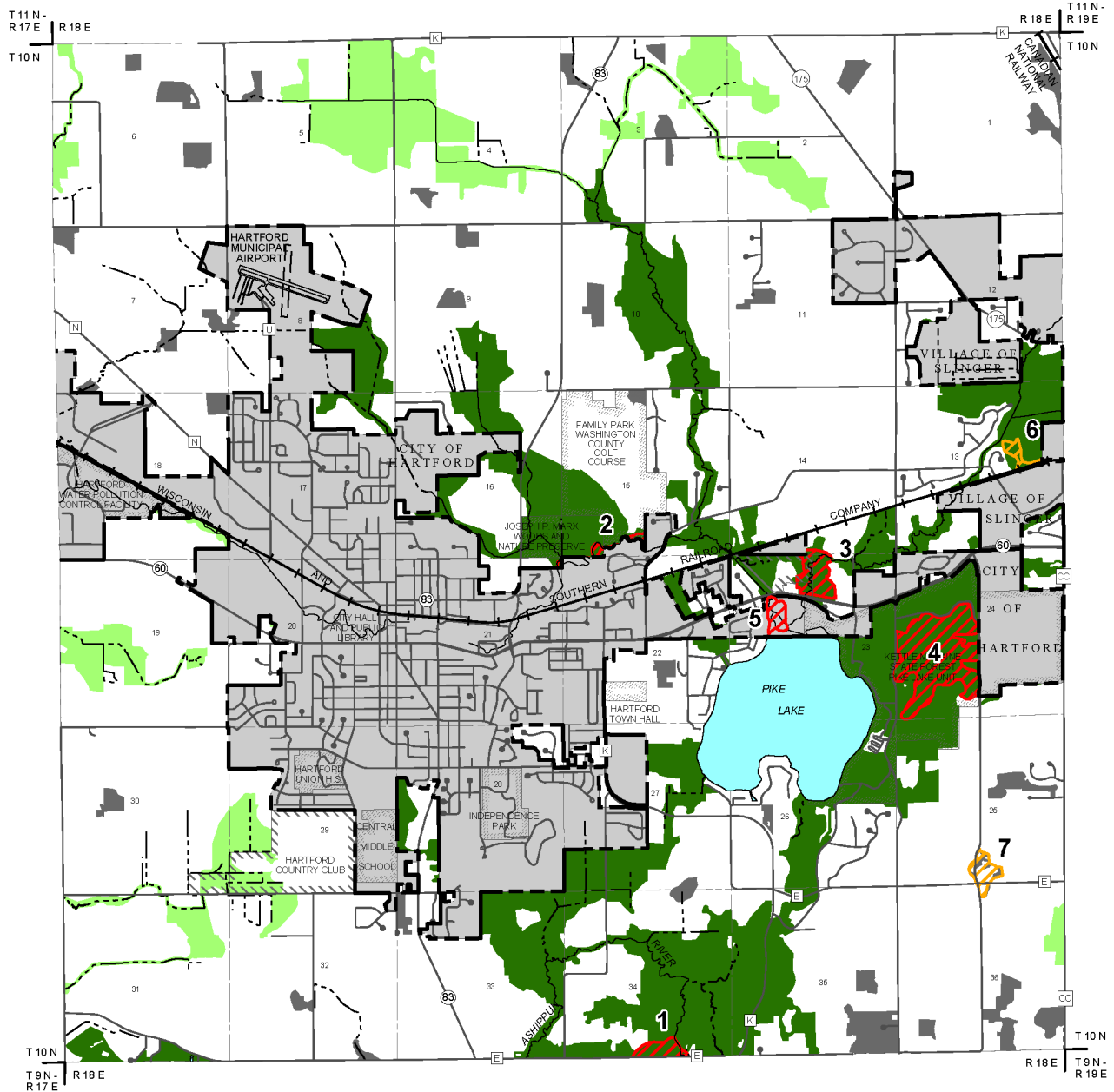
The greatest opportunities for redevelopment in Washington County exist where there is available land served by existing infrastructure, typically in the older and underutilized commercial buildings and parcels located in and adjacent to the traditional downtowns, and older shopping centers located in cities and villages. The following areas were identified as potential “Smart Growth Areas” in the Multi-Jurisdictional Comprehensive Plan for Washington County:

- Environmentally contaminated sites identified by local governments as suitable for redevelopment
- Underutilized parcels in and adjacent to traditional downtowns, including older shopping centers
- Undeveloped land within planned urban service areas that is adjacent to existing development and does not encompass lands with significant environmental features or potential for long-term agricultural use²

²Lands with significant environmental features are identified on Map 9 (*Environmentally Sensitive Lands*) and Map 10 (*Natural Limitations to Building Site Development*). Lands with potential for long-term agricultural use are identified on Map 5, *LESA Analysis Map*, in Chapter V.

Map 9

ENVIRONMENTALLY SENSITIVE LANDS IN AND OWNED BY THE TOWN OF HARTFORD



- PRIMARY ENVIRONMENTAL CORRIDORS (2000)
- SECONDARY ENVIRONMENTAL CORRIDORS (2000)
- ISOLATED NATURAL RESOURCE AREAS (2000)
- CRITICAL SPECIES HABITAT SITES (1994)
- NATURAL AREAS OF LOCAL SIGNIFICANCE (NA-3) (1994)
- 4** REFERENCE NUMBER (SEE TABLES 21 AND 22)
- SURFACE WATER (2000)
- CITY OF HARTFORD AND VILLAGE OF SLINGER

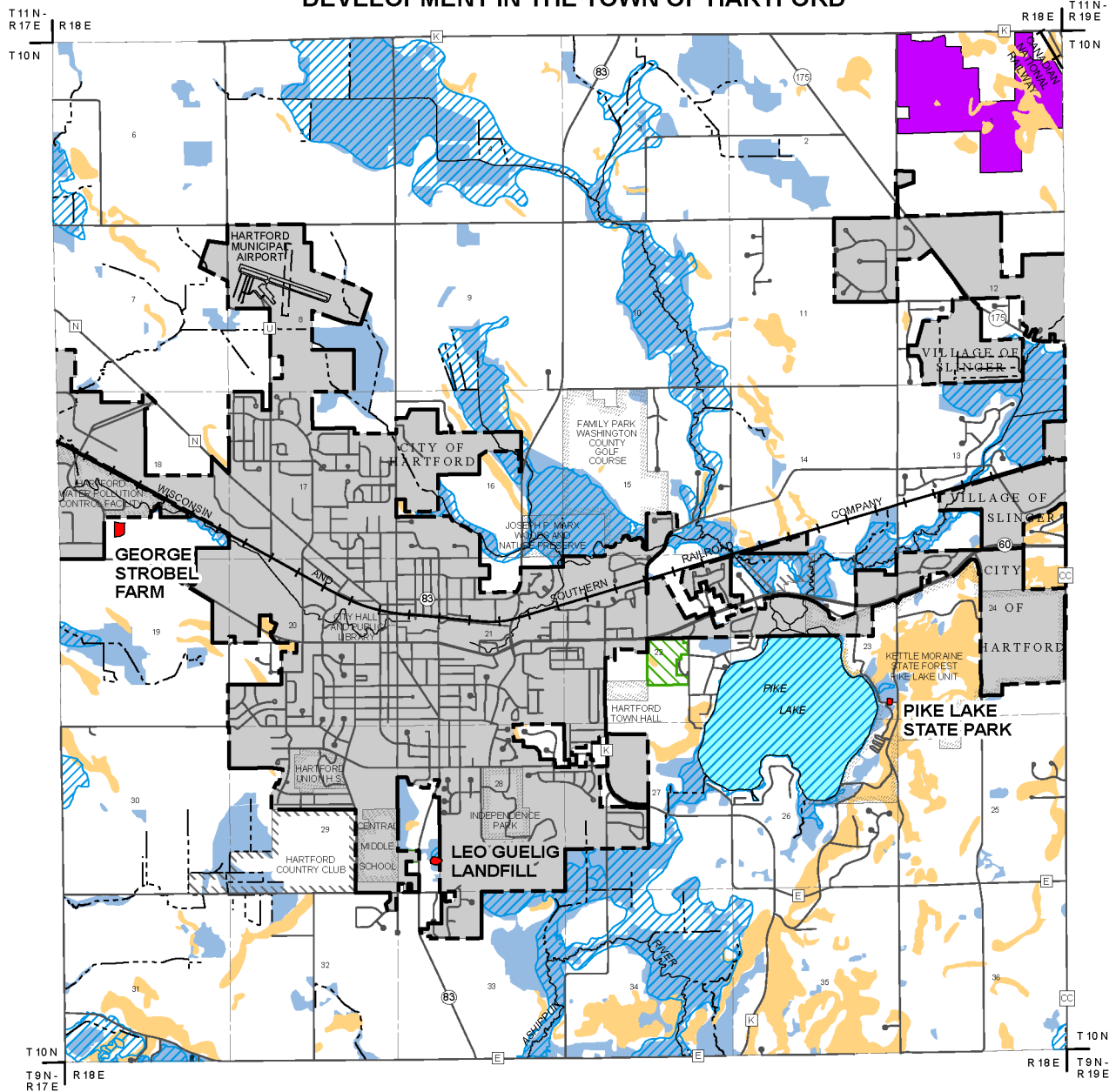
Source: Wisconsin Department of Natural Resources and SEWRPC.











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Map 10

NATURAL LIMITATIONS FOR BUILDING SITE DEVELOPMENT IN THE TOWN OF HARTFORD



- | | | | |
|---|---|---|--|
|  | 100 - YEAR RECURRENCE INTERVAL FLOODPLAINS (1981) |  | FORMER LANDFILL (2008)
(HAS NOT CAUSED CONTAMINATION) |
|  | WETLANDS (2000) |  | CITY OF HARTFORD AND VILLAGE OF SLINGER |
|  | SURFACE WATER (2000) | | |
|  | NONMETALLIC MINING SITE (2008) | | |
|  | SLOPES OF 12 PERCENT OR MORE (2008) | | |
|  | CONSERVATION EASEMENT (2006) | | |

Source: Wisconsin Department of Natural Resources, Washington County, and SEWRPC.



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The Town of Hartford Land Use Plan Map (Map 11) recommends small expansions of existing areas of commercial and industrial development along STH 60 north of Pike Lake, and south of the Hartford airport. The plan also recommends the redevelopment of the area along STH 83 between Lee Road and Monroe Avenue in the Town, which is currently developed with a mix of commercial and residential uses, to commercial over the life of the plan. The plan also recommends new commercial development along STH 83 south of Lee Road. These in-fill, redevelopment, and expansions of existing commercial and industrial areas are the Town's "Smart Growth" areas. Although all of these areas are located within the City of Hartford sanitary sewer service area, none currently receive sewer services. The lack of public sanitary sewer or water services to these portions of the Town may be expected to limit the type of commercial and industrial development that will occur. The Town intends to continue discussions with the City of Hartford regarding development of a boundary or cooperative agreement that may include extension of sanitary sewer service to these areas.

The land use plan map also designates the area east of STH 175 in the northeastern portion of the Town for industrial and commercial development. This designation is consistent with the planned land use recommended by the Village of Slinger comprehensive plan for this area. The Town intends to work with the Village of Slinger to ensure coordinated development of the area, including the provision of sanitary sewer services to all or a portion of the area.

Existing and Potential Land Use Conflicts

The potential for land use conflicts is greatest in city and village planning areas that overlap with the towns. In accordance with Section 62.23 of the *Statutes*, a city or village planning area can include areas outside its corporate limits, including any unincorporated land outside of the city or village boundaries that, in the plan commission's judgment, relates to the development of the city or village. City and village planning areas are typically associated with city and village extraterritorial areas.³ Potential land use conflicts can arise in these areas because they may be planned for in both the town comprehensive plan and the city or village comprehensive plan, with different or conflicting land uses recommended by each plan. The entire Town of Hartford lies within the extraterritorial area of either the City of Hartford or the Village of Slinger. The Town is also within the extraterritorial area of the Village of Richfield; however, as part of the boundary agreement among the City of Hartford, Town of Hartford, Town of Erin, and the then-Town of Richfield, Richfield agreed not to exercise extraterritorial zoning or plat approval authority in any areas that were within the City of Hartford's extraterritorial area for 20 years after the agreement was signed (January 2007). Because of the agreement, Richfield does not exercise extraterritorial authority within the Town.

The Village of Slinger has included the northeastern part of the Town on the land use plan map in the Village comprehensive plan. Town officials reviewed the Village plan as they were developing the Town land use plan map, and designated similar planned land uses in the northeastern portion of the Town. The City of Hartford has not yet completed its comprehensive plan.

PART 3: TOWN OF HARTFORD LAND USE PLAN

Land Use Plan

The land use plan map for the Town of Hartford for the year 2035 is presented on Map 11. The Town contains a rich agricultural and natural resource base that includes environmental corridors, Pike Lake, the Ashippun and Rubicon Rivers, and the Kettle Moraine State Forest – Pike Lake Unit. The 2035 land use plan builds on the land use plan adopted by the Town Board in 1996, which provided for farmland preservation, environmental

³*The Wisconsin Statutes grant cities and villages the authority to approve or deny subdivision plats within 1.5 miles of villages and cities of the fourth class, and within three miles of cities of the first, second, or third class (the Cities of Hartford and West Bend are cities of the third class). Cities and villages may also enact extraterritorial zoning regulations for their extraterritorial areas, but must work with the affected town to develop and approve such regulations.*

protection, and controlled growth. Land use and development in the Town is also affected by the City of Hartford, which bisects the Town from east to west along STH 60, and to a lesser degree by the Village Slinger on the northeast side of the Town. Urban development occurs in small portions of the Town adjacent to or surrounded by the City. Urban development on small lakefront lots has also occurred along Pike Lake, with the exception of lakefront property located within the Pike Lake Unit of the Kettle Moraine State Forest, and in Section 13 north of the WSOR railway. Urban development in these areas is served by the Pike Lake Utility District and the Hilldale Sanitary District, which provide sanitary sewage collection, treatment, and disposal services.

Each land use category shown on Map 11 is described in the following sections. Table 30 sets forth the number of acres and percent of the Town in each land use category. Land use goals, objectives, policies, and programs are presented in Part 4.

Residential Development

Urban Density Residential

Urban density residential uses occupy 982 acres, or about 5 percent of the Town, on the 2035 land use map. The Urban Density Residential category includes residential development with a minimum lot size of 12,000 square feet in sewerred areas and 40,000 square feet in unsewerred areas, with lots typically created as part of a subdivision plat. The land use plan map designates urban density residential development predominantly within the City of Hartford and Village of Slinger sewer service areas. Existing subdivisions outside the planned sewer service areas have also been placed in this category, including the Bramble Wood subdivision located in Section 11 along Arthur Road, the Echo Glen Estates subdivision in Section 12 east of Kettle Moraine Road, and the Woodstone subdivision in Section 25 along CTH CC. Currently undeveloped areas that have been placed in this category include the area west of the Edgewood Subdivision in Section 13 and the area surrounding the Hillcrest Estates subdivision in Section 32.

Rural Density Residential

The Rural Density Residential category includes single-family homes on lots of 40,000 square feet or more. Areas within this category are generally infill or minor expansions of small concentrations of existing residential development at scattered locations throughout the Town. Parcels in this category are typically created by certified survey map rather than through a subdivision plat. Rural density residential uses occupy 876 acres, or about 5 percent of the Town, on the 2035 land use map.

Altogether, residential uses occupy 1,858 acres, or about 10 percent of the Town, on the 2035 land use plan map. This compares to 1,210 acres of residential lands in the Town in 2008, or an increase of 648 acres, or about 54 percent, between 2008 and 2035.

Commercial

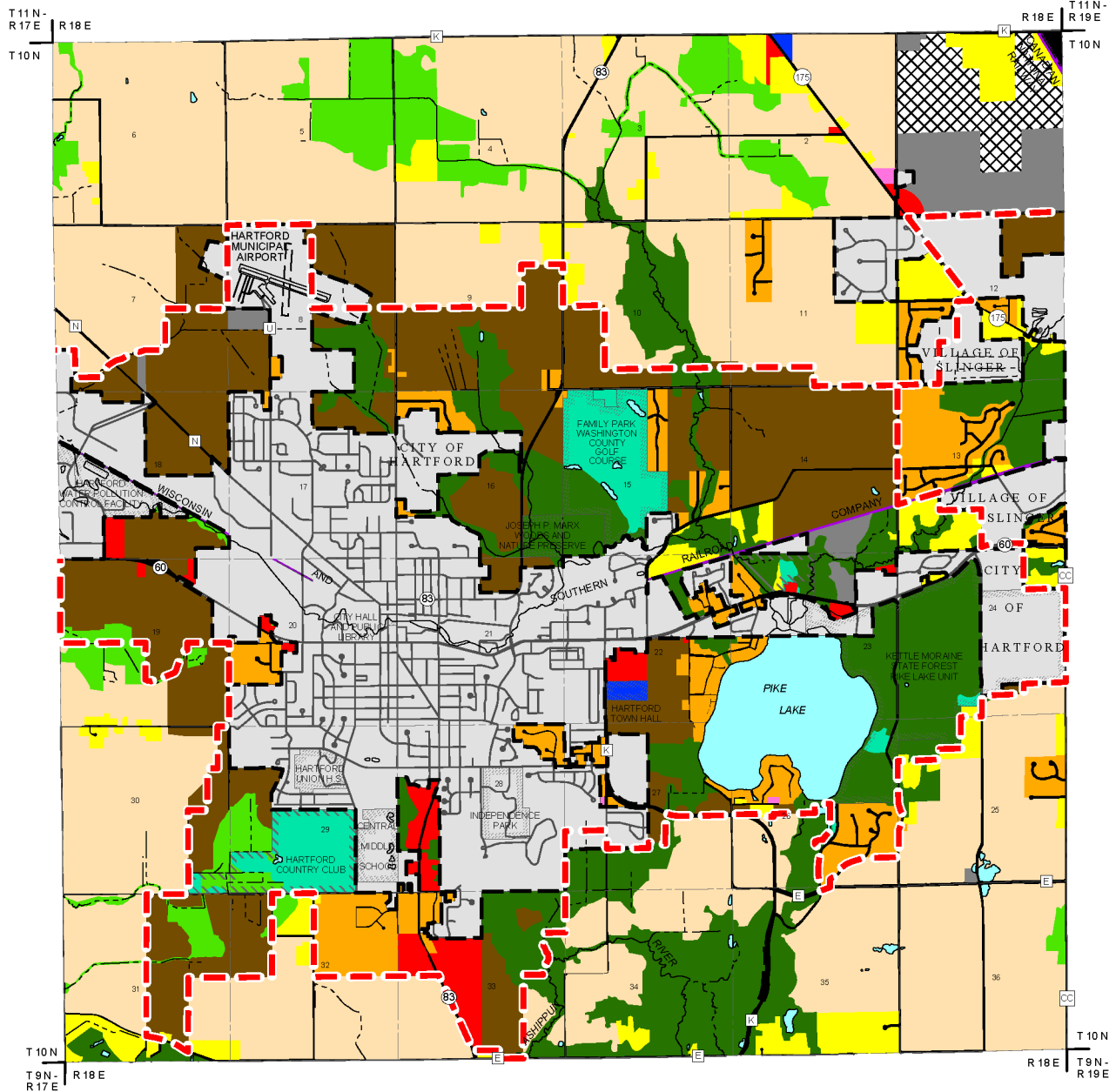
Areas designated for commercial use are intended for development of small scale retail, office, and service uses to serve local residents, such as restaurants, stores, and specialty shops; banks and other services; medical and professional offices; and auto service and repair shops. Areas for new commercial development are designated on the land use plan map along STH 83 south of the City of Hartford, at the intersection of STH 175 and Arthur Road, in St. Lawrence, and as expansions of existing commercial development along STH 60. Commercial uses occupy 257 acres, or about 1 percent of the Town, on the 2035 land use plan map.


















Light Industrial

Areas designated for industrial use are intended for development of warehousing, storage, and light manufacturing uses. The land use plan map designates future light industrial areas in Section 1, surrounding the Cedar Lake Sand and Gravel operation; south of the Hartford airport; and between STH 60 and the WSOR railway west of Kettle Moraine Road. As noted previously, Section 1 is also designated for industrial use in the Village of Slinger comprehensive plan. Light industrial uses occupy 345 acres, or about 2 percent of the Town, on the 2035 land use plan map.

Map 11

LAND USE PLAN FOR THE TOWN OF HARTFORD: 2035



- | | | | |
|---|---------------------------|---|--|
|  | URBAN DENSITY RESIDENTIAL |  | EXTRACTIVE |
|  | RURAL DENSITY RESIDENTIAL |  | AGRICULTURAL PRESERVATION |
|  | COMMERCIAL |  | AGRICULTURAL TRANSITION |
|  | LIGHT INDUSTRIAL |  | PRIMARY ENVIRONMENTAL CORRIDOR |
|  | INSTITUTIONAL |  | SECONDARY ENVIRONMENTAL CORRIDOR |
|  | OUTDOOR RECREATION |  | SURFACE WATER |
|  | STREETS AND HIGHWAYS |  | PLANNED SANITARY SEWER SERVICE AREA BOUNDARIES (DECEMBER 2008) |
|  | RAILROAD |  | TOWN / CITY / VILLAGE BOUNDARY (JANUARY 2008) |
|  | UTILITY | | |

Source: SEWRPC.



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Table 30**PLANNED LAND USES IN THE TOWN OF HARTFORD: 2035**

Land Use Category	Acres	Percent
Agricultural Preservation	7,196	39.6
Agricultural Transition.....	3,076	17.0
Primary Environmental Corridor	2,626	14.5
Secondary Environmental Corridor	912	5.0
Urban Density Residential ^a	982	5.4
Rural Density Residential ^b	876	4.8
Commercial.....	257	1.4
Light Industrial.....	345	1.9
Institutional	25	0.1
Outdoor Recreation.....	417	2.3
Streets and Highways	589	3.2
Railroad.....	40	0.2
Utility	9	0.1
Extractive	303	1.7
Surface Water	505	2.8
Total	18,158	100.0

^aAllows residential uses with a minimum density of one home per 12,000 square feet in sewered areas or 40,000 square feet in unsewered areas.

^bAllows residential uses with a minimum density of one home per 12,000 square feet in sewered areas or 40,000 square feet in unsewered areas and a maximum density of one home per two acres.

Source: Town of Hartford and SEWRPC.

Conservation Club, the Park View Heights Subdivision Park, and the Hartford Country Club. The Hartford Town Park, which is adjacent to the Town hall, has been placed in the institutional category. Although no new areas are designated for outdoor recreation on the plan map, Town officials will consider amending the plan map to allow additional low-intensity outdoor recreational uses if needed to serve residential growth in the Town. For example, additional neighborhood parks may be needed to serve residential subdivisions in Sections 13 and 14. The Town discourages the development of commercial recreational facilities that would create high levels of noise or traffic in the Town.

Streets and Highways

All existing street and highway rights-of-way (as of January 1, 2007) are shown on Map 11 as a separate category. Chapter VIII provides additional information regarding planned transportation facilities in the Town. There are 589 acres, or about 3 percent of the Town, within existing street and highway rights-of-way.

Railroad

The rights-of-way of the Canadian National (CN) Railroad and the Wisconsin and Southern Railroad (WSOR) Company are reflected on the land use plan map. Together, the railroad rights-of-way occupy 40 acres, or less than 1 percent of the Town.

Utility

This category includes private and public utilities that provide residents and businesses with electric power, natural gas, communications, water, and sewage and solid waste management facilities and services. This category occupies nine acres, or less than 1 percent of the Town, on the 2035 land use plan map.

Extractive

Extractive land uses involve on-site extraction of surface or subsurface materials, usually sand and gravel. There is one extractive area shown on the land use plan map, the Cedar Lake Sand and Gravel Company site in the northeast corner of the Town, which encompasses 303 acres, or about 2 percent of the Town. Mining at the site is

Institutional

The institutional land use category includes governmental and institutional buildings and grounds existing in 2008, which included the Town Hall and adjacent Town park, recycling center, and Town garage; St. Lawrence Catholic Church; and two cemeteries. The land use plan map designates 25 acres, or less than 1 percent of the Town, in this category. Although no new areas are designated for institutional uses on the plan map, Town officials will consider amending the plan map to allow such uses if residential development in the Town results in a need for additional space for public works and/or administrative offices or other institutional uses.

Outdoor Recreation

The land use plan map designates 417 acres, or about 2 percent of the Town, for outdoor recreational uses. This category includes existing park and recreation areas for active recreational uses. Five sites have been placed in this category on the land use plan map: portions of the DNR-owned Kettle Moraine State Forest – Pike Lake Unit, the County-owned Family Park/Washington County Golf Course, the Hartford Community

expected to continue to and beyond 2035. Two other smaller extractive operations existed in the Town in 2008. These sites are not shown on the land use plan map, but may continue to operate in accordance with their approved plans. Expansion of existing extractive sites will be considered in accordance with the goals, objectives, policies, and programs in Chapter V.

Agricultural Preservation

Lands within the agricultural preservation category are limited to agricultural and supporting uses on parcels with a minimum parcel size of 35 acres. Lands within this category contain productive farm soils (Class I, II, and III), scored 7.0 or higher in the LESA analysis, and are relatively free from urban development. Areas designated for agricultural preservation occupy 7,196 acres, or about 40 percent of the Town.

Agricultural Transition

The agricultural transition land use category is intended to accommodate continued general agricultural uses and single-family residences at a density of no more than one home per 35 acres. Much of the Town adjacent to the City of Hartford has been placed in this category. Areas designated as Agricultural Transition will be zoned for agricultural use, and must be rezoned to permit an urban use before development can occur. Conversion of parcels designated for agricultural transition to urban use will be considered by Town officials based on a request by the property owner and consideration of adjacent land uses. Areas designated for agricultural transition occupy 3,076 acres, or about 17 percent of the Town, on the 2035 land use plan map.

Environmentally Significant Areas

To effectively guide urban development and redevelopment in the Town into a pattern that is efficient, stable, safe, healthful, and attractive, it is necessary to carefully consider the location of planned land uses in relation to natural resources. Locating new urban development outside of primary and secondary environmental corridors will serve to maintain a high level of environmental quality in the Town, and will also avoid costly development problems such as flood damage, wet basements, failing pavements, and infiltration of clear water into sanitary sewerage systems. Properly relating new development to such environmentally significant areas will also help preserve the scenic beauty of the Town.

This comprehensive plan recommends substantial preservation of remaining primary and secondary environmental corridors in accordance with the guidelines set forth in Table 25 in Chapter V. Development within these areas should be limited to required transportation and utility facilities, compatible outdoor recreation facilities, and very low density residential development carefully designed so as to minimize the impact on natural resources.

Primary Environmental Corridors

Environmental corridors, more fully described in Chapter V, are linear areas in the landscape that contain concentrations of high-value elements of the natural resource base. Primary environmental corridors contain almost all of the best remaining woodlands, wetlands, and wildlife habitat areas, as well as floodplains and steeply sloped areas where intensive urban development would be ill-advised. The protection of the primary environmental corridors from additional intrusion by urban development is one of the principal objectives of this plan. Primary environmental corridors occupy 2,626 acres, or about 15 percent of the Town, on the 2035 land use plan map.

Secondary Environmental Corridors

Secondary environmental corridors contain concentrations of high-value elements of the natural resource base, but are smaller in area than primary environmental corridors. Secondary environmental corridors serve to link primary environmental corridors, or encompass areas containing concentrations of natural resources between 100 and 400 acres in size. Secondary environmental corridors occupy 912 acres, or about 5 percent of the Town, on the 2035 land use plan map.

Development on Parcels Containing Environmentally Significant Areas

Where possible, this comprehensive plan recommends that urban development be located entirely outside of primary and secondary environmental corridors, and other environmentally significant areas. While calling for

preservation of primary and secondary environmental corridors, the plan recognizes that in some cases it may be necessary to allow very low density residential development on the upland portion of such lands. In addition to limited residential development, land uses such as transportation and utility facilities and certain recreational uses may also be accommodated within these environmentally significant areas without jeopardizing their overall integrity. Guidelines for the types of development that may be accommodated within various component natural resource features of environmental corridors are set forth in Table 25 in Chapter V. Even though these guidelines are not exhaustive, with good judgment they may be extended to, and be used for the evaluation of, proposals for similar types of development not specifically listed.

Surface Water

The Surface Water land use category includes lakes, ponds, rivers, creeks, and streams. Surface water and adjacent shoreland areas should be protected to maintain water quality. Surface waters encompass 505 acres, or about 3 percent of the Town, including 470 acres of surface water in Pike Lake.

Land Use Projections

The comprehensive planning law requires the land use element to include projections, in five-year increments, of future residential, agricultural, commercial, and industrial land uses. Due to the uncertainty in predicting the rate of future development, it was assumed for the purpose of fulfilling this requirement that the same amount of growth would occur in each of the five five-year periods between 2008 and 2035. The amount of growth in each category is estimated as:

- **Residential:** Based on the population projection of 4,800 persons selected by the Town for the year 2035, an additional 505 housing units will be needed between 2008 and 2035, for a total of 1,943 housing units in the Town by 2035 (see the Housing Element (Chapter VII) for more information). An additional 505 units between 2008 and 2035 averages to 84 new housing units during each five-year period, plus an additional 14 units between 2008 and 2010. Most of the new residential growth designated on the land use plan map is located within the City of Hartford or Village of Slinger sewer service areas. For purposes of this analysis, it was assumed that 90 percent of new housing units would be constructed in the sewer service areas (about 450 of the new homes), and that the Town would reach agreement with the City or Village to provide sewer services to new residential development, and that the remaining 10 percent (about 55 of the new homes) would be constructed outside the sewer service areas. It was further assumed that new homes in the sewer service areas would be constructed on an average lot size of 12,000 square feet, plus 25 percent for new streets to serve the development; and new homes outside the sewer service areas would be constructed on an average lot size of 1.5 acres, plus 15 percent for new streets to serve the development. Based on these assumptions, about 270 acres would be converted from agricultural to residential use from 2008 through 2035 to accommodate the additional 505 housing units. About 50 acres would be converted from agricultural to residential use during each five-year period between 2010 and 2035, plus 20 acres between 2008 and 2010.
- **Commercial:** The Town land use plan designates an additional 224 acres in the commercial land use category compared to commercial uses in 2008. About 20 acres of commercial land, located on the west side of STH 83, were being developed for commercial use in 2008, for a balance of about 200 acres for development between 2010 and 2035. This averages to about 40 acres of additional commercial development during each five-year period between 2010 and 2035.
- **Light Industrial:** The Town land use plan designates about 300 acres of additional land in the Light Industrial land use category compared to industrial uses in 2008. This averages to about 65 acres of additional industrial development during each five-year period between 2010 and 2035, plus about 25 acres of additional industrial development between 2010 and 2035. This estimate assumes that all industrial land designated on the land use plan map will be developed by 2035. The large area of new industrial use designated in Section 1 may not develop until after 2035.
- **Agricultural:** The number of acres in agricultural use will likely decline during the planning period, as land is converted from farming to residential, commercial, or industrial uses. The amount of agricultural

land in the Town is anticipated to decrease by between 861 and 3,937 acres between 2008 and 2035, depending on the amount of land in the “agricultural transition” category that is converted to urban use, and whether the industrial area in Section 1 is fully developed by 2035.

PART 4: LAND USE GOALS, OBJECTIVES, POLICIES, AND PROGRAMS

Goals:

- Limit development to maintain and preserve the Town’s overall rural character.
- Preserve agricultural lands and protect farming operations.
- Protect environmental resources.
- Permit limited residential development in the Town.
- Provide for commercial development at select locations.
- Industrial development should be located in areas where adequate transportation facilities are available and surrounding uses are compatible.
- Allow expansion of extractive sites where impacts are minimal on adjacent land uses.

Objectives:

- Strive to preserve and protect the scenic and aesthetic resources of the Town.
- Buildings should be sited to minimize impact on the Town’s rural landscape.
- Urban development should not detract from the Town’s rural nature or conflict with environmental objectives.
- Continue cooperative planning with surrounding communities.

Policies:

- Comply with policies in the Agricultural, Natural, and Cultural Resources Element (Chapter V) to protect agricultural lands and natural resources.
- Protect primary and secondary environmental corridors in accordance with the guidelines set forth in Table 25 in the Agricultural, Natural, and Cultural Resources Element.
- Comply with policies in the Agricultural, Natural, and Cultural Resources Element to accommodate nonmetallic mining (extractive) uses.
- Allow residential, commercial, and industrial development in appropriate areas as indicated on the land use plan map.
- Maintain the rural atmosphere and provide for open space needs by encouraging cluster type residential development in areas where it is appropriate.
- Encourage residential development only on soils that are well suited to such development when served by private onsite waste treatment systems (POWTS) and private wells in order to avoid the creation of water pollution and public health problems.
- Accommodate neighborhood-scale commercial development, which serves local residents and is consistent with the capacity of Town infrastructure.
- Provide for small-scale, light industrial development.
- Direct high-intensity commercial and other major development to neighboring communities where public sanitary sewer and water services are available.
- Require site plan approval for all new residential, commercial, and industrial development.
- Provide landscaped buffers to help screen non-residential uses from adjacent residential development.

- Prohibit development in areas not easily accessed by emergency and other service vehicles.
- Follow DNR guidelines and regulations when considering proposed redevelopment of former landfills.

Programs:

- Implement the programs recommended in the Agricultural, Natural, and Cultural Resources Element (Chapter V) to protect agricultural lands and natural resources, and to accommodate nonmetallic mining (extractive) uses.
- Retain Town zoning as the primary means of regulating land uses in the Town.
- Consider amending the Town zoning ordinance and map as recommended in the Agricultural, Natural, and Cultural Resources Element to better protect primary and secondary environmental corridors.
- Continue to implement the site plan review and landscaping requirements of the Town zoning ordinance for residential, commercial, and industrial uses.
- Continue to work with the City of Hartford and the Villages of Richfield and Slinger to develop boundary and/or cooperative agreements to provide for orderly growth, appropriate services, and the protection of productive agricultural lands and natural resources.

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Chapter VII

HOUSING ELEMENT

INTRODUCTION

The housing element is one of the nine elements of a comprehensive plan required by Section 66.1001 of the *Wisconsin Statutes*. Section 66.1001(2)(b) of the *Statutes* requires the housing element to assess the age, structural condition, value, and occupancy characteristics of existing housing stock in the Town. In addition, specific policies and programs must be identified that:

- Promote the development of housing for residents of the Town and provide a range of housing choices that meet the needs of persons of all income levels and age groups and persons with special needs.
- Promote the availability of land for the development or redevelopment of affordable housing.
- Maintain or rehabilitate existing housing stock.

In addition, the following comprehensive planning goals related to the housing element are set forth in Section 16.965 of the *Statutes* and must be addressed as part of the planning process:¹

- Promotion of the redevelopment of lands with existing infrastructure and public services and the maintenance and rehabilitation of existing residential, commercial, and industrial structures.
- Encouragement of land uses, densities and regulations that promote efficient development patterns and relatively low municipal, state government, and utility costs.
- Providing an adequate supply of affordable housing for individuals of all income levels throughout the community.
- Providing adequate infrastructure and public services and an adequate supply of developable land to meet existing and future market demand for residential, commercial, and industrial uses.

Part 1 of this chapter provides an inventory of existing housing stock, including age, structural condition, value, and occupancy characteristics. This information, along with housing demand inventory data such as household, income, and demographic information presented in Chapter III, is used to analyze future housing needs for residents of the Town. Household projections are presented at the end of Part 1.

Part 2 includes information on Town policies and ordinances affecting housing and zoning regulations for minimum home sizes, minimum lot sizes, and housing type, and Part 3 sets forth housing goals and objectives

¹Chapter I lists all 14 of the comprehensive planning goals included in Section 16.965 of the *Statutes*.

Table 31**TOTAL HOUSING UNITS BY TENURE
IN THE TOWN OF HARTFORD: 2000**

Tenure of Housing Units	Housing Units	
	Number ^a	Percent
Owner-occupied	1,282	89.2
Renter-occupied	115	8.0
Vacant	41	2.8
Total	1,438	100.0

^aTotals are based on 100 percent of respondents to the 2000 Census.

Source: U.S. Bureau of the Census and SEWRPC.

Data from Summary File 1 is generally more accurate because it is based on 100 percent of the responses to the 2000 Census. In most cases, data from Summary File 3 were used because the data were not available from Summary File 1. Summary File 3 is generally less accurate because the data is based on a sampling of one in six households; however, Summary File 3 covers a greater range of topics. Because the sample sizes are different, the data reported by the Census may differ for each data source. Unfortunately, the Census does not make adjustments to reconcile the discrepancies. In addition, some of the data to follow in this chapter are based on total housing units and some are based on occupied units only, depending on how the Census data were reported. This distinction is footnoted on all applicable tables.

PART 1: INVENTORY AND PROJECTIONS

Housing supply

The characteristics of the existing housing stock in the planning area have been inventoried to help determine the number and type of housing units that will best suit the needs of Town residents through 2035. The existing housing stock inventory includes:

- Total housing units
- Vacancy rate
- Value of owner-occupied housing units
- Median sale price of housing units
- Monthly cost of housing units by tenure (owner- or renter-occupied)
- Number of bedrooms
- Structure type and year built
- Condition of existing housing stock

Total Housing Units

The quantity and tenure (owner- or renter-occupied) of existing housing units in the Town is one of the key inventory items needed to project the number of additional housing units that will be needed in the Town and in Washington County in 2035. As shown in Table 31, there were 1,438 housing units in the Town in 2000. About 89 percent, or 1,282, were owner-occupied and about 8 percent, or 115, were renter-occupied. About 3 percent of the total housing units, or 41 units, were vacant.

Vacancy

Another key housing supply inventory item is the vacancy rate of various housing types. The vacancy rate is the number of vacant and available housing units divided by the total number of housing units. The vacancy rates for owner-occupied units and rental units are shown on Table 32.

through the plan design year of 2035. Policies, which are steps or actions recommended to be taken to achieve housing goals and objectives; and programs, which are projects or services intended to achieve housing policies, are also identified in Part 3.

A description of government programs which facilitate the provision of housing, including affordable housing, is provided in Appendix D.

Census Data

Census 2000 Summary File 1 and Census 2000 Summary File 3 were used in the collection of the majority of existing housing stock data presented in this chapter. Summary File 1 data was used when possible.

Table 32
HOUSING VACANCIES IN
THE TOWN OF HARTFORD: 2000

Vacancy Type	Number ^a
For rent.....	1
For sale only.....	5
Rented or sold, not occupied ^b	3
For seasonal, recreational, or occasional use.....	21
For migrant workers.....	0
Other vacant ^c	11
Total vacant units	41
Total units	1,438
Total vacancy rate (percent)	2.9

^aTotals are based on 100 percent of the responses to the 2000 Census.

^bThe unit is classified "rented or sold, not occupied" if any money towards rent has been paid or the unit has recently been sold but the occupant has not yet moved in.

^cIf a vacant unit does not fall into any of the other categories it is classified as an "other vacant unit." An example would be a unit held for occupancy by a caretaker.

Source: U.S. Bureau of the Census and SEWRPC.

Some vacancies are necessary for a healthy housing market. The Federal Department of Housing and Urban Development (HUD) states that an area needs a minimum overall vacancy rate of 3.0 percent to ensure adequate housing choices, which should include a minimum 1.5 percent vacancy rate for owner-occupied housing units and a minimum 5.0 percent vacancy rate for rental units. Vacant units can fall into several categories including for rent; for sale only; for seasonal, recreational, or occasional use; for migrant workers; and other vacant units. The overall vacancy rate in the Town was 2.9 percent in 2000.

The vacancy rate for owner-occupied units was determined by dividing the number of units from Table 32 that were "for sale only" by the combined total number of units "for sale only" on Table 32 and owner-occupied units shown on Table 31. The approximate vacancy rate for rental units was determined by dividing the number of units "for rent" from Table 32 by the combined number of units "for rent" on Table 32 and renter-occupied units from Table 31. The results of these calculations were a vacancy rate of 0.4 percent for owner-occupied units and 0.9 percent for rental units, both of which are lower than the vacancy rate recommended by HUD.

Table 33
VALUE FOR SPECIFIED OWNER-OCCUPIED
HOUSING UNITS^a IN THE TOWN OF HARTFORD: 2000

Value	Housing Units	
	Number	Percent
Less than \$50,000.....	0	0.0
\$50,000 to \$99,999.....	66	6.2
\$100,000 to \$149,999.....	278	25.9
\$150,000 to \$199,999.....	439	40.9
\$200,000 to \$299,999.....	220	20.5
\$300,000 to \$499,999.....	70	6.5
\$500,000 or more.....	0	0.0
Total	1,073	100.0
Median Value	\$168,200	--

^aThe data for specified owner-occupied housing units excludes mobile homes, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. Totals are based on a sample of one in six respondents to the 2000 Census.

Source: U.S. Bureau of the Census and SEWRPC.

Value of Owner-Occupied Housing Units

Table 33 sets forth the value of specified owner-occupied housing units² in the Town in 2000. These values can be used to determine if there are adequate home ownership opportunities for residents of all income levels. About 41 percent of owner-occupied homes had values between \$150,000 and \$199,999 and about 26 percent had values between \$100,000 and \$149,999. About 20 percent of owner-occupied homes had values between \$200,000 and \$299,999 and about 7 percent had values between \$300,000 and \$499,999. About 6 percent of homes had values between \$50,000 and \$99,999. No homes had values less than \$50,000 and more than \$500,000. The median value for owner-occupied housing units in the Town was \$168,200. Table 34 sets forth the value of owner-occupied housing units for each local government in Washington County.

Median Sales Prices in 2006

Washington County's Real Property Lister Division records information on all real estate sale transactions that occur in the County. Recorded information includes

²The data for specified owner-occupied housing units excludes mobile homes, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings.

Table 34

VALUE FOR SPECIFIED OWNER-OCCUPIED HOUSING UNITS IN WASHINGTON COUNTY COMMUNITIES: 2000^a

Community	Less than \$50,000		\$50,000 to \$99,999		\$100,000 to \$149,999		\$150,000 to \$199,999	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Cities								
Hartford ^b	7	0.3	403	17.1	1,281	54.4	543	23.1
West Bend	24	0.4	538	9.0	3,744	63.0	1,181	19.9
Villages								
Germantown	0	0.0	431	9.5	1,084	24.0	1,774	39.4
Jackson	7	0.7	54	5.8	460	49.1	368	39.3
Kewaskum	0	0.0	124	18.6	375	56.2	144	21.6
Newburg ^c	0	0.0	11	5.3	101	48.6	82	39.4
Slinger	8	1.1	89	12.6	326	46.3	160	22.7
Towns								
Addison	0	0.0	48	6.3	358	47.4	248	32.8
Barton	0	0.0	30	4.4	245	36.4	302	44.8
Erin	4	0.4	43	4.6	130	14.0	303	32.6
Farmington	0	0.0	23	3.0	286	36.5	271	34.6
Germantown	0	0.0	12	15.4	29	37.2	27	34.6
Hartford	0	0.0	66	6.2	278	25.9	439	40.9
Jackson	10	1.2	40	5.0	202	25.3	323	40.4
Kewaskum	2	0.9	25	11.6	63	29.3	75	34.9
Polk	0	0.0	17	1.8	120	12.7	266	28.3
Richfield	4	0.1	74	2.4	693	22.1	1,013	32.3
Trenton	0	0.0	86	7.4	475	40.9	362	31.2
Wayne	3	0.9	30	9.4	94	29.5	130	40.8
West Bend	0	0.0	25	1.9	196	15.0	337	25.7
Washington County ^d	69	0.3	2,169	7.9	10,540	38.3	8,348	30.4

Community	\$200,000 to \$299,999		\$300,000 to \$499,999		\$500,000 or More		Total		Median Value (dollars)
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Cities									
Hartford ^b	121	5.1	0	0.0	0	0.0	2,355	100.0	129,900
West Bend	343	5.8	83	1.4	27	0.5	5,940	100.0	132,500
Villages									
Germantown	1,134	25.2	72	1.6	12	0.3	4,507	100.0	169,900
Jackson	48	5.1	0	0.0	0	0.0	937	100.0	146,100
Kewaskum	11	1.7	11	1.7	2	0.2	667	100.0	121,400
Newburg ^c	14	6.7	0	0.0	0	0.0	208	100.0	146,500
Slinger	115	16.3	7	1.0	0	0.0	705	100.0	141,000
Towns									
Addison	88	11.6	14	1.9	0	0.0	756	100.0	146,700
Barton	71	10.5	26	3.9	0	0.0	674	100.0	158,300
Erin	380	40.9	62	6.7	8	0.8	930	100.0	197,400
Farmington	191	24.4	12	1.5	0	0.0	783	100.0	164,000
Germantown	10	12.8	0	0.0	0	0.0	78	100.0	147,000
Hartford	220	20.5	70	6.5	0	0.0	1,073	100.0	168,200
Jackson	200	25.0	25	3.1	0	0.0	800	100.0	166,900
Kewaskum	42	19.6	6	2.8	2	0.9	215	100.0	159,900
Polk	359	38.1	152	16.2	27	2.9	941	100.0	216,900
Richfield	980	31.3	325	10.4	43	1.4	3,132	100.0	189,000
Trenton	192	16.5	46	4.0	0	0.0	1,161	100.0	152,000
Wayne	53	16.6	7	2.2	2	0.6	319	100.0	160,200
West Bend	416	31.8	190	14.5	145	11.1	1,309	100.0	218,300
Washington County ^d	4,988	18.1	1,108	4.0	268	1.0	27,490	100.0	159,100

^aThe data for specified owner-occupied housing units excludes mobile homes, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. Totals are based on a sample of one in six respondents to the 2000 Census.

^bIncludes entire City of Hartford.

^cIncludes entire Village of Newburg.

^dIncludes all of Washington County and the entire City of Hartford and Village of Newburg.

Source: U.S. Bureau of the Census and SEWRPC.

Table 35**MEDIAN SALE PRICE FOR HOUSING
UNITS IN WASHINGTON COUNTY: 2000-2006**

Housing Type	2000	2006	Percent Change
Single-Family	\$155,900	\$229,000	46.9
Two-Family	\$139,000	\$179,500	29.1
Multi-Family	\$408,000	\$460,000	12.7
Condominium	\$113,000	\$156,688	38.7
All Housing Types ^a	\$147,500	\$202,000	36.9

^aExcludes multi-family housing units.

Source: Washington County and SEWRPC.

the real estate's location, type, and the total value of the real estate transaction (sale price). Table 35 sets forth the median prices for housing units in the County in 2000 and 2006. In 2006, the median price for a housing unit³ was \$202,000; this is an increase of nearly 37 percent from the median price in 2000. The median price for single-family units was \$229,000, the median price for two-family units was \$179,500, the median price for condominiums was \$156,688, and the median price for multi-family units was \$460,000. Each housing type experienced an increase in median price from 2000 to 2006. Single-family housing units' median price increased nearly 47 percent, two-family increased about 29 percent, and condominiums increased almost 39 percent.

Table 36**MEDIAN SALE PRICE FOR HOUSING UNITS^a
IN WASHINGTON COUNTY COMMUNITIES: 2000-2006**

Community	2000	2006	Percent Change
Cities			
Hartford	\$134,000	\$192,700	43.8
West Bend	\$125,950	\$175,000	38.9
Villages			
Germantown	\$171,500	\$237,250	38.3
Jackson	\$154,000	\$194,900	26.6
Kewaskum	\$127,750	\$183,000	43.2
Newburg	\$127,550	\$165,000	29.4
Slinger	\$115,900	\$200,898	73.3
Towns			
Addison	\$142,000	\$181,100	27.5
Barton	\$160,087	\$239,000	49.3
Erin	\$197,000	\$316,000	60.4
Farmington	\$167,500	\$245,000	46.3
Germantown	\$176,900	\$197,000	11.4
Hartford	\$165,000	\$236,500	43.3
Jackson	\$182,450	\$297,450	63.0
Kewaskum	\$186,500	\$247,000	32.4
Polk	\$171,660	\$284,500	65.7
Richfield	\$182,000	\$285,000	56.6
Trenton	\$166,500	\$230,400	38.4
Wayne	\$154,000	\$259,250	68.3
West Bend	\$207,000	\$329,950	59.4
Washington County	\$147,500	\$202,000	36.9

^aExcludes multi-family housing units.

Source: Washington County.

In 2006, single-family housing units were the predominant form of housing sold in Washington County. Sales of two-family and condominium housing units that did occur were primarily in the cities and villages. Towns had very little, if any, two-family or condominium housing unit sales. Table 36 sets forth the median sale prices in 2006 for housing units in each local government in Washington County. In 2006, the median prices for housing units were generally higher for towns than for cities and villages. In 2006, the median price in the Town of Hartford was \$236,500; this is an increase of about 43 percent from the median price in 2000.

Monthly Housing Costs

Monthly housing costs for owner-occupied housing units and rental housing units have been inventoried to determine if there is an adequate supply of affordable housing units for each household income level in the Town. HUD defines affordability as access to decent and safe housing that costs no more than 30 percent of a household's gross monthly income. Table 37 sets forth monthly housing costs⁴ for specified owner-occupied housing units with a mortgage in 2000. The median monthly housing cost for homeowners with a mortgage was \$1,322.

- About 14 percent of homeowners spent between \$700 and \$999 and about 9 percent spent under \$700

³The median sale price includes single-family, two-family, and condominium housing units.

⁴Selected monthly owner costs are the sum of mortgage payments or similar debts on the property; real estate taxes; fire, hazard, and flood insurance on the property; and utilities.

- About 45 percent of homeowners with a mortgage spent between \$1,000 and \$1,499 on monthly housing costs
- About 26 percent spent between \$1,500 and \$1,999 and about 6 percent spent over \$2,000

Table 38 sets forth monthly housing costs for specified owner-occupied housing units with a mortgage for each local government in Washington County in 2000.

Table 39 sets forth monthly housing costs for specified owner-occupied housing units without a mortgage in the Town in 2000. The median monthly housing cost for homeowners without a mortgage was \$412.

- About 38 percent of homeowners without a mortgage spent between \$300 and \$399 and between \$400 and \$499 each on monthly housing costs
- About 14 percent spent between \$500 and \$699 on monthly housing costs
- About 7 percent spent less than \$300 and about 3 percent spent over \$700

Table 40 sets forth monthly housing costs for specified owner-occupied housing units without a mortgage for each local government in Washington County in 2000.

Table 41 sets forth monthly housing costs for rental units, or gross rent, in the Town in 2000. Contract rent plus the estimated average monthly cost of utilities (electricity, gas, water, and sewer) and fuels are included in the calculations of monthly gross rent. These costs are included in the monthly cost calculation if the renter pays them or they are paid for the renter by another party, such as the property owner. Rental units that are occupied without payment of rent are included in the no cash rent⁵ category of Table 41. The median monthly cost for rental housing was \$614 in 2000.

- About 38 percent of renters spent between \$500 and \$749 and about 20 percent spent between \$300 and \$499 each on monthly housing costs
- About 18 percent of renters made no cash payments for rental housing costs
- About 16 percent of renters spent between \$750 and \$999 and about 5 percent spent between \$1,000 and \$1,499
- About 3 percent of renters spent less than \$300 and none of the renters spent more than \$1,500

Table 42 sets forth monthly housing costs for rental units for each local government in Washington County in 2000.

Table 37

**MONTHLY OWNER COSTS FOR SPECIFIED HOUSING UNITS^a
WITH A MORTGAGE IN THE TOWN OF HARTFORD: 2000**

Monthly Cost	Housing Units	
	Number	Percent
Less than \$700.....	75	9.0
\$700 to \$999	121	14.5
\$1,000 to \$1,499	377	45.2
\$1,500 to \$1,999	213	25.5
Over \$2,000	48	5.8
Total	834	100.0
Median Cost	\$1,322	- -

^aThe data for specified owner-occupied housing units excludes mobile homes, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. Totals are based on a sample of one in six respondents to the 2000 Census.

Source: U.S. Bureau of the Census and SEWRPC.

⁵These units may be occupied by friends or relatives of the owner who do not get charged rent or caretakers, tenant farmers, and others who may receive the unit as compensation.

Table 38

**MONTHLY OWNER COSTS FOR SPECIFIED OWNER-OCCUPIED HOUSING
UNITS WITH A MORTGAGE IN WASHINGTON COUNTY COMMUNITIES: 2000^a**

Community	Less than \$700		\$700 to \$999		\$1,000 to \$1,499	
	Number	Percent	Number	Percent	Number	Percent
Cities						
Hartford ^b	73	4.3	415	24.2	942	55.0
West Bend	289	6.8	948	22.2	2,276	53.2
Villages						
Germantown	160	4.4	480	13.2	1,576	43.4
Jackson	53	6.5	192	23.7	460	56.7
Kewaskum	35	7.1	186	37.7	209	42.3
Newburg ^c	11	7.4	29	19.6	76	51.4
Slinger	34	6.8	121	24.2	254	50.8
Towns						
Addison.....	26	5.0	103	19.7	272	52.1
Barton	35	7.6	103	22.4	227	49.5
Erin	48	7.0	102	14.8	285	41.2
Farmington.....	65	10.4	124	19.9	266	42.7
Germantown	3	5.8	14	26.9	17	32.7
Hartford.....	75	9.0	121	14.5	377	45.2
Jackson	68	11.3	61	10.2	314	52.3
Kewaskum	5	3.4	42	28.4	72	48.6
Polk.....	44	6.5	90	13.3	214	31.5
Richfield.....	145	6.3	375	16.3	907	39.6
Trenton	79	9.2	235	27.4	314	36.6
Wayne	25	10.5	49	20.6	108	45.4
West Bend	80	8.8	122	13.5	286	31.7
Washington County ^d	1,353	6.6	3,912	19.1	9,452	46.2

Community	\$1,500 to \$1,999		Over \$2000		Total		Median Cost (dollars)
	Number	Percent	Number	Percent	Number	Percent	
Cities							
Hartford ^b	210	12.3	72	4.2	1,712	100.0	1,215
West Bend	637	14.9	126	2.9	4,276	100.0	1,171
Villages							
Germantown	999	27.5	418	11.5	3,633	100.0	1,370
Jackson	73	9.0	33	4.1	811	100.0	1,151
Kewaskum	49	9.9	15	3.0	494	100.0	1,050
Newburg ^c	32	21.6	0	0.0	148	100.0	1,218
Slinger	91	18.2	0	0.0	500	100.0	1,228
Towns							
Addison.....	98	18.8	23	4.4	522	100.0	1,191
Barton	86	18.8	8	1.7	459	100.0	1,210
Erin	164	23.7	92	13.3	691	100.0	1,356
Farmington.....	127	20.4	41	6.6	623	100.0	1,227
Germantown	16	30.8	2	3.8	52	100.0	1,250
Hartford.....	213	25.5	48	5.8	834	100.0	1,322
Jackson	57	9.5	100	16.7	600	100.0	1,213
Kewaskum	20	13.5	9	6.1	148	100.0	1,144
Polk.....	200	29.4	131	19.3	679	100.0	1,481
Richfield.....	627	27.3	241	10.5	2,295	100.0	1,325
Trenton	191	22.3	39	4.5	858	100.0	1,151
Wayne	45	18.9	11	4.6	238	100.0	1,197
West Bend	238	26.4	177	19.6	903	100.0	1,451
Washington County ^d	4,173	20.4	1,586	7.7	20,476	100.0	1,225

^aThe data for specified owner-occupied housing units excludes mobile homes, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. Totals are based on a sample of one in six respondents to the 2000 Census.

^bIncludes entire City of Hartford.

^cIncludes entire Village of Newburg.

^dIncludes all of Washington County and the entire City of Hartford and Village of Newburg.

Source: U.S. Bureau of the Census and SEWRPC.

Table 39

**MONTHLY OWNER COSTS FOR SPECIFIED HOUSING UNITS^a
WITHOUT A MORTGAGE IN THE TOWN OF HARTFORD: 2000**

Monthly Cost	Housing Units	
	Number	Percent
Less than \$300.....	17	7.1
\$300 to \$399.....	92	38.5
\$400 to \$499.....	90	37.7
\$500 to \$699.....	33	13.8
Over \$700.....	7	2.9
Total	239	100.0
Median cost	\$412	--

^aThe data for specified owner-occupied housing units excludes mobile homes, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. Totals are based on a sample of one in six respondents to the 2000 Census.

Source: U.S. Bureau of the Census and SEWRPC.

Two bedroom units comprised about 57 percent of the rental units, while three bedroom units comprised about 18 percent of the rental units. Units with five or more bedrooms comprised about 16 percent of rental units and four bedroom units comprised about 9 percent of the rental units. There were no rental units with one bedroom or no bedrooms.

Structure Type and Year Built

An inventory of housing units by structure type in the Town provides an insight into the number of existing single family, two-family, and multi-family units. The number of units in these types of structures can be compared to resident characteristics to determine the future need for units in each type of structure. An inventory of housing units by structure type also provides insight into the character of the existing housing stock. Table 44 sets forth the number of housing units by structure type in the Town from 1970 through 2000, based on the U.S. Census, and also includes the number of building permits issued for units in each structure type from 2000 through 2006. The total number of housing units increased from 665 to 1,427 from 1970 through 2000. During this same time period, the percentage of single-family housing units increased about 5 percent, from 88 to 93 percent. The number of multi-family housing units decreased from 55 housing units in 1970 to seven housing units in 2000. About 3 percent of units were in two-family structures and mobile homes or other types of residential structures each in 2000. Between 2000 and 2006, the total number of residential units increased from 1,427 to 1,479, or by 4 percent. The percentage of residential units in single family structures remained the same, about 93 percent. The percentage of units in two-family structures and mobile homes and other types of residential structures also remained the same, about 3 percent each in 2006. In addition, the percentage of units in multi-family structures remained the same, about 1 percent.

The age of the existing housing stock, set forth in Table 45, in the Town also provides insight into the character and condition of existing homes. It can be assumed that as housing stock ages, more housing units will need to be rehabilitated or replaced. About one-quarter of the Town's housing stock was constructed between 1990 and 2000 and the median year built was 1975. About 12 percent of existing homes were built before 1940. The median year built for all homes in Washington County was 1976.

Existing Housing Stock Condition

The condition of individual housing units must be examined to determine if any housing units need to be removed from existing housing stock totals due to poor condition. Generally, this provides a more accurate projection of the number of new housing units that will be needed to serve the projected population of the Town through 2035.

Number of Bedrooms

Table 43 sets forth the number of housing units by tenure and number of bedrooms in the Town in 2000. This information, when compared with household size information inventoried in Chapter III, will provide a greater understanding of what type of housing units will best suit the future needs of Town residents.

Three bedroom dwellings comprised about 72 percent of the owner-occupied units. Four bedroom dwellings and two bedroom dwellings comprised about 16 percent and 8 percent, respectively, of the owner-occupied units. Dwellings with five or more bedrooms comprised about 4 percent and no owner-occupied dwellings were comprised of one bedroom or no bedrooms in the Town.

Table 40

**MONTHLY OWNER COSTS FOR SPECIFIED OWNER-OCCUPIED HOUSING
UNITS WITHOUT A MORTGAGE IN WASHINGTON COUNTY COMMUNITIES: 2000^a**

Community	Less than \$300		\$300 to \$399		\$400 to \$499	
	Number	Percent	Number	Percent	Number	Percent
Cities						
Hartford ^b	101	15.7	244	38.0	221	34.4
West Bend	250	15.0	798	48.0	373	22.4
Villages						
Germantown	39	4.4	254	29.1	358	41.0
Jackson	8	6.3	77	61.1	33	26.2
Kewaskum	40	23.1	85	49.1	29	16.8
Newburg ^c	3	5.0	44	77.3	12	20.0
Slinger	16	7.8	122	59.5	33	16.1
Towns						
Addison	47	20.1	130	55.5	43	18.4
Barton	33	15.3	126	58.6	56	26.1
Erin	13	5.4	60	25.1	88	36.8
Farmington	47	29.4	83	51.9	18	11.2
Germantown	0	0.0	9	34.6	7	26.9
Hartford	17	7.1	92	38.5	90	37.7
Jackson	84	42.0	55	27.5	24	12.0
Kewaskum	17	25.4	32	47.7	14	20.9
Polk	8	3.1	114	43.5	113	43.1
Richfield	108	12.9	297	35.5	249	29.8
Trenton	97	32.0	149	49.2	28	9.2
Wayne	30	37.0	24	29.6	19	23.5
West Bend	53	13.1	113	27.8	126	31.0
Washington County ^d	1,011	14.4	2,908	41.5	1,934	27.6

Community	\$500 to \$699		Over \$700		Total		Median Cost (dollars)
	Number	Percent	Number	Percent	Number	Percent	
Cities							
Hartford ^b	60	9.3	17	2.6	643	100.0	392
West Bend	166	10.0	77	4.6	1,664	100.0	375
Villages							
Germantown	209	23.9	14	1.6	874	100.0	440
Jackson	8	6.4	0	0.0	126	100.0	375
Kewaskum	15	8.7	4	2.3	173	100.0	346
Newburg ^c	1	1.7	0	0.0	60	100.0	365
Slinger	34	16.6	0	0.0	205	100.0	371
Towns							
Addison	14	6.0	0	0.0	234	100.0	342
Barton	0	0.0	0	0.0	215	100.0	366
Erin	53	22.2	25	10.5	239	100.0	453
Farmington	12	7.5	0	0.0	160	100.0	339
Germantown	10	38.5	0	0.0	26	100.0	457
Hartford	33	13.8	7	2.9	239	100.0	412
Jackson	29	14.5	8	4.0	200	100.0	335
Kewaskum	4	6.0	0	0.0	67	100.0	359
Polk	18	6.9	9	3.4	262	100.0	408
Richfield	120	14.3	63	7.5	837	100.0	405
Trenton	29	9.6	0	0.0	303	100.0	335
Wayne	6	7.4	2	2.5	81	100.0	358
West Bend	69	17.0	45	11.1	406	100.0	429
Washington County ^d	890	12.7	271	3.9	7,014	100.0	373

^aThe data for specified owner-occupied housing units excludes mobile homes, houses with a business or medical office on the property, houses on 10 or more acres, and housing units in multi-unit buildings. Totals are based on a sample of one in six respondents to the 2000 Census.

^bIncludes entire City of Hartford.

^cIncludes entire Village of Newburg.

^dIncludes all of Washington County and the entire City of Hartford and Village of Newburg.

Source: U.S. Bureau of the Census and SEWRPC.

Table 41**MONTHLY GROSS RENT FOR RENTER-OCCUPIED
HOUSING UNITS IN THE TOWN OF HARTFORD: 2000^a**

Monthly Gross Rent	Housing Units	
	Number	Percent
Less than \$300	3	2.7
\$300 to \$499	22	19.8
\$500 to \$749	42	37.9
\$750 to \$999	18	16.2
\$1,000 to \$1,499	6	5.4
\$1,500 or more	0	0.0
No cash rent ^b	20	18.0
Total	111	100.0
Median Rent	\$614	- -

^aContract rent plus the estimated average monthly cost of utilities (electricity, gas, water, and sewer) and fuels are included in the calculations for monthly gross rent. Totals are based on a sample of one in six respondents to the 2000 Census.

^bIncludes rental units that are occupied without payment of rent. These units may be occupied by friends or relatives of the owner who do not get charged rent or caretakers, tenant farmers, and others who may receive the unit as compensation.

Source: U.S. Bureau of the Census and SEWRPC.

A condition rating has been assigned to each housing unit in the Town by the assessor. The ratings, set forth in Table 46, range from excellent to unsound and measure the present physical condition of each housing unit. Excellent/very good or good indicates the dwelling exhibits above average maintenance and upkeep in relation to its age. Average or fair indicates the dwelling shows minor signs of deterioration caused by normal wear and an ordinary standard of upkeep and maintenance in relation to its age. Poor/very poor indicates the dwelling shows signs of deferred maintenance and exhibits a below average standard of maintenance and upkeep in relation to its age. An unsound rating indicates the dwelling is unfit for use and should be removed from the existing housing stock totals.

About 99 percent of housing units in the Town had a condition score of excellent/very good, good, average, or fair in 2006. This indicates that the existing housing stock in the Town is in good condition and does not need to be included as a factor in the housing unit demand projection for 2035. Twelve homes were determined to be in poor/very poor condition and no homes were determined to be in an “unsound” condition.

Housing with Lead-Based Paint or Varnish

Lead poisoning in children can reduce IQ, cause learning disabilities, and impair hearing. Children who have elevated lead levels often experience reduced attention spans, are hyperactive, and can exhibit behavior problems. At higher exposures, lead can damage a child’s kidneys and central nervous system, and cause anemia, coma, convulsions, and even death. Homes built before 1950 have a high likelihood of having lead-based paint or varnish on interior and exterior surfaces, as over 90 percent of the lead-based paint and varnish in homes was applied prior to 1950. Homes built between 1950 and 1978 could contain lead-based paint or varnish on interior and exterior surfaces. The use of lead-based paint and varnish in homes was banned in 1978. Homes built after 1978 have a very low likelihood of having lead-based paint or varnish on interior and exterior surfaces. About 64 percent of the homes in the Town were built before 1979, which means lead poisoning is a concern. To protect children from exposure to lead from paint, Congress passed the Residential Lead-Based Paint Hazard Reduction Act of 1992, also known as Title X. Section 1018 of this law directed HUD and the Environmental Protection Agency (EPA) to require the disclosure of known information on lead-based paint and lead-based paint hazards before the sale or lease of most housing built before 1978.

Housing Demand

Household, income, and demographic characteristics of the Town have been inventoried and will be analyzed with housing supply inventory items to help determine the number and type of housing units that will best suit the needs of residents through 2035. Housing demand inventory items include:

- Affordable housing need assessment
- Affordability information
- Income
- Housing need for non-resident workers
- Homeless and transitional housing

Table 42

**MONTHLY GROSS RENT FOR SPECIFIED RENTER-OCCUPIED
HOUSING UNITS IN WASHINGTON COUNTY COMMUNITIES: 2000^a**

Community	Less than \$300		\$300 to \$499		\$500 to \$749		\$750 to \$999	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Cities								
Hartford ^c	137	8.3	374	22.7	797	48.4	221	13.4
West Bend.....	284	7.1	715	17.8	2,251	56.1	602	15.0
Villages								
Germantown.....	47	3.1	90	6.0	701	46.6	508	33.8
Jackson.....	23	3.9	79	13.6	278	47.8	146	25.1
Kewaskum.....	23	5.0	79	17.1	212	45.8	116	25.0
Newburg ^d	8	6.4	25	20.0	53	42.4	29	23.2
Slinger.....	46	8.8	146	27.9	197	37.7	105	20.1
Towns								
Addison.....	6	3.5	14	8.1	128	74.0	11	6.3
Barton.....	0	0.0	34	49.3	15	21.7	20	29.0
Erin.....	0	0.0	0	0.0	6	28.6	5	23.8
Farmington.....	0	0.0	6	9.2	49	75.4	10	15.4
Germantown.....	0	0.0	0	0.0	3	100.0	0	0.0
Hartford.....	3	2.7	22	19.8	42	37.9	18	16.2
Jackson.....	0	0.0	38	38.3	17	17.2	27	27.3
Kewaskum.....	0	0.0	10	22.2	22	48.9	2	4.4
Polk.....	0	0.0	19	17.0	45	40.2	40	35.7
Richfield.....	3	1.6	9	4.7	53	27.9	51	26.9
Trenton.....	0	0.0	2	2.9	39	57.4	4	5.9
Wayne.....	0	0.0	5	12.2	23	56.1	6	14.6
West Bend.....	0	0.0	41	21.8	103	54.8	24	12.8
Washington County ^e	580	5.8	1,708	17.0	5,034	50.1	1,945	19.4

Community	\$1,000 to \$1,499		\$1,500 or More		No Cash Rent ^b		Total		Median Rent (dollars)
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
Cities									
Hartford ^c	60	3.6	0	0.0	60	3.6	1,649	100.0	567
West Bend.....	98	2.4	0	0.0	64	1.6	4,014	100.0	603
Villages									
Germantown.....	121	8.1	9	0.6	27	1.8	1,503	100.0	709
Jackson.....	38	6.5	0	0.0	18	3.1	582	100.0	689
Kewaskum.....	11	2.4	7	1.5	15	3.2	463	100.0	616
Newburg ^d	8	6.4	0	0.0	2	1.6	125	100.0	598
Slinger.....	9	1.7	0	0.0	20	3.8	523	100.0	577
Towns									
Addison.....	0	0.0	0	0.0	14	8.1	173	100.0	554
Barton.....	0	0.0	0	0.0	0	0.0	69	100.0	513
Erin.....	6	28.6	0	0.0	4	19.0	21	100.0	850
Farmington.....	0	0.0	0	0.0	0	0.0	65	100.0	664
Germantown.....	0	0.0	0	0.0	0	0.0	3	100.0	588
Hartford.....	6	5.4	0	0.0	20	18.0	111	100.0	614
Jackson.....	0	0.0	0	0.0	17	17.2	99	100.0	571
Kewaskum.....	3	6.7	0	0.0	8	17.8	45	100.0	629
Polk.....	0	0.0	0	0.0	8	7.1	112	100.0	632
Richfield.....	28	14.7	0	0.0	46	24.2	190	100.0	765
Trenton.....	0	0.0	0	0.0	23	33.8	68	100.0	622
Wayne.....	0	0.0	0	0.0	7	17.1	41	100.0	618
West Bend.....	12	6.4	0	0.0	8	4.2	188	100.0	589
Washington County ^e	400	4.0	16	0.1	361	3.6	10,044	100.0	615

^aContract rent plus the estimated average monthly cost of utilities (electricity, gas, water, and sewer) and fuels are included in the calculations for monthly gross rent. Totals are based on a sample of one in six respondents to the 2000 Census.

^bIncludes rental units that are occupied without payment of rent. These units may be occupied by friends or relatives of the owner who do not get charged rent or caretakers, tenant farmers, and others who may receive the unit as compensation.

^cIncludes entire City of Hartford.

^dIncludes entire Village of Newburg.

^eIncludes all of Washington County and the entire City of Hartford and Village of Newburg.

Source: U.S. Bureau of the Census and SEWRPC.

Table 43

HOUSING UNITS BY NUMBER OF BEDROOMS IN THE TOWN OF HARTFORD: 2000^{a, b}

Tenure	1 or no bedroom		2 bedrooms		3 bedrooms		4 bedrooms		5 or more bedrooms		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Owner-occupied	0	0.0 ^c	104	8.2 ^c	918	72.4 ^c	198	15.6 ^c	48	3.8 ^c	1,268	100.0
Renter-occupied	0	0.0 ^c	70	56.9 ^c	22	17.9 ^c	11	8.9 ^c	20	16.3 ^c	123	100.0
Total	0	0.0 ^d	174	12.5 ^d	940	67.6 ^d	209	15.0 ^d	68	4.9 ^d	1,391	100.0

^aTotals are based on a sample of one in six responses to the 2000 Census.

^bTotals include occupied housing units only.

^cPercent of owner- or renter-occupied.

^dPercent of total units.

Source: U.S. Bureau of the Census and SEWRPC.

Table 44

HOUSING UNITS BY STRUCTURE TYPE IN THE TOWN OF HARTFORD: 1970 THROUGH 2006

Year	Single-Family		Two-Family		Multi-Family		Mobile Homes and Other ^a		Total ^b	
	Housing Units	Percent of Total	Housing Units	Percent of Total	Housing Units	Percent of Total	Housing Units	Percent of Total	Housing Units	Percent of Total
1970	588	88.4	-- ^c	-- ^c	55	8.3	22	3.3	665	100.0
1980	900	88.3	32	3.1	42	4.1	46	4.5	1,020	100.0
1990	1,035	89.7	57	4.9	22	1.9	40	3.5	1,154	100.0
2000 ^d	1,332	93.3	41	2.9	7	0.5	47	3.3	1,427	100.0
2006 ^e	1,384	93.5	41	2.8	7	0.5	47	3.2	1,479	100.0

^aIncludes mobile homes and living quarters that do not fit into the other categories, such as boats, railroad cars, campers, and vans. All housing units listed are mobile homes.

^bTotals are based on all housing units, including occupied and vacant units.

^cTwo-family and multi-family structure totals are combined in the 1970 Census.

^d2000 data are from the U.S. Census.

^e2006 data includes 2000 Census data plus the number of building permits issued for each type of housing unit from 2000 through 2006. Building permit data were provided by the Wisconsin Department of Administration.

Source: U. S. Bureau of the Census, Wisconsin Department of Administration, and SEWRPC.

- Age distribution
- Disabled population
- Household size
- Household projection: 2035

As with the above housing supply inventory data, Census 2000 Summary File 1 and Summary File 3 were used in the collection of the housing demand inventory data presented in this chapter. Again, Summary File 1 data were used when possible; however, in most cases only Summary File 3 data were available.

Affordable Housing Need Assessment

As previously stated, HUD defines housing affordability as households “paying no more than 30 percent of their income for housing.” Households

Table 45

YEAR BUILT FOR HOUSING UNITS
IN THE TOWN OF HARTFORD: 2000

Year Built	Housing Units	
	Number ^a	Percent
1995 to March 2000.....	104	7.3
1990 through 1994	241	16.9
1980 through 1989	169	11.8
1970 through 1979	392	27.5
1960 through 1969	170	11.9
1940 through 1959	186	13.0
Before 1940	165	11.6
Total	1,427	100.0
Median Year Built	1975	--

^aTotals are based on a sample of one in six respondents to the 2000 Census, and include all housing units, including occupied and vacant housing units.

Source: U.S. Bureau of the Census and SEWRPC.

Table 46

HOUSING CONDITIONS IN THE TOWN OF HARTFORD: 2006

Condition	Housing Type								Total	
	Single-Family		Two-Family		Multi-Family		Other			
	Number	Percent ^a	Number	Percent ^a	Number	Percent ^a	Number	Percent ^a	Number	Percent ^a
Unsound	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Poor/Very Poor	11	0.8	0	0.0	1	0.1	0	0.0	12	0.9
Average	1,138	81.6	9	0.6	5	0.4	0	0.0	1,152	82.6
Fair.....	13	0.9	0	0.0	0	0.0	0	0.0	13	0.9
Good	166	11.9	6	0.4	3	0.2	0	0.0	175	12.6
Very Good/Excellent	37	2.7	5	0.4	0	0.0	0	0.0	42	3.0
Total	1,365	97.9	17	1.2	6	0.4	0	0.0	1,394	100.0

^aPercent of total housing units.

Source: Grota Appraisals and SEWRPC.

that pay more than 30 percent of their monthly income for housing are considered to have a high housing cost burden. The measure is based on gross pre-tax income. Another measure of affordability is implicit in the long-standing mortgage lending practice of limiting borrower's monthly housing costs to 28 or 29 percent of their gross monthly income as a condition of loan approval. Thus, 28 to 30 percent can be considered a cutoff beyond which housing is not affordable. Data show that most households opt for less than that percentage, while others, particularly those with low incomes, are generally unable to find housing that costs less than 30 percent of their monthly income.

Town Housing Affordability Information

The following information is based on the HUD recommended affordability standard of paying no more than 30 percent of gross monthly income for housing costs.

- ***About 18 percent of households in the Town spent over 30 percent of their monthly income on housing costs in 2000***
 - About 115 households were extremely low income (below 30 percent of the Town median annual household income of \$69,896) or very low income (between 30 and 50 percent of the Town median annual household income of \$69,896) households in 2000
 - An extremely low income household (earning 30 percent of the 2000 Town median annual household income of \$69,896) could afford monthly housing costs of no more than \$524 in 2000, based on HUD recommended affordability standards
- ***The fair market rent⁶ in Washington County for a one bedroom apartment was \$591 in 2006***
- ***The fair market rent in Washington County for a two bedroom apartment was \$706 in 2006***

⁶Fair market rents (FMR) are established and used by HUD as the payment standard to calculate subsidies under the Section 8 Rental Voucher Program. HUD annually estimates the FMR for Washington County. The objective is to ensure a sufficient supply of rental housing for program participants in the County. To accomplish this objective, the FMR must be high enough to permit a selection of units and neighborhoods in the County, but low enough to serve as many low-income families as possible. The FMR definition used by HUD for the County is the 40th percentile rent, or the dollar amount below which 40 percent of standard-quality rental units in the County are rented.

- ***The median sale price of a home in the Town of Hartford was \$236,500 in 2006***
 - The minimum annual household income needed⁷ to afford a median priced home in the Town of Hartford was \$84,846 (or \$7,071 a month) in 2006
 - The minimum annual household income needed to afford a \$150,000 home in the Town was \$55,916 (or \$4,660 a month) in 2006
 - The minimum annual household income needed to afford a \$250,000 home in the Town was \$89,350 (or \$7,446 a month) in 2006
- ***Housing wage information***
 - A full-time worker (40 hours per week) must earn \$13.58 per hour to afford a two-bedroom rental unit at the County fair market rent of \$706 in 2006
 - A full-time worker (40 hours per week) must earn \$11.37 per hour to afford a one-bedroom rental unit at the County fair market rent of \$591 in 2006
 - A full-time worker (40 hours per week) must earn \$40.79 per hour to afford a median priced home (\$236,500) in the Town in 2006
 - A full-time worker (40 hours per week) must earn \$27.36 per hour to afford a \$150,000 home
 - A full-time worker (40 hours per week) must earn \$43.76 per hour to afford a \$250,000 home

2000 CHAS Data

CHAS data are a special tabulation of 2000 Census data, which HUD provides to local governments to be used for housing planning purposes as part of its Comprehensive Housing Affordability Strategy (CHAS). The CHAS is required to receive various HUD funded housing assistance programs and grants and is used by HUD in the allocation of formulas for distributing funds to local governments. The data is comprised of a variety of housing need variables categorized by HUD-defined income limits and household types. Table 47 sets forth the number of households with housing problems in the Town by income level and household type, as determined by the Census using HUD criteria.

Income levels include extremely low income households (30 percent or less of median family income), very low income households (30.1 to 50 percent of median family income), low income households (50.1 to 80 percent of median family income), moderate income households (80.1 to 95 percent of median family income), and other households (above 95 percent of median family income). Income levels are based on the HUD-adjusted area median family income⁸ (HAMFI). This is an estimate of median family incomes prepared by HUD for each metropolitan area and counties located outside a metropolitan area (Washington County is located within the Milwaukee-Waukesha-West Allis Metropolitan Area). HUD prepares an annual estimate of the median family income for a family of four. The four-person family income is then adjusted by household size as follows: 70 percent of base for a one-person household, 80 percent of base for a two-person household, 90 percent of base for a three-person household, 108 percent of base for a five-person household, etc. The HUD estimated family

⁷*The minimum income needed to afford a median priced home in the Town of Hartford (\$236,500) assumes a monthly housing cost that is 28 percent of the household's gross monthly income, a down payment of 5 percent of the cost of the home, a 6.5 percent interest rate on a 30 year mortgage, a property tax rate of \$14.24 per \$1,000 of assessed value (Town of Hartford's net tax rate in 2006), a property insurance cost of \$33 a month, a private mortgage insurance (PMI) cost of \$124 a month (using a loan to value ratio of 0.78), and \$100 per month for utilities.*

⁸*In compiling statistics on family income, the incomes of all members 15 years of age and older related to the householder are summed and treated as a single amount. Annual family income is generally greater than annual household income because many households consist of only one person.*

Table 47

HOUSEHOLDS WITH HOUSING PROBLEMS IN THE TOWN OF HARTFORD: 2000^a

Income Level ^b	Owner-Occupied Households											
	Elderly Family Households		Small Family Households		Large Family Households		Elderly Non-Family Households		Other Non-Family Households		Owner-Occupied Households With Problems	Percent With Problems ^c
	Number With Problems	Total Households in Category	Number With Problems	Total Households in Category	Number With Problems	Total Households in Category	Number With Problems	Total Households in Category	Number With Problems	Total Households in Category		
Extremely Low (Below 30 percent).....	--	--	--	--	10	10	10	10	--	--	20	1.4
Very Low (30.1 to 50 percent).....	--	25	20	30	--	--	--	20	10	10	30	2.1
Low (50.1 to 80 percent).....	--	25	50	65	4	4	--	15	20	20	74	5.3
Moderate (80.1 to 95 percent).....	--	--	10	25	4	8	--	--	--	10	14	1.0
Other (above 95 percent).....	10	75	80	700	--	125	--	10	25	90	115	8.2
Total	10	125	160	820	18	147	10	55	55	130	253	18.0

Income Level ^b	Renter-Occupied Households											
	Elderly Family Households		Small Family Households		Large Family Households		Elderly Non-Family Households		Other Non-Family Households		Renter-Occupied Households With Problems	Percent With Problems ^c
	Number With Problems	Total Households in Category	Number With Problems	Total Households in Category	Number With Problems	Total Households in Category	Number With Problems	Total Households in Category	Number With Problems	Total Households in Category		
Extremely Low (Below 30 percent).....	--	--	--	--	--	--	--	--	--	--	--	--
Very Low (30.1 to 50 percent).....	--	--	--	--	--	--	--	10	--	--	--	--
Low (50.1 to 80 percent).....	--	--	--	10	--	10	--	--	15	35	15	1.1
Moderate (80.1 to 95 percent).....	--	--	--	--	--	--	--	--	--	--	--	--
Other (above 95 percent).....	--	10	--	25	--	--	--	--	--	25	--	--
Total	--	10	--	35	--	10	--	10	15	60	15	1.1

^aHousing problems include households with a housing cost burden of over 30 percent or housing units without complete plumbing, kitchen facilities, or more than 1.01 occupants per room.

^bIncome level categories are based on a percentage range of the 1999 median family income.

^cPercent of all households (1,402).

Source: U.S. Bureau of the Census and SEWRPC.

Table 48

HUD ESTIMATED MEDIAN FAMILY INCOME BY FAMILY SIZE FOR THE MILWAUKEE-WAUKESHA-WEST ALLIS METROPOLITAN STATISTICAL AREA (MSA): 2006

Family Size	Median Income	80 Percent of Median Income
One Person	\$47,063	\$37,650
Two Person	\$53,750	\$43,000
Three Person	\$60,500	\$48,400
Four Person	\$67,188	\$53,750
Five Person	\$72,562	\$58,050
Six Person	\$77,938	\$62,350
Seven Person	\$83,313	\$66,650
Eight Person	\$88,686	\$70,950

Source: U.S. Department of Housing and Urban Development (HUD) and SEWRPC.

incomes for the Milwaukee-Waukesha-West Allis Metropolitan Area by family size are presented in the second column of Table 48. The third column of the table lists the income cut-off levels used to determine eligibility for HUD programs.

The following household types are included in the CHAS data: elderly family households (two people, one of whom is 62 or older), small family households (two persons, neither of whom is 62 or older, or three or four persons), large family households (five or more persons), elderly non-family households (one or two person non-family households with either person 62 or older), and other non-family households. Housing problems include households with a cost burden of over 30 percent or housing units that lack complete plumbing, lack complete kitchen facilities, or have 1.01 or more occupants per room.

Table 49

HOUSEHOLDS WITH A HOUSING COST BURDEN IN THE TOWN OF HARTFORD: 2000^a

Income Level ^b	Owner-Occupied Households				Renter-Occupied Households			
	Cost Burden of 30.1 to 50 Percent		Cost Burden of Over 50 Percent		Cost Burden of 30.1 to 50 Percent		Cost Burden of Over 50 Percent	
	Number	Percent ^c	Number	Percent ^c	Number	Percent ^c	Number	Percent ^c
Extremely Low (Below 30 percent).....	10	0.7	10	0.7	--	--	--	--
Very Low (30.1 to 50 percent).....	20	1.4	10	0.7	--	--	--	--
Low (50.1 to 80 percent).....	50	3.6	30	2.1	4	0.3	4	0.3
Moderate (80.1 to 95 percent).....	10	0.7	--	--	--	--	--	--
Other (above 95 percent).....	105	7.5	--	--	--	--	--	--
Total	195	13.9	50	3.6	4	0.3	4	0.3

Income Level ^b	Total-Occupied Households					
	Cost Burden of 30.1 to 50 Percent		Cost Burden of Over 50 Percent		Total Households With a Housing Cost Burden	Percent of Households With a Housing Cost Burden ^c
	Number	Percent ^c	Number	Percent ^c		
Extremely Low (Below 30 percent).....	10	0.7	10	0.7	20	1.4
Very Low (30.1 to 50 percent).....	20	1.4	10	0.7	30	2.1
Low (50.1 to 80 percent).....	54	3.8	34	2.1	88	6.3
Moderate (80.1 to 95 percent).....	10	0.7	--	--	10	0.7
Other (above 95 percent).....	105	7.5	--	--	105	7.5
Total	199	14.2	54	3.8	253	18.0

^aSpending over 30 percent of monthly household income on housing is considered to be a high housing cost burden.

^bIncome level categories are based on a percentage range of the 1999 median family income.

^cPercent of total households (1,402).

Source: U.S. Bureau of the Census and SEWRPC.

Overall, about 19 percent of households in the Town, or 268 households, experienced a housing problem in 2000. About 18 percent of owner-occupied households, or 253 households, experienced a housing problem and about 1 percent of renter-occupied households, or 15 households, experienced a housing problem.

Table 49 sets forth the number of households with a high housing cost burden for owner-occupied and renter-occupied households in the Town by income level in 2000. Overall, about 18 percent of households, or 253 households, experienced a high cost burden for housing. About 17 percent of owner-occupied households, or 245 households, experienced a high housing cost burden and about 1 percent of renter-occupied households, or eight households, experienced a high housing cost burden.

The median percentage of monthly income spent on housing costs by owner-occupied households with a mortgage in the Town was about 21 percent. The median percentage spent by owner-occupied households without a mortgage was about 10 percent and the percentage spent by renter-occupied households was about 18 percent. This shows that most households opt to pay substantially less than the 30 percent affordability standard defined by HUD.

Table 50⁹ sets forth the number of households with more than 1.01 occupants per room in the Town in 2000. The number of occupants per room is obtained by dividing the number of people in each occupied housing unit by the number of rooms in the unit. Rooms considered in the calculation include: living room, dining room, kitchen, bedrooms, finished recreation rooms, and enclosed porches suitable for year-round use. Although the U.S. Census Bureau has no official definition of crowded units, many consider units with more than one occupant per room to be crowded. There were six owner-occupied housing units in the Town in 2000 that reported more than one person per room to the Census. No renter-occupied units were reported as overcrowded.

⁹Table 50 is based on Summary File 3 Census 2000 data (a sample of one in six respondents).

Table 50

HOUSING OCCUPANCY BY NUMBER OF OCCUPANTS PER ROOM IN THE TOWN OF HARTFORD: 2000^{a, b}

Tenure	0.50 or less occupants per room		0.51 to 1.00 occupants per room		1.01 to 1.50 occupants per room		1.51 or more occupants per room		Total	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Owner-occupied Units.....	887	69.9	375	29.6	6	0.5	0	0.0	1,268	100.0
Renter-occupied Units	100	81.3	23	18.7	0	0.0	0	0.0	123	100.0

^aTotals are based on a sample of one in six responses to the 2000 Census.

^bA housing unit is considered overcrowded if there is more than one occupant per room. Rooms considered in the calculation include: living room, dining room, kitchen, bedrooms, finished recreation rooms, and enclosed porches suitable for year-round use.

Source: U.S. Bureau of the Census and SEWRPC.

The number of households without complete plumbing or kitchen facilities was obtained from answers to the 2000 Census long-form questionnaire, which was asked on a sample. Complete plumbing facilities include: (1) hot and cold piped water, (2) a flush toilet, and (3) a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities is not present. A unit has complete kitchen facilities when it has all of the following: (1) a sink with piped water; (2) a range or cook top and oven; and (3) a refrigerator. All kitchen facilities must be located in the house, apartment, or mobile home, but they need not be in the same room. A housing unit having only a microwave oven or portable heating equipment, such as a hot plate or camping stove, is not considered as having complete kitchen facilities. An ice box is not considered to be a refrigerator. There were 11 housing units lacking complete plumbing facilities and eight housing units lacking complete kitchen facilities in the Town in 2000.

Income

Income should be considered when developing policies intended to help provide housing units within a cost range affordable to all income groups. The median household income in the Town in 1999 was \$69,896. This is comparable to an income of about \$81,086 in 2006 based on the Consumer Price Index. A household earning the estimated 2006 median household income of \$81,086 per year could afford a home of \$225,000, based on the household paying 30 percent of its income on housing.

Homeless and Transitional Housing

Washington County has two shelters operated jointly by the Salvation Army, St. Vincent de Paul, and the American Red Cross Housing Support Services. These shelters, located in the Cities of Hartford and West Bend, are not staffed 24 hours a day and accommodations are limited to one household or one individual at a time. For those who can not be accommodated, the shelters will refer a household to a shelter in a surrounding county (about 10 households per year are referred to a surrounding county), or provide motel vouchers, if funding is available. Table 51 sets forth figures for Washington County homeless and transitional housing in 2006.

The Wisconsin Division of Housing requires point-in-time counts for one night when the homeless in the county are counted. Point-in-time counts were done in January and September in 2006. The January point-in-time count totaled 15 people (from 10 households) that were provided shelter (West Bend, Hartford, or motel voucher) in the County. Three families and one individual could not be served on that day due to lack of resources (space or funds) or those seeking shelter refused resources offered to them. Two other individuals were refused and spent the time unsheltered. The September point-in-time count totaled 28 people (from 22 households) that were provided shelter (West Bend, Hartford, or motel voucher) in the County. Two families and six individuals could not be served on that day due to lack of resources (space or funds) or those seeking shelter refused resources offered to them.

Age Distribution

Age distribution has important implications for planning and the formation of housing policies. The age distribution and gender composition of the population of the County and the Town in 2000 is set forth in Table 4 in Chapter III.

Table 51

**HOMELESS AND TRANSITIONAL
HOUSING IN WASHINGTON COUNTY: 2006**

Shelter	Number of Households	Number of Nights	Average Length of Stay (Days)	Demographics
West Bend.....	10	321	30	2 Single parent families 1 Adult couple 4 Single males 3 Single females
Hartford ^a	6	81	14	1 Adult couple 1 Single male 4 Single females
Motel	5	48	10	4 Single males 1 Single female
Total	21	--	18	2 Single parent families 2 Adult couples 9 Single males 8 Single females

^aShelter opened June 1, 2006.

Source: American Red Cross of Wisconsin and SEWRPC.

Table 52

**PERSONS AGE 5 AND OVER WITH
DISABILITIES IN THE TOWN OF HARTFORD: 2000^a**

Age Group	Persons With a Disability	Percent of Age Group	Total Population in Age Group
5 to 20.....	38	4.0	956
21 to 64.....	156	6.4	2,447
65 and over.....	96	31.7	303
Total	290	7.8	3,706

^aDisability types include sensory, physical, mental, self-care, and employment. A single respondent may have multiple types of disabilities. The data is based on a sample of one in six residents of the civilian non-institutionalized population.

Source: U.S. Bureau of the Census and SEWRPC.

When forming housing policy it is important to consider not only the current age composition, but what the age composition may be in the plan design year of 2035. The population 65 years and older is projected to increase throughout the planning period. By 2030, all of the baby-boom generation will be over age 65. In 2035, persons 65 years of age and older are expected to comprise about 24 percent of the County population, compared to about 11 percent in 2000; or an increase from 13,212 persons in 2000 to 38,325 persons in 2035. There will likely be a demand for a higher percentage of specialized-housing units for the elderly if the elderly population increases as projected over the next three decades. Table 56 in Chapter IX lists the facilities in Washington County for persons of advanced age (60-plus years of age) licensed by the Wisconsin Department of Health and Family Services as of February 2006.

Persons with Disabilities

Persons with disabilities are another segment of the Town population that may have special housing needs. The number of residents with disabilities by age group in 2000 is set forth in Table 52. The 65 and over age group had the highest percentage of people reporting a disability, at about 32 percent or 96 people. About 6 percent of people ages 21 to 64, or 156 people, reported having a disability and about 4 percent of people ages 5 to 20, or 38 people, reported having a disability. Although the aging population has the highest percentage of people reporting a disability, the largest number of people reporting a disability was in the 21 to 64 age group. Housing with varying levels of care or programs that provide in-home care services in addition to those which cater to needs of senior citizens may be needed in the Town as a result.

Table 53 sets forth the type of disabilities reported in 2000 for Town residents. One person may report having multiple types of disabilities.

Several types of disabilities are included in the data:

- Sensory – Blindness, deafness, or a severe sight or hearing impediment
- Physical – A condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying
- Mental disability – A condition lasting at least six months that makes learning, remembering, or concentrating difficult

Table 53

REPORTED DISABILITIES BY TYPE IN THE TOWN OF HARTFORD: 2000^a

Community and Age Group	Type of Disability						Total
	Sensory	Physical	Mental	Self-care	Go-outside-home	Employment	
5 to 15.....	0	0	6	0	-- ^b	-- ^b	6
16 to 64.....	44	77	14	9	28	75	247
65 and over.....	26	79	22	16	50	-- ^b	193
Total	70	156	42	25	78	75	446

^aA single respondent may have multiple types of disabilities. The data is based on a sample of one in six residents of the civilian non-institutionalized population.

^bThe Census did not collect data for disability type for this age group.

Source: U.S. Bureau of the Census and SEWRPC.

- Self-care disability – A condition lasting at least six months that makes dressing, bathing, or getting around inside the home difficult
- Going outside the home disability – A condition lasting at least six months that makes going outside the home alone difficult (applies only to those residents at least 16 years of age and under 65 years of age)
- Employment disability – A condition lasting at least six months that makes working at a job or business difficult (applies only to those residents at least 16 years of age)

The range of disabilities reported may influence the type of housing required to provide for the needs of people with disabilities. Table 57 in Chapter IX lists the facilities in Washington County for the mentally and physically disabled licensed by the Wisconsin Department of Health and Family Services as of February 2006.

Household Size

While it is important to provide housing options that are affordable for households of all income levels, it is also important to provide housing options that meet space requirements for households of various sizes. Table 9 in Chapter III lists the number of households in each size category, ranging from one-person households to households containing seven or more members, in each local government and the County in 2000. The average household size for the Town was 2.88 persons. The average household size in the Town is expected to decrease to 2.54 in 2035, a trend that has been experienced throughout the United States since the 1950's. An implication of this decrease may be housing policies that allow for a higher percentage of smaller homes.

Household Projections: 2035

The number of additional housing units needed in the 2035 plan design year is projected by first selecting a population projection. The Town selected a 2035 population projection of 4,800 persons (see Chapter III). The number of residents expected to reside in "group quarters," where applicable, (10 persons in the Town) is then subtracted from the projected total population, and the result is divided by the projected household size (2.54 persons per household in 2035). This number is then multiplied by the HUD desired vacancy rate of 3 percent to determine the total number of housing units needed in the Town in 2035. The resulting number of housing units is about 1,943.

The number of additional housing units needed between 2000 and 2035 to provide an adequate supply is determined by subtracting the number of housing units in 2000 (1,438 housing units) from the projected number of housing units needed in 2035. The resulting projected demand is about 505 additional housing units in the Town between 2000 and 2035. As of the end of 2007, there were an estimated 1,482 housing units in the Town, which would result in a need for an additional 461 housing units between 2008 and 2035.

Table 54

**MINIMUM LOT SIZE AND FLOOR AREA REQUIREMENTS IN
RESIDENTIAL ZONING DISTRICTS IN THE TOWN OF HARTFORD ZONING ORDINANCE: 2007**

Residential Zoning District	Minimum Lot Size	Minimum Floor Area (square feet)
RR Rural Residential District	40,000 square feet	1,000 minimum for one story dwellings; 1,200 for multi-story dwellings
R Residential District	40,000 square feet for unsewered; 12,000 square feet for sewer	Same as RR District

Note: This table is a summary and should not be used as a guide to answer zoning-related questions. Refer to the Town zoning ordinance and map for specific zoning information.

Source: Town of Hartford zoning ordinance and SEWRPC.

PART 2: COMMUNITY POLICIES AND REGULATIONS AFFECTING THE PROVISION OF HOUSING

Housing structure types, home sizes, and lot sizes are controlled by Town zoning regulations. This section summarizes Town zoning regulations affecting housing.

Zoning Regulations

Zoning Districts

The zoning authority of the Town represents an important influence on housing development patterns. Zoning regulations can substantially determine the location, size, and type of housing. A summary of existing residential zoning districts is presented in Table 54. A summary of all zoning districts is included in Chapter II.

Housing Unit Type

The type of housing unit allowed is generally determined by the type of structures allowed in residential zoning districts. This is important because apartment units tend to be more affordable to lower-income households than single-family housing units.

Areas zoned as single-family residential typically allow only one detached single-family home per lot. These homes tend to be owner-occupied, but may be rental units. Areas zoned for two-family residential uses allow for duplexes that may be owner-occupied or rental units, or include one unit occupied by the owner with the second unit rented. Areas zoned as multi-family residential allow for structures with three or more units. Multi-family districts vary in the number of units and number of floors allowed per structure. Many housing units in these districts are rental units; however, some may be owner-occupied such as townhouses or other single-family attached housing units.

The Town of Hartford zoning ordinance includes only single-family residential zoning districts. Residential areas are zoned for 40,000 square-foot lots in unsewered areas and 12,000 square-foot lots in sewer areas of the Pike Lake Sanitary District and the Hilldale residential area. Larger lots are necessary in unsewered areas to allow adequate lot area for the siting of on-site waste treatment systems and private wells.

The Agricultural Preservation (AP) and Agricultural Transition (AT) zoning districts allow one single family home per parcel as a conditional use. Additional single family dwellings for a child or parent of a farm operator may also be permitted as a conditional use. Two-family dwellings with a minimum of 900 square feet per unit may also be permitted as a conditional use in the AP and AT zoning districts. Single family dwellings unrelated to farming that existed prior to September 9, 1979 are permitted as principal uses in the AP and AT zoning districts.

Minimum Floor Area Requirements

In addition to minimum lot size requirements, the Town zoning ordinance includes minimum floor area requirements that affect the size of housing units. These requirements are important because the cost of housing units typically increases for larger homes. Minimum floor area requirements for single-family detached dwellings in the Town range from 1,000 square feet for one-story dwellings to 1,200 square feet for multi-story dwellings.

Flexible Zoning Regulations

Regulations which allow for more flexibility than the traditional residential zoning regulations for residential development may help the Town provide additional affordable housing. Flexible zoning regulations in the Town zoning ordinance include the following:

- The Planned Residential Development (PRD) regulations in the Town zoning ordinance allow an increase in the overall density of residential development and reductions in minimum lot sizes and setbacks subject to specified conditions. The PRD regulations allow single-family residences to be developed at a density no greater than two times the maximum residential density permitted in the underlying zoning district. Minimum lot sizes may be reduced to half the size required in the underlying district. The PRD option may be used on tracts of land two acres or larger in the Rural Residential (RR), Residential (R), and Outdoor Recreation (OR) zoning districts, provided the Town Board approves the development plan.
- Conservation subdivisions reduce the minimum lot size that would be required for each home in a conventional subdivision and locate homes on a portion of a development parcel in order to preserve the remainder of the parcel in open space. Conservation subdivisions could be developed in the Town under the PRD regulations.

Accessory apartments, sometimes referred to as “mother-in-law” units, are secondary dwellings established in conjunction with and clearly subordinate to a primary dwelling, and may be part of the same structure as the primary dwelling or a detached unit on the same lot, as specified in the zoning ordinance. Accessory apartments are one way to provide lower-cost housing in communities, such as the Town of Hartford, that lack the urban services necessary to support apartment buildings and other multi-family housing. The Town zoning ordinance currently does not permit accessory apartments.

PART 3: HOUSING GOALS, OBJECTIVES, POLICIES, AND PROGRAMS

Goals:

- In cooperation with neighboring communities, support an appropriate range of housing types to serve the varied and special needs of area residents.
- Maintain the rural character of the Town outside planned sewer service areas.
- Support fair housing practices.
- Provide safe and decent housing for all Town residents.

Objectives:

- Allow residential development in appropriate areas as designated on the land use plan map (Map 34 in Chapter VI).
- Provide well-constructed and maintained housing with adequate services.
- Provide suitable housing for persons with disabilities and the elderly.

Policies:

- Designate areas on the Town land use plan map to support the private sector in the development or redevelopment of housing to serve the needs of persons of all income levels, ages, and persons with disabilities, including low and moderate income housing.
- Consider allowing multi-family housing, including condominium and rental units, in areas contiguous to existing urban development and in areas that are served or will be served by sanitary sewer and public water prior to development.

- Strive to keep housing affordable by limiting restrictions in the Town zoning ordinance relating to the size and appearance of housing. Do not require masonry exteriors, more than one story, or minimum home sizes of more than 1,000 square feet for one-story dwellings in single-family residential zoning districts.
- Support appropriate County, private, and church efforts and consider new programs that provide needed assistance for elderly and disabled residents who wish to stay in their own homes.
- Support preventive maintenance of existing housing units and early rehabilitation of deteriorating housing units.
- Encourage residential development only on soils that are well suited to such development when served by private onsite waste treatment systems (POWTS) and private wells in order to avoid the creation of water pollution and public health problems.
- Discourage housing discrimination based on protected classes and unlawful acts set forth in Federal and State laws.
- Support efforts by private developers and other housing providers to include construction design concepts such as Universal Design¹⁰ and Visitability. Visitability is a movement to change home construction practices so that all new homes, not just custom built homes, offer a few specific features that make the home easier for people with mobility impairment to live in or visit. Minimum requirements include wide passage doors, at least a half-bath on the first floor, and at least one zero-step entrance approached by an accessible route on a firm surface no steeper than a 1:12 grade from a driveway or public sidewalk.

Programs:

- Allocate sufficient area for residential development on the Town land use plan map to accommodate the anticipated population of the Town in 2035 and to provide areas for housing to serve the needs of persons of all income levels, ages, and persons with disabilities.
- Work with government agencies and developers to implement creative ideas for providing low and moderate income housing in the Town while maintaining appropriate densities.
- Consider amending the Town zoning ordinance to accommodate accessory units in residential zoning districts as an option for providing affordable housing and housing for the elderly and persons with disabilities.
- Consider amending the Town zoning ordinance to include a multi-family zoning district.
- Consider amending the Town zoning and subdivision ordinances to grant a density bonus in land divisions that provide for affordable housing.
- Continue to enforce the Town building code to ensure adequate insulation, heating, and plumbing.
- Work with existing housing agencies to identify programs and potential funding sources to assist homeowners with making needed repairs, including improvements to meet State and Federal lead-safe standards.
- Work with the Washington County Health Department to enforce State public health *Statutes* and County ordinances concerning dilapidated, unsafe, or unsanitary housing that poses a human health hazard.
- Continue to cooperate with Washington County to ensure the County has reviewed proposed land divisions for compliance with the County Land Division and Sanitary Ordinances relating to land suitability, wastewater treatment and disposal, and other applicable requirements.

¹⁰*Accessibility for persons with disabilities can be increased by providing homes with wider doors and hallways, level surfaces, bathrooms on the first floor, and other features, often referred to as “Universal Design.”*

Chapter VIII

TRANSPORTATION ELEMENT

INTRODUCTION

The transportation element is one of the nine elements of a comprehensive plan required by Section 66.1001 of the *Wisconsin Statutes*. Section 66.1001(2)(c) of the *Statutes* requires this element to compile goals, objectives, policies, and programs to guide the future development of various modes of transportation in the County. Under the comprehensive planning law, the transportation element should incorporate State and Regional transportation plans, and compare County goals, objectives, policies, and programs to those of State and Regional transportation plans.

Modes of transportation addressed in this element include:

- Arterial streets and highways
- Collector and land access streets
- Public transit
- Transportation systems for persons with disabilities and the elderly
- Bicycle and pedestrian facilities
- Railroads
- Air transportation
- Trucking and water transportation

In addition, the following comprehensive planning goals related to the transportation element are set forth in Section 16.965 of the *Statutes* and were addressed as part of the planning process:¹

- Promotion of the redevelopment of land with existing infrastructure and public services and the maintenance and rehabilitation of existing residential, commercial, and industrial structures.
- Encouragement of neighborhood designs that support a range of transportation choices.
- Encouragement of land uses, densities and regulations that promote efficient development patterns and relatively low municipal, State government, and utility costs.
- Encouragement of coordination and cooperation among nearby units of government.

¹Chapter I lists all 14 of the comprehensive planning goals included in Section 16.965 of the *Statutes*.

- Providing an integrated, efficient, and economical transportation system that affords mobility, convenience, and safety and that meets the needs of all citizens, including transit-dependant citizens and persons with disabilities.

This chapter is divided into three parts; an inventory of existing transportation facilities in the Town and County; a description of the regional transportation system plan and the County jurisdictional highway system plan; and goals, objectives, policies, and programs for transportation facilities in the Town and County.

PART 1: TRANSPORTATION FACILITIES AND SERVICES

This section presents inventories of the existing transportation system in Washington County and the Town of Hartford. Much of the inventory information included in this section is drawn from the regional transportation system plan. The 2035 regional transportation plan includes four elements: public transportation, travel demand management, bicycle and pedestrian facilities, and arterial streets and highways. Inventory information relating to each of these elements is presented in this section. Information on rail, harbors, and airport services is also provided.

Streets and Highways

The street and highway system serves several important functions, including the movement of through vehicular traffic; providing vehicular access to abutting land uses; providing for pedestrian and bicycle circulation; and serving as the location for utilities and stormwater drainage facilities. Two of these functions—traffic movement and land access—are basically incompatible. As a result, street and highway system design is based on a functional grouping or classification of streets and highways, based on the primary function served. The three functional classifications of streets and highways are: arterial streets, collector streets, and land access streets. In 2008, there were approximately 70 miles of streets and highways in the Town of Hartford,² under the Town's Wisconsin Department of Transportation (WisDOT) certified mileage. Streets and highways in the Town are shown on Map 12.

Arterial Streets

The arterial street and highway system is intended to provide a high degree of travel mobility, serving the through movement of traffic between and through urban areas. The regional transportation system plan³ identifies the location, number of lanes, and the level of government recommended to have jurisdiction over each arterial street and highway. Recommendations for the location and number of lanes of arterial streets and highways are determined in part by travel simulation models, which are used to determine the existing and potential travel demand on proposed transportation networks, based on the development pattern recommended by the regional land use plan.

In addition to their functional classification, arterial streets and highways are also classified by the unit of government that has responsibility, or jurisdiction, over the facility. WisDOT has jurisdiction over the State trunk highway (STH) system, Washington County has jurisdiction over the County trunk highway (CTH) system, and each local government has jurisdiction over local arterial streets within the local government.

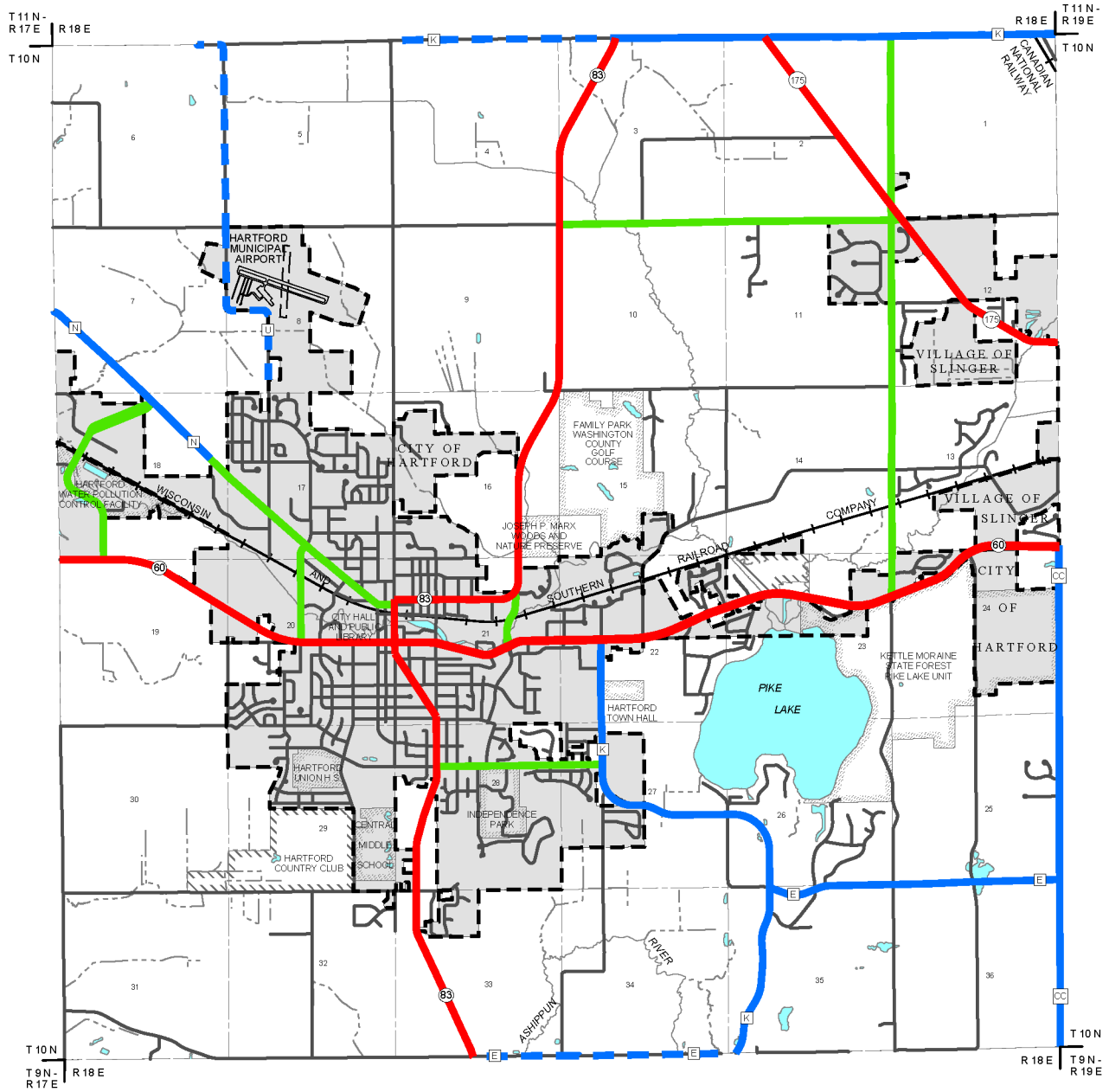
There were about 22.1 miles of arterial highways in the Town in 2008. About 8.9 miles were under the jurisdiction of WisDOT, including STH 83, 60 and 175. About 8.7 miles of arterial highways were under the

²*Total street and highway mileage does not include private streets.*

³*The most recent regional transportation system plan is documented in SEWRPC Planning Report No. 49, A Regional Transportation System Plan for Southeastern Wisconsin: 2035, June 2006. Recommendations for the jurisdiction and improvement of the arterial street system were updated by the Washington County Jurisdictional Highway System Plan, which was adopted in December 2008.*

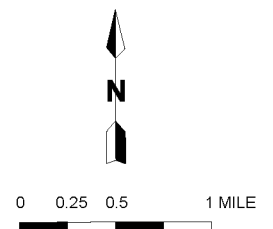
Map 12

EXISTING STREETS AND HIGHWAYS IN THE TOWN OF HARTFORD AND ENVIRONS: 2008



- STATE ARTERIAL (NON-FREEWAY)
- COUNTY ARTERIAL
- - - COUNTY HIGHWAYS NOT CLASSIFIED AS ARTERIAL HIGHWAYS
- LOCAL ARTERIAL STREETS
- COLLECTOR AND LAND ACCESS STREETS

Source: Wisconsin Department of Transportation and SEWRPC.



jurisdiction of Washington County, including CTH N, CC, that portion of CTH E between CTH K and CTH CC, that portion of CTH K between the Hartford-Erin town line and STH 60, and that portion of CTH K along the Hartford-Addison town line east of STH 83. There were about 4.5 miles of arterial streets under Town jurisdiction, including that portion of Kettle Moraine Road between STH 60 and CTH K and that portion of Arthur Road between STH 83 and Kettle Moraine Road.

The State trunk highway system, which includes Interstate Highways, U.S.-numbered highways (USH), and State trunk highways, generally carry the highest traffic volumes, provide the highest traffic speeds, have the highest degree of access control, and serve land uses of statewide or regional significance. State trunk highways serve the longest trips, principally carrying traffic traveling through Washington County and between Washington County and other counties. County trunk highways form an integrated system together with the State trunk highways and principally serve traffic between communities in the County and land uses of countywide importance. Local arterial streets and highways would serve the shortest trips, serve locally-oriented land uses, carry the lightest traffic volumes on the arterial system, provide lower traffic speeds, have the least access control, and principally serve traffic within a local government (typically in cities and villages).

Collector and Land Access Streets

The primary function of land access streets is to provide access to abutting property. Collector streets are intended to serve primarily as connections between the arterial street system and the land access streets. In addition to collecting and distributing traffic to and from the land access streets, collector streets usually perform a secondary function of providing access to abutting property. The right-of-way width and cross-section for collector and land access streets are uniform throughout the Town as specified in the land division ordinance,⁴ compared to arterial streets whose widths and cross-sections vary based on anticipated traffic loads. In 2008, there were about 47.8 miles of collector and land access streets in the Town, including about 3.3 miles of non-arterial county highways (CTH U, that portion of CTH K along the Hartford-Addison town line west of STH 83, and that portion of CTH E along the Hartford-Erin town line between STH 83 and CTH K), and 44.5 miles under Town jurisdiction.

County and Local Street Inventory

WisDOT maintains a detailed database of county and local street information in the “Wisconsin Information System for Local Roads” (WISLR). Physical attributes such as right-of-way and pavement width, number of traffic lanes, type of surface and pavement rating, the presence and type of shoulders or curbs, and the presence of sidewalks are available through a database that can be accessed through the WisDOT website by registered users. Administrative information, including the functional classification and owner of a street, can also be obtained. The information in the database is provided by county and local governments, and is intended to assist in reporting roadway pavement conditions. Under Section 86.302 of the *Wisconsin Statutes*, pavement ratings must be submitted to WisDOT by each county and local government every other year. The PASER method (pavement surface evaluation and rating) is the most commonly used method in Wisconsin.

Travel Demand Management

The existing freeway traffic management system in Southeastern Wisconsin consists of many elements which are often referred to as intelligent transportation systems. The elements of the freeway traffic management system include: traffic detectors, ramp metering, high-occupancy vehicle bypass ramps, variable message signs, highway advisory radio, closed-circuit television, service patrols, crash investigation sites, and enhanced reference markers. Ramp metering, a crash investigation site, and a closed-circuit television camera are present on southeastern portions of the Washington County section of the freeway system. Ramp meters are installed on the southbound on-ramps to USH 41/45 at Lannon Road and at CTH Q (Washington – Waukesha County Line Road). A crash investigation site is located at the Lannon Road park-ride lot near the interchange of CTH Y and USH 41/45 in the Village of Germantown.

⁴Minimum right-of-way and pavement width requirements for new town roads are specified in Section 82.50 of the Wisconsin Statutes.

There is also a closed-circuit television camera at the Washington – Waukesha County line on USH 41/45, which provides real-time video for the identification and confirmation of congested areas and incident locations. Video is monitored at the WisDOT Traffic Operation Center in Milwaukee. Video is supplied to some emergency response agencies so that their dispatchers can provide personnel with incident locations and information. The WisDOT also provides some of its camera images to the media and to its website for viewing by the general public.

Public Transportation

Public transportation is the transportation of people by publicly operated vehicles between trip origins and destinations, and may be divided into service provided for the general public and service provided to special population groups. Examples of special group public transportation include yellow school bus service operated by area school districts, and fixed-route bus and paratransit van service provided by counties or municipalities for the elderly and disabled. Public transportation service to the general public may further be divided into the following three categories:

- Intercity or interregional public transportation, which provides service across regional boundaries, and includes Amtrak railway passenger service, interregional bus service, and commercial air travel.
- Urban public transportation commonly referred to as public transit, which is open to the general public and provides service within and between large urban areas. The fixed-route bus transit system (Washington County Commuter Express) operated by Washington County falls into this category.
- Rural and small urban community public transportation, which is open to the general public and provides service in and between small urban communities and rural areas, may also provide connections to urban areas. The nonfixed-route shared-ride taxi system currently operated by Washington County falls into this category.

Public transit is essential in any metropolitan area to meet the travel needs of persons unable to use personal automobile transportation; to provide an alternative mode of travel, particularly in heavily traveled corridors within and between urban areas and in densely developed urban communities and activity centers; to provide choice in transportation modes as an enhancement of quality of life; and to support and enhance the economy.

Interregional Public Transportation

Rail, bus, ferry, and airline carriers provided Town residents with public transportation service between the Southeastern Wisconsin Region and a number of cities and regions across the Country, as described in the following paragraphs.

Rail Service

No intercity passenger train service is provided in Washington County, but County residents are served in nearby counties. Intercity passenger train service is provided by Amtrak over Canadian Pacific Railway lines, with stops in 2008 at the downtown Milwaukee Amtrak depot, General Mitchell International Airport, Sturtevant in Racine County, and Columbus in Columbia County. Amtrak operated six weekday trains in each direction between Milwaukee and Chicago and one weekday train in each direction between Chicago, Milwaukee, St. Paul – Minneapolis, and Seattle. Commuter rail service was provided between Kenosha and Chicago by Metra's Union Pacific North line with intermediate stops between Kenosha and downtown Chicago in northeastern Illinois' north shore suburbs. Studies are underway to develop a commuter line, referred to as the KRM, connecting downtown Milwaukee to the Metra line in Kenosha with stops in communities in Kenosha, Racine and Milwaukee counties.

Bus Service

Scheduled intercity bus services were provided to the Region by four carriers; although none of the buses made stops in Washington County. Two of those carriers have routes through Washington County on USH 41; these include Greyhound and Lamers Bus Lines. Greyhound operates a route between Milwaukee and Green Bay with stops in Manitowoc and Oshkosh. Service provided by Greyhound in Southeastern Wisconsin is centered in Milwaukee, which the carrier uses as a regional hub at which passengers have the opportunity to transfer between

buses. Daily service provided by Lamers Bus Lines included one bus trip in each direction between Milwaukee and Wausau with a stop in Appleton. The two additional intercity buses serving the Region were Badger Coaches and United Limo. Badger Coaches provides daily round trips between Madison and downtown Milwaukee, with stops in Memorial Union in Madison, Johnson Creek, Goerke's Corners, Oconomowoc, West Allis, the University of Wisconsin-Milwaukee, and General Mitchell International Airport. Weekday service provided by United Limo includes round-trips between Goerke's Corners in Waukesha County and Chicago O'Hare International Airport, with stops in downtown Milwaukee and at General Mitchell International Airport.

Ferry Service

There is no Lake Michigan cross-lake ferry service directly to Washington County, but such services are available in nearby cities. In 2008, passenger and car cross-lake ferry services were available between Milwaukee and Muskegon, Michigan and between Manitowoc and Ludington, Michigan. Both ferry services operate in the months of May through October of each year.

Air Service

There are no airports in Washington County providing public commercial air service. Passenger air service for County residents is provided by a number of air carriers at Milwaukee County's General Mitchell International Airport. In 2008, there were about 235 scheduled nonstop weekday flights between Mitchell International, with 90 cities served non-stop or direct, and connections available to any destination served by air.

Urban Public Transportation

Park-Ride Facilities

Park-ride facilities enable efficient travel within Southeastern Wisconsin through transfer between private vehicle and public transit, and between single occupant or solo driver private vehicles and carpools. Washington County has seven park-ride lots, including four park-ride lots served by transit and three park-ride lots not served by transit (these lots are not large enough to accommodate a bus). Park-ride lots served by the Washington County Commuter Express (WCCE) bus in 2008 include lots at the interchanges of USH 41/45 and CTH Y/Lannon Road in the Village of Germantown, USH 45 and Paradise Drive in the City of West Bend, USH 45 and Pleasant Valley Road at the Washington County Fair Park grounds, and at the former Highway View Elementary School on Pioneer Road in the Town of Polk. The three park-ride lots not served by transit are available for use by persons who meet to carpool, and are located at the intersections of CTH P and STH 60 in the Village of Jackson, and at two USH 41 interchanges located in the Town of Addison, the CTH K and STH 33 interchanges.

Washington County Commuter Express Bus System

The WCCE Bus System, which runs weekdays only (Monday through Friday), consists of two express commuter bus routes. The routes operate between three WCCE park-ride lots located along USH 45 in Washington County to Milwaukee County. The Downtown Milwaukee Express provides service between Washington County and Wisconsin Avenue in downtown Milwaukee. The Downtown Milwaukee Express completes seven trips each weekday morning, transporting persons from Washington County to downtown Milwaukee; and seven trips each weekday afternoon/evening, transporting persons from downtown Milwaukee to Washington County. The Froedtert, Mayfair, Marquette High, and Veteran Affairs Medical Center Express provide service between Washington County and the Milwaukee Regional Medical Center, Mayfair Mall, and Watertown Plank Road/STH 100. The Froedtert, Mayfair, Marquette High, and Veteran Affairs Medical Center Express completes four trips each weekday morning, transporting persons from Washington County to Milwaukee County; and five trips each weekday afternoon/evening, transporting persons from Milwaukee County to Washington County. WCCE ridership has increased annually since the transit service began in 2000. In 2000 the system had 13,701 riders. By 2005 this figure increased to 80,143 riders, an increase of 485 percent in five years.

Rural and Small Urban Community Public Transportation

Washington County Shared-Ride Taxi System

The Washington County Shared-Ride Taxi System is provided by Washington County. The system is designed to serve any trip made within Washington County during its operating hours. The County shared-ride taxi system

serves all areas of the County except trips where both the origin and destination are located within the City of West Bend or the City of Hartford. Each City operates its own shared-ride taxi service. Trips entirely within the Cities are served by the County taxi system only if they are outside the operating hours of the City taxi systems or are trips made by disabled persons who cannot physically use the City systems. The County system also operates to and from the Village of Menomonee Falls in Waukesha County. The County system also serves a transfer point in the Village of Newburg in coordination with the Ozaukee County shared-ride system.

The Washington County Shared-Ride Taxi System provides door-to-door service for the general public and the disabled. Service is provided on a shared-ride basis where passengers with different origins and destinations may share a vehicle for a portion of their trips. The hours of operation for the taxi service are as follows:

- Monday through Saturday, 6:00 a.m. to 10:00 p.m.
- Sunday, 9:00 a.m. to 4:00 p.m.

Service is provided on the day requested through an advance reservation system. County Shared-Ride Taxi ridership from 2003 through 2005 increased from 62,991 passengers in 2003 to 69,962 in 2004, or an increase of about 11 percent. There were 70,199 passengers in 2005. This was an increase of about 11 percent in ridership from 2004.

City of Hartford Transport Taxi Service

The Hartford Transport Taxi Service consists of two vehicles operated by the City of Hartford. Service is provided to City residents in specified locations, which include City limits and up to one mile outside City limits and out of town service to and from the City of Hartford to General Mitchell International Airport, Columbus Train Depot, the Milwaukee Downtown Bus Depot, the Aurora Health Center in Slinger, and up to 10 miles into Dodge County. The hours of operation for the taxi service are seasonal and are as follows:

- January through May and September through December
 - Weekdays, 6:00 a.m. to 9:00 p.m.
 - Saturdays, 8:00 a.m. to 8:00 p.m.
 - Sundays; 9:00 a.m. to 4:00 p.m.
- June through August
 - Weekdays, 6:00 a.m. to 8:00 p.m.
 - Saturdays, 8:00 a.m. to 8:00 p.m.
 - Sundays; 9:00 a.m. to 4:00 p.m.

The City of Hartford's shared-ride taxi ridership between 2003 and 2005 increased from 18,600 passengers in 2003 to 19,368 passengers in 2005, or about a 4 percent increase in ridership. However, this is about a 4 percent decrease in usage from 2004's total ridership of 20,202 passengers.

Medical Related Transportation Services

Washington County has multiple free transportation services to assist County residents by providing transportation to and from medical facilities. They include:

- American Cancer Society Road to Recovery – Offering cancer patients free transportation to medical appointments. Operates weekdays from 8:00 a.m. to 4:30 p.m.
- American Red Cross, West Bend Chapter – Services include assistance to veterans and their families by providing transportation for ambulatory people to medical and dental appointments. Service is provided Monday through Friday. The West Bend Chapter serves West Bend, Jackson, Kewaskum, Slinger, Hartford, Barton, Farmington, Trenton, and Wayne only. Transportation is also provided for medical appointments outside Washington County.
- Life Star Medical Transport – Provides non-emergency specialized transportation.

Bicycle and Pedestrian Facilities

Bikeways

A "bikeway" is a general term that includes any road, path, or way that may legally be used for bicycle travel. Types of bikeways include "bike paths," which are physically separated from motorized vehicles; "bike lanes," which are portions of roadways that are designated by striping, signing, and pavement markings for the exclusive or preferential use of bicycles; and "shared roadways," which are roadways that do not have designated bicycle lanes, but may be legally used for bicycle travel. Generally, all streets and highways except freeways may be used by bicyclists. A "bike route" or "bike trail" is a bikeway designated with directional and information markers, and may consist of a combination of bike paths, bike lanes, and shared roadways. Bikeways are also classified as either "on-street" or "off-street" bikeways. On-street bikeways include bikeways located in a street right-of-way, which include bike lanes, shared roadways signed as bike routes, and bike paths separated from motor vehicle lanes but within the street right-of-way. "Off-street" bikeways are bike paths not located in a street right-of-way. Off-street bikeways are typically located in utility rights-of-way or along rivers or streams, or may serve as short connectors between residential areas and commercial or public facilities.

Bikeways in Washington County in 2008 totaled about 22 miles. The longest bikeway in the County is the Eisenbahn State Trail, which spans north and south for 24 miles within Fond du Lac and Washington Counties. Twelve miles of the trail are located in the northern half of the County, beginning at Rusco Road in the City of West Bend north through the City, Town of Barton, and Town and Village of Kewaskum to the north County line. Additional on-street and off-street bikeways are located in the City of West Bend, and between the City of Hartford and Pike Lake State Park. The Pike Lake trail extends about four miles from the City of Hartford to the Pike Lake Unit of the Kettle Moraine State Forest. The bikeway is located in the right-of-way of STH 60 from South Wilson Avenue to Pike Lake Drive, and off-street from that point into the State Forest. The Town of Hartford contains 1.6 miles of bikeway (0.87 miles of on-street bikeway and 0.75 miles of off-street bikeway). Existing bikeways in Washington County are shown on Map 13.

Other Transportation Facilities and Services

Rail Freight Services

Railway freight service is provided within Washington County by two railway companies over approximately 48 miles of active mainline railway and a 15 mile spur railway line. The Canadian National (CN) Railway operates freight service over an approximately 25 mile segment of mainline railway traveling north through the western half of the County towards Duluth-Superior via Fond du Lac. The CN also provides freight service over an approximately 15 mile spur segment of railway in the central portion of the County from the southeastern corner of the County to the southern boundary of the City of West Bend. The Wisconsin & Southern Railroad (WSOR) Company provides freight service over an approximately 23 mile segment of railway in the southern portion of the County. The CN Railway runs through the very northeast corner of the Town of Hartford.

Ports and Harbors

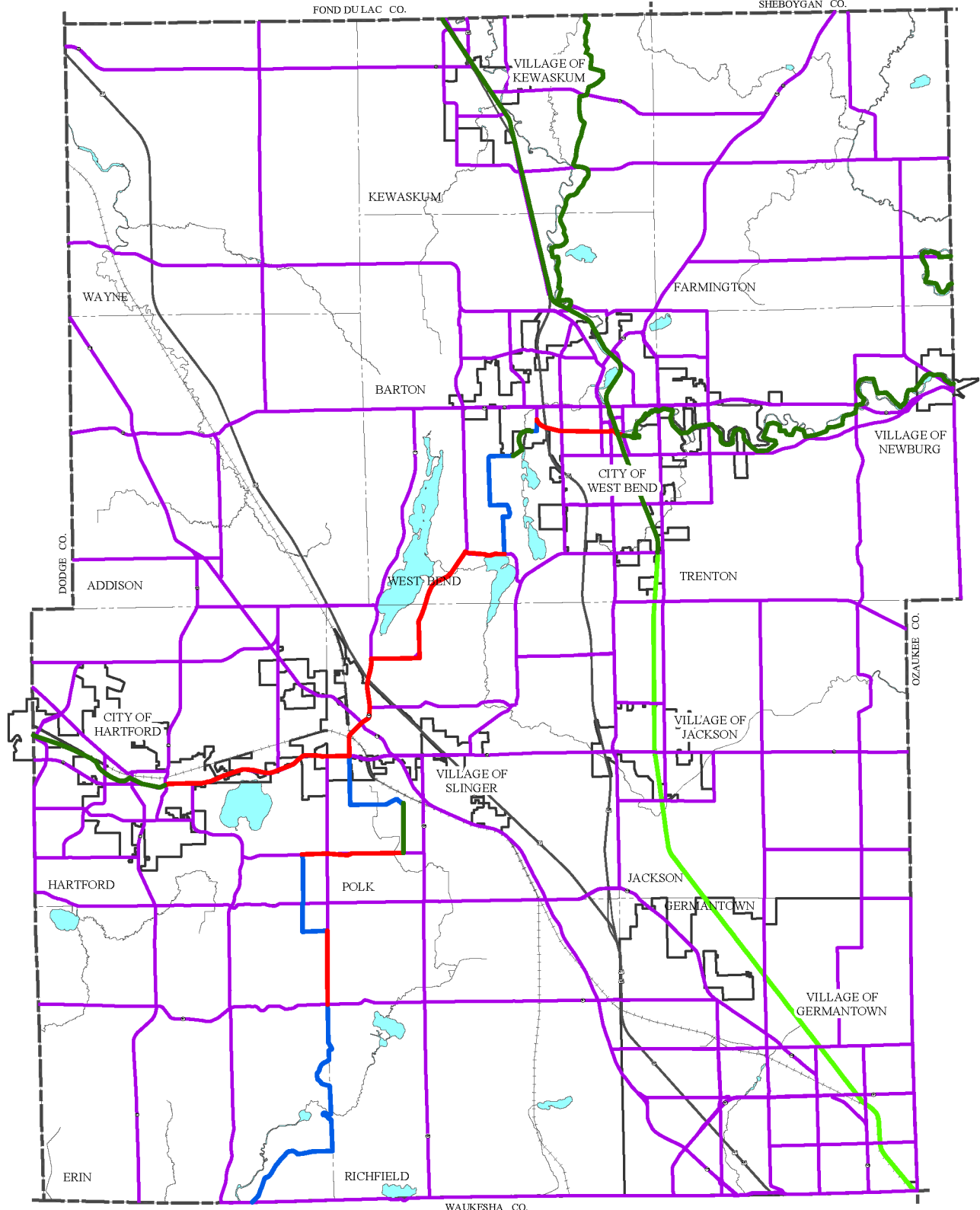
There are no ports⁵ or boat harbors located in the County. Water freight and transportation facilities and services are provided to the County by the Port of Milwaukee, which is located in the City of Milwaukee.

Airports

Chartered air service and air freight services are provided at two publicly-owned public-use airports in Washington County: West Bend Municipal Airport and Hartford Municipal Airport. In addition, privately-owned Hahn Sky Ranch in the Town of Wayne is available for public use, although use of the Hahn Sky Ranch is limited by unpaved runways and lack of lights. As described earlier in this chapter, commercial airline service is provided to residents of the County by General Mitchell International Airport, located in eastern Milwaukee County. Also, Lawrence Timmerman Field located in western Milwaukee County is capable of accommodating most types of general aviation aircraft.

⁵Ports are defined as facilities for the docking, loading, or unloading of ships, barges, or boats that primarily transport freight.

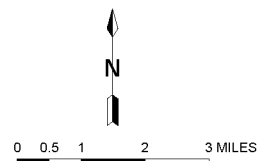
**OFF-STREET BICYCLE PATHS AND SURFACE ARTERIAL STREET AND
HIGHWAY SYSTEM BICYCLE ACCOMMODATION UNDER THE 2035 REGIONAL
TRANSPORTATION SYSTEM PLAN AS IT PERTAINS TO WASHINGTON COUNTY**



- OFF-STREET BICYCLE WAY
IN UTILITY OR NATURAL
RESOURCE CORRIDOR
- SURFACE ARTERIAL STREET
CONNECTION TO OFF-STREET
BICYCLE WAY SYSTEM
- NONARTERIAL STREET
CONNECTION TO OFF-STREET
BICYCLE WAY SYSTEM

- ADDITION TO REGIONAL OFF-STREET
BICYCLE NETWORK RECOMMENDED
BY WASHINGTON COUNTY
- SURFACE ARTERIAL STREETS AND
HIGHWAYS WHERE BICYCLE
ACCOMMODATIONS SHOULD BE
CONSIDERED WHEN FACILITIES ARE
RESURFACED OR RECONSTRUCTED

Source: SEWRPC.



There are two private-use airports in the County: Erin Aero in the Town of Erin and Willow Creek in the Village of Germantown. The airports provide turf runways and limited lighting, navigational aids, and other support facilities. Private heliports are located at St. Joseph's Community Hospital in the Town of Polk and Hartford Hospital in the City of Hartford. The Wisconsin National Guard operates a heliport at the West Bend Airport. These airports and heliports are restricted use facilities and are not open for use by the general public. There are no airports in the Town of Hartford.

PART 2: REGIONAL TRANSPORTATION SYSTEM PLAN AND WASHINGTON COUNTY JURISDICTIONAL HIGHWAY SYSTEM PLAN

The adopted Regional Transportation System Plan is set forth in SEWRPC Planning Report No. 49, *A Regional Transportation System Plan for Southeastern Wisconsin: 2035*. The plan is designed to serve the land use pattern developed as part of the regional land use plan for 2035. The Regional Transportation System Plan is multi-modal, and provides recommendations for a transportation system that integrates several modes, or means, of transportation. The plan's vision is:

"A multi-modal transportation system with high quality public transit, bicycle and pedestrian, and arterial street and highway elements which add to the quality of life of Region residents and support and promote expansion of the Region's economy by providing for convenient, efficient, and safe travel by each mode, while protecting the quality of the Region's natural environment, minimizing disruption of both the natural and manmade environment, and serving to support implementation of the regional land use plan and minimizing the capital and annual operating costs to the transportation system."

The Regional Transportation System Plan includes recommendations regarding five key transportation elements: public transit, bicycle and pedestrian facilities, transportation system management, travel demand management, and arterial streets and highways. The public transit element envisions significant improvement and expansion of public transit in southeastern Wisconsin, including development of both rapid transit and express transit systems, improvements of existing local bus service, and the integration of local bus service with the proposed rapid and express transit services. The bicycle and pedestrian facility element is intended to promote safe accommodation of bicycle and pedestrian travel, and encourage bicycle and pedestrian travel as an alternative to motor vehicle travel. The transportation systems management element includes measures intended to manage and operate existing transportation facilities to their maximum carrying capacity and travel efficiency. The travel demand management element includes measures intended to reduce personal and vehicular travel or to shift such travel to alternative times and routes, allowing for more efficient use of the existing capacity of the transportation system. The arterial street and highway element recommends arterial street improvements needed to address the residual congestion not expected to be alleviated by implementation of the land use, transportation systems management, travel demand management, bicycle and pedestrian facilities, and public transit recommendations.

Arterial Streets and Highways Element

The Regional Transportation System Plan recommends a street and highway system that supports the existing development pattern and promotes the implementation of the regional land use plan. Among other recommendations, the regional land use plan recommends centralized urban development within planned urban service areas, which can be more economically served by transportation facilities and services than low density development. That recommendation is generally reflected in the Town land use element.

Jurisdictional Highway System Plan

Recommendations for the maintenance, improvement, and expansion of arterial streets and highways from the Regional Transportation System Plan were refined in 2007 and 2008 during the preparation of an updated Washington County Jurisdictional Highway System Plan for the year 2035.⁶ The Regional Transportation System

⁶Documented in SEWRPC Planning Report No. 23, 2nd edition, A Jurisdictional Highway System Plan for Washington County: 2035, July 2008. The plan was adopted by the Washington County Board on December 9, 2008.

Plan and County Jurisdictional Highway System Plan contain a functional arterial street and highway system plan. This functional plan consists of recommendations concerning the general location, type, capacity, and service levels of the arterial street and highway facilities required to serve southeastern Wisconsin to the year 2035. Arterial streets and highways and the recommended improvements to the arterial street and highway system in Washington County, from the jurisdictional highway system plan, are shown on Map 14. Alternative alignments for the conceptual location of the new street and highway segments shown on Map 14 will be evaluated during preliminary engineering, which will precede construction of proposed routes.

As noted on Map 14, the Town of Hartford is opposed to the planned east-west arterial route along Arthur Road in the northern portion of the Town and the City of Hartford.

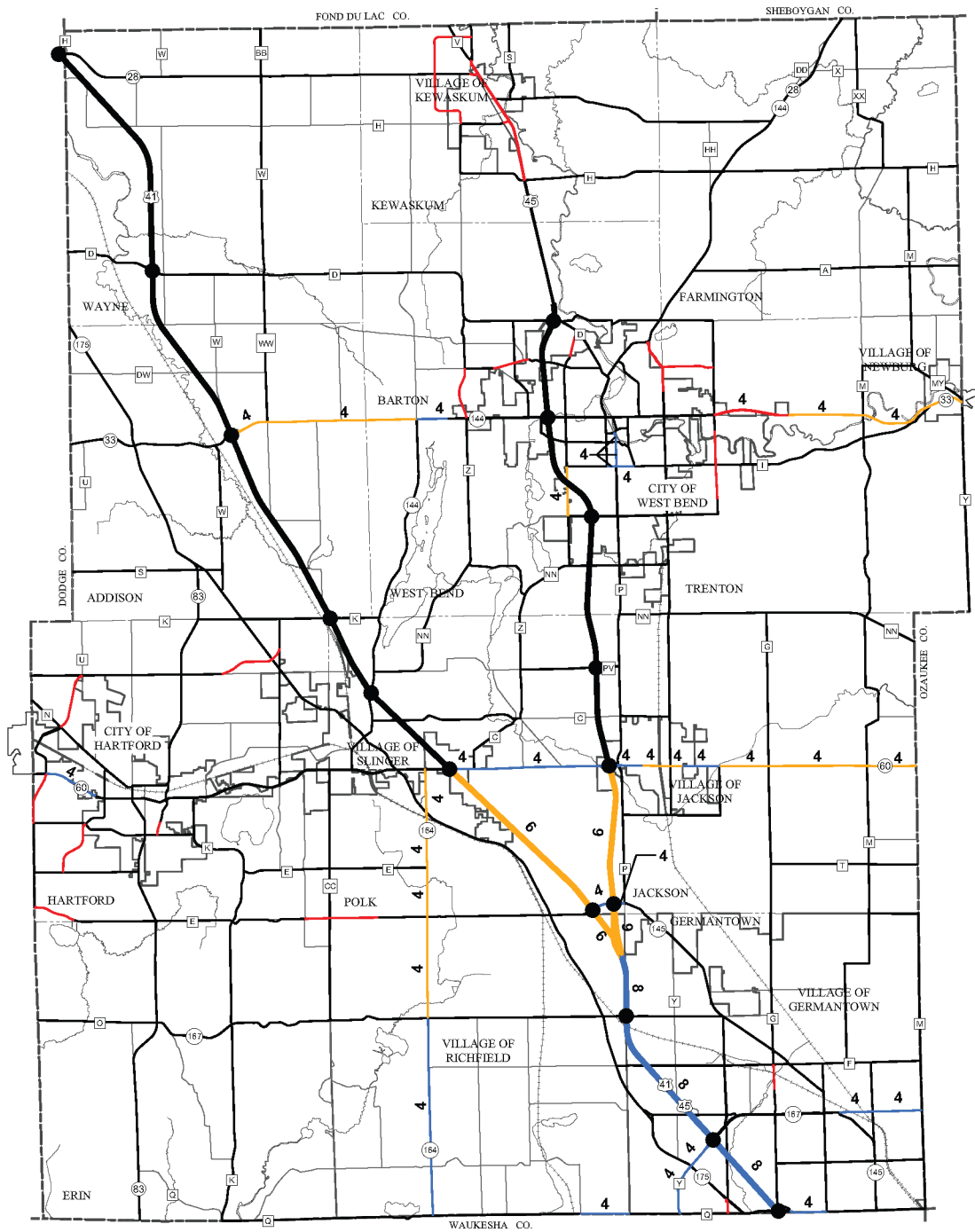
The Regional Transportation System Plan also makes recommendations for arterial street and highway system jurisdictional responsibility; specifically, which unit of government (State, County, or local) should have jurisdiction over each arterial street and highway and be responsible for maintaining and improving the facility. Map 15 shows the level of government recommended to have jurisdiction over arterial streets and highways in Washington County by 2035.

Transit Element

The public transit element of the Commission's adopted Regional Transportation System Plan for the year 2035 recommends improved and expanded rapid transit connections from Washington County to Milwaukee and through Milwaukee to the other urban centers of Southeastern Wisconsin, and improved and expanded local transit service to commercial and industrial development in the Germantown, Hartford-Slinger, and West Bend areas. Implementation of the recommendations set forth in the transit element will result in a doubling of transit service over the plan design period Region-wide, including a 204 percent increase in rapid transit revenue vehicle-miles and a 214 percent increase in rapid transit revenue vehicle-hours. This increase will produce enhanced transit service levels in Washington County, including service on weekdays and weekends and more attractive peak and non-peak service frequency levels. The Regional Transportation System Plan recommendations for Washington County include the following:

- The provision of rapid transit service between Washington County and the Milwaukee Central Business District (CBD). The plan envisions that new or restructured services would be provided over the area freeway system and major surface arterials by two rapid bus routes designed to provide bi-directional service to accommodate both traditional commuter travel by Washington County residents to jobs in Milwaukee County, and reverse commute travel from Milwaukee County residents to jobs in Washington County. Connections would also be available in Washington County via shuttle bus and taxicab services to major employment centers, including Hartford, Slinger, Germantown, Jackson, and West Bend industrial parks and areas.
- Increasing the number of park-ride lots served by public transit to six lots. New publicly constructed park-ride lots are recommended to be developed at the USH 45/CTH D interchange and the USH 41/STH 60 interchange. A new, permanent park-ride lot would also be constructed at the USH 41/USH 45/Pioneer Road interchange to replace the temporary lot at the former Highway View elementary school on Pioneer Road. A new park-ride lot would be provided at the USH 45/STH 60 interchange to replace the park-ride lot at the County Fair Park, which is unavailable when the county fair is open. The lot is proposed to be located in the Village of Jackson in the northeast quadrant of the interchange. The existing park-ride lots at USH 45 and Paradise Drive, which opened in 2007, and the lot at the USH 41/USH 45/Lannon Road interchange would be maintained. The Lannon Road park-ride lot is typically over-crowded and may need to be expanded, or an additional lot provided, to help alleviate over-crowding.
- Local transit service improvements, including new shuttle bus routes connecting with the rapid transit routes to take workers to and from commercial and industrial development in the Germantown, Hartford-Slinger, and West Bend areas in the County. The existing shared-ride taxi services provided by the County and the Cities of Hartford and West Bend would also be maintained.

CAPACITY IMPROVEMENTS IN THE YEAR 2035 WASHINGTON COUNTY JURISDICTIONAL HIGHWAY SYSTEM PLAN



ARTERIAL STREET OR HIGHWAY

- NEW (ACTUAL ALIGNMENT TO BE DETERMINED DURING PRELIMINARY ENGINEERING)
- WIDENING AND/OR OTHER IMPROVEMENTS TO PROVIDE SIGNIFICANT ADDITIONAL CAPACITY
- RESERVE RIGHT-OF-WAY TO ACCOMMODATE FUTURE IMPROVEMENT (ADDITIONAL LANES OR NEW FACILITY)
- RESURFACING OR RECONSTRUCTION TO PROVIDE ESSENTIALLY THE SAME CAPACITY
- 4** NUMBER OF TRAFFIC LANES FOR NEW OR WIDENED AND/OR IMPROVED FACILITY (2 LANES WHERE UNNUMBERED)

FREEWAY INTERCHANGE

- INTERCHANGE

RESPONSIBLE COUNTY FOR EXISTING COUNTY TRUNK HIGHWAYS (CTH) LOCATED ON A COUNTY LINE

DODGE COUNTY: CTH U NORTH OF CTH S FOR ONE-HALF MILE
FOND DU LAC COUNTY: CTH H NORTH OF STATE TRUNK HIGHWAY (STH) 28
OZAUCHEE COUNTY: CTH Y FROM CEDAR SAWK DRIVE TO KNOLLWOOD ROAD AND CTH M SOUTH OF PIONEER ROAD (CTH M) FOR ONE AND ONE-HALF MILES.

WAUKESHA COUNTY: CTH Q FROM CTH K TO 500 FEET WEST OF ST. AUGUSTINE ROAD AND CTH Q FROM STH 175 TO COLGATE ROAD.
WASHINGTON COUNTY FOR ALL OTHERS.

LOCAL GOVERNMENT CONCERNS REGARDING PLAN

THE TOWN OF BARTON EXPRESSED OPPOSITION REGARDING THE PLANNED EXTENSION OF N. RIVER ROAD ON NEW ALIGNMENT AND TO THE PLANNED EXTENSION OF 18TH AVENUE, SCHUSTER DRIVE, AND KETTLE VIEW DRIVE IN THE TOWN OF BARTON.

THE TOWNS OF BARTON AND TRENTON EXPRESSED OPPOSITION TO THE PLANNED EAST - WEST ARTERIAL BETWEEN TRENTON ROAD AND N. RIVER ROAD ON AN ENTIRELY NEW ALIGNMENT.

THE TOWNS OF ADDISON AND HARTFORD EXPRESSED OPPOSITION REGARDING THE PLANNED EAST - WEST ARTERIAL ROUTE LOCATED NORTH OF THE HARTFORD AND SLINGER AREAS.

THE VILLAGE OF RICHFIELD AND TOWN OF ERIN EXPRESSED OPPOSITION REGARDING THE PLANNED EAST - WEST ARTERIAL ROUTE LOCATED SOUTH OF THE HARTFORD AND SLINGER AREAS.

THE VILLAGE OF RICHFIELD EXPRESSED OPPOSITION REGARDING THE PLANNED WIDENING OF STH 164 BETWEEN CTH Q AND STH 167, AND TO THE POTENTIAL FUTURE WIDENING OF STH 164 NORTH OF STH 167 TO PIONEER ROAD.

THE VILLAGE OF GERMANTOWN EXPRESSED OPPOSITION TO DIVISION ROAD BEING PROPOSED AS A LOCAL ARTERIAL FACILITY BETWEEN CTH Q AND STH 145 RATHER THAN AS A COUNTY ARTERIAL FACILITY AND TO ANY OTHER PLANNED JURISDICTIONAL RESPONSIBILITY THAT DIFFERS FROM THEIR COMPREHENSIVE PLAN.

THE ALIGNMENT FOR THE PLANNED NORTH - SOUTH EXTENSION OF KETTLE VIEW DRIVE BETWEEN CTH H AND STH 28 IS CONCEPTUAL. THE ACTUAL ALIGNMENT MAY BE EXPECTED TO DIFFER FROM THE ALIGNMENT SHOWN ON THIS MAP AND WILL BE DETERMINED COOPERATIVELY BY THE VILLAGE AND TOWN OF KEWASKUM AND WASHINGTON COUNTY.

THE VILLAGE OF KEWASKUM EXPRESSED OPPOSITION TO CTH H BEING PROPOSED AS A LOCAL ARTERIAL FACILITY BETWEEN KETTLE VIEW DRIVE AND USH 45 RATHER THAN AS A COUNTY ARTERIAL FACILITY.

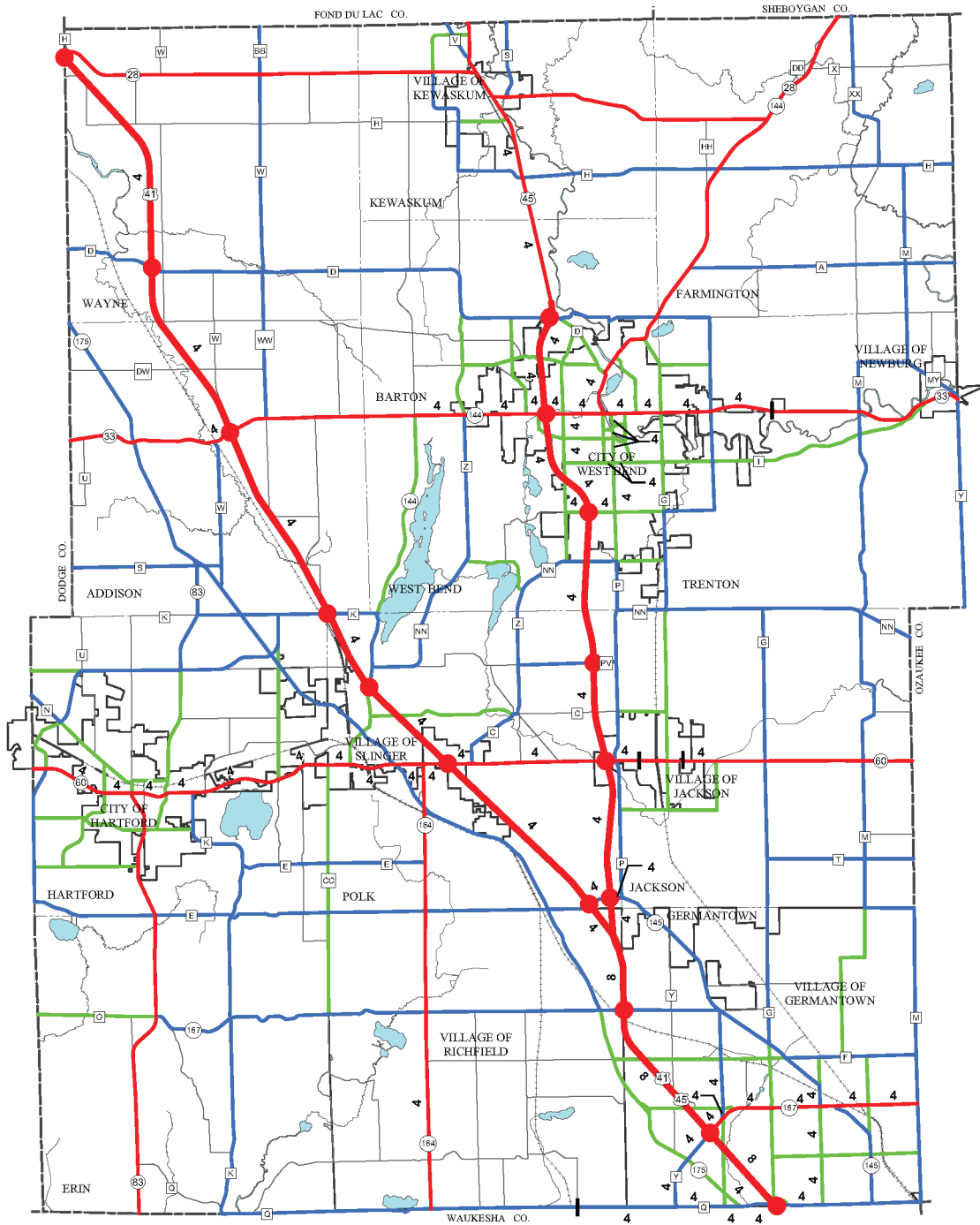
THE VILLAGE OF KEWASKUM EXPRESSED OPPOSITION REGARDING THE PLANNED ALTERNATIVE ROUTE OF USH 45 WITHIN THE FORMER RAILWAY RIGHT-OF-WAY IN THE VILLAGE.

THE TOWN OF ERIN EXPRESSED OPPOSITION TO CTH Q BEING PROPOSED AS A LOCAL NON-ARTERIAL FACILITY BETWEEN CTH K AND STH 83 RATHER THAN A COUNTY NON-ARTERIAL FACILITY. CTH Q BEING PROPOSED AS A LOCAL ARTERIAL FACILITY BETWEEN STH 83 AND THE DODGE COUNTY LINE RATHER THAN A COUNTY ARTERIAL FACILITY. AND CTH Q BEING PROPOSED AS A LOCAL ARTERIAL FACILITY BETWEEN STH 167 AND STH 60 RATHER THAN A COUNTY ARTERIAL FACILITY.



0 0.5 1 2 3 MILES

YEAR 2035 WASHINGTON COUNTY JURISDICTIONAL HIGHWAY SYSTEM PLAN



FREEWAY

- STATE TRUNK
- INTERCHANGE

ARTERIAL STREETS OR HIGHWAY

- STATE TRUNK
- COUNTY TRUNK
- LOCAL TRUNK
- 4 NUMBER OF LANES (2 WHERE UNNUMBERED)

RESPONSIBLE COUNTY FOR EXISTING COUNTY TRUNK HIGHWAYS (CTH) LOCATED ON A COUNTY LINE

DODGE COUNTY: CTH U NORTH OF CTH S FOR ONE-HALF MILE
 FOND DU LAC COUNTY: CTH H NORTH OF STATE TRUNK HIGHWAY (STH) 28
 OZAUCHEE COUNTY: CTH Y FROM CEDAR SAWK DRIVE TO KNOLLWOOD ROAD AND CTH M SOUTH OF PIONEER ROAD (CTH M) FOR ONE AND ONE-HALF MILES.
 WAUKESHA COUNTY: CTH Q FROM CTH K TO 500 FEET WEST OF ST. AUGUSTINE ROAD AND CTH Q FROM STH 175 TO COLGATE ROAD.
 WASHINGTON COUNTY FOR ALL OTHERS.

LOCAL GOVERNMENT CONCERNS REGARDING PLAN

THE TOWN OF BARTON EXPRESSED OPPOSITION REGARDING THE PLANNED EXTENSION OF N. RIVER ROAD ON NEW ALIGNMENT AND TO THE PLANNED EXTENSION OF 18TH AVENUE, SCHUSTER DRIVE, AND KETTLE VIEW DRIVE IN THE TOWN OF BARTON.

THE TOWNS OF BARTON AND TRENTON EXPRESSED OPPOSITION TO THE PLANNED EAST - WEST ARTERIAL ROUTE LOCATED NORTH OF THE HARTFORD AND SLINGER AREAS.

THE TOWNS OF ADDISON AND HARTFORD EXPRESSED OPPOSITION REGARDING THE PLANNED EAST - WEST ARTERIAL ROUTE LOCATED SOUTH OF THE HARTFORD AND SLINGER AREAS.

THE VILLAGE OF RICHFIELD AND TOWN OF ERIN EXPRESSED OPPOSITION REGARDING THE PLANNED EAST - WEST ARTERIAL ROUTE LOCATED SOUTH OF THE HARTFORD AND SLINGER AREAS.

THE VILLAGE OF RICHFIELD EXPRESSED OPPOSITION REGARDING THE PLANNED WIDENING OF STH 164 BETWEEN CTH Q AND STH 167, AND TO THE POTENTIAL FUTURE WIDENING OF STH 164 NORTH OF STH 167 TO PIONEER ROAD.

THE VILLAGE OF GERMANTOWN EXPRESSED OPPOSITION TO DIVISION ROAD BEING PROPOSED AS A LOCAL ARTERIAL FACILITY BETWEEN CTH Q AND STH 146 RATHER THAN AS A COUNTY ARTERIAL FACILITY AND TO ANY OTHER PLANNED JURISDICTIONAL RESPONSIBILITY THAT DIFFERS FROM THEIR COMPREHENSIVE PLAN.

THE ALIGNMENT FOR THE PLANNED NORTH - SOUTH EXTENSION OF KETTLE VIEW DRIVE BETWEEN CTH H AND STH 28 IS CONCEPTUAL. THE ACTUAL ALIGNMENT MAY BE EXPECTED TO DIFFER FROM THE ALIGNMENT SHOWN ON THIS MAP AND WILL BE DETERMINED COOPERATIVELY BY THE VILLAGE AND TOWN OF KEWASKUM AND WASHINGTON COUNTY.

THE VILLAGE OF KEWASKUM EXPRESSED OPPOSITION TO CTH H BEING PROPOSED AS A LOCAL ARTERIAL FACILITY BETWEEN KETTLE VIEW DRIVE AND USH 45 RATHER THAN AS A COUNTY ARTERIAL FACILITY.

THE VILLAGE OF KEWASKUM EXPRESSED OPPOSITION REGARDING THE PLANNED ALTERNATIVE ROUTE OF USH 45 WITHIN THE FORMER RAILWAY RIGHT-OF-WAY IN THE VILLAGE.

THE TOWN OF ERIN EXPRESSED OPPOSITION TO CTH Q BEING PROPOSED AS A LOCAL NONARTERIAL FACILITY BETWEEN CTH K AND STH 83 RATHER THAN A COUNTY NONARTERIAL FACILITY. CTH Q BEING PROPOSED AS A LOCAL ARTERIAL FACILITY BETWEEN STH 83 AND THE DODGE COUNTY LINE RATHER THAN A COUNTY ARTERIAL FACILITY. AND CTH Q BEING PROPOSED AS A LOCAL ARTERIAL FACILITY BETWEEN STH 167 AND STH 60 RATHER THAN A COUNTY ARTERIAL FACILITY.

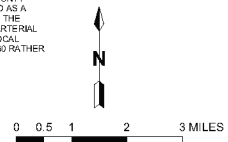


Table 55

**RECOMMENDATIONS FOR PROVISION OF SIDEWALKS IN
AREAS OF EXISTING OR PLANNED URBAN DEVELOPMENT**

Roadway Functional Classification	Land Use	New Streets ^a	Existing Streets ^a
Arterial Streets ^b	Industrial Commercial Residential	Both Sides Both Sides Both Sides	Both Sides Both Sides Both Sides
Collector Streets	Industrial Commercial Residential	Both Sides Both Sides Both Sides	Both Sides Both Sides At least one side
Land Access Streets ^c	Industrial Commercial Residential (medium and high-density) ^d Residential (low-density) ^e	Both Sides Both Sides Both Sides At least one side	Both Sides Both Sides At least one side At least one side

^aSidewalks may be omitted on one side of streets where there are no existing or anticipated uses that would generate pedestrian trips on that side.

^bWhere there are marginal access control or service roads, the sidewalk along the main road may be eliminated and replaced by a sidewalk along the service road on the side away from the main road.

^cSidewalks need not be provided along court and cul-de-sac streets less than 600 feet in length, unless such streets serve multi-family development; or along streets served by parallel off-street walkways.

^dAreas with lots or average densities of 20,000 square feet or less per dwelling.

^eAreas with lots or average densities of 20,000 square feet to 1.5 acres per dwelling.

Source: Federal Highway Administration and SEWRPC.

- Consideration of upgrading the recommended rapid bus service to commuter rail service, based on the findings of a special corridor study to be conducted at the request of Washington County.

Bicycle and Pedestrian Facilities Element

This Transportation Element is intended to provide for safe accommodation of bicycle and pedestrian travel, encourage bicycle and pedestrian travel as an alternative to motor vehicle travel, and to provide a variety of transportation choices.

The regional plan recommends that bicycle accommodation be provided on all arterial streets, except freeways, as those streets are constructed or reconstructed. Bicycle accommodation could include marked bicycle lanes, widened outside travel lanes, widened shoulders, or separate bicycle paths. The type of bicycle facility to be provided should be determined during the preliminary engineering phase of a street improvement project. A system of off-street bicycle paths is also recommended to connect cities and villages with a population of 5,000 or more. The bikeway system recommended by the regional plan is shown on Map 13. The regional plan recommends that county and local governments prepare bicycle system plans for their jurisdictions that would supplement and refine the regional plan.

The pedestrian facilities portion of the bicycle and pedestrian element is envisioned as a policy plan, rather than a system plan. It proposes that the various units and agencies of government responsible for the construction and maintenance of pedestrian facilities adopt and follow a series of recommended standards and guidelines with regard to the development of those facilities, particularly within residential areas with average densities of one or more homes per 20,000 square feet. These standards, shown on Table 55, include providing sidewalks in urban portions of the County.

Since most development in the Town is rural in nature, sidewalks are generally not required. The Town may require sidewalks in limited areas on a case-by-case basis for commercial or institutional development, or in urban-density subdivisions.

Airport Element

Air transportation is a valuable transportation mode for moving both people and cargo. Convenient access to an airport allows businesses to efficiently move goods and personnel from location to location, saving valuable time and increasing productivity. Local airports such as the West Bend Municipal Airport and the Hartford Municipal Airport play a crucial role in fostering business growth and economic development in Washington County. These airports also provide facilities for emergency medical flights, law enforcement, agricultural spraying, pilot training, and other community services. General Mitchell International Airport in Milwaukee County provides commercial airline service to residents of the Town.

The Wisconsin Department of Transportation, Bureau of Aeronautics in conjunction with the Bureau of Planning has developed the 2020 Wisconsin Airport System Plan.⁷ Most airports included in the State plan are eligible for State and Federal improvement grants, including the publicly-owned Hartford and West Bend airports. The State plan identifies four general classifications of airports based on the type of service each airport provides: air carrier/cargo, transport/corporate, general utility, and basic utility. The Hartford Municipal Airport is classified as a general utility airport, and the West Bend Municipal Airport is classified as a transport/corporate airport. The West Bend Municipal Airport provides chartered air service. Both airports provide air freight service. In addition, the privately-owned Hahn Sky Ranch in the Town of Wayne is open to the public, but use at the site is limited to recreational uses and flight lessons. There is no paved runway.

Interregional Transportation Element

Interregional transportation services and facilities such as air transportation, railroads, trucking, and water transportation provide public transportation services and commercial shipping services between Washington County and the rest of the Southeastern Wisconsin Region and other regions around the nation and world.

Washington County is served by interregional public transportation and shipping services primarily through bus, rail, air, and port facilities located in Milwaukee County. These facilities meet the County's needs for interregional transportation services. USH 41 and USH 45 are the primary interregional highway facilities serving Washington County.

Three freight railroad lines run through Washington County, which provide access to businesses in the County that ship items better suited for transport by rail. Major rail customers include Quad Graphics, which is located in the City of Hartford just across the County line in Dodge County, and Cedar Lakes Sand and Gravel in the Towns of Addison and Hartford. Rail service should be continued to provide service to businesses in the County.

Transportation Systems Management Element

The transportation systems management element of the 2035 Regional Transportation System Plan includes measures intended to manage and operate existing transportation facilities to their maximum carrying capacity and travel efficiency. Recommended measures from the Regional Transportation System Plan include installing ramp-meters at freeway on-ramps in the County and Region; providing variable message signs on the freeway system, and on surface arterials leading to the most heavily used freeway system on-ramps; and expanding the closed-circuit television network, enhancing reference markers, and expansion of crash investigation sites to better serve the regional freeway system. Such improvements are recommended on the entire freeway system, except for those segments where future traffic volumes are expected to be less than the design capacity. In Washington County, these segments include USH 41 north of STH 60, and USH 45 north of Pioneer Road. Other highway segments where systems management improvements are not recommended include IH 43 north of STH 57 in Ozaukee County and IH 43 and USH 12 in Walworth County.

⁷A Regional Airport System Plan was prepared by SEWRPC and adopted by the Regional Planning Commission in 1996. The plan, which has a design year of 2010, has not been updated to a design year of 2035.

PART 3: TRANSPORTATION GOALS, OBJECTIVES, POLICIES, AND PROGRAMS

Goals:

- Maintain a safe and efficient transportation system in the Town.
- Build, maintain, and improve Town roads in a timely and well-planned manner.

Objectives:

- Preserve and protect the capacity and safety of the transportation system within the Town.
- Rely on services provided by Washington County and by private companies in adjacent counties to meet the needs of Town residents and businesses for airport, rail, and water transportation and freight services.
- Work with Washington County to provide efficient and cost-effective public transportation options to Town residents, including transit-dependent residents.
- Continue cooperative transportation planning efforts with Washington County, SEWRPC, and the State of Wisconsin.
- Achieve a spatial distribution of land uses that is properly related to existing and planned transportation, utility, and public facility systems.
- Build and maintain quality roads.
- Seek to provide a system of inter-connected streets.

Policies:

- Provide and maintain a street and highway system that efficiently serves the anticipated land use development pattern shown on Map 11 in the Land Use Element (Chapter VI).
- Design, reconstruct, and operate streets and highways under Town jurisdiction to provide safe access for all users, including bicyclists, pedestrians, and vehicles, including trucks and farm equipment.
- Consider the needs of farm equipment when designing streets and highways under Town jurisdiction, particularly when designing intersections and when determining the width and surfacing of shoulders.
- Promote efficient and safe access to land uses abutting street rights-of-way.
- Minimize the disruption of land uses adjacent to streets and highways by reserving adequate rights-of-way in advance of construction, ideally when preliminary plats and certified survey maps are reviewed.
- Encourage through streets with more than one access to connecting streets, rather than cul-de-sac streets.
- Continue to rely on freight and private airline services provided at the West Bend and Hartford Municipal Airports and airports in adjacent counties.
- Continue to rely on commercial airline service provided at General Mitchell International Airport in Milwaukee County.
- Support Washington County efforts to encourage the use of rail transportation to move more freight traffic along existing rail lines.
- Continue to rely on port services provided by the Port of Milwaukee.
- Continue to rely on private companies in nearby counties to provide ferry services across Lake Michigan.
- Support continued operation of the Washington County Shared Ride-Taxi Service.

- Consider including facilities for walking and bicycling during the review and approval of all development projects, including street and highway improvements, to provide an alternative to motor vehicle travel and to promote a healthy lifestyle.
- Encourage the development of trails in new subdivisions, provided they will not interfere with farming.
- Support Washington County’s efforts to continue the development, enhancement, and management of a Countywide bikeway system.

Programs:

- Notify Washington County when a certified survey map (CSM) is submitted for a land division adjacent to a County highway, and request County input regarding the appropriate right-of-way for and access to the highway.
- Consider connections to existing or future development on adjacent parcels when reviewing site plans, preliminary plats, and certified survey maps.
- Consider incorporating desired policies from State long-range transportation planning efforts, including Connections 2030,⁸ into Town of Hartford plans.
- As required by State law, continue to use the Wisconsin Information System for Local Roads (WISLR); continue to update road ratings, as required; and seek outside funds to help with street improvements.
- Work with Washington County and private service providers, where appropriate, to improve public transportation for persons with disabilities to increase access to jobs and community activities.
- Work with Washington County to determine if there is a need for additional Washington County Commuter Express Bus System routes and park-ride lots to serve Town residents.
- Continue to participate in the annual bridge inspection program conducted by Washington County.
- Continue to work with Washington County and SEWRPC to prepare and implement the Washington County Jurisdictional Highway System Plan (Maps 14 and 15) and the Transportation Improvement Program.
- Conform to the existing topography and landscape, if possible, when constructing new streets.
- Lay out streets so that all vehicles, especially emergency vehicles, can travel in a safe and efficient manner.
- The Town will strive to ensure local street connectivity and the proper location of new streets during the review of all site plans, Certified Survey Maps, condominium plats, and subdivision plats as new development is proposed.

⁸The Wisconsin Department of Transportation (WisDOT) is developing a long-range transportation plan for the State entitled Connections 2030. The plan will address all forms of transportation in the State over a 25-year planning period, including highways, local streets, air, water, rail, bicycle, pedestrian, and transit. The overall goal of the plan is to identify a series of policies to aid transportation decision-makers when evaluating programs and projects. A draft plan was released in November 2008.

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Chapter IX

UTILITIES AND COMMUNITY FACILITIES ELEMENT

INTRODUCTION

The utilities and community facilities element is one of the nine elements of a comprehensive plan required by Section 66.1001 of the *Wisconsin Statutes*. Section 66.1001(2)(d) of the *Statutes* requires this element to compile goals, objectives, policies, and programs to guide future development of utilities and community facilities within the Town of Hartford. The *Statutes* also require an inventory of existing utilities and community facilities and an approximate timetable that projects the need to expand, rehabilitate, or replace existing utilities and community facilities or construct new utilities and community facilities. As required by the *Statutes*, a goal, objective, policy, program, or map has been developed for each of the following utilities and community facilities:

- Sanitary sewer service
- Water supply
- Stormwater management
- On-site wastewater treatment technology
- Solid waste disposal
- Recycling facilities
- Parks
- Telecommunications facilities
- Power plants and transmission lines
- Cemeteries
- Health care facilities
- Child care facilities
- Police
- Fire
- Rescue
- Libraries
- Schools
- Other government facilities

In addition, the following comprehensive planning goals related to the utilities and community facilities element are set forth in Section 16.965 of the *Statutes* and were addressed as part of the planning process:¹

- Promotion of the redevelopment of land with existing infrastructure and public services and the maintenance and rehabilitation of existing residential, commercial, and industrial structures.
- Encouragement of land uses, densities, and regulations that promote efficient development patterns and relatively low municipal, State government, and utility costs.
- Providing adequate infrastructure and public services and an adequate supply of developable land to meet existing and future market demand for residential, commercial, and industrial uses.

¹Chapter I lists all 14 of the comprehensive planning goals included in Section 16.965 of the *Statutes*.

Part 1 of this Chapter includes an inventory of existing utilities and community facilities and an approximate timetable that projects expansion, rehabilitation, or replacement of existing, or the construction of new, utilities and community facilities.² Part 2 of this Chapter sets forth goals, objectives, policies, and programs intended to guide the future development of utilities and community facilities in the Town of Hartford through the comprehensive plan design year of 2035.

PART 1: EXISTING UTILITIES AND COMMUNITY FACILITIES AND PROJECTED REQUIREMENTS FOR 2035

Development in the Town of Hartford is supported by utilities that provide residents and businesses with electric power, natural gas, communication, water, and sewage and solid waste management facilities and services, and community facilities that provide educational, recreational, administrative, and other services. This chapter inventories sewage treatment and water supply services, stormwater management facilities, private utilities, solid waste management facilities, healthcare facilities, government and public institutional buildings, police service, fire protection and emergency rescue services, public and private schools, cemeteries, childcare, assisted-living facilities, and other services provided in the Town.

Section 66.1001(2)(d) of the *Statutes* requires a projection of the demand for future utilities and community facilities in the Town and an approximate timetable of the expansion, rehabilitation, and replacement of existing facilities and the construction of new facilities to meet the projected demand. The projected demand and approximate timeline for various utilities and community facilities in the Town are based on recommendations set forth by regional plans and the anticipated land use development pattern set forth in Chapter VI, the *Land Use Element*. Many of the utilities and community facilities referenced by the *Statutes* are not provided by the Town, and will require additional refinement by other service providers, including the private sector.

Wastewater Treatment and Disposal

Centralized sanitary sewage collection, treatment, and disposal in the Town is provided through the Hilldale Sanitary District and Pike Lake Utility District. In some cases, municipal sewer service from the City of Hartford is available to Town residents or businesses. Parcels that are not connected to a centralized sewerage system are served by private onsite waste treatment systems (POWTS).

Utility and Sanitary Districts

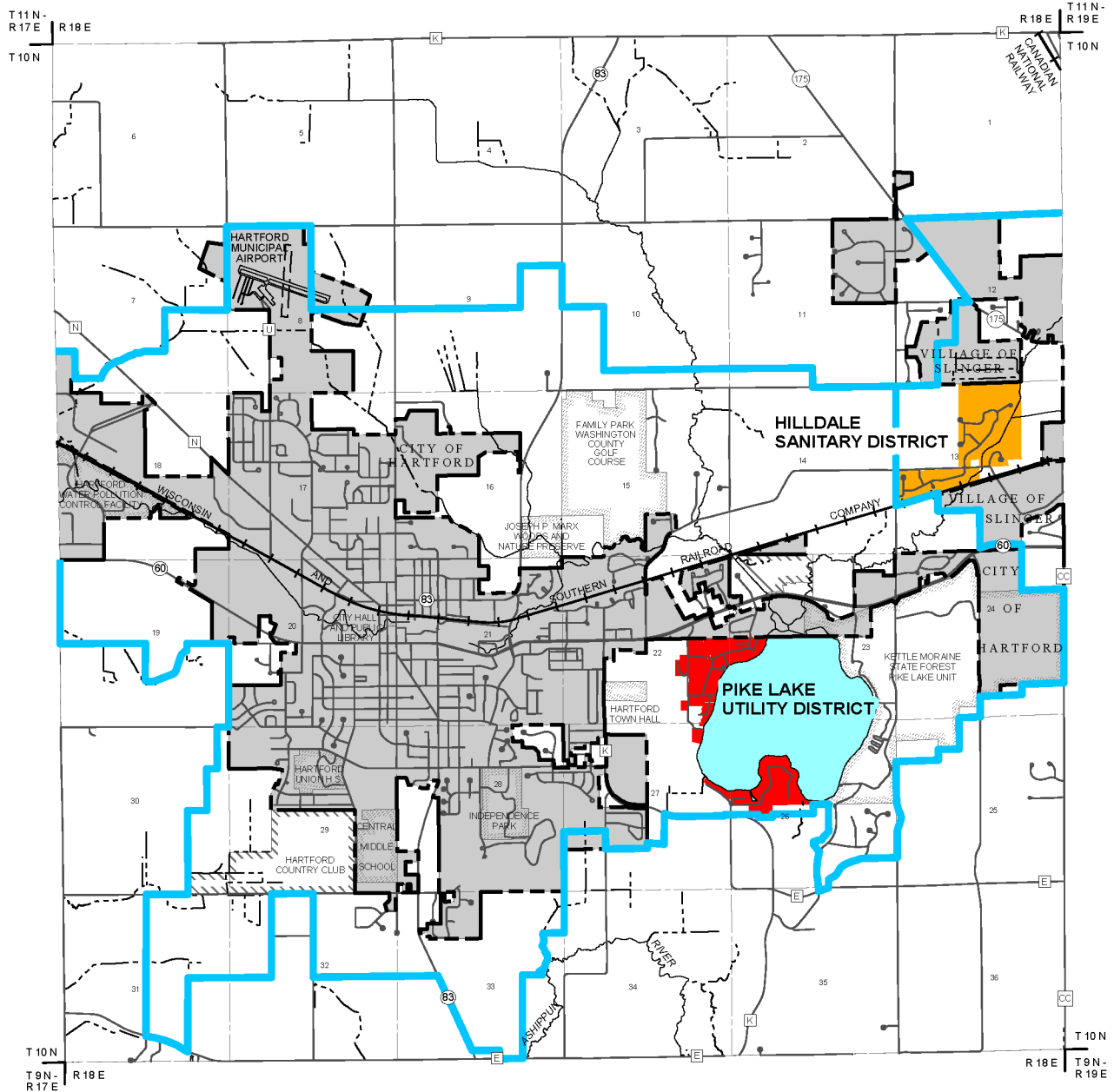
Sanitary sewer service to portions of the Town of Hartford is currently provided by one sanitary district and one utility district. The Hilldale Sanitary District in the eastern portion of the Town discharges to the Village of Slinger sewage treatment plant. The Pike Lake Utility District discharges to the City of Hartford wastewater treatment plant (WWTP). The Hilldale Sanitary District encompasses 133 acres and the Pike Lake Utility District encompasses 139 acres. District boundaries are shown on Map 16. Both districts provide only sanitary sewer services.

The purpose of a sanitary district is to allow landowners in unincorporated areas an opportunity to form a special-purpose unit of government to provide certain urban services. A town sanitary district has authority to plan, construct, and maintain systems for garbage removal, water supply, sewage disposal, and stormwater management. Sanitary districts may be formed by a town board, upon a request from affected landowners, under Section 60.71 of the *Wisconsin Statutes*. Each district is governed by a commission. The Hartford Town Board serves as the district commission. A town board may also establish utility districts under Sections 60.23 and 66.0827 of the *Statutes* to provide public services within a district. The town board governs utility districts.

²An inventory of existing park and open space sites in the Town is provided in Chapter V.

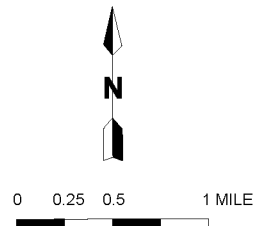
Map 16

SANITARY AND UTILITY DISTRICTS IN THE TOWN OF HARTFORD: 2008



- SANITARY DISTRICT THAT PROVIDE SEWERAGE SERVICE
- UTILITY DISTRICT THAT PROVIDES SEWERAGE SERVICE
- PLANNED SANITARY SEWER SERVICE AREA BOUNDARY (JUNE 2008)

Source: Washington County and SEWRPC.



Private Onsite Waste Treatment Systems

Most developed properties in the Town outside the Hilldale Sanitary District and the Pike Lake Utility District rely on private onsite waste treatment systems (POWTS). Washington County regulates POWTS in the Town under the County Sanitary Code, which is Chapter 25 of the County Code of Ordinances. Between 1980 and 2006, permits were issued for 498 POWTS in the Town.

The authority to regulate POWTS comes from Chapters Comm 5, Comm 16, Comm 82, Comm 84 through 87, and Comm 91 of the *Wisconsin Administrative Code*. Chapter 25, the Sanitary Code, of the *Washington County Code of Ordinances* sets forth the regulations for POWTS in the County. The County should periodically update Chapter 25 of the County Ordinance to allow for advancements in POWTS technology over the comprehensive plan design period in accordance with changes to the *Wisconsin Administrative Code*. It is recommended that the Town continue to support and comply with the County's Sanitary Code and support the County's ability to research advancements in the design of POWTS for a safer and healthier environment for Town residents.

Municipal Sewer Service

Municipal sewer service to Town residents or businesses is available upon request from the City of Hartford, subject to City approval. Regulations for extension of City sewer service are set forth in Chapter 25, Sewers, of the *City of Hartford Municipal Code*. Town areas contiguous or near City boundaries, generally within one-half mile, are considered to be within the "City Sphere" and the City will require that annexation precede sewer service to these areas unless the property is legally incapable of being annexed. Any property which is legally incapable of being annexed to the City at the time of a request for services must sign an annexation agreement prior to receiving service that requires annexation as soon as it is legally possible. Town areas that are clearly separated from City boundaries by extensive agricultural or vacant parcels are considered to be within the "City Exurbia". The City's initial preference is to provide sewer service to areas located in the City Exurbia without requiring annexation. Town areas located between the City Sphere and Exurbia that are expected to be part of the City Sphere within 10 to 25 years are considered to be within the "City Suburbia". The Common Council determines whether sewers will be provided with or without annexation on a case-by-case basis. As of 2008, there were no properties located in the Town outside of the Hilldale Sanitary District and Pike Lake Utility District that received municipal sewer service from the City.

The Southeastern Wisconsin Regional Planning Commission (SEWRPC) Regional Water Quality Management Plan (RWQMP) evaluates facilities planning needs based on a criterion that planning for expansion or improvements to wastewater treatment plants should be initiated when the average daily flow to an existing plant reaches 80 percent of its design capacity. It is estimated that by the year 2020, assuming existing wastewater treatment plant design capacities, sewage flows to the City of Hartford plant will have exceeded the 80 percent threshold and will be approaching, or equaling, the plant design capacity. The RWQMP therefore recommends that the City monitor development and population levels in its sewer service area and prepare a facilities plan prior to 2020, if necessary, in order to provide adequate treatment capacity to meet future needs.

The Village of Slinger treatment plant is currently being upgraded and expanded. The design upgrades to the Village treatment plant began in 2006 and are expected to be completed in late 2008. The expansion of the treatment plant is expected to increase the design daily flow from approximately 0.92 million gallons per day (mgd) to 1.5 mgd. The improvements are needed to accommodate the anticipated growth, replace outdated equipment, and ensure that the treatment plant continues to meet requirements for discharge into a tributary of the Rubicon River.

Water Supply

The Town does not have a public water supply system. Most water for domestic and other uses in the Town, including areas in the Hilldale Sanitary District and the Pike Lake Utility District, is supplied by groundwater through the use of private wells. The Town encourages residents and businesses to maintain a high level of environmental quality by controlling groundwater contaminants and ensuring an adequate and safe water supply throughout the Town.

In limited circumstances, municipal water service may be provided on request to Town residents and businesses by the City of Hartford. No new water mains are constructed or new equipment used by the City to provide municipal water service to Town residents or businesses. Service is limited to parcels adjacent to an existing water main. Water service to parcels in the Town is charged at 125 percent of the cost charged to users within the City boundaries. Execution of an annexation covenant by the property owner is required prior to the provision of municipal water service. Regulations for provision of City water service are set forth in Chapter 24, Water Service, of the *City of Hartford Municipal Code*.

A non-municipal community water system is a privately-owned system that serves at least 25 year-round residents, or serves 15 service connections used by year-round residents (anything greater than six months is considered year-round). Examples of these include mobile home parks, subdivisions, apartments, and condominiums. There is one community water system in the Town, which serves the Voights Lakeside Estates subdivision. Water is provided through a well that draws from the shallow aquifer.

Individual hydrogeologic units within southeastern Wisconsin, including the Town of Hartford, differ widely in their ability to yield water to wells. From the standpoint of groundwater occurrence, all rock formations that underlie the Region can be classified either as aquifers or as confining beds. An aquifer is a rock formation or sand and gravel unit that will yield water in a useable quantity to a well or spring. A confining bed, such as shale or siltstone, is a rock formation unit having relatively low permeability that restricts the movement of groundwater either into or out of adjacent aquifers and does not yield water in useable amounts to wells and springs.

The aquifers in Washington County can be divided into shallow and deep. The shallow aquifer system is comprised of two aquifers, the shallow aquifer comprised of the Silurian dolomite aquifer and the overlying sand and gravel aquifer. The Maquoketa Formation is the lower limit of the shallow aquifer system. Private wells in the Town of Hartford draw water from the shallow aquifer, which is expected to provide adequate amounts of water to serve Town residents during the planning period. The City of Hartford draws water from both the shallow and deep aquifers. A more detailed description of the areal extent and lithology of aquifers and confining units, including water table depth and elevation mapping, can be found in SEWRPC Technical Report No. 37, *Groundwater Resources of Southeastern Wisconsin*, June 2002. Additional information on groundwater resources is provided in Chapter V.

Stormwater Management

Stormwater management facilities include overland flow paths, roadside swales or ditches, other open channels, curbs and gutters, catch basins and inlets, storm sewers, culverts, stormwater storage facilities for both quantity and quality control, and infiltration facilities.³ Although often designed on a subdivision-by-subdivision or project-by-project basis, stormwater management facilities ideally should be part of an integrated system of stormwater and floodplain management facilities for an entire watershed, or for an entire community with consideration given to the watershed(s) in which the community is located.

Stormwater in the Town of Hartford drains through natural watercourses, roadside ditches, and culverts. The Town does not have a centralized storm sewer system. The Town is regulated under the County Stormwater Management and Erosion Control Ordinance. It is recommended that the Town consider the preparation of a Town-wide stormwater management plan to serve existing and future land uses in the Town. The plan should provide for the development of an integrated system of stormwater management facilities and measures, rather than the current practice of designing stormwater management facilities on a project-by-project (usually a subdivision-by-subdivision) basis.

³*Infiltration facilities include bioretention, rain gardens, infiltration basins, infiltration swales, and porous pavement. Rain barrels can promote infiltration by collecting roof runoff that is then applied to lawns and gardens as needed.*

Solid Waste Disposal

The Town of Hartford does not provide for solid waste collection. Town residents contract privately with either Veolia Environmental Services or Waste Management for individual garbage collection services.

The average person in Wisconsin generates 4.7 pounds of trash (residential and their share of commercial trash) each day and recycles 1.9 pounds of that trash per day. Most of the solid waste collected in the Town is landfilled in the Glacier Ridge Landfill in Horicon (Dodge County), operated by Veolia Environmental Services, or the Orchard Ridge Landfill in Menomonee Falls (Waukesha County). Both landfills receive solid waste from sources throughout the State of Wisconsin, primarily from those counties in which they are located and adjacent counties, as well as from sources in the States of Illinois and Michigan. As of 2006, the Glacier Ridge landfill had 1.1 million cubic yards remaining, or an estimated three additional years of activity at its current capacity and use, and the Orchard Ridge landfill had 2.2 million cubic yards remaining, or an estimated two additional years of activity at its current capacity and use.

Glacier Ridge Landfill has permits to continue active operation for an additional 15 years. Additional land has been acquired for potential expansion of the landfill beyond 15 years, subject to approval of permits by the Wisconsin Department of Natural Resources (DNR) and other regulating agencies. The landfill will require continued expansion to accommodate the solid waste over the comprehensive plan design period, or new landfills will need to be sited and developed to accommodate solid waste.

Based on normal average daily volumes, it is estimated that Orchard Ridge Landfill has enough available land for the continued expansion of the landfill until about 2025. After 2025, the landfill may reach design capacity and become inactive or “capped.” An alternative method such as “heightening” may extend the life of the landfill, if the method is approved by the appropriate regulating bodies. “Heightening” is the process of placing solid waste on top of an existing landfill.

Both landfills will require the continuation of expansion to accommodate the solid waste produced in Washington County over the County comprehensive plan design period, or new landfills will need to be sited and developed to accommodate solid waste.

Recycling Facilities

Each local government in Washington County carries out a recycling program for household waste (no hazardous waste) within its jurisdiction. A recycling center, located at the Town Hall, serves the recycling needs of Town of Hartford residents. The center also serves Town of Erin residents.

Washington County residents may dispose of their hazardous waste materials year round at the Port Washington Facility (1275 Mineral Springs Drive, Port Washington, Ozaukee County) operated by Veolia Environmental Services. The Volunteer Center of Washington County collects computer equipment for proper disposal and the West Bend Knights of Columbus offers a telephone recycling service (including cell phones). It is not anticipated that the County will provide recycling services for general household or business waste during the planning period. The County does, however, sponsor periodic collections of hazardous household waste through the Clean Sweep Program, which the County conducts in partnership with the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP). A two-day countywide Hazardous Waste Clean Sweep was held by Washington County at the Washington County Highway Shop (900 Lang Street, West Bend) in 2008. County residents were able to dispose of agricultural, residential, and business hazardous wastes, which include unused pesticides, old gasoline, batteries, lead paint, mercury-containing thermostats, fluorescent tubes, solvents, and other chemicals. To date, the program has been dependent on receiving a portion of the funds needed for the program from DATCP. The County is studying the feasibility of providing an annual Clean Sweep program or possibly building a permanent disposal site in the County for residents to dispose of hazardous household and agricultural waste on a weekly basis.

The County is also studying the possibility of partnering with Aurora Hospital to develop an annual pharmaceutical disposal program. The County, in cooperation with the Milwaukee Metropolitan Sewerage District (MMSD) and neighboring counties, held its first medicine collection day in April 2008. In addition, the County is assessing the need for a tire collection program.

It is recommended that the Town assist and support the County in studying the feasibility of providing an annual Clean Sweep program or permanent drop-off sites for hazardous waste, as well as an annual pharmaceutical disposal program and tire collection program. The Town should also continue to provide a recycling facility for household waste at the Town Hall for Town residents.

Road Maintenance

The Town of Hartford Highway Department is responsible for maintaining about 49 miles of Town roads. Duties include conducting summer maintenance such as pavement markings, mowing roadsides, grading gravel shoulders, replacing cross road culverts, cleaning roadside ditches, and installing street signs. The Highway Department also coordinates road paving and reconstruction projects in the Town, plows snow, and enforces Town ordinances relating to driveway construction and maintenance, driveway culverts, and weight limits on Town roads. Washington County provides the Town assistance with road construction and maintenance, such as centerline striping, on a contract (fee for service) basis.

Parks

As of 2008, the Town of Hartford owned three park and open space sites, the 12-acre Town of Hartford Park, a 26-acre wetland mitigation site on the north side of Pike Lake, and a one-acre boat access site on the west side of Pike Lake. Maple Park, a two-acre site owned by the City of Hartford, is also located in the Town. There were also two County-owned park and open space sites located in the Town, the 277-acre Family Park/Washington County Golf Course and the 39-acre Joseph P. Marx Woods and Nature Preserve. A 474-acre portion of the Kettle Moraine State Forest – Pike Lake Unit, was also located in the Town. Together, these seven sites provide 831 acres of publicly-owned park and open space. There were also six private sites located in the Town encompassing 267 acres, for a total of 1,098 acres within park and open space sites. All existing parks in the Town are listed in Table 23 in Chapter V.

The Park and Open Space Plan for Washington County,⁴ adopted in 2004, provides recommendations for the maintenance and continued development of the County park system. The plan includes an open space preservation element and an outdoor recreation element. The outdoor recreation element of the County plan focuses on providing a well-distributed network of park sites for recreational activities that are closely related to natural resource amenities and/or large contiguous areas of open space, such as picnicking, swimming, golfing, and trail activities.

The outdoor recreation element of the County park plan also recommends a full range of community and neighborhood parks for urban areas of the County that provide facilities for more intensive recreational activities, such as baseball, tennis, and playground activities. Recommendations for the provision of local park sites and facilities should be identified through the preparation and adoption of local park and open space plans. Within rural areas of the County, such as the Town of Hartford, it is recommended that one town-owned park and associated outdoor recreation facilities be provided in each town to serve the needs of town residents for local civic events and for organized recreation activities, such as softball and picnicking. As the community recreational facility, the town park should be located in conjunction with another community facility that serves as a focal point for town residents such as a town hall, school, or fire station. The Town Park adjacent to the Town Hall fulfills this recommendation. Although no new areas are designated for outdoor recreation on the 2035 land use plan map (Map 11), Town officials will consider amending the plan map to allow additional low-intensity outdoor recreational uses if needed to serve residential growth in the Town. Should residential development in the Town result in a need for additional space for public works and/or administrative offices, the Town should consider acquiring enough land for a new Town Hall and future development of an adjacent Town Park. For example, additional neighborhood parks may be needed to serve residential subdivisions in Sections 13 and 14.

⁴See *SEWRPC Community Assistance Planning Report No. 136 (3rd Edition)*, A Park and Open Space Plan for Washington County, March 2004.

Telecommunications Facilities

Communication services include: 1) Voice Transmission Services; including: “Plain Old Telephone Service” (POTS); cellular wireless; satellite wireless; packet-based telephone networks; and Internet voice services; 2) Data Transmission Services, including: the Internet; ATM-Frame Relay, and third generation (3G) cellular wireless networks; 3) Multimedia Services, including: video, imaging, streaming video, data, and voice; and 4) Broadcast Services, including AM/FM terrestrial radio, satellite radio and television, terrestrial television, and cable television.

Telecommunications have become increasingly important in the local, national, and global economies. SEWRPC has undertaken a regional telecommunications planning effort to create a better understanding of telecommunications networks and the provision of services such as wireless and wireline telecommunications and high speed, broadband telecommunications throughout the Region. An inventory of wireless telecommunications providers and antennas providing cell phone service in Washington County is included in SEWRPC Planning Report No. 51, *A Wireless Antenna Siting and Related Infrastructure Plan for Southeastern Wisconsin*, published in September 2006. In addition to presenting inventories of both infrastructure and performance for the existing cellular/PCS mobile wireless networks operating in the Region, the plan describes a recommended wireless telecommunications plan for the Region.

Wireless antennas providing wireless cellphone service were inventoried in 2005 as part of the regional telecommunications plan. As of 2005, the Town did not contain any wireless antenna towers or companies.

A regional broadband access plan, which built upon the wireless telecommunications plan, was completed in 2007.⁵ Upon implementation, this plan will support a mix of wireline and wireless networks that will provide fourth generation (4G) video, voice, and data communications services to the entire Region. A central feature of the recommended plan is the potential for cooperative efforts between the public and private sectors in which infrastructure costs are shared between the public safety and commercial networks. Implementation of the recommended plan will require county or multi-county action, although partial implementation can be achieved at the community or multi-community level.

It is recommended that the Town work with wireless telecommunication providers to provide Town residents and businesses with an array of wireless telecommunication opportunities. SEWRPC is available to assist the Town in the development of a community-level telecommunications plan, if desired.

Power Plants and Transmission Lines

We Energies provides electric power and natural gas service throughout the Town; however, some Town residents currently use propane tanks rather than natural gas. Although the entire Town is within the We Energies natural gas service area, residents interested in receiving natural gas service are responsible for the cost of extending the gas line to their home. Town residents may contact We Energies for a cost estimate if they are interested in receiving natural gas service. Electrical power is available to the Town and the County on demand and is not currently or anticipated to be a constraint to development during the comprehensive plan design period.

Several high-voltage (69 kilovolts or higher) electric power transmission corridors owned by the American Transmission Company (ATC) cross the Town. There are no power plants or natural gas pipelines currently existing in the Town. The Town will work with We Energies and other utilities, as necessary, for possible expansion of new infrastructure related to transmission lines or pipelines to be located in the Town.

Koch Pipeline Company has a product pipeline that runs diagonally across the County from the northwest corner of the Town of Addison to the southeast corner of the Village of Germantown, in the Town of Addison, Town of Hartford, Village of Slinger, Town of Polk, Town of Jackson, and Village of Germantown. The pipeline is used for a variety of products.

⁵*Documented in SEWRPC Planning Report No. 53, A Regional Broadband Telecommunications Plan for Southeastern Wisconsin, October 2007.*

Street Lighting

The Town provides street lighting within the hamlet of St. Lawrence along STH 175, on Lake Drive near the Pike Lake Inn, and on CTH K at the Town Hall driveway.

Cemeteries

There are two cemeteries in the Town of Hartford, both of which are associated with a church: St. Lawrence Catholic Cemetery and the new St. Peter Catholic Cemetery. Together, the cemeteries encompass about eight acres. The Town will consider the expansion of existing cemeteries or the development of new cemeteries in appropriate locations in the Town on request.

Health Care Facilities

There are no hospitals or clinics for non-specialized medical services located within the Town, but health care facilities are located in nearby communities. As of 2008, Synergy Health Saint Joseph's Hospital in the Town of Polk and Aurora Medical Center in the City of Hartford both offered a full range of medical services in Washington County. In addition, Community Memorial Hospital in the Village of Menomonee Falls (Waukesha County) and major hospitals in surrounding counties also offer a full range of medical services reasonably convenient to Town residents. An increased demand for health care services and facilities can be expected as the age composition of the County's population increases over the planning period. SEWRPC population projections anticipate changes in the age structure of the County population over the course of the comprehensive planning period. The number of County residents 65 years of age and older is expected to almost triple, from 13,212 persons in 2000 to 38,325 persons in 2035.

Assisted Living Facilities

Facilities for Persons of Advanced Aged

An increased demand for facilities including nursing homes, assisted living facilities such as community based residential facilities (CBRF) and adult family homes, residential care apartment complexes, and senior apartment complexes may also increase as the number of elderly residents increases over the planning period. As of 2006, there were five nursing homes, 17 CBRFs, seven residential apartment care complexes, two adult family homes, and two adult day care facilities located in the County. Facilities for the aged licensed by the Wisconsin Department of Health and Family Services in 2006 are listed in Table 56. No facilities for the aged were located in the Town, but such facilities are available nearby in the City of Hartford and the Villages of Germantown and Slinger. The number of available rooms at nursing homes varies at any point during the year, but typically, nursing homes in the County have been able to accommodate the demand for people indicating an interest in residing in a nursing home. Funding, however, is a problem. The County Department of Social Services estimates that approximately 100 people are on a waiting list to get financial assistance from the State to help fund nursing home residency or other services provided by the County.

Facilities for the Mentally and Physically Disabled

Facilities for the mentally and physically disabled in Washington County licensed by the Wisconsin Department of Health and Family Services in 2006 are listed in Table 57. None were located in the Town, but such facilities are available nearby in the Village of Slinger and the Cities of Hartford and West Bend. Facilities for the developmentally and mentally disabled include nursing homes, community based residential facilities (CBRF), and adult family homes. Facilities included five nursing homes offering skilled nursing facilities; five CBRF's serving mentally and physically disabled persons that offer room and board, supervision, support services, and up to three hours of nursing care per week; 26 adult family homes for the mentally and physically disabled where a resident will receive care, treatment or services that are above the level of room and board and up to seven hours per week of nursing care. Washington County supports about 400 physically disabled people. According to the County Department of Social Services, about 80 families have "indicated interest" in placing a family member in long term care, but currently, the County has no residency available for physically disabled persons. However, about five of the 80 families that "indicated interest" for a family member urgently need services for residency, the remaining 75 people are considered a "watch group" that may need assistance in the future. Once a vacancy becomes available, the County decides which person that has "indicated interest" would best be served by the room available.

Table 56

ASSISTED LIVING FACILITIES FOR THE ADVANCED AGED IN WASHINGTON COUNTY: 2006

Name	Street Address ^a	Capacity
Nursing Homes		
Cedar Lake Health Care Center	5595 CTH Z, West Bend	229
Hartford Healthcare Center	1202 E. Sumner Street, Hartford	106
Samaritan Health Center	531 E. Washington Street, West Bend	212
Samaritan Health Center Sub-Acute Unit	551 Silverbrook Drive, West Bend	23
Virginia Highlands Health and Rehabilitation Centers	W173 N10915 Bernies Way, Germantown	121
Community Based Residential Facilities		
Autumn Oaks LLC.....	227 E. Washington Street, Slinger	30
Countryview Group Home.....	N112 W12850 Mequon Road, Germantown	8
Deerview Meadows Assisted Living I.....	109 Lone Oak Lane, Hartford	14
Deerview Meadows Assisted Living II.....	111 Lone Oak Lane, Hartford	8
Everly House.....	N168 W22022 Main Street, Jackson	16
Friendship House	5595 CTH Z, West Bend	20
Hawthorn Manor Inc.....	321 Hawthorn Drive, West Bend	15
Hawthorn Manor Inc.....	346 S. Main Street, West Bend	12
Ivy Manor of Jackson	W194 N16744 Eagle Drive, Jackson	22
Landmark at Jackson Crossing (The)	N168 W22022 Main Street, Jackson	20
Legacy (The).....	1025 Bell Avenue, Hartford	12
Maple Dale Manor Kewaskum I	1038 Fond du Lac Avenue, Kewaskum	20
Maple Dale Manor Kewaskum II	1042 Fond du Lac Avenue, Kewaskum	14
River Way Place LLC	831 E. Washington Street, West Bend	40
Touchstone West Bend.....	1707 Carrie Lane, West Bend	8
Tri Manor LTD	1937 N. Main Street, West Bend	19
Wellington Place of Hartford	615 Hilldale Road, Hartford	28
Residential Care Apartment Complexes		
Cedar Bay East.....	5577 Home Drive, West Bend	54
Cedar Bay West.....	5555 Cedar Bay Drive, West Bend	107
Fields (The).....	675 East Washington Street, West Bend	24
Hawthorn Manor Apartments	275 W. Decorah Road, West Bend	12
Lakeshore at Jackson Crossing (The)	N168 W22026 Main Street, Jackson	30
Legacy (The).....	1025 Bell Avenue, Hartford	28
Maple Manor of Kewaskum	1038 Fond du Lac Avenue, Kewaskum	20
Adult Family Homes		
Legate AFH	229 W. Paradise Drive, West Bend	4
Symicek AFH	834 Center Street, Hartford	4
Adult Day Care Facilities		
Aurora Medical Center Adult Day Service	1022 E. Sell Drive, Hartford	20
LSS Adult Day Center	140 N. 7 th Street, West Bend	20

^aStreet address is the facility's mailing address.

Source: Wisconsin Department of Health and Family Services.

Each type of facility provides a different level of care for residents requiring a variety of services. All types of facilities are important for providing a continuum of care to persons with disabilities and other County residents as they age or recover from illness, injury, or addiction. Because a majority of the existing facilities are located in urbanized areas, provided with sewer and water, it would be difficult for the Town to attract assisted living facilities to the Town. However, the Town supports and encourages the expansion or development of assisted living facilities for persons with disabilities or for the elderly in appropriate locations.

Table 57

ASSISTED LIVING FACILITIES FOR PERSONS WITH DISABILITIES IN WASHINGTON COUNTY: 2006

Name	Street Address ^a	Capacity
Nursing Homes		
Cedar Lake Health Care Center.....	5595 CTH Z, West Bend	229
Hartford Healthcare Center	1202 E. Sumner Street, Hartford	106
Samaritan Health Center.....	531 E. Washington Street, West Bend	212
Samaritan Health Center Sub-Acute Unit	551 Silverbrook Drive, West Bend	23
Virginia Highlands Health and Rehabilitation Centers	W173 N10915 Bernies Way, Germantown	121
Community Based Residential Facilities		
Autumn Oaks LLC.....	227 E. Washington Street, Slinger	30
Calm Harbor.....	139 South 8 th Avenue, West Bend	8
Countryview Group Home.....	N112 W12850 Mequon Road, Germantown	8
Timberline Group Home.....	W164 N10502 Timberline Road, Germantown	5
Ivy Manor of Jackson	W194 N16744 Eagle Drive, Jackson	22
Adult Family Homes		
17 th Avenue Adult Family Home.....	233 S. 17 th Avenue, West Bend	4
Beverly Tessar	1230 N. 10 th Avenue, West Bend	4
CLA Lee Ave	1102 Lee Avenue, West Bend	4
CLA Slinger Adult Family Home.....	3941 Elaines Way, Slinger	4
Dennis Path Adult Family Home	6874 Dennis Path, West Bend	3
Ellman Adult Family Home.....	260 S. Silverbrook Drive, West Bend	4
Hans Street	1505 Hans Street, West Bend	3
HIL Carrie Lane.....	1628 Carrie Lane, West Bend	4
HIL Columbus House	5096 Valley Trail, West Bend	4
HIL Drake House.....	1630 Carrie Lane, West Bend	4
HIL Magellan House.....	212 S. 16 th Avenue, West Bend	4
Imperial Court AFH	722 Imperial Court, West Bend	3
Legate AFH	229 W. Paradise Drive, West Bend	4
Pamme Court Adult Family Home.....	1545 Pamme Court, West Bend	4
PS LLC – Eder Lane	1620-1622 Eder Lane, West Bend	3
PS LLC – Firethorn	1209 Firethorn Drive, West Bend	3
PS LLC- Hillcrest.....	1017 Hillcrest Street, West Bend	4
REM Wisconsin II Diane Drive	6799 Diane Drive, Newburg	4
REM Wisconsin II Germantown	N116 W16105 Main Street, Germantown	4
REM Wisconsin II Greentree Road.....	2205 Greentree Road, West Bend	3
REM Wisconsin II INC, Patton Drive.....	1354 Patton Drive, Hartford	4
REM Wisconsin II INC, Meadowbrook Drive	505 Meadowbrook Drive, West Bend	4
REM Wisconsin II INC, Loos Street.....	735 E. Loos Street, Hartford	3
REM Wisconsin II Judith Court	708 Judith Court, West Bend	4
Symicek AFH	834 Center Street, Hartford	4
Villa Park.....	1031 Villa Park Drive, West Bend	4

^aStreet address is the facility's mailing address.

Source: Wisconsin Department of Health and Family Services.

Child Care Facilities

Child care facilities are regulated by the Bureau of Regulation and Licensing (BRL) in the Wisconsin Department of Health and Family Services. There are two types of child care facilities regulated by the BRL, family child care centers and group child care centers. Family child care centers are facilities that provide care for four to eight children. These programs are generally operated in a provider's home and are licensed by the BRL under *Wisconsin Administrative Code* Chapter HFS 45. Group child care centers are facilities that provide care for nine

or more children. These programs are generally operated outside the provider's home and are licensed by the BRL under *Wisconsin Administrative Code* Chapter HFS 46. In 2006, there were 14 licensed family child care centers and 62 licensed group child care centers in Washington County. There were no licensed group child care centers or licensed family child care centers in the Town of Hartford, but child care facilities were located in nearby communities to serve Town residents.

SEWRPC population projections anticipate the number of County residents under the age of 10 to increase by 2035. Since child care facilities and services are generally provided by the private sector, it is difficult for the Town to plan for additional child care facilities. The Town should consider allowing child care facilities, if requested by an interested party, through the Town comprehensive plan design year 2035 in order to provide child care services for Town residents.

Police Protection

The Town employs a chief of police who oversees the lake patrol, enforces Town ordinances, and acts as the Town's emergency management director. The lake patrol regulates activity on and adjacent to Pike Lake, in accordance with the Town's lake use ordinance.

Police protection in the Town of Hartford is also provided by the Washington County Sheriff's Department, which is based in the City of West Bend. All unincorporated areas in the County and the Villages of Newburg and Richfield are served by the Washington County Sheriff's Department. Divisions in the Sheriff's Department include the Corrections Division, Patrol Division, Detective Division, Courthouse Security Services Unit, Communications Division, and Clerical Support. The Town anticipates reliance on the Washington County Sheriff's Department for police protection services through 2035. The Town also encourages the Sheriff's Department to monitor the personnel, equipment, and facilities yearly to ensure they are adequate to serve Town and other County residents. The Town also supports Washington County in continuing to provide the countywide Public Safety Answering Point system operated by the Sheriff's Department for emergency dispatch services for the Town. The center handles calls pertaining to fire, police, and public works (sewer/water) emergencies.

Enforcement of Town Ordinances

The Town of Hartford Code of Ordinances specifies the following enforcement officers for Town ordinances, who may issue citations to persons found to be violating a Town ordinance:

- Building Inspector: Enforces the uniform dwelling code.
- Chief of Police: Enforces lake use ordinance, has authority to enforce any Town ordinance.
- Public Works Director: Enforces Town regulations for driveways, culverts, and weight limits on Town roads.
- Town Board: Has authority to enforce any Town ordinance.
- Zoning Administrator: Enforces the Town zoning ordinance.

Fire Protection

Fire protection is provided by two fire departments. The Hartford Fire Department, operated by the City of Hartford and consisting of 58 paid on-call and two full-time employees, serves the largest portion of the Town. The St. Lawrence Volunteer Fire Department, operated privately and consisting of 42 volunteer firefighters, serves the northeastern portion of the Town. The Town encourages both fire departments to conduct periodic needs assessment studies to determine if the department has sufficient fire-fighters, equipment, water supply, and facilities to adequately protect the Town. Fire departments and fire protection service areas in Washington County, including the Town of Hartford, are listed in Table 58.

Emergency Management Services

Emergency medical service units associated with the two fire departments provide emergency rescue services in the Town. The Washington County Sheriff's Department maintains a DIVE team that serves all communities in the County. The Town encourages each department to conduct periodic needs assessment studies to determine if the departments have sufficient personnel, equipment, and facilities to adequately protect the Town and other communities they serve.

Table 58

FIRE DEPARTMENTS AND FIRE PROTECTION SERVICE AREAS IN WASHINGTON COUNTY: 2006

Fire Departments	Service Zone Area (acres)	Paid Fire Department Employees	Paid On Call Fire Fighters	Fire Department Volunteers ^a
Allenton Volunteer Fire Department	17,168	0	0	45
Ashippun Volunteer Fire Department ^b	3,774	0	0	37
Boltonville Volunteer Fire Department.....	12,204	0	0	40
Fillmore Fire Department.....	11,341	0	0	35
Germantown Fire Department.....	23,169	3 full time/4 part time	36	0
Hartford Fire Department.....	32,834	2 full time	58	0
Jackson Fire Department	30,879	3 full time	35	0
Kewaskum Fire Department.....	15,589	1 full time	54	0
Kohlsville Fire Department	28,088	0	0	35
Newburg Volunteer Fire Department.....	21,716	0	0	58
Richfield Volunteer Fire Department	30,489	2 full time	60	0
Slinger Volunteer Fire Department	16,457	0	0	50
St. Lawrence Volunteer Fire Department	12,154	0	0	42
West Bend Fire Department.....	22,917	40 full time	0	0

^aTotals include active volunteer fire-fighters and emergency medical service personnel.

^bThe Ashippun Volunteer Fire Department is in the Town of Ashippun in Dodge County. The Department serves the southwestern portion of the Town of Erin.

Source: Washington County and SEWRPC.

The Washington County Emergency Management Department prepares and updates county emergency operation plans; coordinates emergency training exercises; communicates to the public about emergency preparedness; and responds to incidents throughout Washington County, including those involving hazardous materials. The Town Chief of Police serves as the contact person for the coordination of emergency services in the Town.

Libraries

Washington County is served by five public libraries, which are part of the Mid-Wisconsin Federated Library System.⁶ The Town of Hartford does not have a public library. The nearest library is the Hartford Public Library in the City of Hartford. Table 59 lists the location and circulation of each library in Washington County. Each library is also part of an interlibrary loan and reference referral system that includes all libraries in the Mid-Wisconsin Federated Library System. Washington County contracts with each library to provide library services to Town and County residents living in communities without a municipal library.

Table 59

THE LOCATION AND CIRCULATION OF PUBLIC LIBRARIES IN WASHINGTON COUNTY: 2007

Community	Library	Circulation
City of Hartford.....	Hartford Public Library	171,978
City of West Bend	West Bend Community Memorial Library	593,921
Village of Germantown.....	Germantown Community Library	288,515
Village of Kewaskum.....	Kewaskum Public Library	54,408
Village of Slinger.....	Slinger Public Library	92,928
Total	--	1,201,750

Source: Mid-Wisconsin Federated Library System.

⁶The Mid-Wisconsin Federated Library System includes 27 public libraries located in Washington, Dodge, and Jefferson Counties.

A plan for library service in Washington County was undertaken by the Strategic Plan Committee and staff of the Mid-Wisconsin Federated Library System. Several goals and objectives for providing library service to the Mid-Wisconsin Federated Library System and Washington County residents were reviewed during the planning process. The Mid-Wisconsin Federated Library System Board uses the plan as a guide in local planning and budgeting activities of member libraries, including the five libraries in Washington County. The Town supports and encourages Washington County and the Mid-Wisconsin Federated Library System Board to revisit the Strategic Plan in five year increments and continue to implement the goals and objectives listed in the plan.

Schools

In 2008, there were 36 public schools in five public high school districts and 26 private schools in Washington County. The Town of Hartford lies primarily within the Hartford J1 School District (serving Kindergarten through 8th grade) and Hartford Union High School District, although the easternmost portion of the Town lies within the Slinger School District, and a portion of the Rubicon J6 Elementary School District is located in the southwest portion of the Town. None of the districts operate schools in the Town. Public school students living in the Town attend schools in the City of Hartford, Village of Slinger, or Town of Addison. Public and private schools and public school districts in the Town and surrounding areas are shown on Map 17.

School districts within the County typically prepare facilities plans, which include needs assessments for new facilities and land, based on development statistics received from the local governments they serve and population projection data from agencies such as SEWRPC and the Wisconsin Department of Administration (DOA). SEWRPC projections anticipate that the number of County residents under the age of 20 will increase from about 34,000 in 2000 to about 40,000 in 2035. This increase may require the expansion of existing school buildings or the construction of new school buildings. In addition, some older school buildings within the County may require replacement as the facility becomes antiquated.

The *Hartford Joint No. 1 School District Facilities Study Report* was prepared by the Hartford Joint No. 1 Board of Education and sets forth facility recommendations and a capital improvement program for the two elementary schools and one middle school within the district. Recommendations in the study report include construction of a new elementary school to alleviate overcrowding at the two existing elementary schools and prepare for the anticipated growth of school-aged residents within the district, and expansion of Central Middle School. In November 2007, a referendum to fund the facilities plan recommendations was voted down by district residents. The School Board will continue to monitor student enrollment and gather public input to address facility needs within the district, and plans to prepare a new facilities plan in 2008.

The Hartford J1, Hartford Union High School, Rubicon J6, and Slinger School districts should work with the Town, Washington County, and SEWRPC to obtain information regarding proposed residential developments and population projections to prepare accurate facilities plans in short-term increments through the County comprehensive plan design year 2035.

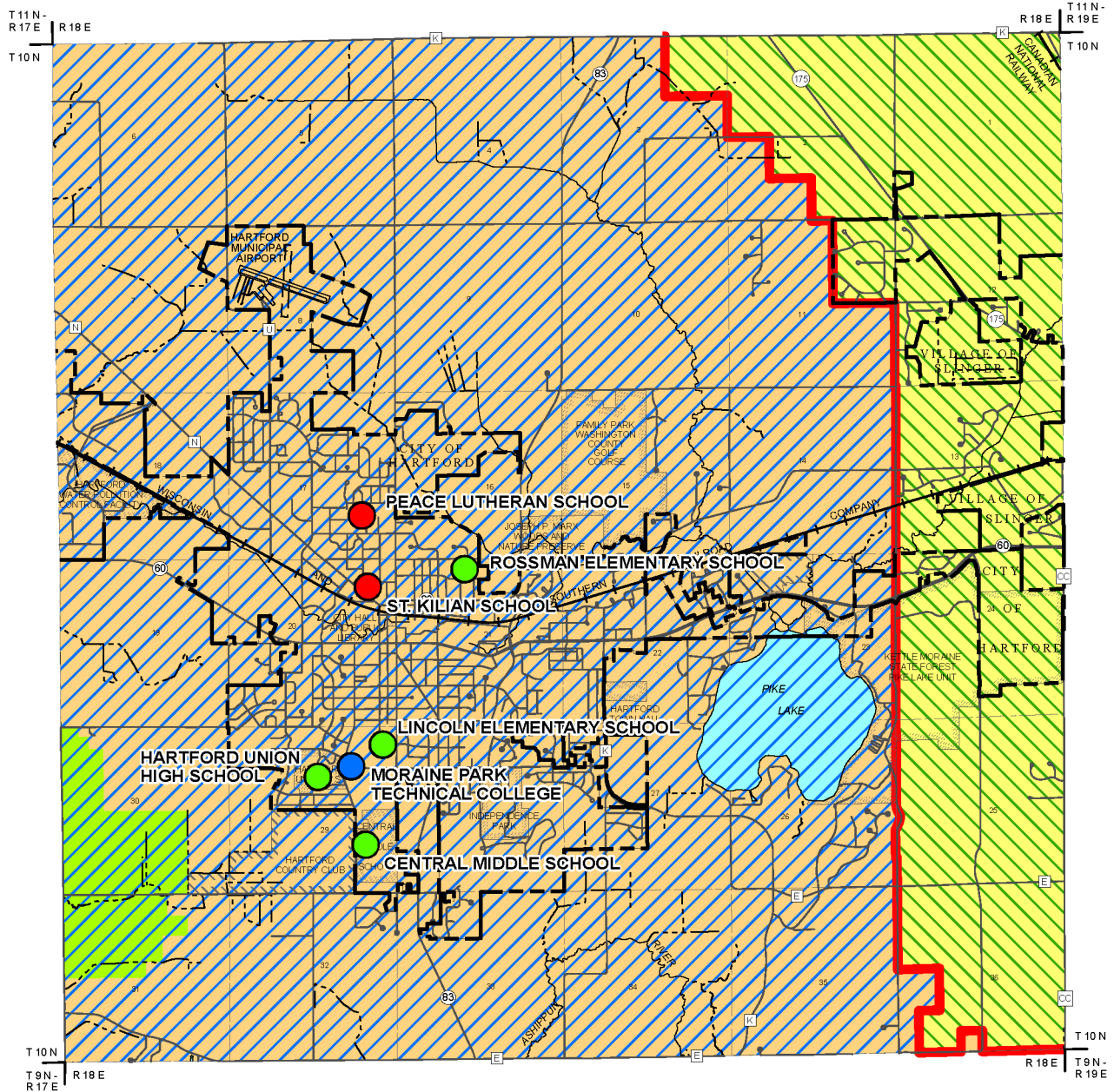
Washington County is also home to the University of Wisconsin–Washington County and the Moraine Park Technical College. The Moraine Park Technical College has campuses in the City of West Bend in Washington County, City of Fond du Lac in Fond du Lac County, and City of Beaver Dam in Dodge County, and regional centers in the City of Hartford in Washington County and City of Ripon in Fond du Lac County. The Town supports the continued cooperation between the colleges and Washington County to partner in economic development and other educational initiatives, which may require additional facilities and programs, academic faculty and staff, and equipment.

Other Government Facilities – Hartford Town Hall

The Town Hall is located on the east side of CTH K, south of STH 60. The Town Hall includes a meeting room, two offices, and a kitchenette. Facilities at Town Hall include a picnic shelter, recycling center, and youth football fields used by the Hartford Youth Football Club. The Town Hall is available to Town residents and businesses for private rental. In addition to holding Town meetings, the Town Hall also serves as the Town's only polling place. The Town should continue to maintain and, as necessary, expand and/or relocate Town Hall facilities to effectively conduct Town government business.

Map 17

SCHOOL DISTRICTS IN THE TOWN OF HARTFORD AND ENVIRONS: 2008



ELEMENTARY SCHOOL DISTRICTS

- HARTFORD J1
- RUBICON J6
- SLINGER

SCHOOL TYPES

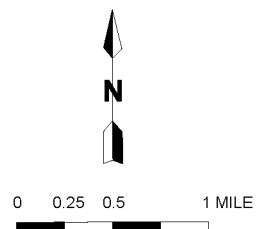
- PRIVATE
- PUBLIC
- COLLEGE / UNIVERSITY

HIGH SCHOOL DISTRICTS

- HARTFORD UNION
- SLINGER
- HIGH SCHOOL DISTRICT BOUNDARY

NOTE: THE SLINGER SCHOOL DISTRICT INCLUDES ELEMENTARY, MIDDLE, AND HIGH SCHOOLS (I.E., THERE IS NO SEPARATE HIGH SCHOOL DISTRICT).

Source: Washington County and SEWRPC.



PART 2 - UTILITIES AND COMMUNITY FACILITIES GOALS, OBJECTIVES, POLICIES, AND PROGRAMS

The *Statutes* require a number of utilities and community facilities to be addressed in this element; however, utilities and community facilities are provided by many units and levels of government and also by the private sector. The following is a brief summary of the utilities and facilities provided in the Town:

- Washington County provides services or administers ordinances associated with environmental quality, including regulation of shorelands, wetlands, and floodplains; stormwater management; farm and watershed conservation planning; environmental health and sanitation, such as the regulation of private on-site waste treatment systems and hazardous waste collection and disposal; parks and recreational facilities; health care services and facilities; safety and emergency management services; and other general government services. Transportation facilities and services, which are also provided by the County, are addressed in the Transportation Element (Chapter VIII).
- Town of Hartford provides services or establishes agreements for sewage treatment through the establishment of sanitary and utility districts, recycling facilities, parks, maintenance of Town roads, fire protection, police protection, and emergency medical services throughout the Town. Town land use regulations affect the location of existing and potential telecommunications facilities, power plants, cemeteries, health care facilities, child care facilities, and schools. An inventory and description of utilities and community facilities provided by the Town are included in Part 1 of this chapter.
- School districts are responsible for planning, constructing, and operating school facilities and for providing educational services.
- The private sector typically provides electric power, natural gas, communications services, health care, and child care services.

Utilities and Community Facilities Goals, Objectives, Policies, and Programs

Goals:

- Provide community facilities appropriate for a rural town.
- Maintain services in the Town, including law enforcement and emergency services, Pike Lake patrols, the Town Park, road improvement and repair, and recycling services.
- Provide a safe, secure, and healthful environment and a high quality of life for Town residents.
- Cooperate with other units and agencies of government, where appropriate, to provide cost-effective government services.
- Cooperate with private service providers to ensure Town residents receive appropriate services.

Objectives:

- Strive to match the level of public services with the basic needs of new development and population increases.
- Major developments should generally be directed to neighboring municipalities offering public services.
- Require developers to pay for improvements needed to support new development requests.
- Adequate stormwater management facilities should be provided for all development.
- Encourage shared services with neighboring communities.

Policies:

- Limit residential development to densities and in locations compatible with the rural character of the Town, and therefore avoid the need to provide urban facilities and services to such development.
- Prohibit development in areas not easily accessed by emergency and other service vehicles.
- Continue to work with and support the Washington County Sheriff's Department in providing police protection services to the Town.
- Continue to employ a lake patrol to enforce the Town lake use ordinance on Pike Lake.
- Continue to work with and support the Hartford and St. Lawrence Volunteer Fire Departments in providing fire protection service to the Town.
- Continue to work with and support the two fire and rescue departments that provide rescue services to the Town.
- Continue the use of private wells to supply water for domestic and other uses in the Town.
- Continue to work with the City of Hartford and Village of Slinger to provide for sanitary sewer needs in portions of the Town.
- Continue to rely primarily on private onsite wastewater treatment systems (POWTS) for wastewater disposal in portions of the Town outside of the Hilldale Sanitary District and Pike Lake Utility District.
- Continue to maintain the Town Hall to effectively conduct Town government business.
- Continue to maintain the Town Park adjacent to the Town Hall.
- Continue to cooperate with Washington County to protect public health and safety.
- Work with Washington County to provide adequate health care facilities and services to maintain the high level of health care in the Town.
- Support continued County participation in the Mid-Wisconsin Federated Library System.
- Work with the Hartford J1, Hartford Union High School, Rubicon J6, and Slinger school districts, if requested, to provide information regarding proposed residential developments to help the districts prepare accurate facilities plans. School districts serving the Town are shown on Map 17.
- Cooperate with electric and gas service providers, such as We Energies, to provide power and heat to Town residents and businesses.
- Continue to rely on private firms for solid waste collection and disposal services.
- Continue to provide recycling services for Town residents.
- Although cemeteries are not provided by the Town, the Town encourages the expansion of existing cemeteries or the development of new cemeteries in the Town in appropriate locations, subject to review and approval by the Town.
- Although child care facilities are not provided by the Town, the Town supports the development of additional child care facilities in the Town, where appropriate, to meet the needs of Town residents, subject to review and approval by the Town.

Programs:

- Consider conducting a needs assessment and adopting an impact fee ordinance for facilities provided by the Town.
- Consider preparing a Town stormwater management plan to provide for comprehensive and coordinated stormwater management facilities and measures.
- Continue to work with Washington County to administer the County erosion control and stormwater management ordinance in the Town.

- Continue to cooperate with Washington County in the implementation of Chapter 25, Sanitary Code, of the Washington County Code of Ordinances, which includes the regulation of private onsite wastewater treatment systems (POWTS) in the Town.
- Initiate contacts with Washington County and adjacent communities prior to constructing new public facilities or initiating or expanding Town services to determine if there are opportunities for joint facilities or services.
- Cooperate with Washington County and adjacent communities when approached to consider joint service agreements or facilities.
- Explore a partnership with Washington County for recycling programs and facilities, including establishment of household hazardous waste collection sites and facilities.

Chapter X

ECONOMIC DEVELOPMENT ELEMENT

INTRODUCTION

The economic development element is one of the nine elements of a comprehensive plan required by Section 66.1001 of the *Wisconsin Statutes*. Section 66.1001(2)(f) of the *Statutes* requires the economic development element to compile goals, objectives, policies, and programs that promote the stabilization and retention or expansion of the economic base and quality employment opportunities in the Town of Hartford. In addition, this element must:

- Include an analysis of the Town labor force and economic base.
- Assess categories or particular types of new businesses and industries that are desired by the Town.
- Assess the Town's strengths and weaknesses with respect to attracting and retaining businesses and industries and designate an adequate number of sites for such businesses and industries.
- Evaluate and promote the use of environmentally contaminated sites for commercial or industrial uses.
- Identify economic development programs, including State and Regional programs, which apply to the Town.

In addition, the following comprehensive planning goals related to the economic development element are set forth in Section 16.965 of the *Statutes* and must be addressed as part of the planning process:¹

- Promotion of the redevelopment of lands with existing infrastructure and public services and the maintenance and rehabilitation of existing residential, commercial, and industrial structures.
- Protection of economically productive areas, including farmland and forests.
- Encouragement of land uses, densities, and regulations that promote efficient development patterns and relatively low municipal, state government, and utility costs.
- Building of community identity by revitalizing main streets and enforcing design standards.
- Providing adequate infrastructure and public services and an adequate supply of developable land to meet existing and future market demand for residential, commercial, and industrial uses.
- Promoting the expansion or stabilization of the current economic base and the creation of a range of employment opportunities at the state, regional, and local level.

¹Chapter I lists all 14 of the comprehensive planning goals included in Section 16.965 of the *Statutes*.

Part 1 of this chapter provides an inventory and analysis of the labor force and economic base in the Town including approximate employment and unemployment, employment by job type in Washington County,² the largest employers in the Town, personal income characteristics of residents, existing and planned business/industrial parks in neighboring communities, and environmentally contaminated land.

Part 2 sets forth the projected number of jobs in the Town in 2035, an assessment of desirable new businesses and industries, and an assessment of the Town's strengths and weaknesses with respect to attracting those businesses and industries. Part 3 sets forth economic development goals and objectives through the plan design year of 2035. Recommended policies, defined as steps or actions to achieve economic development goals and objectives; and programs, defined as projects or services necessary to achieve economic development policies, are also identified in Part 3.

A description of economic development organizations and programs which assist in the establishment, retention, and expansion of area businesses, is provided in Appendix E.

PART 1: INVENTORY AND ANALYSIS

Labor Force

The labor force is defined as those residents of the Town of Hartford 16 years of age and older who are employed or are actively seeking employment. Labor force data are often referred to as "place of residence" data as opposed to "place of work" data, or employment data. The labor force is not equated with the number of employment opportunities, or jobs, in the Town because some Town residents are employed outside the Town, some have more than one job, some are unemployed, and some jobs in the Town are held by non-residents.

Table 60 sets forth the employment status of Town residents 16 years of age or older. There were 2,462 employed persons residing in the Town and 2,510 Town residents in the labor force in 2000. Employed persons comprised about 62 percent of the total population of the Town in 2000. There were 48 unemployed persons age 16 or older, or about 2 percent of the labor force. By comparison, 2.7 percent of the County labor force, 3.6 percent of the Regional³ labor force, and 3.2 percent of the State labor force were unemployed in 2000. Unemployment has trended upward between 2000 and 2006. As of November 2006, the Wisconsin Department of Workforce Development (DWD) reported the unemployment rate in Washington County at 3.9 percent of the labor force and the unemployment rate for the Milwaukee Metropolitan area⁴ at 5.5 percent of the labor force. About 18 percent of Town residents, or 537 persons, 16 years of age or older did not participate in the labor force in 2000.⁵

Table 11, in Chapter III, sets forth the location of employment for Town and County residents in 2000. About 58 percent of employed Town residents worked within Washington County, including about 25 percent in the City of Hartford, and about 42 percent of residents traveled outside the County for employment. Of the 42 percent of Town residents who traveled outside the County for employment, about 19 percent worked in Milwaukee County and about 14 percent worked in Waukesha County.

The occupational and educational attainment make-up of the labor force provides useful insight into the nature of work the Town labor force is most suited to, the type of industry that the Town may be most successful in retaining and attracting, and the types of new businesses and industries most desired by the Town. The number of

²*This data is only available at the County level.*

³*The Southeastern Wisconsin Region consists of Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha Counties.*

⁴*The Milwaukee Metropolitan area consists of Milwaukee, Ozaukee, Washington, and Waukesha Counties.*

⁵*Persons age 16 and older who did not participate in the labor force include only those persons who did not work nor seek employment.*

Table 60

EMPLOYMENT STATUS OF PERSONS 16 YEARS OF AGE OR OLDER RESIDING IN THE TOWN OF HARTFORD: 2000

Employment Status	Residents 16 Years of Age and Older		
	Number	Percent of Labor Force	Percent of all Persons 16 or Older
Employed	2,462	98.1	80.8
Unemployed	48	1.9	1.6
In Armed Forces	--	--	--
Subtotal in Labor Force	2,510	100.0	82.4
Not in Labor Force	537	--	17.6
Total	3,047	--	100.0

Source: U.S. Bureau of the Census and SEWRPC.

employed persons by occupation in the Town and County is set forth in Table 10 in Chapter III. Town residents employed in management, professional, and related occupations comprised the largest percentage of the employed labor force at about 29 percent, or 721 workers. Sales and office and production, transportation, and material moving occupations ranked second and third respectively, with about 28 percent, or 701 workers, and about 22 percent, or 548 workers, of the employed Town residents. Construction, extraction, and maintenance occupations (11 percent); service occupations (8 percent); and farming, fishing, and forestry occupations (1 percent) represent the remaining 20 percent of the employed Town workforce.

The high percentage of workers in management and professional and sales and office occupations are consistent with the high level of educational attainment among Town and Washington County residents 25 years of age and older. About 91 percent of Town residents at least 25 years of age and 89 percent of County residents at least 25 years of age had attained a high school or higher level of education in 2000. Those percentages are higher than the educational attainment of the overall population of the Region, where 84 percent of the population 25 years of age and older had attained this level of education as of 2000. About 55 percent of the population 25 years of age and older in the Town and about 54 percent of the population 25 years of age and older in Washington County attended some college or earned an associate, bachelor, or graduate degree, compared to about 54 percent in the Region. Educational attainment for residents of the Town and County is set forth in Table 6 in Chapter III.

Changing age composition of the Town labor force, which is expected to resemble that of Washington County, may also affect retention and attraction of business and industry to the Town and the types of business and industry most desired by the Town. The percentage of the population under 20 years old and ages 20 to 44 is expected to decrease by 4 percent and 8 percent, respectively, from 2000 to 2035. However, the percentage of the population ages 45 to 65 will remain stable, while the percentage of the population 65 years of age and older will increase by 13 percent. The result will be a smaller working age percentage of the population, and a population that may demand an increase in certain products and services, such as those provided by the health care industry.

The projected population of the Town for 2035, as stated in Chapter III, is 4,800 persons. Assuming the Town population projection and the County age composition projection will apply within the Town, about 3,840 Town residents will be working age (age 16 or older⁶). If current labor force participation trends hold constant and the same methodology for calculation is used as above, about 2,989 Town residents could be participating in the labor force in 2035. However, this method does not account for retired persons. The large percentage change in persons in the age 65 and older category (from 11 percent to 24 percent in Washington County between 2000 and 2035) will likely mean a larger percentage of retired residents in 2035.

Employment

Number and Type of Jobs

Employment or “place of work” data are the number and type of jobs available in the Town of Hartford and Washington County. This information provides an important indicator of the level of economic activity for economic development planning and land use planning purposes. Employment data and labor force data form the baseline information in determining how many and what type of jobs will need to be added in the Town and County to serve the projected 2035 Town population.

⁶This definition is based on methodology used by the U.S. Census Bureau for compiling labor force data.

Table 61**NUMBER OF JOBS IN WASHINGTON COUNTY: 1950 - 2000**

Year	Number of Jobs	Change From Preceding Year		Percent of Region Total
		Number	Percent	
1950	10,200	--	--	1.8
1960	15,200	5,000	49.0	2.3
1970	24,300	9,100	59.9	3.1
1980	35,200	10,900	44.9	3.7
1990	46,000	10,900	31.0	4.3
2000	61,700	15,600	33.8	5.0

Source: U.S. Bureau of Economic Analysis and SEWRPC.

Table 62**NUMBER OF JOBS IN WASHINGTON COUNTY COMMUNITIES: 2000**

Community	Number of Jobs	Percent
Cities		
Hartford ^a	8,248	13.3
West Bend	19,181	31.0
Villages		
Germantown	12,724	20.5
Jackson	3,392	5.5
Kewaskum	1,891	3.1
Newburg ^b	514	0.8
Slinger	2,453	4.0
Towns		
Addison	2,061	3.3
Barton	1,344	2.2
Erin	502	0.8
Farmington	513	0.8
Germantown	242	0.4
Hartford	995	1.6
Jackson	955	1.5
Kewaskum	502	0.8
Polk	1,557	2.5
Richfield	2,544	4.1
Trenton	432	0.7
Wayne	557	0.9
West Bend	1,339	2.2
Washington County ^c	61,946	100.0

^aIncludes entire City of Hartford.

^bIncludes entire Village of Newburg.

^cIncludes Washington County and the entire City of Hartford and Village of Newburg.

Source: U.S. Bureau of Economic Analysis and SEWRPC.

Table 61 shows historic employment growth in Washington County between 1950 and 2000. In 1950, there were 10,200 jobs located in the County. Between 1950 and 2000, the number of jobs located in the County grew by 505 percent, which was significantly higher than the 113 percent job growth experienced in the Region over the same time period.

Table 62 sets forth the number of jobs in 2000 in the Town of Hartford and each community in the County. In 2000, the Town of Hartford had 995 jobs. Jobs were concentrated in the Cities of Hartford and West Bend and the Villages of Germantown, Jackson, Kewaskum, Newburg, and Slinger. These communities also have the largest populations and number of residents in the labor force.

Historical job levels by general industry group are summarized for the County and Region in Table 12 in Chapter III. The 1990's saw a continuation of a shift in the regional economy from manufacturing to service industry jobs. Manufacturing employment in the Region was virtually unchanged during the 1990's, following a 15 percent decrease during the 1980's, and a modest 4 percent increase during the 1970's. Conversely, service-related employment increased substantially during each of the past three decades, by 33 percent during the 1990's, 41 percent during the 1980's, and 53 percent during the 1970's. Due to these differential growth rates, the proportion of manufacturing jobs relative to total jobs in the Region decreased from 32 percent in 1970 to 18 percent in 2000, while service-related employment increased from 18 percent in 1970 to 33 percent in 2000. In comparison to the manufacturing and service industry groups, other major industry groups – such as wholesale trade, retail trade, government, and finance, insurance, and real estate – have been relatively stable in terms of their share of total employment in the Region over the last three decades. Agricultural jobs decreased by over 50 percent between 1970 and 2000, the only industry group other than manufacturing to lose employees.

Unlike the region and the rest of Wisconsin, Washington County has experienced an increase in manufacturing jobs. Manufacturing jobs in the County have increased from 9,255 jobs to 17,307 jobs, or by almost 87 percent, between 1970 and 2000. The County also experienced growth in all other employment categories between 1970 and 2000, with the exception of agricultural jobs. Agricultural jobs decreased about 37 percent, from 2,002 jobs to 1,255 jobs.

Table 63

PRIVATE AND GOVERNMENT EMPLOYMENT BY INDUSTRY GROUP IN WASHINGTON COUNTY: 2004

Industry Group (NAICS) ^a	Former SIC Industry Group ^b	Number	Percent
Private Employment			
Forestry, fishing, related activities, and other.....	Agricultural, forestry, and fishing	44	0.1
Mining.....	Mining	77	0.1
Utilities.....	Transportation, communication, electric, gas, and sanitary services	-- ^c	-- ^c
Construction.....	Construction	4,404	6.8
Manufacturing.....	Manufacturing	14,178	22.0
Wholesale trade.....	Wholesale trade	3,232	5.0
Retail trade.....	Retail trade	7,848	12.2
Transportation and warehousing.....	Transportation, communication, electric, gas, and sanitary services	-- ^c	-- ^c
Information.....	Services	641	1.0
Finance and insurance.....	Finance, insurance, and real estate	2,669	4.2
Real estate and rental and leasing.....	Finance, insurance, and real estate	1,618	2.5
Professional and technical services.....	Services	2,338	3.6
Management of companies and enterprises.....	Services	97	0.2
Administrative and waste services.....	Services	2,650	4.1
Educational services ^d	Services	613	1.0
Health care and social assistance.....	Services	5,349	8.3
Arts, entertainment, and recreation.....	Services	1,186	1.9
Accommodation and food services.....	Services; Retail trade	4,297	6.7
Other services, except public administration.....	Services	3,951	6.1
Farm employment.....	Agricultural, forestry, and fishing	1,230	1.9
Subtotal ^e	--	56,422	87.7
Government and Government Enterprises			
Federal, civilian.....	Public Administration; Transportation, communication, electric, gas, and sanitary services	258	0.4
Military.....	Public Administration	404	0.6
State government.....	Public Administration	261	0.4
Local government.....	Public Administration	4,853	7.6
Subtotal	--	5,776	9.0
Total	--	64,362 ^f	100.0

^aAmerican Industry Classification System.

^bStandard Industry Classification system.

^cDetailed data is not available at the County level; however, the utilities and transportation and warehousing industry groups combined total 2,164 jobs and 3.3 percent of the total jobs located in the County.

^dThe educational service category includes those employed by private schools and colleges. Public school employees are included in the local government category.

^eSubtotal includes the sum of forestry, mining, utilities, and transportation and warehouse industry jobs.

^fIncludes Washington County only.

Source: U.S. Bureau of Economic Analysis and SEWRPC

There were 64,362 jobs located in the County in 2004, which is an increase of 4 percent from the 2000 level. Table 63 sets forth the number of jobs by industry group in the County as of 2004. The two industry groups listed on Table 63 include the Standard Industry Classification (SIC) system and the North American Industry Classification System (NAICS). The two industry groups provide different industry group classifications. In 1997, the U.S. government started using the NAICS to categorize employment data. The NAICS was developed jointly by the U.S., Canada, and Mexico to provide improved comparability in statistics about business activity across North America.

Table 64

WASHINGTON COUNTY EMPLOYMENT LOCATION QUOTIENT: 2004^a

Industry (NAICS)	Comparison with State	Comparison with Nation
Private Employment		
Forestry, fishing, related activities, and other	— ^b	— ^b
Mining	— ^b	— ^b
Utilities	— ^b	— ^b
Construction	1.26	1.13
Manufacturing	1.47	2.53
Wholesale trade	1.39	1.39
Retail trade	1.05	1.11
Transportation and warehousing	— ^b	— ^b
Information	0.63	0.48
Finance and insurance	0.85	0.87
Real estate and rental and leasing	1.00	0.68
Professional and technical services	0.86	0.56
Management of companies and enterprises	0.17	0.20
Administrative and waste services	0.91	0.68
Educational services	0.59	0.50
Health care and social assistance	0.78	0.84
Arts, entertainment, and recreation	1.00	0.90
Accommodation and food services	0.97	1.00
Other services, except public administration	1.17	1.07
Farm employment	0.66	1.12
Government and Government Enterprises		
Federal, civilian	0.50	0.25
Military	1.20	0.50
State government	0.14	0.13
Local government	0.94	0.93

^aIncludes Washington County only.

^bDetailed data is not available at the County level.

Source: U.S. Bureau of Economic Analysis and SEWRPC.

Major Employment Types⁷

The manufacturing industry led Washington County in number of jobs in 2004, despite the drop in the number of manufacturing jobs from 17,307 in 2000 to 14,178 in 2004. The next five largest private employment categories were:

- Retail trade – 7,848 jobs
- Health care and social assistance – 5,349 jobs
- Construction – 4,404 jobs
- Accommodation and food services – 4,297 jobs
- Other services, except public administration – 3,951 jobs

The largest government employer in the County was local government, which consisted of 4,853 jobs.

Location Quotient Analysis

The Washington County location quotient, set forth in Table 64, is a ratio comparing the concentration of jobs in the County by industry type to the concentration of jobs in the State and Nation by industry type. If the location quotient is one, the County has an equal concentration of jobs by that industry type compared to the State or

⁷This data is only available at the County level.

Nation. If the location quotient is less than one, the County has a lower concentration of jobs by that industry type compared to the State or Nation. If the location quotient is greater than one, the County has a higher concentration of jobs by that industry type compared to the State or Nation. Compared to the State and Nation, Washington County has a very high concentration of manufacturing, wholesale trade, and, construction jobs. In addition, the County has a high concentration of retail trade and other services, except public administration jobs. By contrast, the County has a low concentration of information technology, finance and insurance, professional and technical services, management, administrative and waste services, educational services, health care and social assistance, farm employment, and government related jobs.

Major Employment Locations

Major employment locations (those with 100 or more employees) in Washington County in 2007 are listed by community on Table 65. Ranges are given rather than a specific number of employees for privacy reasons. No major employer was located in the Town. Larger employers in the Town include Lee Precision, Inc. (50 to 99 employees); Hahn True Value Hardware, The Hartford Golf Club, Inc., Timlin's Furniture of Hartford, Inc., and Washington County Golf Course (20 to 49 employees); and Hartford Animal Clinic and the Town of Hartford (10 to 19 employees). The largest employers in the County were Serigraph Inc., Washington County, West Bend Mutual Insurance Co., and the West Bend School District in the City of West Bend; Broan-Nutone LLC, Quad/Graphics Inc., and Signicast Corporation in the City of Hartford; Techstar MFG Company in the Village of Germantown; St. Joseph's Hospital in the Town of Polk; Benevolent Corporation Cedar Community in the Town of West Bend; and Sysco Food Services in the Village of Jackson. The largest employers in participating local governments without a major employer (100 or more employees) are listed in Table 66.

Annual Wages⁸

Table 67 sets forth the average annual wages by industry in Washington County, the Region, and the State in 2005. The average annual wage paid to workers employed in Washington County was \$33,398 per year. This figure was about 94 percent of the State average of \$35,547 per year. Jobs in financial activities provided the highest average annual wage in the County at \$43,800, with jobs in manufacturing second at \$42,355. Jobs in construction provided the third highest average annual wage in the County at \$38,478. Jobs in leisure and hospitality provided the lowest annual wage at \$9,587. Table 67 shows that annual wages by industry were generally lower in Washington County than surrounding counties, the Southeastern Wisconsin Region, and the State.

Personal Income

Personal income is another primary indicator of the overall economic well being of an area. Household income is one of the primary measurements of personal income. Annual household income in the Town and each community in the County is documented in Table 8 in Chapter III. The median household income in the Town was \$69,896, which was \$12,863 more than the median household income in the County (\$57,033), \$23,309 more than the median household income in the Region (\$46,587), \$26,105 more than the median household income in the State (\$43,791), and \$27,902 more than the household income in the Nation (\$41,994).

Table 68 sets forth historic median household income levels in the Town and each community from 1979 to 1999 in dollars reported and constant (1999) dollars. Reported household income in the Town has increased from \$23,491 in 1979 to \$69,896 in 1999, which is an increase of about 198 percent. When expressed in constant dollars, 1979 reported income adjusted for inflation to express that income in 1999 dollars, household income in the Town increased from \$54,315 to \$69,896, which is an increase of about 29 percent. Adjusted median household income increased in the County by about 12 percent, the State by about 7 percent, and the Nation by about 8 percent, but decreased in the Region by one-third of 1 percent between 1979 and 1999.

Overall, households in the Town have experienced economic prosperity over the last two decades; however, a number of households in the Town had annual incomes under the poverty level in 1999. There were 12 households, or about 1 percent of all households, with incomes below the poverty level in the Town in 2000, and

⁸*This data is only available at the County level.*

Table 65

MAJOR EMPLOYERS IN WASHINGTON COUNTY: 2007^{a,b}

Name	Location	Number of Employees ^c	Name	Location	Number of Employees ^c
City of Hartford			Village of Germantown		
Broan-Nutone, LLC	926 West State Street	500-999	Techstar MFG Company	W190 N11701 Moldmakers Way	500-999
Quad/Graphics, Inc. ^d	1900 West Sumner Street	500-999	Airgas Safety, Inc.	W185 N11300 Whitney Drive	250-499
Signicast Corporation ^d	1800 Innovation Way	500-999	David J. Frank Landscape Contracting, Inc.	N120 W21350 Freistadt Road	250-499
API Software, Inc.	310 North Wilson Avenue	250-499	GKN Sinter Metals, Inc.	N112 W18700 Mequon Road	250-499
Aurora Medical Center of Washington County, Inc.	1032 East Sumner Street	250-499	Gehl Guernsey Farms, Inc.	N116 W15970 Main Street	100-249
Aurora Medical Group, Inc.	1004 East Sumner Street	100-249	Germantown Public High School	W180 N11501 River Lane	100-249
Hartford Finishing, Inc.	844 West State Street	100-249	Germantown Public School (Kennedy Middle)	W160 N11836 Crusader Court	100-249
K-MART Corporation	1275 Bell Avenue	100-249	J.W. Speaker Corporation	W185 N11315 Whitney Drive	100-249
Mineshaft Restaurant	22 North Main Street	100-249	L.T. Hampel Corporation	W194 N11551 McCormick Drive	100-249
Menasha Packaging Company	621 Wacker Drive	100-249	Smurfit-Stone Container Enterprises, Inc.	11900 North River Lane	100-249
Steel Craft Corporation of Hartford	105 Steelcraft Drive	100-249	Virginia Highlands Health and Rehabilitation Center	N173 N10915 Bernies Way	100-249
THI of Wisconsin at Hartford, LLC	1202 East Sumner Street	100-249	Ultra Mart Foods, LLC	N112 W16200 Mequon Road	100-249
Triton Corporation	857 West State Street	100-249	Village of Germantown	N112 W17001 Mequon Road	100-249
City of West Bend			Village of Jackson		
Washington County	432 East Washington Street	500-999	Sysco Food Services of Eastern Wisconsin, LLC	1 Sysco Drive	500-999
Serigraph, Inc.	3801 East Decorah Road	500-999	Village of Kewaskum		
West Bend Mutual Insurance Co.	1900 South 18th Avenue	500-999	Regal Ware Inc.	1675 Reigle Drive	100-249
West Bend School District	735 South Main Street	500-999	Village of Richfield		
City of West Bend [AC]	1115 South Main Street	250-499	Cabela's	3049 STH 145	250-499
Kettle Moraine YMCA, Inc.	1111 West Washington Street	250-499	W.G. Strohwig Tool/Die, Inc.	3285 Industrial Road	100-249
Regal Ware, Inc.	1100 Schmidt Road	250-499	Town of Addison		
Serigraph, Inc.	3701 East Decorah Road	250-499	Kreilkamp Trucking Inc.	6487 STH 175	250-499
WAL-MART Associates, Inc.	1515 West Paradise Drive	250-499	Maysteel, LLC	6199 CTH W	250-499
Amity Rolfs, Inc.	820 East Washington Street	100-249	Town of Barton		
Aurora Medical Group, Inc.	205 Valley Avenue	100-249	Weasler Engineering, Inc.	7801 North USH 45	250-499
Fleet & Farm Supply Co of West Bend, Inc.	1637 West Wash Street	100-249	Town of Germantown		
Gehl Co.	143 Water Street	100-249	Riteway Bus Service, Inc.	W201 N13900 Fond Du Lac Avenue	100-249
Kohl's Department Stores, Inc.	1400 South Main Street	100-249	Town of Jackson		
Menard, Inc.	575 West Paradise Drive	100-249	Schreiber Foods	807 Pleasant Valley	100-249
REM Wisconsin	505 Meadowbrook Drive	100-249	Town of Kewaskum		
Moore Wallace North America, Inc.	201 East Progress Drive	100-249	Summit Ski Corporation	8355 Prospect	250-499
Serigraph, Inc.	603 Hi Mount Road	100-249	Town of Polk		
The Threshold Inc.	600 Rolfs Avenue	100-249	St. Joseph's Hospital	3200 Pleasant Valley Road	500-999
Ultra Mart Foods, LLC	2380 West Washington Street	100-249	Town of West Bend		
Ultra Mart Foods, LLC	1719 South Main Street	100-249	Benevolent Corp Cedar Community	5595 CTH Z	500-999

^aMajor employers include those with 100 or more employees at a single location.

^bIncludes Washington County, that portion of the City of Hartford located in Dodge County, and that portion of the Village of Newburg located in Ozaukee County.

^cThe exact number of employees is confidential. Number includes part-time and seasonal employees.

^dThe Town of Richfield incorporated as a Village on February 13, 2008.

Source: Wisconsin Department of Workforce Development and SEWRPC.

Table 66

LARGEST EMPLOYERS IN WASHINGTON COUNTY COMMUNITIES WITHOUT A MAJOR^a EMPLOYER: 2007

Name	Location	Number of Employees ^b
Village of Newburg		
No-No's Restaurant LLC	3498 STH 33 East	35 – 99
Dehling – Voigt Inc.	4229 CTH Y	35 – 99
Central United Corporation	6789 Carmody Court	35 – 99
Village of Slinger ^c		
Slinger School District	207 Polk Street	50 – 99
Slinger School District (Slinger Elementary School)	203 E. Polk Street	50 – 99
Slinger School District (Slinger Middle School)	521 Olympic Drive	50 – 99
Slinger School District (Slinger High School)	209 Polk Street	50 – 99
Hanke Trucking, Inc.	765 Hilldale Road	50 – 99
Jacob L. Hansen Foods, Inc. (Hansen Supermarket)	1100 E. Commerce Street	50 – 99
MBW, Inc.	250 Hartford Road	50 – 99
Uptown Motorcars	1101 E. Commerce Boulevard	50 – 99
Town of Erin		
Erin School District	6901 CTH O	50 – 99
Basilica of Holy Hill	1525 Carmel Road	10 – 19
Erin Construction, Inc.	7116 Roosevelt Road	10 – 19
Heiliger Huegel Ski Club	5482 STH 167	10 – 19
Tally Corp	1855 STH 83	10 – 19
Town of Erin	1846 STH 83 South	5 – 9
Town of Farmington		
Country Catering	1848 CTH H	10 – 19
Town of Farmington	9422 STH 144	10 – 19
U.S. Cylinders	7960 Indian Lore Road	5 – 9
Town of Hartford		
Lee Precision, Inc.	4275 CTH U	50 – 99
Hahn True Value Hardware	2945 STH 83	20 – 49
The Hartford Golf Club, Inc.	7072 Lee Road	20 – 49
Timlin's Furniture of Hartford, Inc.	5980 STH 60 E	20 – 49
Washington County Golf Course	6439 Clover Road	20 – 49
Hartford Animal Clinic	2962 STH 83	10 – 19
Town of Hartford	3360 CTH K	10 – 19
Town of Trenton		
Walden's Supper Club	2472 Wallace Lake Road	20 – 49
Unique Services, Inc.	4915 C Drive	20 – 49
Phase II Mold & Die, Inc.	6417 Stockhausen Road	10 – 19
R & K Excavating, Inc.	4971 Cal Drive	10 – 19
Stocky's Fast Track, LLC	6405 Stockhausen Lane	10 – 19
USW Local 2-00369	363 Speedway Court	10 – 19
Master Electric	1682 Maple Dale Road	5 – 9
Town of Wayne		
Brooks Stevens, Inc.	7741 Commercial Lane	20 – 49
Spiros Industries, Inc.	7666 CTH WW	20 – 49
Clean "N" Brite, Inc.	9575 Lake Bernice Drive	10 – 19
The Learning Garden	5760 Mohawk Road	5 – 9
E S Service, Inc.	CTH W	5 – 9
Special Souvenirs, Inc.	9284 Skyline Drive	5 – 9
Town of Wayne	6030 Mohawk Road	5 – 9

^aMajor employers are those with 100 or more employees.

^bEmployers listed in this table have a minimum of five employees.

^cOnly those employers in the Village of Slinger with 50 to 99 employees are listed in this table. The Village also has 17 employers that have between 20 and 49 employees.

Source: Wisconsin Department of Workforce Development, Washington County, and SEWRPC.

Table 67

**AVERAGE ANNUAL WAGES BY INDUSTRY GROUP IN WASHINGTON COUNTY AND ITS
ADJACENT COUNTIES, SOUTHEASTERN WISCONSIN, AND THE STATE OF WISCONSIN: 2005**

County and Industry Group (NAICS)	Average Annual Wage	Percent of Region	Percent of State
Dodge County^a			
All Industries.....	\$32,861	90.6	92.4
Natural Resources	\$31,115	97.0	112.1
Construction	\$46,064	99.2	107.4
Manufacturing	\$39,335	78.1	88.5
Trade, Transportation, Utilities.....	\$25,055	75.1	80.6
Information	- ^b	- ^b	- ^b
Financial Activities.....	\$28,101	51.6	60.7
Professional and Business Services.....	\$45,800	104.9	113.2
Education and Health.....	\$31,773	81.7	85.3
Leisure and Hospitality.....	\$8,277	58.9	66.4
Other Services	\$15,386	69.7	74.7
Public Administration.....	\$33,719	79.4	90.5
Fond Du Lac County^a			
All Industries.....	\$32,649	90.0	91.8
Natural Resources	\$25,487	79.4	91.8
Construction	\$44,787	96.5	104.4
Manufacturing	\$46,307	91.9	104.2
Trade, Transportation, Utilities.....	\$25,819	77.4	83.1
Information	\$27,773	- ^b	63.9
Financial Activities.....	\$35,194	64.6	76.1
Professional and Business Services.....	\$28,106	64.4	69.5
Education and Health.....	\$35,770	92.0	96.1
Leisure and Hospitality.....	\$9,332	66.4	74.8
Other Services	\$18,103	82.0	87.9
Public Administration.....	\$34,712	81.8	93.2
Milwaukee County			
All Industries.....	\$40,979	112.9	115.3
Natural Resources	\$42,726	133.1	153.9
Construction	\$48,256	103.9	112.5
Manufacturing	\$51,581	102.4	116.1
Trade, Transportation, Utilities.....	\$34,107	102.3	109.7
Information	\$54,923	- ^b	126.4
Financial Activities.....	\$58,019	106.5	125.4
Professional and Business Services.....	\$45,047	103.2	111.3
Education and Health.....	\$40,270	103.6	108.2
Leisure and Hospitality.....	\$16,862	120.1	135.2
Other Services	\$21,951	99.5	106.5
Public Administration.....	\$48,312	113.8	129.7
Ozaukee County			
All Industries.....	\$37,381	103.0	105.2
Natural Resources	\$31,810	99.1	114.6
Construction	\$43,089	92.8	100.5
Manufacturing	\$48,772	96.8	109.8
Trade, Transportation, Utilities.....	\$31,101	93.3	100.1
Information	- ^b	- ^b	- ^b
Financial Activities.....	\$48,836	89.7	105.6
Professional and Business Services.....	\$40,453	92.7	99.9
Education and Health.....	\$39,676	102.0	106.6
Leisure and Hospitality.....	\$11,663	83.0	93.5
Other Services	\$18,748	85.0	91.0
Public Administration.....	\$31,313	73.8	84.1
Sheboygan County^a			
All Industries.....	\$35,095	96.7	98.7
Natural Resources	\$21,422	66.8	77.2
Construction	\$39,765	85.6	92.7
Manufacturing	\$43,948	87.2	98.9
Trade, Transportation, Utilities.....	\$26,597	79.8	85.6
Information	\$32,044	- ^b	73.8
Sheboygan County (continued)^a			
Financial Activities.....	\$42,007	77.1	90.8
Professional and Business Services	\$29,748	68.2	73.5
Education and Health	\$36,927	95.0	99.2
Leisure and Hospitality	\$10,781	76.8	86.5
Other Services	\$14,067	63.8	68.3
Public Administration	\$37,410	88.1	100.4
Washington County			
All Industries.....	\$33,398	92.0	94.0
Natural Resources.....	\$29,164	90.9	105.0
Construction	\$38,478	82.9	89.7
Manufacturing.....	\$42,355	84.1	95.3
Trade, Transportation, Utilities	\$30,751	92.2	98.9
Information	\$23,865	- ^b	54.9
Financial Activities	\$43,800	80.4	94.7
Professional and Business Services	\$35,557	81.5	87.9
Education and Health	\$35,153	90.4	94.4
Leisure and Hospitality	\$9,587	68.3	76.9
Other Services.....	\$18,526	84.0	89.9
Public Administration	\$33,150	78.1	89.0
Waukesha County			
All Industries.....	\$40,708	112.2	114.5
Natural Resources.....	\$37,674	117.4	135.7
Construction	\$49,152	105.9	114.6
Manufacturing.....	\$49,634	98.5	111.7
Trade, Transportation, Utilities	\$36,010	108.0	115.8
Information	- ^b	- ^b	- ^b
Financial Activities	\$54,843	100.7	118.5
Professional and Business Services	\$47,783	109.5	118.1
Education and Health	\$37,807	97.2	101.6
Leisure and Hospitality	\$12,046	85.8	96.6
Other Services.....	\$24,860	112.7	120.7
Public Administration	\$35,978	84.8	96.6
Southeastern Wisconsin Region			
All Industries	\$36,286	100.0	102.1
Natural Resources.....	\$32,089	100.0	115.6
Construction	\$46,434	100.0	108.3
Manufacturing.....	\$50,372	100.0	113.4
Trade, Transportation, Utilities	\$33,347	100.0	107.3
Information	- ^b	- ^b	- ^b
Financial Activities	\$54,454	100.0	117.7
Professional and Business Services	\$43,646	100.0	107.9
Education and Health	\$38,881	100.0	104.4
Leisure and Hospitality	\$14,044	100.0	112.6
Other Services.....	\$22,065	100.0	107.1
Public Administration	\$42,446	100.0	114.0
State of Wisconsin			
All Industries.....	\$35,547	98.0	100.0
Natural Resources.....	\$27,765	86.5	100.0
Construction	\$42,891	92.4	100.0
Manufacturing.....	\$44,430	88.2	100.0
Trade, Transportation, Utilities	\$31,088	93.2	100.0
Information	\$43,439	- ^b	100.0
Financial Activities	\$46,267	85.0	100.0
Professional and Business Services	\$40,462	92.7	100.0
Education and Health	\$37,228	95.7	100.0
Leisure and Hospitality	\$12,468	88.8	100.0
Other Services.....	\$20,604	93.4	100.0
Public Administration	\$37,244	87.7	100.0

^aCounty is not part of the Southeastern Wisconsin Region.

^bData not available.

Source: Wisconsin Department of Workforce Development and SEWRPC.

Table 68

MEDIAN HOUSEHOLD INCOME IN WASHINGTON COUNTY COMMUNITIES: 1979 - 1999

Community	1979	1989	1999	Percent Change 1979 - 1999
City of Hartford				
Reported Dollars	17,986	28,092	46,553	158.8
Constant 1999 Dollars	41,586	38,068	46,553	11.9
City of West Bend				
Reported Dollars	19,732	34,337	48,315	144.9
Constant 1999 Dollars	45,623	46,531	48,315	5.9
Village of Germantown				
Reported Dollars	25,313	42,083	60,742	140.0
Constant 1999 Dollars	58,527	57,028	60,742	3.8
Village of Jackson				
Reported Dollars	18,986	30,858	53,990	184.4
Constant 1999 Dollars	43,898	41,817	53,990	23.0
Village of Kewaskum				
Reported Dollars	20,948	33,306	49,861	138.0
Constant 1999 Dollars	48,435	45,134	49,861	2.9
Village of Newburg				
Reported Dollars	19,803	33,500	57,024	188.0
Constant 1999 Dollars	45,787	45,397	57,024	24.5
Village of Slinger				
Reported Dollars	18,670	30,965	47,125	152.4
Constant 1999 Dollars	43,168	41,962	47,125	9.2
Town of Addison				
Reported Dollars	23,125	39,707	56,875	145.9
Constant 1999 Dollars	53,468	53,808	56,875	6.4
Town of Barton				
Reported Dollars	22,800	41,675	64,861	184.5
Constant 1999 Dollars	52,717	56,475	64,861	23.0
Town of Erin				
Reported Dollars	26,210	47,439	74,875	185.7
Constant 1999 Dollars	60,601	64,286	74,875	23.6
Town of Farmington				
Reported Dollars	22,593	40,685	61,667	172.9
Constant 1999 Dollars	52,238	55,134	61,667	18.1
Town of Germantown				
Reported Dollars	25,314	43,486	75,000	196.3
Constant 1999 Dollars	58,530	58,929	75,000	28.1
Town of Hartford				
Reported Dollars	23,491	42,437	69,896	197.5
Constant 1999 Dollars	54,315	57,508	69,896	28.7
Town of Jackson				
Reported Dollars	26,925	48,504	64,070	138.0
Constant 1999 Dollars	62,255	65,729	64,070	2.9
Town of Kewaskum				
Reported Dollars	19,732	36,771	59,500	201.5
Constant 1999 Dollars	45,623	49,830	59,500	30.4
Town of Polk				
Reported Dollars	24,844	42,425	62,933	153.3
Constant 1999 Dollars	57,443	57,491	62,933	9.6
Town of Richfield				
Reported Dollars	27,099	51,143	72,809	168.7
Constant 1999 Dollars	62,657	69,306	72,809	16.2
Town of Trenton				
Reported Dollars	23,671	41,448	66,213	179.7
Constant 1999 Dollars	54,731	56,168	66,213	21.0
Town of Wayne				
Reported Dollars	22,029	36,136	61,033	177.1
Constant 1999 Dollars	50,934	48,969	61,033	19.8
Town of West Bend				
Reported Dollars	22,617	35,000	73,333	224.2
Constant 1999 Dollars	52,294	47,430	73,333	40.2
Washington County				
Reported Dollars	21,989	38,431	57,033	159.4
Constant 1999 Dollars	50,842	52,079	57,033	12.2
Southeastern Wisconsin Region				
Reported Dollars	20,096	32,146	46,308	130.6
Constant 1999 Dollars	46,465	43,562	46,308	-0.3
Wisconsin				
Reported Dollars	17,680	29,442	43,791	147.7
Constant 1999 Dollars	40,879	39,898	43,791	7.1
United States				
Reported Dollars	16,841	30,056	41,994	149.4
Constant 1999 Dollars	38,939	40,730	41,994	7.8

Source: U.S. Bureau of the Census and SEWRPC.

12 households were family households and none were non-family households. Poverty thresholds are determined on a National basis and do not change by geographic region. Poverty thresholds ranged between \$8,501 for a one person household and \$34,417 for a nine person household in 1999.⁹

⁹The poverty thresholds above are weighted averages. Thresholds vary depending on the number of related children under 18 years of age present in the household and the age of the householder.

Commercial and Industrial Areas

The Town of Hartford and Washington County have a strong economic base, as indicated by labor force and household income characteristics. In addition to positive labor force characteristics, the Town and County must ensure that an adequate number of sites for business creation, retention, expansion, and attraction are identified to maintain the strong economic base. The Town land use plan map (Map 11 in Chapter VI) designates 532 acres for commercial and industrial development in 2035, which is an increase of 455 acres from the 77 acres developed for such uses in 2008.

Business/Industrial Parks

Existing business parks located in the County are listed in Table 69. Business parks are defined as having each of the following characteristics:

- A planned and publicly-owned internal street system
- Sanitary sewer service and public water service or availability
- Single ownership at the time the park was subdivided
- Land that is available and on the market
- A minimum of 10 acres for brownfield sites and 40 acres for greenfield sites
- Land that was platted or divided by certified survey map, except for brownfield sites

There were 27 business parks located in the County in 2008. Total acreage encompassed by business parks in the County was 3,520 acres. About 75 percent of the land, or 2,630 acres, has been developed or is committed to development. About 25 percent of the land, or 890 acres, is currently available for development. Business parks are located in the Cities of Hartford and West Bend; Villages of Germantown, Jackson, Kewaskum, Richfield, and Slinger; and Towns of Addison and Polk. There were no business parks located in the Town. Existing business parks are generally located adjacent to a highway or arterial street. Uses located in business parks are traditionally manufacturing, warehousing, or office uses; however, commercial retail and service uses may also be appropriate for business parks. The most compatible commercial retail and service uses for business parks are those that provide goods and services catering to the needs of employees who work in the business parks, such as child care centers, restaurants, and banks or credit unions. Health care clinics are also increasingly being located in business parks.

Environmentally Contaminated Sites

Section 66.1001 of the *Wisconsin Statutes* requires the economic development element of a comprehensive plan to promote environmentally contaminated sites for commercial and industrial use. There are no environmentally contaminated sites in the Town of Hartford.

PART 2: ECONOMIC PROJECTIONS AND DESIRABLE BUSINESSES

Employment Projections

Future employment levels in the County are expected to be strongly influenced by the strength of the regional economy relative to the rest of the State and Nation. SEWRPC's economic study, *The Economy of Southeastern Wisconsin*¹⁰, which was prepared as part of the regional land use planning program, concluded that the regional economy is unlikely to significantly increase or decrease in strength relative to the State or Nation over the projection period of 2000 to 2035.

Projections of total employment for Washington County were prepared within the framework of the regional employment projection largely on the basis of trend analysis. The number of jobs by industry group in 2000 and the projected number of jobs in 2035 are shown on Table 70. The total number of jobs in the County is projected

¹⁰Documented in SEWRPC Technical Report No. 10 (4th Edition), *The Economy of Southeastern Wisconsin*, July 2004.

Table 69

BUSINESS/INDUSTRIAL PARKS IN WASHINGTON COUNTY: 2008^a

Park Name	Location ^b	Total Site Area (Acres)	Area Developed/ Committed for Business/Industrial Uses (Acres)	Remaining Available Developable Area (Acres)
City of Hartford				
Dodge Industrial Park ^c	T10N, R17E Section 12-4 and Section 13-1 and 4; T10N, R18E Section 7-3 and Section 18-2 and 3	540.0	507.0	33.0
Hartford Industrial Park	T10N, R18E Section 17-2 and 3 and Section 20-1 and 2	106.0	106.0	--
Western Industrial Park	T10N, R18E Section 17-3 and Section 18-1 and 4	66.0	66.0	--
City of West Bend				
River Road Industrial Park	T11N, R19E Section 36-4	57.0	35.5	21.5
West Bend Corporate Center	T11N, R19E Section 26-2 and 3	234.0	113.0	121.0
West Bend Industrial Park – East	T11N, R20E Section 7-3	67.0	67.0	--
West Bend Industrial Park – South	T11N, R19E Section 25-1, 2, 3, and 4	204.0	195.5	8.5
Wingate Creek Business Center	T11N, R20E Section 27-3 and 4	70.0	36.0	34.0
Village of Germantown				
Germantown Business Park (Donges Bay Industrial Park)	T9N, R20E Section 32-3	350.0	233.0	117.0
Germantown Industrial Park (Maple Road Industrial Park)	T9N, R20E Section 20-1 and 4 and Section 21-2 and 3	474.0	474.0	--
Stonewood Business Park	T9N, R20E Section 28-1	18.0	18.0	--
Village of Jackson				
Cedar Creek Business Park	T10N, R19E Section 13-4 and Section 14-1	110.0	110.0	--
Jackson Northwest Business Park	T10N, R20E Section 18-1, 2, 3, and 4	290.0	210.0	80.0
Village of Kewaskum				
Trading Post Center Business Park	T12N, R19E Section 15-3	57.0	17.0	40.0
Village of Richfield				
Beechwood Industrial Park	T9N, R19E Section 24-1	44.0	44.0	--
Endeavor Industrial Park	T9N, R19E Section 1-2	133.0	20.0	113.0
Strohwig Industrial Park	T9N, R19E Section 12-2 and 3	150.0	100.0	50.0
Village of Slinger				
Industrial Site #1	T10N, R19E Section 16-3	23.0	--	23.0
Industrial Site #2	T10N, R19E Section 16-4	49.0	--	49.0
Industrial Site #3	T10N, R19E Section 6-3	13.0	--	13.0
Industrial Sites #4 and #7	T10N, R19E Section 17-4 and Section 20-1	100.0	97.5	2.5
Industrial Sites #5 and #10	T10N, R19E Section 7-4 and Section 8-3	19.0	--	19.0
Industrial Site #6	T10N, R19E Section 21-1	27.0	--	27.0
Industrial Site #8	T10N, R19E Section 18-2	16.0	--	16.0
Industrial Site #9	T10N, R19E Section 7-3 and Section 18-2	34.0	34.0	--
Town of Addison				
St. Lawrence Industrial Park	T11N, R18E Section 34-4	230.0	110.0 ^d	120.0
Town of Polk				
Helsan Business Park ^e	T10N, R19E Section 36-4	39.0	36.5	2.5
Total – 27 Sites	--	3,520.0	2,630.0	890.0

^aBusiness/Industrial Parks in Washington County were identified based on the following characteristics: the presence of a planned publicly-owned internal street system, single ownership at the time the park was created, having buildable sites, and created by plat or by certified survey map.

^bThe location represents the U.S. Public Land Survey Township, Range, and Section in which the site is located. The last number indicates the quarter section location. A “1” indicates the northeast quarter, a “2” indicates the northwest quarter, a “3” indicates the southwest quarter, and a “4” indicates the southeast quarter.

^cThe Dodge Industrial Park is partially located in that portion of the City of Hartford in Dodge County.

^dIncludes an existing extractive operation.

^eThe Helsan Business Park was annexed by the Village of Richfield in late 2008.

Source: Washington County, Local Governments, and SEWRPC.

to increase by 17,170 jobs, or by about 28 percent. Most of the job growth in the County is expected to occur in the “General” category, which includes service jobs and jobs in finance, insurance, and real estate. Retail and industrial jobs are expected to increase, while the number of transportation and utility jobs, government jobs, and agricultural and natural-resource related jobs are expected to remain the same or to decrease.

Table 70

EMPLOYMENT PROJECTIONS FOR WASHINGTON COUNTY UNDER THE REGIONAL LAND USE PLAN: 2000-2035

Industry Group	Existing Number of Jobs 2000	Projected Number of Jobs 2035	2000-2035 Number Change in Employment	2000 Percent of Total Employment	2035 Percent of Total Employment
Industrial ^a	23,999	24,062	63	38.9	30.5
Retail	10,152	12,674	2,522	16.5	16.1
General ^b	16,890	31,758	14,868	27.4	40.3
Transportation, Communications, and Utilities.....	2,313	2,186	-127	3.7	2.8
Government.....	6,018	6,018	0	9.8	7.6
Other ^c	2,319	2,163	-156	3.7	2.7
Total	61,691	78,861	17,170	100.0	100.0

^aIndustrial includes construction, manufacturing, and wholesale trade categories.

^bIncludes finance, insurance, and real estate (FIRE), and service categories.

^cIncludes agricultural, agricultural services, forestry, mining, and unclassified jobs.

Source: U.S. Bureau of Economic Analysis and SEWRPC.

The Town land use plan map designates an additional 224 acres for commercial development and 301 acres for industrial development between 2008 and 2035. Based on standards developed by SEWRPC, which were developed as part of the regional land use plan based on existing commercial and industrial development in the region, 5,141 additional jobs,¹¹ for a total of 6,136 jobs, could be accommodated in the commercial and industrial areas shown on the Town land use plan. A continuation of recent employment trends (1980 through 2005) would result in 2,299 jobs in the Town by 2035, compared to 995 jobs in the Town in 2000, or a 131 percent increase. If all of the land designated for commercial and industrial use were to be developed at the intensity observed for the Region as a whole, the number of jobs in the Town would increase by more than 500 percent, from 995 jobs in 2000 to 6,136 jobs in 2035. Such an increase is unlikely, because the lack of sanitary sewer and water services in most areas of the Town will limit the types and intensity of commercial and industrial uses. Typical industrial uses in areas without public sewer and water include warehousing, storage units, and contractors' offices and yards. A boundary or other cooperative agreement between the Town and the Village of Slinger and/or City of Hartford could result in the extension of sewer and water services to the Town, which could accommodate manufacturing and other more intensive uses in areas designated for industrial development on the land use plan map.

Based on consideration of the range of employment projections described in the preceding paragraph, the Town of Hartford selected an employment projection of 2,299 jobs in the year 2035, which reflects a continuation of recent trends.

Desired Businesses

Section 66.1001 of the *Wisconsin Statutes* requires that an assessment of categories or particular types of new businesses and industries desired by the Town of Hartford be identified in the economic development element of the comprehensive plan. This section includes a list of businesses and industries the Town would like to create, attract, retain, or expand.

The following desired business and industries were identified as part of the Washington County multi-jurisdictional comprehensive planning process and reviewed and accepted by the Town Plan Commission:

- Biomanufacturing and manufacturing of medical equipment
 - 3254, Pharmaceutical and Medicine Manufacturing
 - 3391, Medical Equipment and Supplies Manufacturing

¹¹Based on an average of 16.6 workers for each acre of retail and service development and 8.3 workers per acre of industrial development.

- Information systems, including software development and data processing
 - 5182, Data Processing, Hosting, and Related Services
 - 5112, Software Publishers
 - 5415, Computer Systems Design and Related Services
- Entrepreneurial companies and independent businesses led by visionaries that will attract venture capital to the County
 - No specific codes, would apply to virtually all
- Advanced technology manufacturing and niche manufacturing, such as plastics, military, defense, and medical industries; and manufacturing that requires high precision and low product volume
 - 326, Plastic and Rubber Products Manufacturing
 - 331, Primary Metal Manufacturing
 - 332, Fabricated Metal Product Manufacturing
 - 333, Machinery Manufacturing
 - 334, Computer and Electronic Product Manufacturing
 - 335, Electrical Equipment, Appliance, and Component Manufacturing
 - 336, Transportation Equipment Manufacturing
 - 339, Miscellaneous Manufacturing
- Financial and insurance services, including financial planning, banking, online support facilities, and processing facilities
 - 52, Finance and Insurance
- Business incubators for small businesses that may grow into larger businesses and expand
 - No specific codes, would apply to virtually all
- Small businesses and home-based businesses
 - No specific codes, would apply to virtually all
- Niche agriculture, including organic farming; food production for local restaurants, micro-breweries, and other niches; and crop production for the bio-fuel industry
 - No specific codes provided for these businesses
- Continuation of dairy farming and other existing types of agriculture
 - 11212, Dairy Cattle and Milk Production
- Professional/engineering/technical offices
 - 54, Professional, Scientific, and Technical Services
- Logistics/freight/trucking
 - 48-49, Transportation and Warehousing
 - 484, Truck Transportation
 - 482, Rail Transportation
 - 488, Support Activities for Transportation
 - 4885, Freight Transportation Arrangement
 - 493, Warehousing and Storage
- Nonmetallic mining
 - 2123, Nonmetallic Mineral Mining and Quarrying
 - 327, Nonmetallic Mineral Product Manufacturing
- Aerospace manufacturing
 - 3364, Aerospace Product and Parts Manufacturing

- Food processing
-311, Food Manufacturing
- Conservation industries
-No specific codes provided; see codes under “Advanced technology, manufacturing, and niche manufacturing” above.

Economic Development Strengths and Weaknesses

Section 66.1001 of the *Wisconsin Statutes* also requires that an assessment of strengths and weaknesses with respect to attracting and retaining businesses and industries be completed as part of the economic development element. This section includes a list of perceived strengths and weaknesses, which were identified as part of the multi-jurisdictional planning process and reviewed and accepted by the Town Plan Commission:

The Town of Hartford’s perceived strengths regarding attracting and retaining desirable businesses and industries include:

- Strong regional cooperation and promotion through the Milwaukee 7 economic development initiative
- Proximity to Moraine Park Technical College, UWWC, and Milwaukee area universities and colleges, including Milwaukee Area Technical College (MATC)
- High quality of life, including good healthcare; recreational and open space amenities; rural character; high quality public services; low crime rate; cultural opportunities; and location in the Milwaukee Metropolitan Area
- Proximity and accessibility to highway system; STH 60, STH 83, STH 175, USH 41, and USH 45, and good access to Milwaukee and Waukesha
- Educated and skilled workforce
- Good school system and youth programs
- County and local governments that are receptive to business needs
- Presence of farms
- Police, fire, and emergency services
- Consistent population growth
- Fair Park (meeting, convention, and exhibition facilities that operate year-round to showcase area businesses)
- Access to transportation and/or shipping through rail, local airports, General Mitchell International Airport, and the Port of Milwaukee

The Town of Hartford’s perceived weaknesses regarding attracting and retaining desirable businesses and industries include:

- Lack of affordable workforce housing
- Too many educated young people leaving the Town and County
- Aging of the workforce population
- Prejudice towards technical education and employment in “trade jobs”
- Lack of workers with skills suited to trade jobs and manufacturing jobs
- High land costs
- Lack of availability of business services

- Disconnect between the education system and the business sector – students are not necessarily learning the skills employers covet
- Lack of public transportation options
- Town residents may be reluctant to change and fearful of new business ideas
- “NIMBY” (Not In My Back Yard) attitude
- Lack of existing manufacturing buildings with ample electric power to run manufacturing equipment
- Lack of technical and trade programs in local high schools
- Tax base needs to be diversified with more industrial and business uses

PART 3: ECONOMIC DEVELOPMENT GOALS, OBJECTIVES, POLICIES, AND PROGRAMS

Goals:

- Preserve agricultural lands and protect farming operations.
- Provide for commercial development at select locations.
- Industrial development should be located in areas where adequate transportation facilities are available and surrounding uses are compatible.
- Allow extractive sites in areas where impacts are minimal on adjacent land uses.
- Communicate with existing local businesses and work to retain them, if possible.

Objectives:

- Allow and attract businesses that support the primary economic activities in the Town; agriculture, recreation, and residents’ needs.
- Make the Town’s vision statement, comprehensive plan, and future land use map available to developers with potential business proposals.
- Maintain the economic stability of the farming community to help preserve the rural character and open spaces of the Town.

Policies:

- Comply with policies in the Agricultural, Natural, and Cultural Resources Element (Chapter V) to protect agricultural lands.
- Comply with policies in the Agricultural, Natural, and Cultural Resources Element to accommodate nonmetallic mining (extractive) uses.
- Allow commercial and industrial development in appropriate areas as indicated on the land use plan map.
- Support economic development organizations that act to retain and create employment opportunities, including agricultural-related jobs and businesses, for residents of the Town.
- Accommodate neighborhood-scale commercial development which serves local residents and is consistent with the capacity of Town infrastructure.
- Provide for small-scale, light industrial development.
- Direct high-intensity commercial and other major development to neighboring communities where public sanitary sewer and water services are available.
- Require site plan approval for all new commercial and industrial development.

- Require buffers to help screen commercial and industrial uses from adjacent residential development.

Programs:

- Implement the programs recommended in the Agricultural, Natural, and Cultural Resources Element (Chapter V) to protect agricultural lands and to accommodate nonmetallic mining (extractive) uses.
- Identify suitable areas for commercial and industrial development on the Town land use plan map (see Map 11 in Chapter VI).
- Continue to implement the site plan review and landscaping requirements of the Town zoning ordinance for commercial and industrial uses.

Chapter XI

INTERGOVERNMENTAL COOPERATION ELEMENT

INTRODUCTION

The intergovernmental cooperation element is one of the nine elements of a comprehensive plan required by Section 66.1001 of the *Wisconsin Statutes*. Section 66.1001(2)(g) of the *Statutes* requires this element to compile goals, objectives, policies, programs, and maps for joint planning and decision making between the Town and other jurisdictions, including school districts and local governments, for the siting and building of public facilities and for sharing public services. The *Statutes* also requires this element to:

- Analyze the relationship of the Town to school districts, drainage districts, adjacent local governments, Washington County, the Region, the State, and to other governmental units (such as sanitary districts and library boards)
- Incorporate any plans or agreements to which the Town is a party under Sections 66.0301, 66.0307, or 66.0309 of the *Statutes*
- Identify existing or potential conflicts between the Town, other local governments, the County, or the regional planning commission, and to describe the processes to resolve such conflicts.

Some of the benefits of Intergovernmental Cooperation include:

- **Cost Savings**
Cooperation can save money by increasing efficiency and avoiding unnecessary duplication. Cooperation can enable some communities to provide their residents with services that would otherwise be too costly. Examples include shared library services, police and fire protection, and recycling of household hazardous waste.
- **Address Regional Issues**
By communicating and coordinating their actions, and working with County, regional, and State agencies, local communities are able to address and resolve issues which are regional in nature. Examples include the construction and maintenance of highways and planning and construction of facilities for stormwater management.
- **Early Identification of Issues**
Cooperation enables County and local governments and other agencies to identify and resolve potential conflicts at an early stage, before affected interests have established rigid positions, before the political stakes have been raised, and before issues have become conflicts or crises.

- **Reduced Litigation**
Communities that cooperate may be able to resolve issues before they become mired in litigation. Reducing the possibility of costly litigation can save a community money, as well as the disappointment and frustration of unwanted outcomes.
- **Understanding**
As communities communicate and collaborate on issues of mutual interest, they become more aware of one another's needs and priorities. They can better anticipate problems and work to avoid them.
- **Trust**
Cooperation can lead to positive experiences and results that build trust and good working relationships between communities.
- **History of Success**
When communities cooperate successfully in one area, the success creates positive feelings and an expectation that other intergovernmental issues can be resolved as well.

PART 1: ANALYSIS OF INTERGOVERNMENTAL RELATIONSHIPS

Washington County

Washington County provides a number of services to the Town and Town residents. This section briefly highlights a few of the County departments that provide services to local governments:

Planning and Parks Department

The Planning and Parks Department provides a number of services, including coordination of the multi-jurisdictional comprehensive planning process, administration of the dispute resolution process described in Part 4 of this chapter, GIS mapping services, maintenance of GIS mapping data on the County website, and administration of a bridge inspection program for the County and all local governments. The County also administers and enforces nonmetallic mining reclamation and stormwater management and erosion control ordinances for towns on request, regulations for private onsite waste treatment systems (POWTS) throughout the County; and shoreland and floodplain and land division regulations within all towns in the County. The department is also responsible for the acquisition, development, and management of County parks and trails.

Highway Department

The Washington County Highway Department constructs and maintains the County Trunk Highway system and helps maintain and plow highways under State jurisdiction, which includes State Trunk Highways and U.S. Numbered Highways (such as U.S. Highway 41). The department also provides assistance to the Town with construction and maintenance of Town roads. The department also works with the Southeastern Wisconsin Regional Planning Commission (SEWRPC) to plan and program construction and improvement projects on the County highway system, and oversees engineering and construction of improvement projects. The department also cooperates with SEWRPC, the Wisconsin Department of Transportation (WisDOT), the Federal Highway Administration, and local governments in the County to prepare, implement, and periodically update the County jurisdictional highway plan.

Sheriff's Department

The Washington County Sheriff's Department provides police protection for all towns in the County and to the Villages of Newburg and Richfield, and also provides emergency dispatch services. Service to the Town of Trenton and Village of Newburg is limited to specified periods when municipal police departments are not operating. The department maintains a DIVE team that serves all communities in the County, including the Town of Hartford.

Emergency Management Department

The Washington County Emergency Management Department prepares and updates county emergency operation plans; coordinates emergency training exercises; communicates to the public about emergency preparedness; and responds to incidents throughout Washington County, including those involving hazardous materials.

Farm Drainage Districts

Farm drainage districts are special-purpose units of government authorized under Chapter 88 of the *Wisconsin Statutes*. Farm drainage districts are formed to plan and carry out area-wide drainage improvements to correct problems of high water tables and poor drainage that interfere with agricultural uses and practices. A drainage district may lie in more than one local government and may also cross county lines. Drainage districts are governed by a three member board appointed by the County Circuit Court. The board has the authority to purchase land for the construction and maintenance of drainage systems, which may include ditches, canals, levees, reservoirs, silt basins, and pumps. Properties that benefit from the improvements fund the improvements.

There is one active drainage district in Washington County, the Hartford/Addison Drainage District located in the southern portion of the Town of Addison and the northern portion of the Town of Hartford. The portion of the district within the Town of Hartford is shown on Map 18. The district encompassed an area of 1,629 acres in 2008, with 1,051 acres located in the Town of Hartford and 578 acres located in the Town of Addison. The district, established in 1918, is governed by landowners in the district.

Wisconsin Act 121, enacted on March 20, 2008, amends Section 66.1001(2)(g) of the *Statutes* to require that the Intergovernmental Cooperation Element of the comprehensive plan analyze the relationship of the Town to any drainage districts located in the Town. The act also requires the Town notify the drainage district before taking action that would allow the development of a residential, commercial, or industrial property that would likely increase the amount of water that the main drain of the drainage district would have to accommodate. Drainage districts are required under this act to file with the Wisconsin Department of Agriculture, Trade, and Consumer Protection (DATCP); the town board or town zoning committee; the city council, plan commission, or plan committee; and the county zoning administrator in which the district is located, a separate report for the preceding year stating the practices and policies of the district.

Drainage districts must also, beginning in 2009, and every three years thereafter, provide written notice to every person who owns land in the district that such land is in the district, along with contact information for every member of the drainage board. Drainage districts are also required to annually provide contact information for every member of the drainage board to the State drainage engineer and to the clerk of every city, village, town, and county in which the drainage district is located, and also to provide the clerk of each taxation district in which the drainage district is located a list of every assessment issued by the district from November 1 of the previous year to October 31 of the current year, specifying the assessment amount for every parcel in the district.

Sanitary and Utility Districts

Sanitary and utility districts allow landowners in unincorporated areas an opportunity to form a special-purpose unit of government to provide certain urban services such as garbage removal, water supply, sewage disposal, and stormwater management. There is one sanitary district, the Hilldale Sanitary District, and one utility district, the Pike Lake Utility District, located in the Town. Both districts provide sanitary sewer service to portions of the Town and are more fully described in Chapter IX.

Inland Lake Protection and Rehabilitation Districts

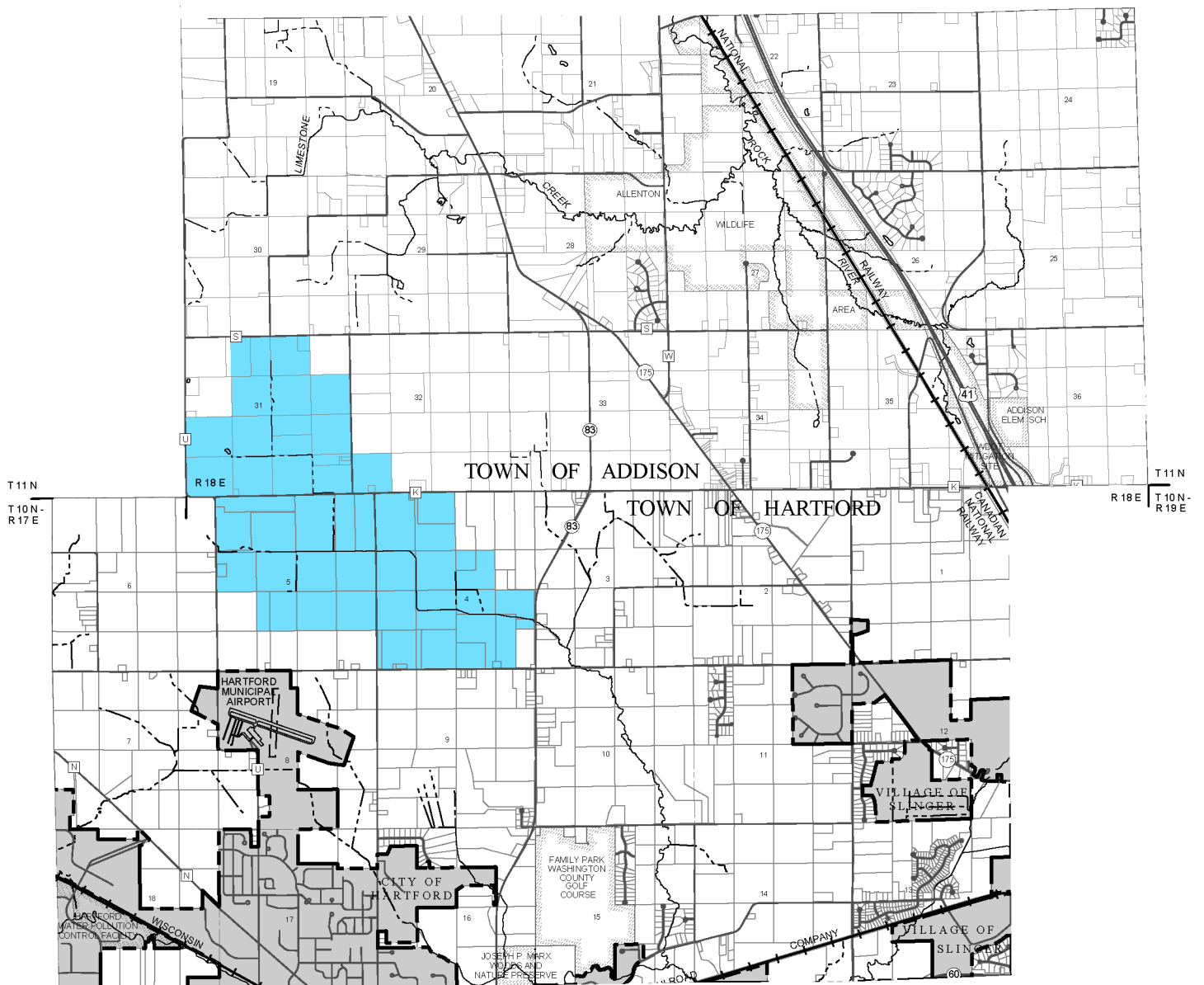
Inland lake protection and rehabilitation districts are another special-purpose unit of government, which may be created pursuant to Chapter 33 of the *Statutes*. A Lake Protection and Rehabilitation District has been formed for Pike Lake. Boundaries of the lake district are shown on Map 19.

A lake district has statutory powers to enter into contracts; to own property; to disburse money; and to bond, borrow, and levy special assessments to raise money. The more specific lake management powers include the right to:

- Study existing water quality conditions and determine the causes of existing or expected future water quality problems
- Control aquatic macrophytes, algae, and swimmer's itch
- Implement lake rehabilitation techniques, including aeration, diversion, nutrient removal or inactivation, selective discharge, dredging, sediment covering, and drawdown
- Construct and operate structures to control water levels

Map 18

HARTFORD - ADDISON DRAINAGE DISTRICT

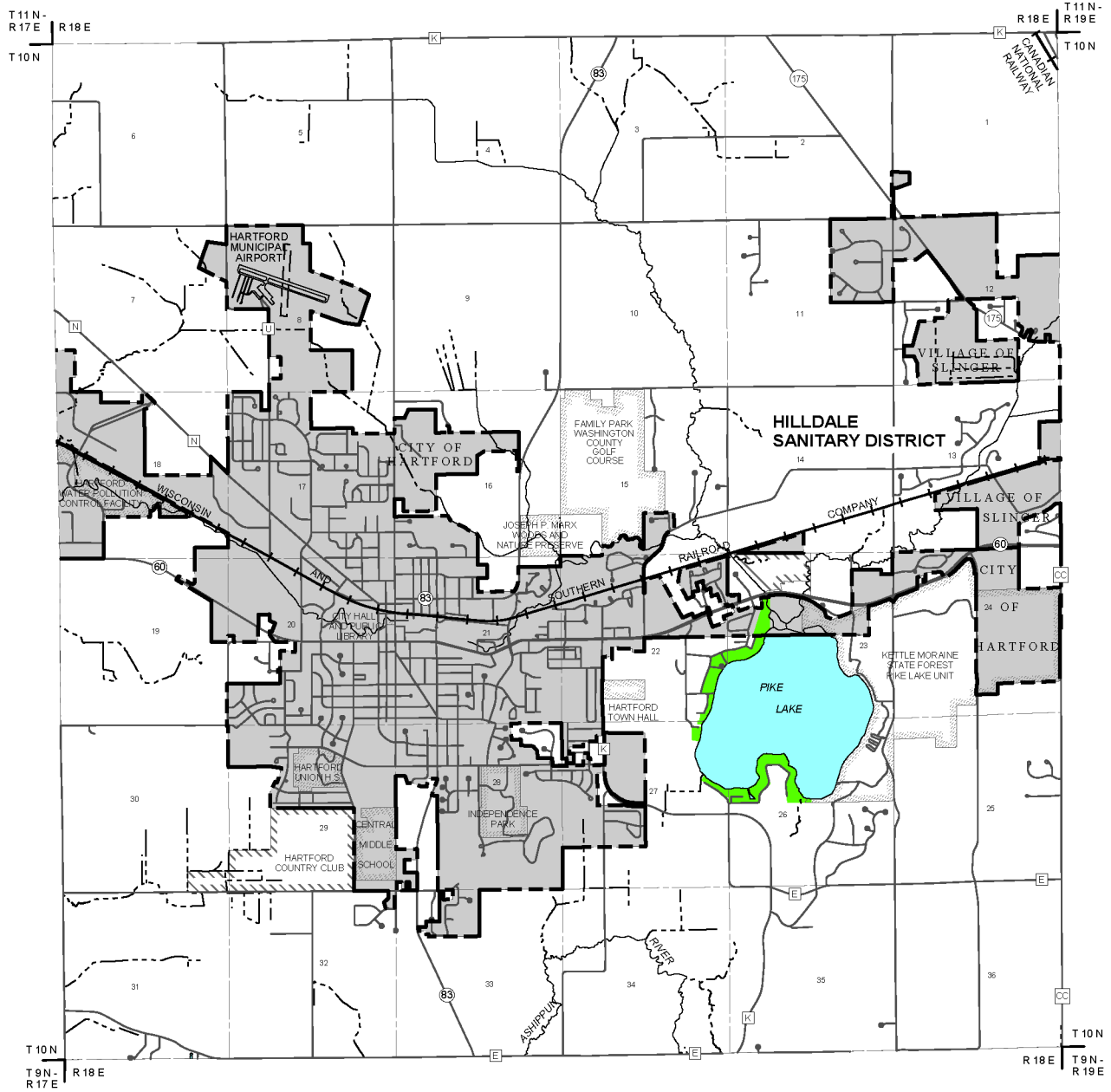


HARTFORD - ADDISON DRAINAGE DISTRICT

Source: Washington County and SEWRPC.

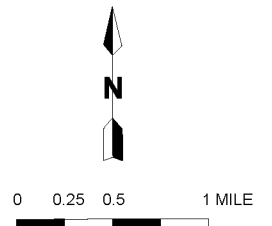
Map 19

PIKE LAKE REHABILITATION AND PROTECTION DISTRICT



 PIKE LAKE REHABILITATION AND PROTECTION DISTRICT

Source: Washington County and SEWRPC.



- Control nonpoint source pollution
- Undertake activities to control erosion

The Pike Lake district has prepared a lake management plan, which is described in Chapter II. The Town cooperates with the lake district to implement plan recommendations. The Town also cooperates with voluntary lake improvement associations (Pike Lake Protection and Rehabilitation Association and Pike Lake Advancement Association), and operates a lake patrol to enforce the Town lake use ordinance.

An advisory committee comprised of representatives of the City and Town of Hartford, the Village of Slinger, Washington County, the U.S. Geological Survey, Wisconsin Department of Natural Resources (DNR), SEWRPC, and local landowners was formed to oversee development of the lake management plan. The lake management plan recommends that the advisory committee be maintained to discuss issues relating to the total drainage area tributary to Pike Lake, and as an appropriate intergovernmental organization for soliciting and exchanging information on issues relevant to the Pike Lake watershed.

School Districts

The Town of Hartford lies within the Rubicon J6, Hartford J1, and Slinger elementary school districts, and the Hartford and Slinger high school districts. Public and private schools and public school districts in the Town are shown on Map 17 in Chapter IX. Chapter IX also describes facilities planning by school districts to determine and provide for future needs. There are no schools located in the Town.

School districts should work with the Town when proposing to construct new facilities or additions to existing facilities, or when proposing to abandon a school district facility. Schools and other district facilities are subject to Town zoning regulations. Washington County or SEWRPC can assist school districts and UW-Washington County, if requested, by providing information on projected population levels to assist in facilities planning, and by offering comments on proposed school locations. Washington County regulations that affect the location of schools include the shoreland and floodplain zoning ordinance and sanitary regulations.

Libraries

Washington County is served by five public libraries, which are part of the Mid-Wisconsin Federated Library System.¹ The Town of Hartford does not have a public library. The closest library is the Hartford Public Library in the City of Hartford. Washington County contracts with each library to provide library services to County residents living in communities without a municipal library, such as the Town of Hartford.

Adjacent Local Governments

The Town has a 20-year boundary agreement with the City of Hartford, Village of Richfield, and Town of Erin, which is described in Part 2. The Town has an agreement with the City of Hartford for fire protection services for a large portion of the Town and an agreement for sewage collection and treatment for the Pike Lake Utility District. The Town has an agreement with the Village of Slinger for sewage collection and treatment for the Hilldale Sanitary District. The Town has agreements with the Town of Erin for a joint recycling drop-off site and maintenance of roads on the south Town line that are not under County or State jurisdiction.

Regional Organizations

SEWRPC

Washington County and local governments in the County are served by the Southeastern Wisconsin Regional Planning Commission (SEWRPC). Washington County contracted with SEWRPC to assist the County and 11 participating local governments to help prepare the County and local comprehensive plans. SEWRPC helped the Town prepare this comprehensive plan as part of that multi-jurisdictional planning process.

¹The Mid-Wisconsin Federated Library System includes 27 public libraries located in Washington, Dodge, and Jefferson Counties.

SEWRPC also prepares a regional land use plan, which includes population, employment, and household projections to assist in local and county planning efforts, and is the federally-designated transportation planning and programming agency for the seven-county region.² SEWRPC is also the regional water quality management agency for the region, and is involved in many other aspects of land use planning and development, including the County jurisdictional highway system plan, the regional water supply plan, and the regional telecommunications plan.

Milwaukee 7

The Milwaukee 7 is a council of representatives from the seven Southeastern Wisconsin counties (same seven counties within the SEWRPC area). The council, made up of about 35 civic and business leaders, was formed with the idea that a regional approach is key to fostering economic growth. Additional information about the Milwaukee 7 is provided in Appendix E.

State of Wisconsin

Wisconsin Department of Transportation (WisDOT)

In partnership with local governments, the County, and SEWRPC, WisDOT administers a variety of State and Federal programs to complete projects that enhance the transportation network within Washington County and the Town. Grant programs include the Surface Transportation Program, Congestion Mitigation and Air Quality, Local Transportation Enhancements, and a number of other programs that collectively provide funding for streets and highways, transit, bicycle and pedestrian improvements, and funding for railroad improvements.

WisDOT also administers the General Transportation Aids program, which returns a portion of the money collected through fuel taxes and vehicle registration fees to County and local governments to help offset County and local road construction and maintenance costs. WisDOT maintains the Wisconsin Information System for Local Roads (WISLR), which is an extensive map-based database, accessible to local and County officials and staff, of road conditions such as right-of-way and pavement width, shoulder width, number of driving and parking lanes, pavement condition, and other information.

Wisconsin Department of Natural Resources (DNR)

The Wisconsin Department of Natural Resources (DNR) is dedicated to the preservation, protection, effective management, and maintenance of Wisconsin's natural resources. It is responsible for implementing the laws of the State and, in some cases, the laws of the Federal government that protect and enhance the natural resources of the State, including wetlands, shorelands, floodplains, woodlands, and water quality. The DNR is charged with coordinating the many disciplines and programs necessary to provide a clean environment and a full range of outdoor recreational opportunities.

The DNR makes grants available to County and local units of government for park acquisition and development. A County or local government must prepare and adopt a park plan to be eligible to receive recreational grant funds from the DNR. The Town has not yet adopted such a plan.

The DNR is also working with the Federal Emergency Management Agency (FEMA) and Washington County to update floodplain mapping within the County. The floodplain update is expected to be completed in 2009. Floodplains within the Town are regulated by the Washington County Shoreland, Wetland, and Floodplain Zoning Ordinance (Chapter 23 of the *Washington County Code of Ordinances*).

Department of Commerce

The Wisconsin Department of Commerce administers regulations for POWTS in the State of Wisconsin. The Washington County Planning and Parks Department works closely with the Department of Commerce to implement the regulations. The Planning and Parks Department enforces POWTS regulations in all local governments in the County, including the Town.

²The seven Counties in the SEWRPC region are Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha.

PART 2: EXAMPLES OF EXISTING SERVICE AND OTHER AGREEMENTS IN THE TOWN OF HARTFORD

The *Statutes* require that this element incorporate any plans or agreements to which the Town is a party under the following:

- **Section 66.0301 – Intergovernmental Cooperation:** This section of the *Statutes* authorizes cooperation between local, County, and State government agencies and/or special purpose units of government for the receipt or furnishing of services or for the joint exercise of powers or duties required or authorized by law. The agreement is a contract between the cooperating entities and specifies the responsibilities of each, and the time period for which the contract is in effect. This *Statute* may also be used for boundary agreements between communities. The parties either commit to maintain existing boundaries or to allow the city or village to grow to the boundary specified in the agreement.

The Town of Hartford is a party to the following intergovernmental agreements:

- An intergovernmental agreement among Washington County, SEWRPC, and the Town for development of the County and Town comprehensive plans.
 - Intergovernmental agreements between the Town and Washington County for administration of the County's erosion control and stormwater management ordinance.
 - Service agreements with the Town of Erin for a joint recycling drop-off site and maintenance of roads on the south Town line that are not under County or State jurisdiction.
 - Service agreements with the City of Hartford for fire protection and for sewage treatment and disposal for the Pike Lake Utility District.
 - A service agreement with the Village of Slinger for sewage treatment and disposal for the Hilldale Sanitary District.
- **Section 66.0307 – Boundary Change Pursuant to Approved Cooperative Plan:** A cooperative plan may change boundaries between local governments. The cooperative plan must be approved by the Wisconsin Department of Administration (DOA). The plan may establish ultimate city or village boundaries, zoning for the areas included in the agreement, and provide for revenue sharing. The major difference between a boundary agreement established under Section 66.0301 and one established under Section 66.0307 is that the latter supercedes the annexation *Statute* for attachment and/or detachment of property from one local government to another, provided the attachment or detachment is called for by the agreement. The Town of Hartford is not a party to any agreements established under Section 66.0307.
 - **Section 66.0225 – Stipulated Boundary Agreement in Contested Boundary Actions:** Boundary agreements may also be established by a judicial order as part of a settlement of annexation litigation between a town and adjacent city or village. Boundaries are determined by mutual agreement of the parties. The Town of Hartford is party to a boundary agreement under Section 66.0225 with the City of Hartford, Village of Richfield, and Town of Erin. The term of the agreement, which was signed on January 18, 2007, is 20 years. As part of the agreement, Richfield agreed not to accept any annexations from the Town of Hartford following the Town's incorporation as a Village. Richfield incorporated as a Village on February 13, 2008.
 - **Section 66.0309 – Creation, Organization, Powers, and Duties of Regional Planning Commissions:** This section of the *Statutes* authorizes the Governor to establish regional planning commissions in response to petitions from County and local governments. A regional planning commission is charged by the *Statutes* to prepare and adopt a master plan for development of the region. Washington County and the Town of Hartford are part of the SEWRPC region, which serves the seven counties and 147 cities, towns, and villages in the southeastern corner of Wisconsin. SEWRPC was established by then-Governor Gaylord Nelson in 1960 and is governed by a 21-member Commission. Chapter II includes a summary of recent plans conducted by SEWRPC that affect the Town. SEWRPC also assisted the County in the preparation of this comprehensive plan.

PART 3: MULTI-JURISDICTIONAL COMPREHENSIVE PLANNING PROCESS

This Town comprehensive plan was prepared as part of the Washington County multi-jurisdictional comprehensive planning process. As part of that process, comprehensive plans to meet the requirements of the Wisconsin comprehensive planning law (Section 66.1001 of the *Statutes*) were prepared for the County, the Town of Hartford, and nine other towns and one village in Washington County.

Inclusion of City, Town, and Village Plans in the County Plan

Section 59.69(3)(b) of the *Wisconsin Statutes* explicitly requires that a county development (comprehensive) plan include, without change, the master (comprehensive) plan of a city or village adopted under Section 62.23(2) or (3), and the official map adopted by a city or village under Section 62.23(6) of the *Statutes*. Section 59.69(3)(e) of the *Statutes* further provides that a master plan or official map adopted by a city or village under Section 62.23 “shall control” in unincorporated areas of a county; however, Section 59.69(3)(e) does not specifically require that city and village plans for their extraterritorial areas be included in the County comprehensive plan. There is no Statute requiring a county to incorporate town plans into the county comprehensive plan. In addition, the comprehensive planning law did not alter any existing town, village, city, or county authorities or responsibilities with regard to planning, zoning, plat approval, extraterritorial authorities, annexations, or any other *Statutes* or regulations that affect land use in Wisconsin. There has been no apparent attempt by the proponents of the comprehensive planning law or any State officials or agencies to address the many ambiguities between the comprehensive planning law and pre-existing *Statutes*.

The *Statutes* provide clear guidance that a county plan need not include city and village plans for extraterritorial areas where a county has established a regional planning department. In that case, Section 62.23(2) provides “that in any county where a regional planning department has been established, areas outside the boundaries of a city may not be included in the (city) master plan without the consent of the county board of supervisors.” The County Attorney has determined that the Washington County Planning and Parks Department is a “regional planning department.” Based on that determination, the County land use plan map does not include city and village land use plan designations for areas outside city or village boundaries. The only exception is areas identified in the boundary agreement between the Town of West Bend and City of West Bend as areas that will be annexed over time into the City. Land use designations from the City of West Bend land use plan map are included on the County plan map for those areas.

On August 10, 2004, the Washington County Board of Supervisors adopted 2004 Resolution 35, which established criteria regarding the incorporation of town land use plans into the County land use element, including the land use plan map, of the Washington County comprehensive plan. The resolution states that the County will accept a Town land use plan if the plan is in “substantial agreement” with the objectives, principles, and standards of the regional land use plan prepared and adopted by SEWRPC. The Planning, Conservation, and Parks Committee (PCPC) of the County Board was assigned the responsibility for determining if each town plan was in substantial agreement with the regional land use plan, based on a recommendation from SEWRPC. In order to be in substantial agreement with the regional land use plan, each Town land use plan map was reviewed to determine if it met the following key recommendations of the regional plan:

- Primary environmental corridors should be preserved in accordance with the guidelines set forth in the regional plan (see Table 25 in Chapter V). The regional plan recommends the preservation of primary environmental corridors throughout the seven-county region. The regional plan recommends that county and local governments consider protecting secondary environmental corridors and isolated natural resource areas as well, exercising the discretion of the county or local governing body in so doing. The Town of Hartford has identified primary and secondary environmental corridors on the Town land use plan map (Map 11 in Chapter VI). The Agricultural, Natural, and Cultural Resources Element and the Land Use Element (Chapters V and VI, respectively) set forth measures to protect natural resources within environmental corridors.
- Urban-density development should occur within and adjacent to the urban service areas identified in the regional plan. Urban development proposed within one-half mile of a planned sewer service area was

considered to be in substantial agreement with the regional plan. This flexibility is consistent with a recognition in the regional plan that sewer service areas may be adjusted from time-to-time to meet urban land market and other conditions.

- Development outside planned urban service areas should be limited to agricultural uses, rural residential uses at a density of no more than one home per five acres, and limited areas of highway-related services and commercial and industrial development to serve farmers, rural residents, and the traveling public. A town plan was considered to be in substantial agreement with the regional land use plan if the average proposed residential density of the town outside the expanded urban service area was no more than one home per five acres, or if no more than about 20 percent of the town outside the expanded urban service area is proposed to be developed for urban uses. The “expanded urban service area” refers to the planned sewer service area plus a one-half mile buffer.

The regional land use plan also recommends the preservation of prime agricultural lands outside planned urban service areas. The regional plan recommends that each county, in cooperation with local units of government, carry out planning programs to identify prime agricultural land. The regional plan holds out the preservation of the most productive soils—soils in U.S. Natural Resources Conservation Service Agricultural Capability Class I and Class II—as a key consideration in efforts to identify prime farmland, recognizing, however, that other factors, such as farm size and the overall size of the farming area, should also be considered. Most county planning in this regard was carried out more than 20 years ago and needs to be reviewed and updated. Washington County staff has recommended that the County Farmland Preservation Plan, which was adopted in 1981, be updated following adoption of the County comprehensive plan. Until that update is completed, town plans were considered to be in substantial agreement with the regional plan if they met the three criteria listed above.

The Town of Hartford plan was found to be in substantial agreement with the regional land use plan, and was therefore incorporated into the County land use plan map. The Washington County Board of Supervisors adopted the Washington County Comprehensive Plan on April 15, 2008.³

PART 4: INTERGOVERNMENTAL CONFLICTS AND DISPUTE RESOLUTION

Dispute Resolution Process⁴

Section 66.1001(2)(g) of the *Wisconsin Statutes* requires that the Intergovernmental Cooperation Element identify existing or potential conflicts between the Town and other governmental units, including school districts, and describe processes to resolve such conflicts.

A dispute resolution process was developed as part of the Washington County multi-jurisdictional comprehensive planning process. This process is intended to provide an alternative way of resolving disputes between adjacent local governments, or local governments and the County, that arise from implementation of adopted comprehensive plans. The dispute resolution process is a **voluntary** process administered by the Washington County Planning and Parks Department.

Washington County encourages towns, villages, and cities to coordinate with each other and the County on planning efforts. The intergovernmental cooperation element is intended to avoid and minimize potential

³*Documented in SEWRPC Community Assistance Planning Report No. 287, A Multi-Jurisdictional Comprehensive Plan for Washington County: 2035 (publication pending).*

⁴*Sources for this section include the publications Intergovernmental Cooperation, A Guide to Preparing the Intergovernmental Cooperation Element of a Local Comprehensive Plan, prepared by the Wisconsin Department of Administration, and Practices and Procedures for Dispute Review Boards, Dispute Resolution Boards, and Dispute Adjudication Boards, prepared by the Dispute Resolution Board Foundation.*

conflicts, but nevertheless, conflicts will continue to occur at the local and County levels. There are several techniques available for dispute resolution. Dispute resolution techniques can be broken into the following two categories:

- Alternative dispute resolution techniques such as negotiation and mediation.
- Judicial and quasi-judicial dispute resolution techniques such as litigation and arbitration.

In the event that a conflict does occur, utilization of an alternative dispute resolution process will be encouraged in an effort to avoid costly and lengthy litigation.

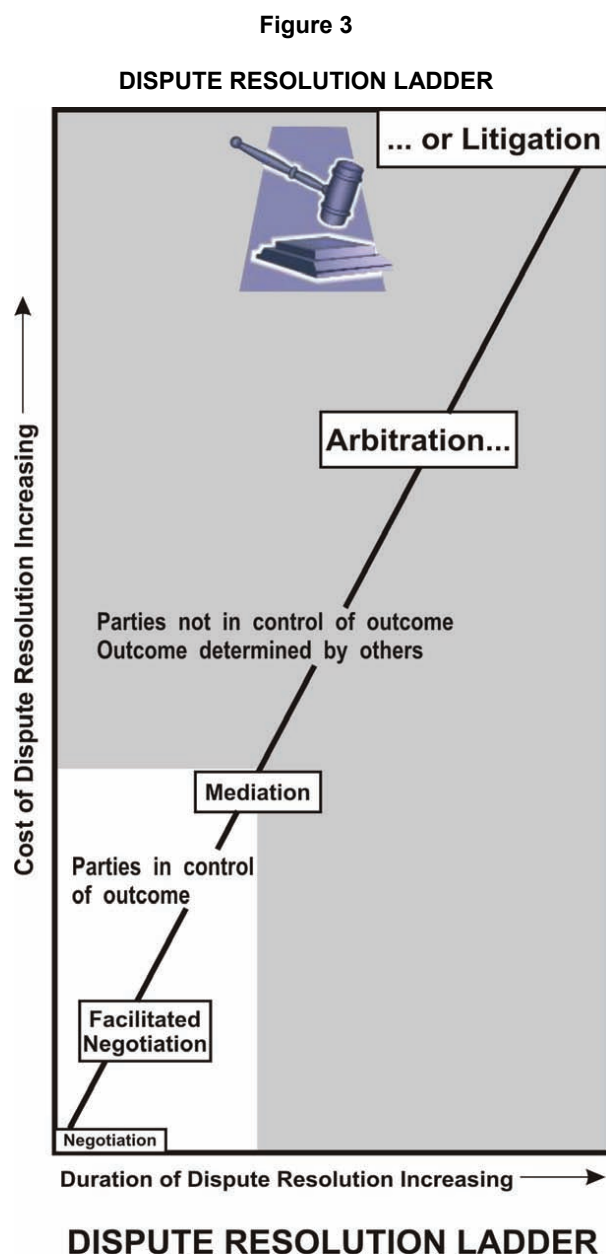
The alternative dispute resolution process is intended to provide a low-cost, flexible approach to resolving disputes between governmental entities arising from the adoption of the comprehensive plan. This process works to resolve actual and potential conflicts between governmental entities through open dialog and cooperative initiatives and is not intended to be used by parties dissatisfied with the appropriate application of local rules and regulations within a County or local government.

The principal benefits of government entities utilizing an alternative dispute resolution process to resolve conflicts include:

- Saving time and legal expenses
- Having greater control over the dispute resolution process
- Resolving conflicts in a more creative way than might be possible if it were left to a decision by a judge or jury
- Greater privacy in resolving disputes than is afforded in a courtroom
- Responding to conflict in a rational and courteous manner can increase communication, foster positive intergovernmental relationships, provide an opportunity for learning, and broaden perspectives and solutions.

The dispute resolution process involves multiple stages if a conflict is not immediately resolved. The process begins with alternative dispute resolution techniques, including informal negotiations among and between the disputing parties. If these efforts are unsuccessful, facilitated negotiation utilizing the Washington County Multi-jurisdictional Dispute Resolution Panel may be used, followed by mediation. Arbitration and litigation, more traditional dispute resolution techniques, are the remaining stages and tend to be slower and more costly than the foregoing stages. See Figure 3 for an illustration of dispute resolution stages.

Additional information regarding the dispute resolution process is available from the Washington County Planning and Parks Department.



Source: *The Dispute Resolution Board Foundation and Washington County.*

Negotiation

The first stage of the dispute resolution process is negotiation. Negotiation is a process involving an exchange of offers and counteroffers by the parties or a discussion of the strengths and weaknesses or the merits of the parties' positions without the assistance of an impartial third party. Negotiation can be conducted directly between the parties.

There are two basic elements involved with negotiation: the process and the substance. The process refers to how the parties negotiate: the context of the negotiations, the parties to the negotiations, the relationships among these parties, the communication between these parties, the tactics used by the parties, and the sequence and stages in which all of these play out. The substance refers to the subject matter of the issue in dispute or the agenda, the issues, the options, and the agreement(s) reached at the end.

Facilitated Negotiation – Washington County Multi-jurisdictional Dispute Resolution Panel

At the request of local governments, the Washington County Board of Supervisors adopted 2004 Resolution 35 on August 10, 2004, which provided for the establishment of a fair and just quasi-judicial, multi-jurisdictional dispute resolution forum to resolve multi-jurisdictional conflicts regarding adopted comprehensive plans. Interested County and local governments would enter into an appropriate intergovernmental agreement to voluntarily participate in this dispute resolution process in an effort to reduce or avoid expenditures of valuable taxpayer dollars.

In 2007, a Dispute Resolution Forum Subcommittee (DRFS) was formed by the Multi-Jurisdictional Advisory Committee to develop the procedures and bylaws for the Multi-jurisdictional Dispute Resolution Panel. At this stage of dispute resolution, the DRFS concluded that if negotiation was unsuccessful, the disputing parties would have an opportunity to voluntarily present the disputed issue to a six-member panel of appointed or elected officials from other County or local governments. The Panel would engage the parties in a discussion and negotiation of the dispute openly in an effort to reach a mutually agreeable solution. The DRFS named this stage "facilitated negotiation" to clearly differentiate it from the negotiation and mediation stages. The bylaws governing the Washington County Multi-jurisdictional Dispute Resolution Panel are included in Appendix F.

Mediation

If facilitated negotiation is unsuccessful, the disputing parties can enter the mediation stage. During mediation, the disputing parties meet in a "mediation session" to discuss ways to resolve their dispute, assisted by an impartial third party called a mediator. The mediator listens to each party's side of the dispute and then helps them to communicate with each other to identify the issues that need to be decided and to reach a settlement that is satisfactory to each of them. Mediation is a confidential process. Statements made during a mediation session generally are not allowed to be revealed in any later court proceeding between the parties.

Although participating in mediation is voluntary, if a settlement results, it may be binding on all parties. Mediators are expected to be impartial and should neither advise the parties, who often are represented by their own lawyers, nor make any decision for them. Individuals who serve as mediators may or may not be lawyers, but may be specially trained to provide assistance in resolving disputes. Mediation can be structured to meet the needs of a specific dispute.

Arbitration

If the dispute is not resolved after the mediation stage, the arbitration process is available for the disputing parties. Arbitration is the stage most closely related to a lawsuit. In arbitration, a neutral decision maker, known as an "arbitrator," is selected by the parties or by a neutral dispute resolution service provider. Sometimes arbitration takes place with a panel of three arbitrators, rather than a single arbitrator. Evidence is presented to the arbitrator(s) at a formal hearing similar to the presentation of evidence in a lawsuit, although the rules that apply in court are somewhat relaxed during arbitration. Parties in arbitration may be represented by lawyers, who present evidence and legal arguments to the arbitrator(s) on behalf of their clients. The arbitrator(s) then make a decision, most often called an "award". An arbitration award generally is a final decision, subject only to limited review by a court as allowed by law.

Litigation

In the event that a dispute is not resolved to the satisfaction of the parties involved, legal action can be pursued. Litigation is the final stage in which a dispute can be resolved. This is typically the slowest and most costly form of resolving disputes. This stage includes the dispute being heard and decided by a judge or jury in a court. Results of this stage are fully binding, although there are appeal rights that may be pursued. Any party wishing to pursue legal action against the other party should bring such action to the Circuit Court of Washington County, State of Wisconsin.

Intergovernmental Conflicts

The potential for land use conflicts is greatest in city and village planning areas that overlap with the towns. In accordance with Section 62.23 of the *Statutes*, a city or village planning area can include areas outside its corporate limits, including any unincorporated land outside of the city or village boundaries that, in the plan commission's judgment, relates to the development of the city or village. Potential land use conflicts can arise in these areas because they may be planned for in both the town comprehensive plan and the city or village comprehensive plan, with different or conflicting land uses recommended by each plan.

In cases where a conflict exists between a city or village plan and a town plan, there is also a conflict between the city or village plan and the county land use plan, since the county land use plan included town land use plan recommendations for areas outside city and village limits. The Village of Slinger has included the northeastern part of the Town on the land use plan map in the Village comprehensive plan. Town officials reviewed the Village plan as they were developing the Town land use plan map, and designated similar planned land uses (Business/Industrial Park) in Section 1. Approximately 300 additional acres in Sections 2 and 11 are designated for residential development in the Village plan and exclusive agriculture in the Town plan. The City of Hartford has not yet completed its comprehensive plan.

The Town of Hartford seeks to maintain its present boundaries with respect to the potential expansion of neighboring municipalities. The Town does not support the annexation of its lands outside of those agreed upon between the Town of Hartford and the City of Hartford detailed in the City's Neighborhood Plans.

Maps 14 and 15 in Chapter VIII summarize the recommendations of the Washington County Jurisdictional Highway System Plan. Local government concerns are noted on the maps. As noted on those maps, the Town of Hartford is opposed to the planned east-west arterial route along Arthur Road in the northern portion of the Town and the City of Hartford.

The dispute resolution process established as part of this comprehensive planning process can be used to resolve conflicts between the comprehensive plans adopted by adjacent local governments, and conflicts between local governments and Washington County, if conflicts cannot be resolved using more informal means. Boundary agreements between towns and the adjacent city and village offer another means of resolving conflicts between local governments, particularly when disputes are based on conflicting recommendations for future land uses or residential densities within a city or village's extraterritorial area and/or sewer service area.

There are no known or anticipated conflicts between the Town and the Hartford J1, Rubicon J6, Hartford Union High School, and Slinger School Districts serving the Town.

PART 5: INTERGOVERNMENTAL COOPERATION GOALS, OBJECTIVES, POLICIES, AND PROGRAMS

Goals:

- Establish and/or continue cooperative planning with surrounding communities.
- Coordinate with special-purpose districts (school, drainage, sanitary, utility, and lake districts) as they plan and locate facilities.

Objectives:

- Encourage shared services with neighboring communities.
- Recognize the need to cooperate with entities sharing legal jurisdiction in the Town, such as the State and County agencies and special-purpose districts.
- Encourage intergovernmental cooperation when selecting sites for locating public facilities such as schools, fire stations, and libraries.
- Provide land use-related information to help school and other special-purpose districts plan for the future.

Policies:

- Work with other units and agencies of government and private entities, where appropriate, to construct and/or operate community facilities in a cost-effective and efficient way through joint service agreements.
- Support the continued operation of drainage districts in the Town for farmland drainage.
- Participate in the Washington County Multi-Jurisdictional Dispute Resolution Panel.
- The Town supports cooperative planning with the City of Hartford and the Village of Slinger to assure that growth is orderly and land conserving.
- The Town supports the extension of sewer service, as needed, to existing residences without requiring annexation.
- Work with the Hartford J1, Rubicon J6, Hartford Union High School, and Slinger school districts, if requested, to provide information regarding proposed residential developments to help the districts prepare accurate facilities plans. Public and private schools and school districts are shown on Map 17 in Chapter IX.
- Work with the City of Hartford and Village of Slinger to provide for sanitary sewer needs within the Town.

Programs:

- Initiate contacts with Washington County and adjacent communities prior to constructing new public facilities or initiating or expanding Town services to determine if there are opportunities for joint facilities or services.
- Cooperate with Washington County and adjacent communities when approached to consider joint service agreements or facilities.
- Work with Washington County to complete the procedure necessary for Town participation in the Washington County Multi-Jurisdictional Dispute Resolution Panel.
- Continue joint planning efforts with the City of Hartford.
- Continue joint planning efforts with the Village of Slinger.
- Coordinate planning of the St. Lawrence area and the CTH K corridor with the Town of Addison.
- Work with school district officials, on request, to explain the type of permits required from the Town before selecting and buying a site; the recommendations of the Town land use plan map; and other information that would assist the districts in planning for future school facilities.

Chapter XII

IMPLEMENTATION ELEMENT

INTRODUCTION

The implementation element is the last of the nine elements of a comprehensive plan required by Section 66.1001 of the *Wisconsin Statutes*. Section 66.1001(2)(i) of the *Statutes* requires this element to include a compilation of programs, in a specified sequence, to implement the recommendations set forth in the preceding eight elements. The *Statutes* also requires this element to:

- Identify proposed changes to applicable zoning ordinances, subdivision ordinances, and official maps.
- Describe how each of the other eight elements of the comprehensive plan will be integrated and made consistent with other elements of the plan.
- Include a mechanism to measure the Town's progress towards achieving the recommendations of the plan.
- Include a process for amending and updating the plan. The *Statutes* require that a comprehensive plan be updated no less than once every 10 years.

Section 66.1001(4) of the *Statutes* sets forth the required procedure for adoption or amendment of a comprehensive plan, which includes:

- Adoption of a written public participation plan designed to foster public participation in the development of a comprehensive plan or a plan amendment.
- Approval of a recommended plan by a resolution approved by a majority of the full membership of the plan commission.
- Distribution of the draft plan for review and comment to¹:
 - Every governmental body located in whole or in part within the Town.
 - The clerk of each adjacent local government and the Washington County Clerk.
 - The Wisconsin Department of Administration (DOA).
 - The Southeastern Wisconsin Regional Planning Commission (SEWRPC).
 - The public library serving the Town (the Hartford Public Library).

¹The Wisconsin Department of Administration (DOA) has stated that both draft and adopted plan reports may be distributed in digital format, provided a paper copy of the report is available for review at the public library and at the Town Hall.

The parties listed above must also be provided with a copy of the adopted comprehensive plan and the adopting ordinance.

- Adoption of the plan by an ordinance adopted by a majority of the full membership of the Town Board. Adoption of the plan by the Town Board must be preceded by at least one public hearing. A Class 1 notice of the hearing must be published at least 30 days before the hearing. Written notice must also be provided to persons who have applied for or been issued a permit for a nonmetallic mining reclamation plan, registered a nonmetallic mining site under Chapter NR 135 of the *Wisconsin Administrative Code*, or to owners or leaseholders of lands with nonmetallic resources who have requested notice of the hearing in writing, and to property owners that have filed a request for written notice under Section 66.1001(6) of the *Statutes*.

PLAN REVIEW AND ADOPTION

For any planning process, it is good practice to hold public informational meetings and hearings on recommended plans before their adoption. Such actions provide an additional opportunity to acquaint residents and landowners with the recommended plan and to solicit public reactions to plan recommendations. The plan should then be modified to reflect any pertinent new information and to incorporate any sound and desirable new ideas advanced at these meetings. Accordingly, a public open house for the Town comprehensive plan was held on December 3, 2008. A public hearing was held by the Town Board on February 16, 2009. The Town provided public notice of the hearing before the Town Board in accordance with the requirements of the comprehensive planning law, and distributed the draft plan report to all of the parties specified in the law. The Plan Commission approved the plan on April 1, 2009. The Plan Commission resolution approving the comprehensive plan and recommending adoption of the plan by the Town Board is included in Appendix G.

An important step in plan implementation is the formal adoption of the recommended plan by the Town Board. Upon such adoption, the plan becomes the official guide to be used by Town officials in making development or redevelopment decisions. The plan should serve as the basis on which all development proposals, such as rezoning requests, subdivision plats, and certified survey maps, are reviewed. As required by Section 66.1001(3) of the *Statutes*, only those zoning actions or land divisions that are consistent with the plan should be approved. The Hartford Town Board adopted this comprehensive plan on April 13, 2009. A copy of the adopting ordinance is included in Appendix H.

A public participation plan for development of this comprehensive plan was prepared in 2004, and adopted by the Town Board on September 13, 2004 (see Appendix B).

PLAN AMENDMENTS AND UPDATES

This comprehensive plan should be reviewed periodically to ensure that the land use plan map and plan categories, the goals, objectives, policies and programs, and other plan information reflects current conditions, and that the plan is achieving its intended goals. If it is determined that plan text, maps, or other features of the plan are not satisfactory, a plan amendment may be necessary.

Text Amendments

Text amendments to plan recommendations may consist of changing a goal, objective, policy, or program included in one of the plan element chapters, or adding or deleting a goal, objective, policy, or program. Changing the uses allowed in a category shown on the land use plan map, or adding new land use plan categories, would also be a change to plan recommendations.

The plan could also be amended to change the population projections or other assumptions used as a basis for the plan, or to update inventory information to reflect more current data. For example, more current population and employment data will be available once the results of the 2010 Census are released. Once that information is available, the Town may wish to re-evaluate the population projection used to prepare this plan.

Map Amendments

The land use plan map (Map 11) may be amended to add, delete, or change the boundaries of land use plan categories. The initial plan map represents a starting point to guide growth and development in the Town according to the goals, objectives, policies, programs, and overall vision documented in the plan. Town officials should use the vision, goals, objectives, policies, and programs as a basis for amending the land use plan map.

Amendment Procedures

The purpose of this plan is to bring and provide predictability to land use decisions; that is, predictability from one decision to the next and from one Town Board to the next, based on the policies and programs set forth in the plan. For this reason, amendments should be carefully considered and have thorough public comment. Indeed, the comprehensive planning law requires that any plan amendment follow the same procedure as that used for the adoption of this plan, including adoption of a public participation plan, a public hearing, approval of the plan amendment by a resolution of the Plan Commission, adoption of the amendment by an ordinance of the Town Board, and distribution of the plan amendment to the parties listed in Section 66.1001(4) of the *Statutes* (see Appendix I). The Town may consider adopting an “umbrella” public participation plan to be used for all plan amendments.

Proposed amendments will be considered as needed. The Town Board, upon recommendation of the Town Plan Commission, may consider (but is not obligated to approve) amendments to this plan. The Town Plan Commission and the Town Board will consider the following questions when considering approval of a plan amendment:

- Is the proposed amendment consistent with the vision, goals, objectives, policies, and programs of this plan?
- Will the proposed amendment benefit the Town as a whole?
- Will the proposed amendment lead to any detrimental environmental effects?
- Is the proposed amendment compatible with surrounding land uses?
- Will the proposed amendment lead to development that will require additional public services and costs?
- Will the proposed amendment limit future land use options and opportunities?

CONSISTENCY BETWEEN THE COMPREHENSIVE PLAN AND TOWN ORDINANCES

Section 66.1001(3) of the *Statutes* requires that the following ordinances be consistent with a unit of government’s comprehensive plan by January 1, 2010:

- Official mapping established or amended under Section 62.23(6) of the *Statutes*.
- County or local subdivision regulations under Section 236.45 or 236.46 of the *Statutes*.
- County zoning ordinances enacted or amended under Section 59.69 of the *Statutes*.
- City or village zoning ordinances enacted or amended under Section 62.23(7) of the *Statutes*.
- Town zoning ordinances enacted or amended under Section 60.61 or 60.62 of the *Statutes*.
- Zoning of shorelands or wetlands in shorelands under Section 59.692 (for counties), 61.351 (for villages), or 62.231 (for cities) of the *Statutes* (shorelands in the Town of Hartford are regulated under the Washington County Shoreland, Wetland, and Floodplain Zoning Ordinance).

Beginning on January 1, 2010, the Town will need to use this comprehensive plan as a guide to be sure that implementation of the Town zoning and subdivision² ordinances will not conflict with the recommendations of the plan. If a conflict is found or would result from a proposed action, the Town has the option of amending the comprehensive plan; however, plan amendments should follow the guidelines presented in this chapter and not be made arbitrarily.

²The Town of Hartford subdivision ordinance consists of the “Ordinance Regulating Minor Land Divisions” and the “Ordinance Establishing Review and Approval Procedures and Criteria for Subdivision Plats.”

The *Statutes* do not provide any guidance about how to determine if zoning and subdivision ordinance decisions are consistent with a comprehensive plan. Specific guidance on how to apply the Statutory requirement for consistency will, unfortunately, likely be provided over time through court decisions in lawsuits challenging the implementation of comprehensive plans by County and local units of government after the consistency requirement takes effect in 2010.

Although there have not been any Wisconsin court decisions regarding the interpretation of the consistency provision in the comprehensive planning law, in the case *Lake City Corp. v. City of Mequon*, 207 Wis. 2d 155, 558 N.W.2d 100 (1997), the Wisconsin Supreme Court needed to interpret what was meant by “consistent with” as used in Section 236.13(1)(c) of the *Wisconsin Statutes* (the *Statute* governing land divisions). According to the Wisconsin Supreme Court, “[t]he word ‘consistent,’ according to common and approved usage, means ‘in agreement; compatible.’ The American Heritage Dictionary 402 (3d ed. 1992). In other words, ‘consistent’ means ‘not contradictory.’”

Zoning Ordinance and Zoning Map Amendments

Zoning Ordinance Text Amendments

It is the Town's intent that the Town zoning ordinance be one of the primary implementing tools of this plan. As such, it should substantially reflect and promote the achievement of plan goals, objectives, policies, and programs. A zoning ordinance is a legal means for both guiding and controlling development in the Town, so that an orderly and desirable pattern of land use can be achieved which is consistent with the plan and balances individual property rights with community interests and goals. The zoning ordinance contains provisions for regulating the use of property, the size of lots, the intensity of development, site planning, the provision of open space, and the protection of natural resources.

The Town Zoning Ordinance was updated in 1999 and does not require major changes to implement this plan. The addition of regulations to better protect environmental corridors will be considered, as will changes to limit the number of homes for family members in agricultural zoning districts. Additional information is provided below:

- The Town will consider changing the name of the WC Wetland Conservancy zoning district to LC Lowland Conservancy. As noted in Section 2.03(8) of the zoning ordinance, the intent of the district is to protect lakes and streams, as well as wetlands. The Town will also consider amending the ordinance to add a UCO Upland Conservancy Overlay zoning district that would be applied to upland portions of primary and secondary environmental corridors. Upland corridors are those portions of environmental corridors outside wetlands and surface waters, and include woodlands, steep slopes, and wildlife habitat areas. An example of upland conservancy zoning regulations is provided in Appendix J. The regulations would implement the guidelines set forth in Table 25 in Chapter V. Consideration will also be given to amending Sections 10.05(3)(c) and 10.05(4)(c) to require the boundaries of primary and secondary environmental corridors to be shown on site plans submitted for site plan review. As an alternative to adopting regulations to include a new UCO district in the Town zoning ordinance, the Town may incorporate policies to protect environmental corridors into Section 10.05.
- As provided in Section 91.75(2)(b) of the *Statutes*, Section 4.04(1) of the Town zoning ordinance allows residences for a child or parent of a farm operator to be constructed on parcels in the AP Agricultural Preservation and AT Agricultural Transition districts. There are no limits on the number of residences that may be constructed for family members. Section 91.75 of the *Statutes* sets forth minimum standards for local zoning ordinances. Local ordinances may be more restrictive than State requirements. The Town will therefore consider amending the zoning ordinance to establish a maximum number of residences that may be constructed for family members on parcels zoned AP or AT.
- As correctly noted in Chapter 12 of the zoning ordinance, shoreland and floodplain areas in the Town are regulated under the Washington County Shoreland, Wetland, and Floodplain Zoning Ordinance. Section 10.08(6) (prior notice to the Wisconsin Department of Natural Resources (DNR) for rezoning in the

shoreland area) applies only to rezoning under the County ordinance, and should be deleted from the Town ordinance. Similarly, the phrase “and Section 59.97(5)(e) of the *Wisconsin Statutes*” in Section 2.06(2)(d) of the Town ordinance applies only to counties, and should be deleted.

- The reference to “Town Corporation Counsel” in Section 11.02(3) should be changed to “Town Attorney.”
- References to Section 66.12 and 66.122 of the *Wisconsin Statutes* in Chapter 11 should be updated to Section 66.0114 and 66.0119, respectively.

Zoning Map Amendments

Following adoption of this plan by the Town Board, the Plan Commission should initiate appropriate amendments so that the zoning map is consistent with the recommendations of this plan, particularly the land use plan map. The following changes will be considered by the Town Plan Commission and Town Board:

- The zoning map will be updated to use parcel mapping as the base. Zoning district boundaries that are not based on natural resource features (such as wetlands) should follow parcel boundaries.
- Parcels will be placed in a zoning district that is consistent with the land use category shown on Map 11. Table 71 lists each land use plan category and the corresponding zoning districts. A summary of zoning districts is included on Table 1 in Chapter II. In general, areas of existing urban-density residential development should be placed in the R zoning district; existing State and County parks should be placed in the OR zoning district; and areas currently in agricultural use that are shown for residential, commercial, or industrial use on the land use plan map should be placed in the AT zoning district.
- The Wisconsin Wetlands Inventory, a map of existing wetlands maintained by the DNR, was recently updated in Washington County. A comparison of wetlands identified in the Town by the SEWRPC year 2000 land use inventory³ and the year 2005 DNR wetland inventory is shown on Map 20. The new DNR wetland inventory includes a “farmed wetland” category. “Farmed wetlands” are defined by the Natural Resources Conservation Service (NRCS) as “land that is partially altered but because of wetness, cannot be farmed every year.”⁴ The Wetland Conservation provisions of the 1985 Farm Bill, as amended, require agricultural producers to protect the wetlands on the farms they own or operate if they want to remain eligible for farm program benefits. Normal farming practices, including plowing, harrowing, planting, cropping, fertilizing, and grazing, can be conducted on farmed wetlands; however, there may be restrictions on drainage improvements in farmed wetlands. Farmers should consult with the NRCS before making any drainage improvements.

The Town will consider placing non-farmed wetlands in the WC zoning district when the zoning map is updated. Farmed wetlands will remain in the AP or AT zoning district as long as the parcel remains in agricultural use. Wetlands identified as farmed wetlands may be placed in the WC district at the time farming activities on the wetland parcel cease and an application for residential or other urban development of the parcel is approved by the Town.

- Primary and secondary environmental corridors outside wetlands and surface waters should be placed in a UCO or similar zoning overlay district, or protected through zoning ordinance regulations that carry out the guidelines on Table 25 in Chapter V.

³The year 2000 SEWRPC land use inventory was used as the basis for identifying the environmental corridors shown on the Town land use plan map (Map 11 in Chapter VI).

⁴Definition taken from the “Wetland Restoration Handbook for Wisconsin Landowners, 2nd edition, written by Alice L. Thompson and Charles S. Luthin, DNR Publication No. PUB-SS-989, 2004.

Table 71

**TOWN OF HARTFORD LAND USE PLAN CATEGORIES
AND CORRESPONDING ZONING DISTRICTS**

Land Use Plan Categories (see Map 11)	Corresponding Zoning Districts
Urban Density Residential	R Residential
Rural Density Residential	RR Rural Residential
Commercial	C Commercial
Light Industrial	LI Light Industrial
Institutional	R Residential RR Rural Residential ^a C Commercial AT Agricultural Transition ^b
Outdoor Recreation	OR Outdoor Recreation R Residential RR Rural Residential AT Agricultural Transition ^c
Utility	AP Agricultural Preservation ^d AT Agricultural Transition ^d
Extractive	AP Agricultural Preservation ^e AT Agricultural Transition ^e
Agricultural Preservation	AP Agricultural Preservation
Agricultural Transition	AT Agricultural Transition
Primary and Secondary Environmental Corridors	WC Wetland Conservancy ^f UCO Upland Conservancy Overlay ^f

^aPrivate institutional uses are conditional in the RR district.

^bPublic and private institutional uses are conditional in the AT district.

^cPublic recreation uses are conditional in the AT district.

^dUtilities are conditional in the AP and AT districts.

^eExtractive uses are conditional in the AP and AT districts.

^fThe WC district should be applied to wetlands and surface waters in primary and secondary environmental corridors. A new UCO overlay district should be applied as an overlay to basic use zoning districts in areas that are in upland portions of environmental corridors. Upland areas are those outside wetlands and surface waters, and typically include woodlands, steep slopes, and wildlife habitat.

Source: SEWRPC.

Petitions for rezones or text amendments to the Town Zoning Ordinance should be accompanied by a statement of the proposed zoning change, its compatibility with the Town Comprehensive Plan, and the conditions warranting a zoning change. All rezoning applications should be carefully reviewed relative to the land use plan map and the remainder of this comprehensive plan. If a proposed rezoning is not consistent with the plan, the rezoning should be denied. As an alternative, the Town Board may consider amending the plan. Plan amendments and rezonings may be reviewed concurrently, but a plan amendment should be approved prior to approval of the rezoning.

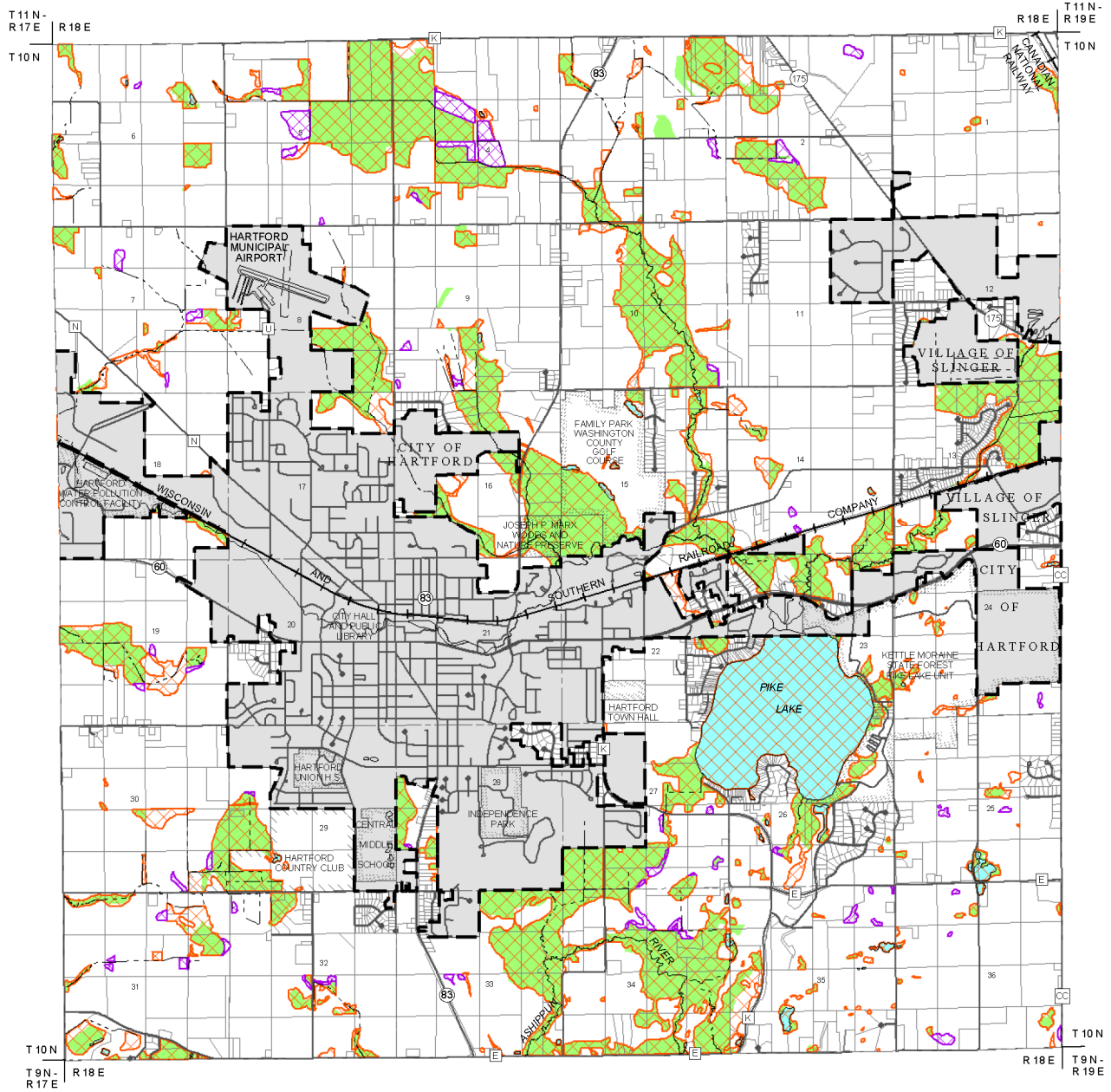
Subdivision Ordinance and Official Mapping Ordinance




The Town will consider amending Section 4.02(k) of the “Ordinance Regulating Minor Land Divisions” to refer to wetlands shown on the 2005 Wisconsin Wetland Inventory map, rather than the Washington County wetland maps. The Town will also consider adding Section 4.02(n) to require the boundaries of primary and secondary environmental corridors to be shown on certified survey maps. The Town will also consider amending Section 3 of the “Ordinance Establishing Review and Approval Procedures and Criteria for Subdivision Plats” to require the information in Section 4.02 for certified survey maps to also be included on preliminary plats.

The Town of Hartford has not adopted an official mapping ordinance.

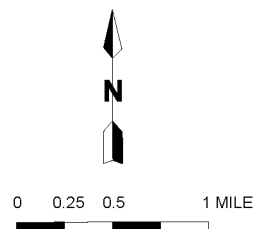
Map 20

COMPARISON OF 2000 AND 2005 WETLAND INVENTORIES IN THE TOWN OF HARTFORD



-  FARMED WETLANDS (2005 WETLAND INVENTORY)
-  NON-FARMED WETLANDS (2005 WETLAND INVENTORY)
-  WETLANDS (2000 LAND USE INVENTORY)
-  SURFACE WATER (2000 LAND USE INVENTORY)

Source: Wisconsin Department of Natural Resources and SEWRPC.



OTHER RECOMMENDATIONS

One of the goals included in the Issues and Opportunities Element is to ensure that the plan remains relevant. Town officials intend to routinely consult the comprehensive plan when carrying out Town government functions and developing the Town budget. The plan will help provide a framework to guide the day-to-day decisions of Town officials and staff, particularly with regard to decisions on zoning and subdivision applications.

The Town also intends to make this plan available to land owners and citizens. In addition to providing a copy of the plan to the Hartford library, the plan will be available on the SEWRPC website (www.sewrpc.org).

PROGRAM PRIORITIZATION

As previously noted, the comprehensive planning law requires the Implementation Element to include a compilation of programs, in a specified sequence, to implement the recommendations set forth in the other required plan elements. The Town of Hartford Plan Commission reviewed the programs developed in the previous seven elements (there are no programs recommended in the Issues and Opportunities Element) and developed a relative priority ranking for their implementation. Recommended priorities for implementing programs are presented in Table 72. Any new programs recommended in this plan must be individually reviewed and approved by the Town Board through the annual budget process prior to implementation.

CONSISTENCY AMONG PLAN ELEMENTS

The comprehensive planning law requires that the implementation element “describe how each of the elements of the comprehensive plan shall be integrated and made consistent with the other elements of the plan.” All elements of this comprehensive plan were prepared simultaneously by the same staff with great care given to ensure internal consistency among the various elements. All element chapters were reviewed by the Town Plan Commission. There are no known inconsistencies among plan elements.

PROGRESS IN IMPLEMENTING THE PLAN

Comprehensive Update of the Plan and Maintenance of Inventory Data

The Town will conduct a formal review of the plan at least once every ten years.⁵ Based on this review, changes or updates should be made to sections of the plan that are found to be out of date and goals, objectives, policies, or programs that are not serving their intended purpose. Any changes or updates should follow the process for plan amendments required by the *Statutes*. The Town may choose to work with the Washington County Planning and Parks Department and/or SEWRPC to maintain and update inventory data compiled as part of the multi-jurisdictional comprehensive planning process.

Coordination with Washington County Comprehensive Plan

Washington County has also adopted a comprehensive plan. The comprehensive planning law does not require that town, city, or village comprehensive plans be consistent with the County plan. The law does require, however, that County shoreland zoning and subdivision ordinances be implemented in a way that is consistent with the County comprehensive plan and that Town zoning and subdivision ordinances be implemented in a way that is consistent with the Town comprehensive plan. Because Washington County must review subdivision plats within the Town under the County subdivision ordinance, and ensure that a proposed plat is consistent with the County comprehensive plan, as a practical matter it benefits the Town if the Town plan is consistent with the County plan.

⁵The Town is required to update the comprehensive plan at least once every ten years by the State comprehensive planning law.

Table 72

TOWN OF HARTFORD COMPREHENSIVE PLAN IMPLEMENTATION PRIORITIES

Note: Priorities were determined by the Town Plan Commission and reviewed and approved by the Town Board. Each program was rated on a scale of 1 to 3, with 1 being the highest score possible and 3 being the lowest score. The average score for each program is noted in parenthesis at the end of the program.

Implementation programs receiving a priority rating of 1.50 or lower (highest priority for implementation):

- **Program:** Retain Town zoning as the primary means of regulating land uses in the Town. (1.17)
- **Program:** Encourage the continuation of agricultural uses in areas designated for agriculture on the Town land use plan map through administration of the Town's zoning and land division ordinances. Lands designated for Agricultural Preservation on the land use plan map should be placed in the Agricultural Preservation zoning district. Lands designated as Agricultural Transition on the land use plan map should be placed in the Agricultural Transition zoning district. (1.33)
- **Program:** Continue to cooperate with Washington County to enforce the County construction site erosion control and stormwater management ordinance and the County shoreland and floodplain zoning ordinance within the Town to help protect water quality and to protect residents and property owners from flooding hazards. (1.33)
- **Program:** Enforce reclamation plans for gravel pits and other extractive sites. (1.33)
- **Program:** Continue to work with the City of Hartford and the Villages of Richfield and Slinger to develop boundary and/or cooperative agreements to provide for orderly growth, appropriate services, and the protection of productive agricultural lands and natural resources. (1.33)
- **Program:** Notify Washington County when a certified survey map (CSM) is submitted for a land division adjacent to a County highway, and request County input regarding the appropriate right-of-way for and access to the highway. (1.33)
- **Program:** Continue to work with Washington County to administer the County erosion control and stormwater management ordinance in the Town. (1.33)
- **Program:** Identify suitable areas for commercial and industrial development on the Town land use plan map (see Map 11 in Chapter VI). (1.33)
- **Program:** Continue joint planning efforts with the City of Hartford. (1.33)
- **Program:** Continue joint planning efforts with the Village of Slinger. (1.33)
- **Program:** Consider amending the Town zoning ordinance to establish a maximum number of residences that may be constructed for family members on parcels zoned AP or AT. (1.50)
- **Program:** Continue to regulate nonmetallic mineral extraction in accordance with the Town zoning ordinance and nonmetallic mining reclamation ordinance. (1.50)
- **Program:** Implement the programs recommended in the Agricultural, Natural, and Cultural Resources Element (Chapter V) to protect agricultural lands and natural resources, and to accommodate nonmetallic mining (extractive) uses. (1.50)
- **Program:** Continue to cooperate with Washington County to ensure the County has reviewed proposed land divisions for compliance with the County Land Division and Sanitary Ordinances relating to land suitability, wastewater treatment and disposal, and other applicable requirements. (1.50)
- **Program:** Continue to cooperate with Washington County in the implementation of Chapter 25, Sanitary Code, of the *Washington County Code of Ordinances*, which includes the regulation of private onsite wastewater treatment systems (POWTS) in the Town. (1.50)
- **Program:** Initiate contacts with Washington County and adjacent communities prior to constructing new public facilities or initiating or expanding Town services to determine if there are opportunities for joint facilities or services. (1.50)
- **Program:** Cooperate with Washington County and adjacent communities when approached to consider joint service agreements or facilities. (1.50)
- **Program:** Coordinate planning of the St. Lawrence area and the CTH K corridor with the Town of Addison. (1.50)
- **Program:** Work with school district officials, on request, to explain the type of permits required from the Town before selecting and buying a site; the recommendations of the Town land use plan map; and other information that would assist the districts in planning for future school facilities. (1.50)

Table 72 (continued)

Remaining implementation programs, listed in relative rank order:

- **Program:** The Town will work with property owners and Washington County to achieve site planning to minimize erosion and disruption to slopes and vegetation. Review of development site and rezoning requests will include consideration of the placement of driveways and soil types. Driveways shall be routed so as to not disrupt steep slopes, and contain erosion control measures for slopes of 8-12 percent. (1.67)
- **Program:** Work with OWLT and other Nonprofit Conservation Organizations to protect primary and secondary environmental corridors, natural areas, critical species habitat sites, and other endangered species habitat areas. (1.67)
- **Program:** Consider amending the Town zoning ordinance and map as recommended in the Agricultural, Natural, and Cultural Resources Element to better protect primary and secondary environmental corridors. (1.67)
- **Program:** Continue to enforce the Town building code to ensure adequate insulation, heating, and plumbing. (1.67)
- **Program:** Upon request, forward appropriate Town records of historical value to interested organizations. (1.80)
- **Program:** Consider amending the Town zoning ordinance to include an Upland Conservancy district or to enact regulations to protect portions of primary and secondary environmental corridors located outside wetlands, floodplains, and shorelands. (1.83)
- **Program:** Following adoption of the Regional Water Supply Plan by SEWRPC, the Town Plan Commission and Town Board will consider amending this plan to incorporate pertinent recommendations. (1.83)
- **Program:** Consider connections to existing or future development on adjacent parcels when reviewing site plans, preliminary plats, and certified survey maps. (1.83)
- **Program:** Lay out streets so that all vehicles, especially emergency vehicles, can travel in a safe and efficient manner. (1.83)
- **Program:** Consider amending the Town zoning map to place wetlands in the Wetland Conservancy zoning district. (2.00)
- **Program:** Work with SEWRPC to prepare and implement a management plan for the Pike Lake Sedge Meadow natural area, which is owned by the Town. (2.00)
- **Program:** Allocate sufficient area for residential development on the Town land use plan map to accommodate the anticipated population of the Town in 2035 and to provide areas for housing to serve the needs of persons of all income levels, ages, and persons with disabilities. (2.00)
- **Program:** Consider amending the Town zoning ordinance to accommodate accessory units in residential zoning districts as an option for providing affordable housing and housing for the elderly and persons with disabilities. (2.00)
- **Program:** Work with existing housing agencies to identify programs and potential funding sources to assist homeowners with making needed repairs, including improvements to meet State and Federal lead-safe standards. (2.00)
- **Program:** As required by State law, continue to use the Wisconsin Information System for Local Roads (WISLR); continue to update road ratings, as required; and seek outside funds to help with street improvements. (2.00)
- **Program:** Continue to participate in the annual bridge inspection program conducted by Washington County. (2.00)
- **Program:** Conform to the existing topography and landscape, if possible, when constructing new streets. (2.00)
- **Program:** The Town will strive to ensure local street connectivity and the proper location of new streets during the review of all site plans, Certified Survey Maps, condominium plats, and subdivision plats as new development is proposed. (2.00)
- **Program:** Consider preparing a Town stormwater management plan to provide for comprehensive and coordinated stormwater management facilities and measures. (2.00)
- **Program:** Explore a partnership with Washington County for recycling programs and facilities, including establishment of household hazardous waste collection sites and facilities. (2.00)
- **Program:** Continue to maintain Town parks, open space sites, and public access sites and encourage the development of additional parks and recreational facilities as needs are identified and funding becomes available. (2.17)
- **Program:** Consider preparing and adopting a Town park and open space plan to become eligible to receive available State and Federal outdoor recreation grants. (2.17)
- **Program:** Continue to implement the site plan review and landscaping requirements of the Town zoning ordinance for residential, commercial, and industrial uses. (2.17)
- **Program:** Work with government agencies and developers to implement creative ideas for providing low and moderate income housing in the Town while maintaining appropriate densities. (2.17)

Table 72 (continued)

- **Program:** Consider amending the Town zoning ordinance to include a multi-family zoning district. (2.17)
- **Program:** Work with the Washington County Health Department to enforce State public health Statutes and County ordinances concerning dilapidated, unsafe, or unsanitary housing that poses a human health hazard. (2.17)
- **Program:** Consider conducting a needs assessment and adopting an impact fee ordinance for facilities provided by the Town. (2.17)
- **Program:** Work with Washington County to complete the procedure necessary for Town participation in the Washington County Multi-Jurisdictional Dispute Resolution Panel. (2.17)
- **Program:** Work with Washington County and private service providers, where appropriate, to improve public transportation for persons with disabilities to increase access to jobs and community activities. (2.33)
- **Program:** Consider incorporating desired policies from State long-range transportation planning efforts, including *Connections 2030*, into Town of Hartford plans. (2.50)
- **Program:** Continue to work with Washington County and SEWRPC to prepare and implement the Washington County Jurisdictional Highway System Plan (Maps 14 and 15) and the Transportation Improvement Program. (2.50)
- **Program:** Consider amending the Town zoning and subdivision ordinances to grant a density bonus in land divisions that provide for affordable housing. (2.67)
- **Program:** Work with Washington County to determine if there is a need for additional Washington County Commuter Express Bus System routes and park-ride lots to serve Town residents. (2.67)

Source: Town of Hartford.

On August 10, 2004, the Washington County Board of Supervisors adopted 2004 Resolution 35, which established criteria regarding the incorporation of town land use plan maps into the land use plan map adopted as part of the Washington County comprehensive plan. The resolution states that the County will accept a Town land use plan if the plan is in “substantial agreement” with the objectives, principles, and standards of the regional land use plan prepared and adopted by SEWRPC. The Planning, Conservation, and Parks Committee (PCPC) of the County Board was assigned the responsibility for determining if each town plan was in substantial agreement with the regional land use plan, based on a recommendation from SEWRPC. The Town of Hartford plan was found to be in substantial agreement with the regional land use plan, and was therefore incorporated into the County land use plan map. The Washington County Board of Supervisors adopted the Washington County Comprehensive Plan on April 15, 2008.

The Implementation Element of the Washington County plan provides that amendments to Town land use plan maps will be incorporated into the County plan, through an amendment process, if the Town plan continues to be in substantial agreement with the regional land use plan. Section 66.1001(4)(b) of the *Statutes* requires that the Town provide a copy of all plan amendments to Washington County. The County will be responsible for determining if the amendment is in substantial agreement with the regional plan, based on a recommendation from SEWRPC. If determined to be in agreement, the County will amend its plan to incorporate the Town plan amendment into the County plan.

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Chapter XIII

SUMMARY

CHAPTER I - INTRODUCTION AND BACKGROUND

In 1999 the Wisconsin Legislature enacted a comprehensive planning law, which is often referred to as the “Smart Growth” law. This law provided a new framework for the development, adoption, and implementation of comprehensive plans in Wisconsin. The law is set forth in Section 66.1001 of the *Wisconsin Statutes*.

To address the State comprehensive planning requirements, a multi-jurisdictional comprehensive planning process was undertaken by Washington County; 11 local government partners, including the Town of Hartford; UW-Extension; and the Southeastern Wisconsin Regional Planning Commission (SEWRPC).

Nine Elements of the Comprehensive Plan

This plan contains the following nine elements, which are required by Section 66.1001(2) of the *Statutes*:

- | | |
|---|--|
| 1. Issues and opportunities element | 6. Agricultural, natural, and cultural resources element |
| 2. Land use element | 7. Economic development element |
| 3. Housing element | 8. Intergovernmental cooperation element |
| 4. Transportation element | 9. Implementation element |
| 5. Utilities and community facilities element | |

Public Participation Plan

- Section 66.1001(4) of the *Statutes* requires that the Town Board adopt written procedures that are designed to foster public participation during development of the Town comprehensive plan.
- The multi-jurisdictional comprehensive planning workgroup, with assistance from County and UW-Extension staff, developed a recommended public participation plan (PPP) for the multi-jurisdictional plan and each local government plan. The PPP was adopted by the Hartford Town Board on September 13, 2004.

Plan Review and Adoption Requirements from the *Wisconsin Statutes*:

- The Town Plan Commission must recommend to the Town Board a comprehensive plan or plan amendment prior to Town Board adoption of a plan or plan amendment. The Town Plan Commission recommended approval of this plan to the Town Board on April 1, 2009.
- The plan commission recommendation must be in the form of a resolution adopted by a majority vote of the entire membership of the commission (see Appendix G).

- The Town must adopt Village powers in order to establish a Plan Commission. The Town of Hartford adopted Village powers on April 6, 1954, and established the Town Plan Commission on April 14, 1986.
- A comprehensive plan or plan amendment must be adopted by an ordinance enacted by a majority vote of the full membership of the Town Board. The Town Board adopted this plan by ordinance on April 13, 2009 (see Appendix H).
- All nine elements must be adopted simultaneously, and at least one public hearing must be held prior to adopting the plan. The Hartford Town Board held a public hearing on the plan on February 16, 2009.
- An adopted comprehensive plan, or an amendment to a plan, must be sent to all governmental units within and adjacent to the Town; Washington County; the Wisconsin Department of Administration (DOA); the regional planning commission (SEWRPC); and the public library serving the Town (the Hartford Public Library).

Relationship Between County and Local Comprehensive Plans

Although State law does not require Town comprehensive plans and official maps to be incorporated into the County plan, Washington County incorporated adopted Town plans and maps into the County plan provided the land use element of the town comprehensive plan was in substantial agreement with the objectives, principles, and standards set forth in Chapter IV of the Regional Land Use Plan for Southeastern Wisconsin: 2020, as determined by the Washington County Planning, Conservation and Parks Committee. The Town of Hartford land use plan was found to be in substantial agreement with the regional land use plan, and was incorporated into the Washington County Multi-Jurisdictional Comprehensive Plan. The County comprehensive plan was adopted by the Washington County Board on April 15, 2008.

Committee Structure

The Town Plan Commission had the primary responsibility for reviewing this Town comprehensive plan and those aspects of the multi-jurisdictional plan that relate to the Town. Oversight was provided by the Town Board.

The Town also participated in the development of the multi-jurisdictional comprehensive plan for Washington County by providing comments on draft plan chapters and other materials and by serving on the advisory committee and three element workgroups established to develop the County plan.

The Planning Area

The planning area is composed of the Town of Hartford, which in 2007 encompassed a total of 18,158 acres, or about 28 square miles. The Town is located in the west central portion of Washington County. It is bordered by the Town of Addison on the north, by the Town of Polk and the Village of Slinger on the east and by the Town of Erin on the south, all located in Washington County. The Town is effectively split into a northern part and a southern part by the City of Hartford, which extends along an east-west line through the middle of the Town. On the west and northwest, the Town is bordered by the Towns of Rubicon and Herman in Dodge County.

Benefits of Comprehensive Planning

- Planning helps define the future character of a community.
- Planning helps protect natural and cultural resources.
- Planning can provide a rational basis for local decisions.
- Planning can provide certainty regarding future development.
- Planning can save money.
- Planning can promote economic development.
- Planning can promote public health.

While planning provides many important public benefits, it is important to recognize that an adopted plan is not an “end result,” but rather provides recommendations for future action. Plan recommendations will be fulfilled

over time in generally small, incremental steps. A comprehensive plan provides a foundation and guide for many implementing tools, including the Town zoning ordinance and map, subdivision ordinance, and official mapping ordinance, which are required under State law to be consistent with the comprehensive plan. Other possible implementation tools include capital improvements programming, plans for local parks, and other local ordinances, programs, and policies.

CHAPTER II - EXISTING PLANS AND ORDINANCES: 2007

A review of the existing framework of areawide and local plans and related land use regulations was conducted at the beginning of the planning process, and are summarized in the following paragraphs:

Town of Hartford Land Use Plan

The *Town of Hartford Land Use Plan* was adopted on May 13, 1996 by the Town Board. The Plan identifies priorities and intentions with respect to land use and development. They include limiting development to maintain and preserve the Town's rural character; preserving agricultural lands and protecting farming operations; protecting environmental resources; permitting limited residential development in the Town; providing for commercial development in select locations; locating industrial development where adequate transportation facilities are available and surrounding uses are compatible; allowing gravel pits and nonmetallic mining areas in areas where impacts are minimal on adjacent land uses; establishing cooperative planning with surrounding communities; maintaining a safe and efficient transportation system in the Town; and maintaining services in the Town. This comprehensive plan revises and replaces the Town land use plan to reflect changing conditions in the Town, and to meet State comprehensive planning requirements.

Town of Hartford Purchase of Development Rights Program

The Town of Hartford has organized and held two referenda on establishing a Purchase of Development Rights (PDR) program in the Town. The first referendum was held in November 1998. The referendum was defeated by a vote of 591 (45 percent) in favor of establishing a PDR program, and 728 (55 percent) opposed. The PDR idea resurfaced in 2004. A second referendum was held on November 2, 2004. The referendum was defeated by a vote of 938 (43 percent) in favor of a PDR program and 1,261 (57 percent) opposed.

Boundary Agreement

A boundary agreement under Section 66.0225 of the *Statutes* between the then-Town of Richfield and the Town of Hartford, Town of Erin, and the City of Hartford was signed in January 2007. The term of the agreement is 20 years, and the agreement is contingent upon the Town of Richfield's incorporation as a Village.¹ As part of the agreement, the Town of Richfield will not accept or grant any annexations from the Town of Hartford following the Town of Richfield's incorporation as a Village. In return, the Town of Hartford adopted a resolution supporting the Town of Richfield's incorporation petition as a Village.

Town of Hartford Zoning Ordinance

Section 66.1001(3) of the *Wisconsin Statutes* requires that zoning, land divisions, and official mapping decisions made by local and county governments be consistent with local and county comprehensive plans, respectively, as of January 1, 2010. The Hartford Town Board adopted an updated zoning ordinance in January 1999. The ordinance was updated with amendments approved through March 2006.

Washington County enforces shoreland and floodplain zoning regulations in shoreland areas in the Town of Hartford.

¹The Town of Richfield incorporated as a Village on February 13, 2008.

Town of Hartford Land Division Ordinance

The Town of Hartford adopted a land division ordinance in March 1986. The ordinance was most recently amended in May 1996. Under Chapter 236 of the *Statutes*, local governments are required to review and take action on plats for subdivisions. Local subdivision ordinances may be broader in scope and require review and approval of land divisions in addition to those meeting the statutory definition of a “subdivision,” which is the case in the Town.

The Town of Hartford land division ordinance applies to all lands within the Town. A subdivision is defined as a land division that creates five or more parcels or building sites of five acres each or less in area or where five or more parcels or building sites of five acres each or less created by successive divisions within a five-year period. All other divisions of land within the Town require Town Board approval of a certified survey map.

Other Town Land Use-Related Ordinances

In addition to the zoning and land division ordinances, the Town of Hartford has adopted a nonmetallic mining reclamation ordinance and a lake use ordinance for Pike Lake. The Town has not adopted an official map.

City of Hartford Municipal Airport Height Restrictions

Chapter 10 of the *City of Hartford Municipal Code* places height restrictions on structures or trees on lands surrounding the Hartford Municipal Airport to prevent obstruction of the air space required for flights taking off and landing at the airport. Objects within one-half mile of the airport boundary must be no more than 35 feet in height, objects within the area beginning one-half mile from the airport boundary and extending to one mile from the airport boundary must be no more than 50 feet in height, and objects within the area beginning one mile from the airport boundary and extending to three miles from the airport boundary must be no more than 100 feet in height. The height limitations affect portions of the Town of Hartford.

Extraterritorial Zoning Regulations

Initiation of the extraterritorial zoning ordinance freezes existing zoning in the extraterritorial (town) area for two years, while the city or village and affected town jointly develop an extraterritorial zoning ordinance and map. The entire Town of Hartford lies within the extraterritorial area of either the City of Hartford or the Village of Slinger. The Town is also within the extraterritorial area of the Village of Richfield; however, as part of the boundary agreement among the City of Hartford, Town of Hartford, Town of Erin, and the then-Town of Richfield, Richfield agreed not to exercise extraterritorial zoning or plat approval authority in any areas that were within the City of Hartford’s extraterritorial area for 20 years after the agreement was signed (January 2007). Because of the agreement, Richfield does not exercise extraterritorial authority within the Town.

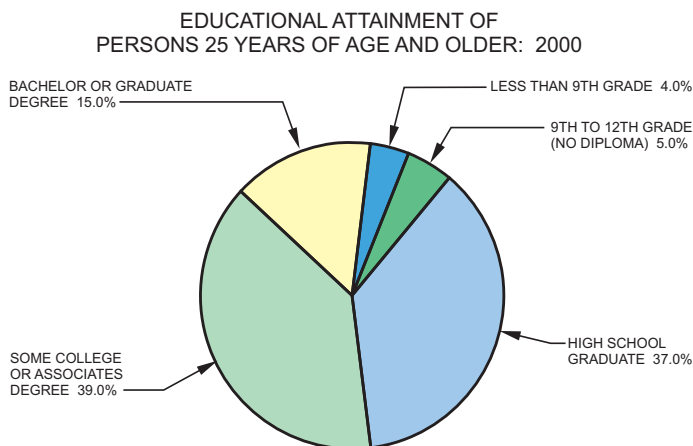
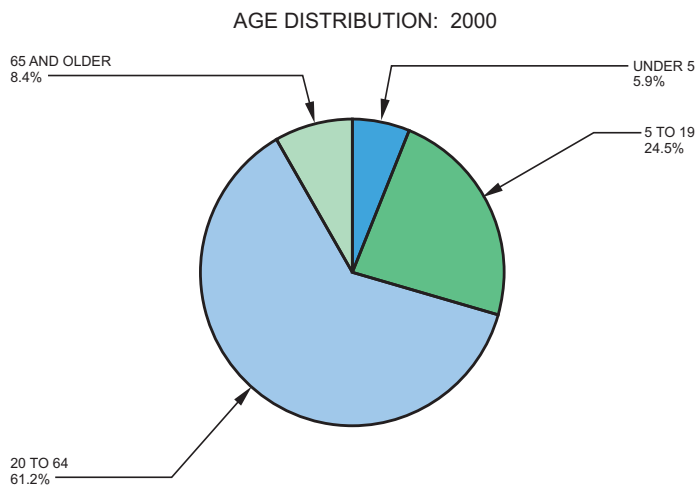
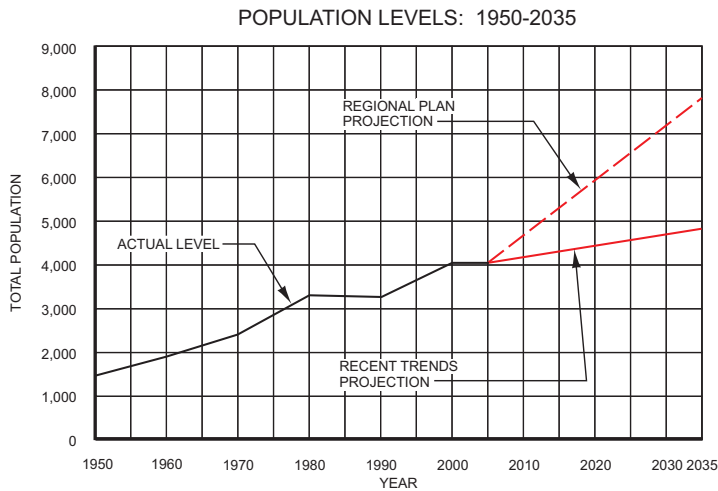
An intergovernmental agreement between the City of Hartford and Village of Slinger was signed in 2003. The agreement has a term of 20 years and establishes future service boundaries between the City and Village to facilitate joint planning and intergovernmental cooperation. The agreement identifies a future long-term boundary between the two municipalities. Each municipality agreed not to oppose the other’s annexation of lands that are within the respective municipality’s long-term growth area. In those areas where the Village’s extraterritorial plat review jurisdiction extends west of the “growth line” the Village will exercise its extraterritorial jurisdiction consistent with the City’s future land use plan and in those areas where the City’s extraterritorial jurisdiction extends east of the “growth line” the City will exercise its extraterritorial jurisdiction consistent with the Village’s future land use plan. The agreement did not address extraterritorial zoning issues. Neither the City nor the Village exercises extraterritorial zoning in the Town.

In February 2003, the Village of Slinger initiated preparation of an extraterritorial zoning ordinance that included a portion of the Town of Hartford, as well as portions of the Towns of Addison, Polk, and West Bend. In February 2005, the affected Towns voted against continuing the process beyond the minimum two-year period specified in Section 62.23(7a) of the *Statutes*, and the process was terminated.

In April 2002, the City of Hartford initiated preparation of an extraterritorial zoning ordinance over portions of the Town of Hartford, which was terminated in April 2004 at the end of the mandatory two-year period specified in the *Statutes*. The City initiated a second extraterritorial zoning process in July 2006, which expired in July 2008.

Figure 4

HISTORICAL AND ALTERNATIVE FUTURE POPULATION LEVELS: 1950-2035, AGE DISTRIBUTION, AND EDUCATIONAL ATTAINMENT IN THE TOWN OF HARTFORD



Source: U.S. Bureau of the Census and SEWRPC.

Extraterritorial Plat Authority

A city or village may review, and approve or reject, subdivision plats located within its extraterritorial area if the city or village has adopted a subdivision ordinance or an official map. The Village of Slinger and City of Hartford have signed an agreement specifying portions of the Town of Hartford over which each municipality will exercise extraterritorial plat approval authority. The Village of Richfield has agreed not to exercise extraterritorial authority over the Town for 20 years following approval of its boundary agreement with the City of Hartford and the Towns of Erin and Hartford (signed in January 2007).

The City of Hartford Subdivision Ordinance (Chapter 12 of the *City of Hartford Municipal Code*) expressly applies to subdivisions within the City and those within the City's extraterritorial area. Section 12.0706 of the City Ordinance requires all lots created in the extraterritorial plat review area to be at least 35 acres in size, unless they meet the requirements of Section 12.0202 of the City Ordinance.

The Village of Slinger Subdivision Ordinance (Chapter XXXII of the *Village of Slinger Municipal Code*) expressly applies to subdivisions within the Village and those within the Village's extraterritorial area. Section 7.06.E of the Village Ordinance requires all lots created in the extraterritorial plat review area to be at least 35 acres in size, unless they meet the requirements of Section 7.06.E.3 of the Village Ordinance.

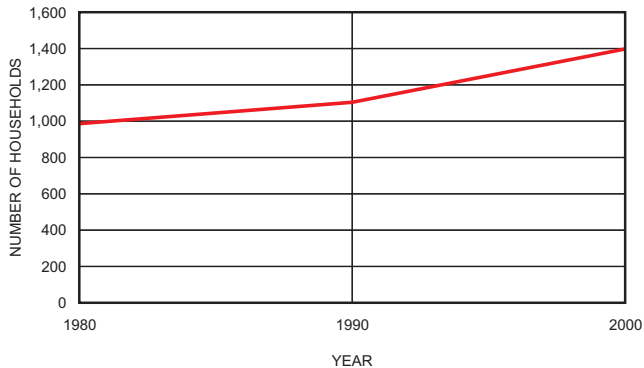
CHAPTER III - POPULATION, HOUSEHOLD, AND EMPLOYMENT TRENDS AND PROJECTIONS

Population

- The January 1, 2007 DOA population estimate for the Town of Hartford was 4,011 residents.
- The 2035 regional land use plan envisions a future population of 7,800 Town residents in 2035, while a continuation of recent trends would result in about 4,800 Town residents in 2035 (See Figure 4).
- The Plan Commission and Town Board determined that the Town would base its future land use plan and other comprehensive planning elements on a 2035 population projection of 4,800 persons, which reflects a continuation of growth experienced in the Town between 1980 and 2005.

Figure 5

NUMBER OF HOUSEHOLDS IN THE TOWN OF HARTFORD: 1980-2000



Source: U.S. Bureau of the Census and SEWRPC.

Households

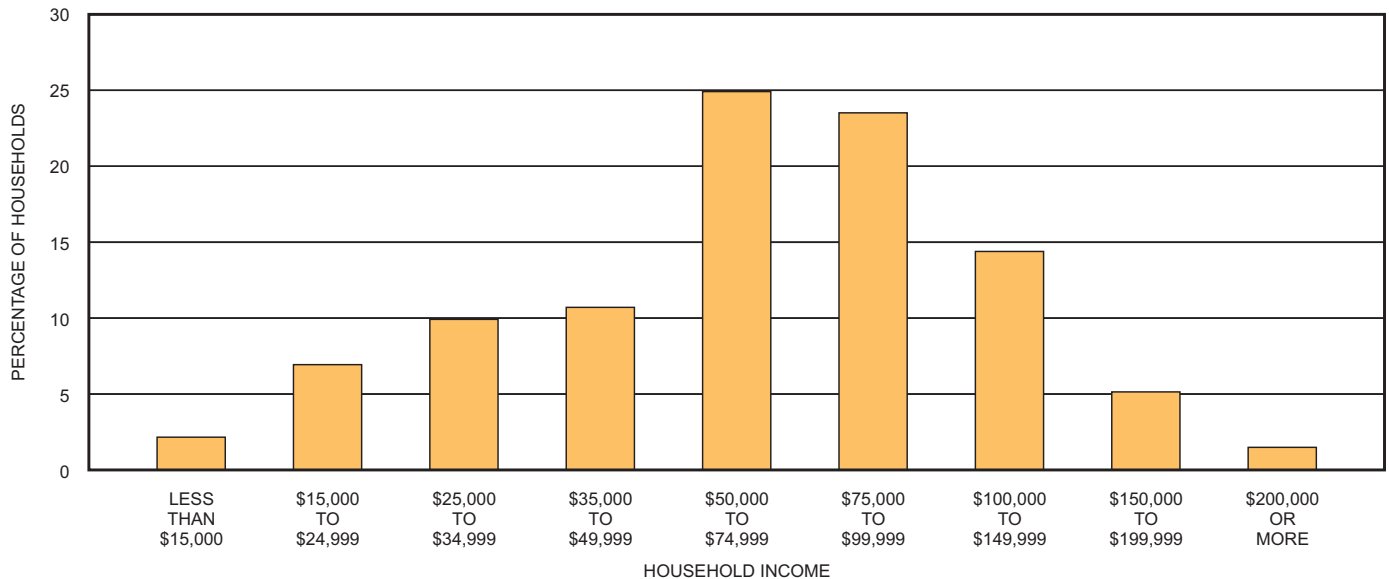
- There were 1,397 households in the Town of Hartford, with an average household size of 2.88 persons, in 2000 (See Figure 5).
- The selected population projection would result in approximately 1,886 households in the Town in 2035, based on an anticipated average household size of 2.54 persons per household.

Household Income

- The annual median household income in the Town of Hartford in 1999 was \$69,896, which was \$12,863, or about 23 percent, higher than the 1999 annual median household income in the County (See Figure 6).

Figure 6

ANNUAL HOUSEHOLD INCOME IN THE TOWN OF HARTFORD: 1999



Source: U.S. Bureau of the Census and SEWRPC.

Employment and Occupational Characteristics

- There were 2,510 Town of Hartford residents age 16 and older in the labor force in 2000 (See Figure 7).
- The largest percentage, about 29 percent, was in management, professional, and related occupations.

CHAPTER IV - ISSUES AND OPPORTUNITIES ELEMENT

The purpose of the issues and opportunities element is to define a desired future for the Town and provide an overall framework for development of the comprehensive plan. A vision statement was developed by the Town to express the preferred future and key characteristics desired by the Town:

“In 2035, the Town of Hartford remains a place known for its abundant natural resources and the beauty of areas like Pike Lake. The Town actively utilizes sound land use planning and policies for retaining productive farmland, maintaining rural character, and co-existing with nearby municipalities.”

Overall goals and objectives developed by the Town are presented in Chapter IV. The overall goals are general and provided the framework for more specific goals in the following seven elements (Chapters V through XI).

CHAPTER V - AGRICULTURAL, NATURAL, AND CULTURAL RESOURCES ELEMENT

Inventory of Soils and Agricultural Resources

Saturated Soils

Approximately 32 percent of the Town of Hartford is covered by saturated (hydric) soils (about 5,839 acres), generally associated with stream beds and wetland areas. Although hydric soils are generally unsuitable for development, they may serve as important locations for the restoration of wetlands, as wildlife habitat, and for stormwater detention.

Existing Farmland

There were 11,150 acres, or about 61 percent of the Town, in agricultural use in 2006. In 2000, there were about 11,201 acres in farmland, which consisted of the following:

- Cultivated lands covered approximately 10,152 acres, or 91 percent of the Town of Hartford.
- Pasture land and unused agricultural land covered approximately 833 acres, or 7 percent of the Town.
- There were no orchards, nurseries, and specialty crops in the Town.
- Farm buildings covered approximately 216 acres, or 2 percent of the Town.

Inventory of Natural Resources

Topography

One of the three points of highest elevation in Washington County is located in the Town of Hartford within the Kettle Moraine. Holy Hill, at 1,332 feet above sea level in the nearby Town of Erin, is the highest point in the County. Powder Hill, located in the Town of Hartford, is 1,330 feet above sea level; the same elevation as a nearby unnamed hilltop, also located in the Town of Erin.

The southeastern portion of the Town of Hartford is located in the Kettle Moraine, with the remainder of the Town located in part of an extensive glacial outwash plain sloping westward toward the Rock River. The Town of Hartford portion of this glacial outwash plain includes the Ashippun River, the Rubicon River and its tributaries, and extensive wetland areas.

Existing Nonmetallic Mining Sites

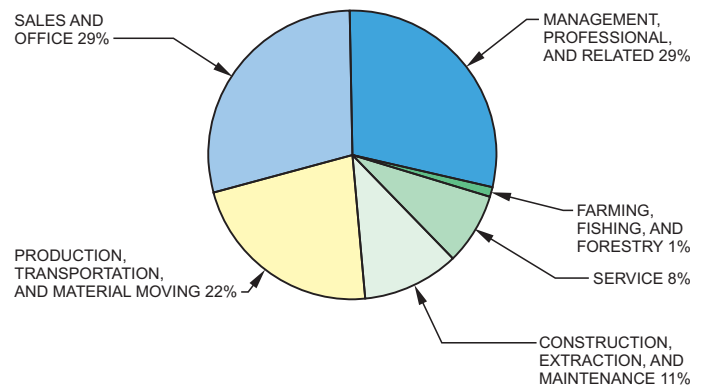
There were three active nonmetallic mining sites and two inactive nonmetallic mining sites in the Town in 2007.

Water Resources

Surface water resources, consisting of lakes and streams and their associated wetlands, floodplains, and shorelands, form important elements of the natural resource base of the Town. Their contribution to economic development, recreational activity, and scenic beauty is immeasurable. In 2000, there were 505 acres of surface water, 2,733 acres of floodplains, and 2,660 acres of wetlands in the Town.

Figure 7

EMPLOYED PERSONS 16 YEARS OF AGE AND OLDER BY OCCUPATION IN THE TOWN OF HARTFORD: 2000^a



Source: U.S. Bureau of the Census and SEWRPC.

Watersheds and Subwatersheds

The Town of Hartford is located entirely to the west of the subcontinental divide in the Rock River watershed within the Mississippi River drainage basin.

Wetlands

Wetlands perform an important set of natural functions which include support of a wide variety of desirable, and sometimes unique, forms of plant and animal life; water quality protection; stabilization of lake levels and streamflows; reduction in stormwater runoff by providing areas for floodwater impoundment and storage; and protection of shorelines from erosion. Wetlands identified in SEWRPC's regional land use inventory encompassed about 2,660 acres, or about 15 percent of the Town, in 2000.

Floodplains

The floodplains of a river are the wide, gently sloping areas usually lying on both sides of a river or stream channel. Floodplains within the Town identified as part of the shoreland and floodplain zoning map update for Washington County in 2001 encompass 2,733 acres, or about 15 percent of the Town.

Shorelands

Shorelands are defined by the *Wisconsin Statutes* as lands within the following distances from the ordinary high water mark of navigable waters: 1,000 feet from a lake, pond, or flowage; and 300 feet from a river or stream, or to the landward side of the floodplain, whichever distance is greater. Shorelands within the Town identified as part of the shoreland and floodplain map update for Washington County in 2001 encompass 4,759 acres, or about 26 percent of the Town.

Groundwater Resources

Groundwater resources constitute another key element of the natural resource base of the Town and County. Groundwater not only sustains lake levels and wetlands and provides the base flow of streams, but also provides the water supply for domestic, municipal, and industrial water users in Washington County. Recharge to groundwater is derived almost entirely from precipitation.

To satisfy future water demands in the Southeastern Wisconsin Region, including Washington County and the Town of Hartford, coordinated regional water resource management is needed, which would optimize the use of ground and surface water. The regional water supply planning program² currently being conducted by SEWRPC will provide guidance in this regard and is scheduled to be completed in 2009. At the time the comprehensive plan was prepared, areas within Washington County and the remainder of the Region had been analyzed and classified based on their potential for water recharge. The analysis was based on a combination of topography, soil hydrologic groups, soil water storage, and land use. Areas were placed into the following classifications: very high (more than six inches of recharge per year), high (four to six inches of recharge per year), moderate (three to four inches of recharge per year), and low (less than three inches of recharge per year).

About 1 percent of the Town is rated "very high" for recharge potential, and about 13 percent is rated "high" for recharge potential. Most of the high and very high recharge potential areas are located adjacent to Pike Lake and the Ashippun River in the southeast portion of the Town.

Development at rural densities, agricultural uses, and preservation of natural resources will preserve groundwater recharge capabilities. In addition, the use of conservation subdivision design and stormwater management measures that maintain natural hydrology can help preserve the groundwater recharge potential in areas developed for urban-density residential uses and other urban uses.

²*Documented in SEWRPC Planning Report No. 52, A Regional Water Supply Plan for Southeastern Wisconsin (underway). The plan is expected to be completed in 2009.*

Managed Forest Lands

The Managed Forest Law (MFL) is an incentive program intended to encourage sustainable forestry on private woodlands in Wisconsin with a primary focus on timber production. In 2005, 277 acres of woodlands in the Town, of which 25 acres were open to the public, were enrolled in the Managed Forest Law.

Natural Areas

A total of four natural areas, encompassing about 182 acres, have been identified in the Town of Hartford. A fifth natural area at the north end of Pike Lake, the Pike Lake Sedge Meadow, is owned by the Town but is located in the City of Hartford. All five of the natural areas have been classified as NA-3 sites. The regional natural areas plan³ recommends the preservation of all natural areas owned or located in the Town through protective acquisition.

Critical Species Habitat and Aquatic Sites

Two wetland sites supporting a rare bird species (the Black Tern) have been identified in the Town of Hartford. The two sites together encompass 26 acres. The natural areas plan recommends that the Village of Slinger acquire the Unnamed Wetland critical species habitat site, a portion of which extends into the Town in Section 13. No public acquisition is recommended for the Werner Pond critical species habitat site located in Section 25 of the Town at the intersection of Powder Hill Road and CTH E. Federal and State wetland regulations will provide some protection to the site. There are also four aquatic sites supporting endangered or rare fish and/or herptile species in the Town containing about nine miles of rivers and streams and 461 acres of lake water. Aquatic habitat sites are protected under Wisconsin Department of Natural Resources (DNR) regulations and County shoreland regulations.

Environmental Corridors and Isolated Natural Resource Areas

Primary Environmental Corridors

- At least 400 acres in size, two miles long, and 200 feet wide.
- In 2000, 3,163 acres, or about 17 percent of the Town, were encompassed within primary environmental corridors.

Secondary Environmental Corridors

- If linking primary corridors, no minimum area or length criteria apply.
- If not linking primary corridors, must be at least 100 acres in size and one mile long.
- In 2000, secondary environmental corridors encompassed 924 acres, or about 5 percent of the Town.

Isolated Natural Resource Areas

- Encompasses at least five acres but not large enough to meet the size or length criteria for primary or secondary environmental corridors.
- In 2000, isolated natural resource areas accounted for 415 acres, or about 2 percent of the Town.

The primary environmental corridors in the Town are located principally along the Ashippun River and its tributaries, the Rubicon River and its tributaries, and within the Kettle Moraine State Forest on the east side of Pike Lake.

³Documented in SEWRPC Planning Report No. 42, A Regional Natural Areas and Critical Species Habitat Protection and Management Plan for Southeastern Wisconsin, September 1997.

Park and Open Space Sites

Washington County

The 277-acre Family Park/Washington County Golf Course and the 39-acre Joseph P. Marx Woods and Nature Preserve are County parks located in the Town. The 223-acre Heritage Trails Park in the Town of Polk is another County park that is conveniently located for a number of Town of Hartford residents.

Wisconsin Department of Natural Resources (DNR)

The DNR has acquired the Kettle Moraine State Forest-Pike Lake Unit which encompasses a total area of 695 acres, of which 474 acres are located in the Town of Hartford. The remainder of the site is located in the City of Hartford. In addition to land currently owned by the DNR, there is a larger project boundary associated with each of the larger DNR-owned areas. The Kettle Moraine State Forest-Pike Lake Unit project boundary encompasses 513 acres in the Town, of which 55 acres are privately held.

Private and Public-Interest Resource Oriented Park and Open Space Sites

As of 2008, one such acquisition had occurred in the Town of Hartford: a three-acre site acquired by the Ice Age Park and Trail Foundation.

Lands Under Protective Easements

One conservation easement existed in the Town in 2008: an easement held by the Ozaukee Washington Land Trust (OWLT) on a 37-acre site in Section 22 west of Pike Lake.

Town of Hartford Park and Open Space Sites

The Town of Hartford owns a small boat access site on the west side of Pike Lake, a 26-acre wetland mitigation site on the north side of Pike Lake and south of STH 60 (a portion of which includes the Pike Lake Sedge Meadow natural area), and a 12-acre picnic area/shelter adjacent to the Town Hall. Maple Park, a two-acre site owned by the City of Hartford, is also located in the Town.

Commercial and Organizational Park and Open Space Sites

There are six private park and open space sites located in the Town. Together, these six sites provide a total of 267 acres of recreational areas and open space.

Inventory of Cultural Resources

Thirty-three sites have been designated as County landmarks by the Washington County Landmarks Commission. One of the County Landmarks, the Gertsch Log Home on Pike Lake, is located in the Town.

Agricultural, Natural, and Cultural Resources Goals and Programs

Goals:

- Maintain and preserve the Town's overall rural character.
- Preserve agricultural lands and protect farming operations.
- Protect environmental resources.
- Allow expansion of extractive sites where impacts are minimal on adjacent land uses.
- Encourage preservation of historic and archaeological sites.

Programs:

- Encourage the continuation of agricultural uses in areas designated for agriculture on the Town land use plan map through administration of the Town's zoning and land division ordinances. Lands designated for Agricultural Preservation on the land use plan map should be placed in the Agricultural Preservation zoning district. Lands designated as Agricultural Transition on the land use plan map should be placed in the Agricultural Transition zoning district.

- Consider amending the Town zoning ordinance to establish a maximum number of residences that may be constructed for family members on parcels zoned AP or AT.
- Consider amending the Town zoning ordinance to include an Upland Conservancy district or to enact regulations to protect portions of primary and secondary environmental corridors located outside wetlands, floodplains, and shorelands.
- Following adoption of the Regional Water Supply Plan by SEWRPC, the Town Plan Commission and Town Board will consider amending this plan to incorporate pertinent recommendations.
- Consider amending the Town zoning map to place wetlands in the Wetland Conservancy zoning district.
- Continue to cooperate with Washington County to enforce the County construction site erosion control and stormwater management ordinance and the County shoreland and floodplain zoning ordinance within the Town to help protect water quality and to protect residents and property owners from flooding hazards.
- The Town will work with property owners and Washington County to achieve site planning to minimize erosion and disruption to slopes and vegetation. Review of development site and rezoning requests will include consideration of the placement of driveways and soil types. Driveways shall be routed so as to not disrupt steep slopes, and contain erosion control measures for slopes of 8-12 percent.
- Work with OWLT and other Nonprofit Conservation Organizations to protect primary and secondary environmental corridors, natural areas, critical species habitat sites, and other endangered species habitat areas.
- Work with SEWRPC to prepare and implement a management plan for the Pike Lake Sedge Meadow natural area, which is owned by the Town.
- Continue to maintain Town parks, open space sites, and public access sites and encourage the development of additional parks and recreational facilities as needs are identified and funding becomes available.
- Consider preparing and adopting a Town park and open space plan to become eligible to receive available State and Federal outdoor recreation grants.
- Continue to regulate nonmetallic mineral extraction in accordance with the Town zoning ordinance and nonmetallic mining reclamation ordinance.
- Enforce reclamation plans for gravel pits and other extractive sites.
- Upon request, forward appropriate Town records of historical value to interested organizations.

CHAPTER VI - LAND USE ELEMENT

Land Use Trends

- Between 1980 and 2000, the amount of land used for urban uses, including residential, commercial, industrial, and transportation uses, increased by 641 acres, from 1,633 acres to 2,274 acres, or about 39 percent. The amount of land used for residential, commercial, and industrial purposes more than doubled during this time period.
- The percentage of land classified as “nonurban” decreased by about 4 percent between 1980 and 2000. The amount of land used for agriculture decreased by 758 acres, or by about 6 percent. The number of acres in the “open lands” category, that is, lands that are vacant and apparently unused, increased by 23 acres between 1980 and 2000. The area in woodlands increased between 1980 and 2000, while the number of acres in wetlands decreased. The area within extractive sites increased by about 223 percent, from 35 acres in 1980 to 113 acres in 2000.

Existing Land Uses (2008)

Urban Land Uses

Urban land uses within the Town in 2008 included residential; commercial; industrial; governmental and institutional; recreational; and transportation, communication, and utility uses. Together, urban land uses encompassed 2,364 acres, or about 13 percent of the Town.

- Residential uses encompassed 1,210 acres, or about 51 percent of all urban land and about 7 percent of the Town. Almost all residential land use consisted of single-family homes, occupying 1,205 acres. The Town also includes a four-acre mobile home park and one acre developed with a multi-family residence.
- Commercial land encompassed 33 acres, or less than 1 percent of the Town.
- Industrial land encompassed about 44 acres, or less than 1 percent of the Town.
- Transportation, communication, and utility land uses encompassed about 637 acres, or about 4 percent of the Town.
- Government and institutional uses encompassed 17 acres, or less than 1 percent of the Town.
- Intensively used recreational land encompassed 423 acres, or 2 percent of the Town.

Nonurban Land Uses

Nonurban land uses consist of agricultural lands; natural resource areas, including surface waters, wetlands, and woodlands; extractive sites; and unused land. Nonurban land uses encompassed 15,794 acres, or about 87 percent of the Town, in 2008. Significant portions of the Town were used for agricultural purposes (about 61 percent).

- Agriculture was the predominant land use in the Town in 2008. Agricultural lands encompassed 11,133 acres, or about 61 percent of the Town. Agricultural lands include all croplands, pasture lands, and farm buildings.
- Natural resource areas consisting of surface water, wetlands, and woodlands combined to encompass 4,018 acres, or about 22 percent of the Town.
- Extractive sites encompassed about 156 acres, or about 1 percent of nonurban land uses and about 1 percent of the Town in 2008. There were two operating nonmetallic mining (extractive) sites in the Town. A third extractive site is currently used for stockpiling materials. There are also two inactive extractive sites.
- Open lands encompassed 479 acres, or about 3 percent of the Town. Open lands include lands in rural areas that are not being farmed, and other lands that have not been developed. Examples of lands in the latter category include undeveloped portions of park sites, lots that have been platted but not yet developed, undeveloped portions of commercial and industrial lots, and undeveloped portions of residential lots larger than five acres.
- There are no active landfills in the Town.

Town of Hartford Land Use Plan

The land use plan map for the Town of Hartford for the year 2035 is presented on Map 11 in Chapter VI. The 2035 land use plan builds on the land use plan adopted by the Town Board in 1996, which provided for farmland preservation, environmental protection, and controlled growth. Table 73 sets forth the number of acres and percent of the Town in each land use category. Information regarding the type of land uses intended to be accommodated in each land use category is provided in Chapter VI.

Land Use Goals and Programs

Goals:

- Limit development to maintain and preserve the Town's overall rural character.
- Preserve agricultural lands and protect farming operations.

- Protect environmental resources.
- Permit limited residential development in the Town.
- Provide for commercial development at select locations.
- Industrial development should be located in areas where adequate transportation facilities are available and surrounding uses are compatible.
- Allow expansion of extractive sites where impacts are minimal on adjacent land uses.

Programs:

- Implement the programs recommended in the Agricultural, Natural, and Cultural Resources Element (Chapter V) to protect agricultural lands and natural resources, and to accommodate nonmetallic mining (extractive) uses.
- Retain Town zoning as the primary means of regulating land uses in the Town.
- Consider amending the Town zoning ordinance and map as recommended in the Agricultural, Natural, and Cultural Resources Element to better protect primary and secondary environmental corridors.
- Continue to implement the site plan review and landscaping requirements of the Town zoning ordinance for residential, commercial, and industrial uses.
- Continue to work with the City of Hartford and the Villages of Richfield and Slinger to develop boundary and/or cooperative agreements to provide for orderly growth, appropriate services, and the protection of productive agricultural lands and natural resources.

Table 73

PLANNED LAND USES IN THE TOWN OF HARTFORD: 2035

Land Use Category	Acres	Percent
Agricultural Preservation	7,196	39.6
Agricultural Transition	3,076	17.0
Primary Environmental Corridor	2,626	14.5
Secondary Environmental Corridor	912	5.0
Urban Density Residential ^a	982	5.4
Rural Density Residential ^b	876	4.8
Commercial	257	1.4
Light Industrial	345	1.9
Institutional	25	0.1
Outdoor Recreation	417	2.3
Streets and Highways	589	3.2
Railroad	40	0.2
Utility	9	0.1
Extractive	303	1.7
Surface Water	505	2.8
Total	18,158	100.0

^aAllows residential uses with a minimum density of one home per 12,000 square feet in sewered areas or 40,000 square feet in unsewered areas.

^bAllows residential uses with a minimum density of one home per 12,000 square feet in sewered areas or 40,000 square feet in unsewered areas and a maximum density of one home per two acres.

Source: Town of Hartford and SEWRPC.

CHAPTER VII - HOUSING ELEMENT

Inventory and Projections

Total Housing Units

There were 1,438 housing units in the Town in 2000. About 89 percent, or 1,282, were owner-occupied and about 8 percent, or 115, were renter-occupied. About 3 percent of the total housing units, or 41 units, were vacant.

Vacancy Rate

The overall vacancy rate in the Town was 2.9 percent in 2000.

Value of Owner-Occupied Housing Units

The median value for owner-occupied housing units in the Town was \$168,200.

Median Sales Prices in 2006

In 2006, the median price for a home in the Town of Hartford was \$236,500; this is an increase of nearly 43 percent from the median price in 2000.

Monthly Housing Costs

The median monthly housing cost for homeowners **with a mortgage** was \$1,322.

- About 14 percent of homeowners spent between \$700 and \$999 and about 9 percent spent under \$700
- About 45 percent of homeowners with a mortgage spent between \$1,000 and \$1,499 on monthly housing costs
- About 26 percent spent between \$1,500 and \$1,999 and about 6 percent spent over \$2,000

The median monthly housing cost for homeowners **without a mortgage** was \$412.

- About 38 percent spent between \$300 and \$399 and another 38 percent spent between \$400 and \$499 on monthly housing costs
- About 14 percent spent between \$500 and \$699 on monthly housing costs
- About 7 percent spent less than \$300 and about 3 percent spent over \$700

Structure Type and Year Built

The total number of housing units increased from 665 to 1,427 from 1970 through 2000. During this same time period, the percentage of single-family housing units increased about 5 percent, from 88 to 93 percent. The number of multi-family housing units decreased from 55 housing units in 1970 to seven housing units in 2000. About 3 percent of units were in two-family structures and mobile homes or other types of residential structures each in 2000. Between 2000 and 2006, the total number of residential units increased from 1,427 to 1,479, or by 4 percent. The percentage of residential units in single family structures remained the same, about 93 percent. The percentage of units in two-family structures and mobile homes and other types of residential structures also remained the same, about 3 percent each in 2006. In addition, the percentage of units in multi-family structures remained the same, about 1 percent.

Affordable Housing Need Assessment

The Federal Department of Housing and Urban Development (HUD) defines housing affordability as households “paying no more than 30 percent of their income for housing.” Households that pay more than 30 percent of their monthly income for housing are considered to have a high housing cost burden. About 18 percent of households in the Town spent over 30 percent of their monthly income on housing costs in 2000. A full-time worker (40 hours per week) needed to earn \$40.79 per hour to afford a median priced home (\$236,500) in the Town in 2006.

Household Projection: 2035

The number of additional housing units needed between 2000 and 2035 to provide an adequate supply is determined by subtracting the number of housing units in 2000 (1,438 housing units) from the projected number of housing units needed in 2035. The resulting projected demand is about 505 additional housing units in the Town between 2000 and 2035. As of the end of 2007, there were an estimated 1,482 housing units in the Town, which would result in a need for an additional 461 housing units between 2008 and 2035.

Housing Goals and Programs

Goals:

- In cooperation with neighboring communities, support an appropriate range of housing types to serve the varied and special needs of area residents.
- Maintain the rural character of the Town outside planned sewer service areas.
- Support fair housing practices.
- Provide safe and decent housing for all Town residents.

Programs:

- Allocate sufficient area for residential development on the Town land use plan map to accommodate the anticipated population of the Town in 2035 and to provide areas for housing to serve the needs of persons of all income levels, ages, and persons with disabilities.

- Work with government agencies and developers to implement creative ideas for providing low and moderate income housing in the Town while maintaining appropriate densities.
- Consider amending the Town zoning ordinance to accommodate accessory units in residential zoning districts as an option for providing affordable housing and housing for the elderly and persons with disabilities.
- Consider amending the Town zoning ordinance to include a multi-family zoning district.
- Consider amending the Town zoning and subdivision ordinances to grant a density bonus in land divisions that provide for affordable housing.
- Continue to enforce the Town building code to ensure adequate insulation, heating, and plumbing.
- Work with existing housing agencies to identify programs and potential funding sources to assist homeowners with making needed repairs, including improvements to meet State and Federal lead-safe standards.
- Work with the Washington County Health Department to enforce State public health Statutes and County ordinances concerning dilapidated, unsafe, or unsanitary housing that poses a human health hazard.
- Continue to cooperate with Washington County to ensure the County has reviewed proposed land divisions for compliance with the County Land Division and Sanitary Ordinances relating to land suitability, wastewater treatment and disposal, and other applicable requirements.

CHAPTER VIII - TRANSPORTATION ELEMENT

Transportation Facilities and Services

Streets and Highways

In 2008, there were approximately 70 miles of streets and highways in the Town of Hartford,⁴ under the Town's Wisconsin Department of Transportation (WisDOT) certified mileage.

Arterial Streets

The arterial street and highway system is intended to provide a high degree of travel mobility, serving the through movement of traffic between and through urban areas.

- There were about 22.1 miles of arterial highways in the Town in 2008. About 8.9 miles were under the jurisdiction of WisDOT, including STH 83, 60 and 175. About 8.7 miles of arterial highways were under the jurisdiction of Washington County, including CTH N, CC, that portion of CTH E between CTH K and CTH CC, that portion of CTH K between the Hartford-Erin town line and STH 60, and that portion of CTH K along the Hartford-Addison town line east of STH 83.
- There were about 4.5 miles of arterial streets under Town jurisdiction, including that portion of Kettle Moraine Road between STH 60 and CTH K and that portion of Arthur Road between STH 83 and Kettle Moraine Road.

Collector and Land Access Streets

The primary function of land access streets is to provide access to abutting property. Collector streets are intended to serve primarily as connections between the arterial street system and the land access streets.

- In 2008, there were about 47.8 miles of collector and land access streets in the Town, including about 3.3 miles of non-arterial county highways (CTH U, that portion of CTH K along the Hartford-Addison town line west of STH 83, and that portion of CTH E along the Hartford-Erin town line between STH 83 and CTH K), and 44.5 miles under Town jurisdiction.

⁴Total street and highway mileage does not include private streets.

Rural and Small Urban Community Public Transportation

Washington County Shared-Ride Taxi System

- The Washington County Shared-Ride Taxi System is provided by Washington County. The system is designed to serve any trip made within Washington County during its operating hours. The County shared-ride taxi system serves all areas of the County except trips where both the origin and destination are located within the City of West Bend or the City of Hartford.

City of Hartford Transport Taxi System

- The Hartford Transport Taxi Service consists of two vehicles operated by the City of Hartford. Service is provided to City residents in specified locations, which include City limits and up to one mile outside City limits and out of town service to and from the City of Hartford to General Mitchell International Airport, Columbus Train Depot, the Milwaukee Downtown Bus Depot, the Aurora Health Center in Slinger, and up to 10 miles into Dodge County.

Medical Related Transportation Services

- Washington County has multiple free transportation services to assist County residents by providing transportation to and from medical facilities. They include:
 - American Cancer Society Road to Recovery – Offering cancer patients free transportation to medical appointments. Operates weekdays from 8:00 a.m. to 4:30 p.m.
 - American Red Cross, West Bend Chapter – Services include assistance to veterans and their families by providing transportation for ambulatory people to medical and dental appointments. Service is provided Monday through Friday. The West Bend Chapter serves West Bend, Jackson, Kewaskum, Slinger, Hartford, Barton, Farmington, Trenton, and Wayne only. Transportation is also provided for medical appointments outside Washington County.
 - Life Star Medical Transport – Provides non-emergency specialized transportation.

Bikeways

On-street and off-street bikeways are located in the City of West Bend, and between the City of Hartford and Pike Lake State Park. The Pike Lake trail extends about four miles from the City of Hartford to the Pike Lake Unit of the Kettle Moraine State Forest. The bikeway is located in the right-of-way of STH 60 from South Wilson Avenue to Pike Lake Drive, and off-street from that point into the State Forest. The Town of Hartford contains 1.6 miles of bikeway (0.87 miles of on-street bikeway and 0.75 miles of off-street bikeway).

Rail Freight Services

The Canadian National (CN) Railway operates freight service over an approximately 25 mile segment of mainline railway traveling north through the western half of the County towards Duluth-Superior via Fond Du Lac, and runs through the very northeast corner of the Town of Hartford.

Airports

- Chartered air service and air freight services are provided at two publicly-owned public-use airports in Washington County: West Bend Municipal Airport and Hartford Municipal Airport.
- Privately-owned Hahn Sky Ranch in the Town of Wayne is available for public use, although use of the Hahn Sky Ranch is limited by unpaved runways and lack of lights.
- Commercial airline service is provided to residents of the County by General Mitchell International Airport, located in eastern Milwaukee County. Also, Lawrence Timmerman Field located in western Milwaukee County is capable of accommodating most types of general aviation aircraft.
- There are two private-use airports in the County: Erin Aero in the Town of Erin and Willow Creek in the Village of Germantown. The airports provide turf runways and limited lighting, navigational aids, and

other support facilities. Private heliports are located at St. Joseph's Community Hospital in the Town of Polk and Hartford Hospital in the City of Hartford. The Wisconsin National Guard operates a heliport at the West Bend Airport. These airports and heliports are restricted use facilities and are not open for use by the general public.

Transportation Goals and Programs

Goals:

- Maintain a safe and efficient transportation system in the Town.
- Build, maintain, and improve Town roads in a timely and well-planned manner.

Programs:

- Notify Washington County when a certified survey map (CSM) is submitted for a land division adjacent to a County highway, and request County input regarding the appropriate right-of-way for and access to the highway.
- Consider connections to existing or future development on adjacent parcels when reviewing site plans, preliminary plats, and certified survey maps.
- Consider incorporating desired policies from State long-range transportation planning efforts, including *Connections 2030*, into Town of Hartford plans.
- As required by State law, continue to use the Wisconsin Information System for Local Roads (WISLR); continue to update road ratings, as required; and seek outside funds to help with street improvements.
- Work with Washington County and private service providers, where appropriate, to improve public transportation for persons with disabilities to increase access to jobs and community activities.
- Work with Washington County to determine if there is a need for additional Washington County Commuter Express Bus System routes and park-ride lots to serve Town residents.
- Continue to participate in the annual bridge inspection program conducted by Washington County.
- Continue to work with Washington County and SEWRPC to prepare and implement the Washington County Jurisdictional Highway System Plan (Maps 14 and 15 in Chapter VIII) and the Transportation Improvement Program.
- Conform to the existing topography and landscape, if possible, when constructing new streets.
- Lay out streets so that all vehicles, especially emergency vehicles, can travel in a safe and efficient manner.
- The Town will strive to ensure local street connectivity and the proper location of new streets during the review of all site plans, Certified Survey Maps, condominium plats, and subdivision plats as new development is proposed.

CHAPTER IX - UTILITIES AND COMMUNITY FACILITIES ELEMENT

Existing Utilities and Community Facilities

Wastewater Treatment and Disposal

- Centralized sanitary sewage collection, treatment, and disposal in the Town is provided through the Hilldale Sanitary District and Pike Lake Utility District. Parcels that are not connected to a centralized sewerage system are served by private onsite waste treatment systems (POWTS). Washington County regulates POWTS in the Town under the County Sanitary Code, which is Chapter 25 of the County Code of Ordinances.
- Between 1980 and 2006, permits were issued for 498 POWTS in the Town.

Water Supply

- The Town does not have a public water supply system. Most water for domestic and other uses in the Town, including areas in the Hilldale Sanitary District and the Pike Lake Utility District, is supplied by groundwater through the use of private wells. Private wells in the Town of Hartford draw water from the shallow aquifer.
- There is one community water system in the Town, which serves the Voights Lakeside Estates subdivision.

Stormwater Management

- Stormwater in the Town of Hartford drains through natural watercourses, roadside ditches, and culverts. The Town does not have a centralized storm sewer system.

Solid Waste Disposal

- The Town of Hartford does not provide for solid waste collection. Town residents contract privately with either Veolia Environmental Services or Waste Management for individual garbage collection services.

Recycling Facilities

- Each local government in Washington County carries out a recycling program for household waste (no hazardous waste) within its jurisdiction. A recycling center, located at the Town Hall, serves the recycling needs of Town of Hartford residents. The center also serves Town of Erin residents.

Road Maintenance

- The Town of Hartford Highway Department is responsible for maintaining about 49 miles of Town roads. Duties include conducting summer maintenance such as pavement markings, mowing roadsides, grading gravel shoulders, replacing cross road culverts, cleaning roadside ditches, and installing street signs.
- The Highway Department also coordinates road paving and reconstruction projects in the Town, plows snow, and enforces Town ordinances relating to driveway construction and maintenance, driveway culverts, and weight limits on Town roads.
- Washington County provides the Town assistance with road construction and maintenance, such as centerline striping, on a contract (fee for service) basis.

Parks

- As of 2008, the Town of Hartford owned three park and open space sites, the 12-acre Town of Hartford Park, a 26-acre wetland mitigation site on the north side of Pike Lake, and a one-acre boat access site on the west side of Pike Lake.
- Maple Park, a two-acre site owned by the City of Hartford, is also located in the Town.
- There were also two County-owned park and open space sites located in the Town, the 277-acre Family Park/Washington County Golf Course and the 39-acre Joseph P. Marx Woods and Nature Preserve.
- A 474-acre portion of the Kettle Moraine State Forest – Pike Lake Unit, was also located in the Town.
- Together, these seven sites provide 831 acres of publicly-owned park and open space.
- There were also six private sites located in the Town encompassing 267 acres, for a total of 1,098 acres within park and open space sites.

Power Plants and Transmission Lines

- We Energies provides electric power and natural gas service throughout the Town; however, some Town residents currently use propane tanks rather than natural gas.

- Several high-voltage (69 kilovolts or higher) electric power transmission corridors owned by the American Transmission Company (ATC) cross the Town.

Street Lighting

- The Town provides street lighting within the hamlet of St. Lawrence along STH 175, on Lake Drive near the Pike Lake Inn, and on CTH K at the Town Hall driveway.

Cemeteries

- There are two cemeteries in the Town of Hartford, both of which are associated with a church: St. Lawrence Catholic Cemetery and the new St. Peter Catholic Cemetery.

Health Care Facilities

- There are no hospitals or clinics for non-specialized medical services located within the Town, but health care facilities are located in nearby communities.

Assisted Living Facilities

- No facilities for persons of advanced age were located in the Town, but such facilities are available nearby in the City of Hartford and the Villages of Germantown and Slinger.
- There were no facilities for persons with physical or mental disabilities located in the Town, but such facilities are available nearby in the Villages of Germantown and Slinger and the Cities of Hartford and West Bend. Because a majority of the existing facilities are located in urbanized areas, provided with sewer and water, it would be difficult for the Town to attract assisted living facilities to the Town. However, the Town supports and encourages the expansion or development of assisted living facilities for persons with disabilities or for the elderly in appropriate locations.

Child Care Facilities

- In 2006, there were no licensed group child care centers or licensed family child care centers in the Town of Hartford, but child care facilities were located in nearby communities to serve Town residents.

Police Protection

- The Town employs a chief of police who oversees the lake patrol, enforces Town ordinances, and acts as the Town's emergency management director. The lake patrol regulates activity on and adjacent to Pike Lake, in accordance with the Town's lake use ordinance.
- Police protection in the Town of Hartford is also provided by the Washington County Sheriff's Department, which is based in the City of West Bend. The Town anticipates reliance on the Washington County Sheriff's Department for police protection services through 2035. The Town also encourages the Sheriff's Department to monitor the personnel, equipment, and facilities yearly to ensure they are adequate to serve Town and other County residents. The Town also supports Washington County in continuing to provide the countywide Public Safety Answering Point system operated by the Sheriff's Department for emergency dispatch services for the Town.

Fire Protection

- Fire protection is provided by two fire departments. The Hartford Fire Department, operated by the City of Hartford and consisting of 58 paid on-call and two full-time employees, serves the largest portion of the Town. The St. Lawrence Volunteer Fire Department, operated privately and consisting of 42 volunteer firefighters, serves the northeastern portion of the Town. The Town encourages both fire departments to conduct periodic needs assessment studies to determine if the department has sufficient fire-fighters, equipment, water supply, and facilities to adequately protect the Town.

Emergency Medical Services

- Emergency medical service units associated with the two fire departments provide emergency rescue services in the Town. The Washington County Sheriff's Department maintains a DIVE team that serves all communities in the County. The Town encourages each department to conduct periodic needs assessment studies to determine if the departments have sufficient personnel, equipment, and facilities to adequately protect the Town and other communities they serve.
- The Washington County Emergency Management Department prepares and updates county emergency operation plans; coordinates emergency training exercises; communicates to the public about emergency preparedness; and responds to incidents throughout Washington County, including those involving hazardous materials. The Town Chief of Police serves as the contact person for the coordination of emergency services in the Town.

Libraries

- The Town of Hartford does not have a public library. The nearest library is the Hartford Public Library in the City of Hartford.

Schools

- The Town of Hartford lies primarily within the Hartford J1 School District (serving Kindergarten through 8th grade) and Hartford Union High School District, although the easternmost portion of the Town lies within the Slinger School District, and a portion of the Rubicon J6 Elementary School District is located in the southwest portion of the Town. None of the districts operate schools in the Town. Public school students living in the Town attend schools in the City of Hartford, Village of Slinger, or Town of Addison.

Hartford Town Hall

- The Town Hall is located on the east side of CTH K, south of STH 60. The Town Hall includes a meeting room, two offices, and a kitchenette. Facilities at Town Hall include a picnic shelter, recycling center, and youth football fields used by the Hartford Youth Football Club. The Town Hall is available to Town residents and businesses for private rental. In addition to holding Town meetings, the Town Hall also serves as the Town's only polling place.

Utilities and Community Facilities Goals and Programs

Goals:

- Provide community facilities appropriate for a rural town.
- Maintain services in the Town, including law enforcement and emergency services, Pike Lake patrols, the Town Park, road improvement and repair, and recycling services.
- Provide a safe, secure, and healthful environment and a high quality of life for Town residents.
- Cooperate with other units and agencies of government, where appropriate, to provide cost-effective government services.
- Cooperate with private service providers to ensure Town residents receive appropriate services.

Programs:

- Consider conducting a needs assessment and adopting an impact fee ordinance for facilities provided by the Town.
- Consider preparing a Town stormwater management plan to provide for comprehensive and coordinated stormwater management facilities and measures.

- Continue to work with Washington County to administer the County erosion control and stormwater management ordinance in the Town.
- Continue to cooperate with Washington County in the implementation of Chapter 25, Sanitary Code, of the Washington County Code of Ordinances, which includes the regulation of private onsite wastewater treatment systems (POWTS) in the Town.
- Initiate contacts with Washington County and adjacent communities prior to constructing new public facilities or initiating or expanding Town services to determine if there are opportunities for joint facilities or services.
- Cooperate with Washington County and adjacent communities when approached to consider joint service agreements or facilities.
- Explore a partnership with Washington County for recycling programs and facilities, including establishment of household hazardous waste collection sites and facilities.

CHAPTER X - ECONOMIC DEVELOPMENT ELEMENT

Inventory and Analysis

Labor Force

- There were 2,462 employed persons residing in the Town and 2,510 Town residents in the labor force in 2000.
- Employed persons comprised about 62 percent of the total population of the Town in 2000.
- There were 48 unemployed persons age 16 or older, or about 2 percent of the labor force.
- About 18 percent of Town residents, or 537 persons, 16 years of age or older did not participate in the labor force in 2000.⁵
- About 58 percent of employed Town residents worked within Washington County, including about 25 percent in the City of Hartford, and about 42 percent of residents traveled outside the County for employment.
- Of the 42 percent of Town residents who traveled outside the County for employment, about 19 percent worked in Milwaukee County and about 14 percent worked in Waukesha County.
- Town residents employed in management, professional, and related occupations comprised the largest percentage of the employed labor force at about 29 percent, or 721 workers.

Employment

Number and Type of Jobs

- In 1950, there were 10,200 jobs located in the County. Between 1950 and 2000, the number of jobs located in the County grew by 505 percent, which was significantly higher than the 113 percent job growth experienced in the Region over the same time period.
- In 2000, the Town of Hartford had 995 jobs.

Major Employment Types

The manufacturing industry led Washington County in number of jobs in 2004, despite the drop in the number of manufacturing jobs from 17,307 in 2000 to 14,178 in 2004. The next five largest private employment categories were:

⁵Persons age 16 and older who did not participate in the labor force include only those persons who did not work nor seek employment.

- Retail trade – 7,848 jobs
- Health care and social assistance – 5,349 jobs
- Construction – 4,404 jobs
- Accommodation and food services – 4,297 jobs
- Other services, except public administration – 3,951 jobs

Employment Locations

- Larger employers in the Town include Lee Precision, Inc., Hahn True Value Hardware, The Hartford Golf Club, Inc., Timlin's Furniture of Hartford, Inc., and Washington County Golf Course.

Personal Income

- The median household income in the Town was \$69,896, which was \$12,863 more than the median household income in the County (\$57,033), \$23,309 more than the median household income in the Region (\$46,587), \$26,105 more than the median household income in the State (\$43,791), and \$27,902 more than the household income in the Nation (\$41,994).

Commercial and Industrial Areas

The Town of Hartford and Washington County have a strong economic base, as indicated by labor force and household income characteristics. In addition to positive labor force characteristics, the Town and County must ensure that an adequate number of sites for business creation, retention, expansion, and attraction are identified to maintain the strong economic base. The Town land use plan map designates 532 acres for commercial and industrial development in 2035, which is an increase of 455 acres from the 77 acres developed for such uses in 2008.

Economic Projections

- The total number of jobs in the County is projected to increase by 17,170 jobs, or by about 28 percent; from 61,691 jobs in 2000 to 78,861 jobs in 2035.
- The Town selected an employment projection of about 2,300 jobs in 2035, which is based on a continuation of employment trends in the Town between 1980 and 2005. There were 995 jobs in the Town in 2000.

Economic Development Goals and Programs

Goals:

- Preserve agricultural lands and protect farming operations.
- Provide for commercial development at select locations.
- Industrial development should be located in areas where adequate transportation facilities are available and surrounding uses are compatible.
- Allow extractive sites in areas where impacts are minimal on adjacent land uses.
- Communicate with existing local businesses and work to retain them, if possible.

Programs:

- Implement the programs recommended in the Agricultural, Natural, and Cultural Resources Element (Chapter V) to protect agricultural lands and to accommodate nonmetallic mining (extractive) uses.
- Identify suitable areas for commercial and industrial development on the Town land use plan map.
- Continue to implement the site plan review and landscaping requirements of the Town zoning ordinance for commercial and industrial uses.

CHAPTER XI - INTERGOVERNMENTAL COOPERATION ELEMENT

Benefits of Intergovernmental Cooperation

- Cost Savings
- Address Regional Issues
- Early Identification of Issues
- Reduced Litigation
- Understanding
- Trust
- History of Success

Analysis of Intergovernmental Relationships

Adjacent Local Governments

The Town has a 20-year boundary agreement with the City of Hartford, Village of Richfield, and Town of Erin. The Town has an agreement with the City of Hartford for fire protection services for a large portion of the Town and an agreement for sewage collection and treatment for the Pike Lake Utility District. The Town has an agreement with the Village of Slinger for sewage collection and treatment for the Hilldale Sanitary District. The Town has agreements with the Town of Erin for a joint recycling drop-off site and maintenance of roads on the south Town line that are not under County or State jurisdiction.

State, County, and Regional Agencies

Washington County

Washington County provides a number of services to the Town and Town residents. The following are a few of the County departments that provide services to local governments:

- Planning and Parks Department
- Highway Department
- Sheriff's Department
- Emergency Management Department

SEWRPC

- Washington County and local governments in the County are served by the Southeastern Wisconsin Regional Planning Commission (SEWRPC). Washington County contracted with SEWRPC to assist the County and 11 participating local governments to help prepare the County and local comprehensive plans. SEWRPC helped the Town prepare this comprehensive plan as part of that multi-jurisdictional planning process.
- SEWRPC also prepares a regional land use plan, which includes population, employment, and household projections to assist in local and county planning efforts, and is the federally-designated transportation planning and programming agency for the seven-county region.⁶
- SEWRPC is also the regional water quality management agency for the region, and is involved in many other aspects of land use planning and development, including the County jurisdictional highway system plan, the regional water supply plan, and the regional telecommunications plan.

⁶The seven Counties in the SEWRPC region are Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha.

Milwaukee 7

- The Milwaukee 7 is a council of representatives from the seven Southeastern Wisconsin counties (same seven counties within the SEWRPC area). The council, made up of about 35 civic and business leaders, was formed with the idea that a regional approach is key to fostering economic growth.

Wisconsin Department of Transportation (WisDOT)

- In partnership with local governments, the County, and SEWRPC, WisDOT administers a variety of State and Federal programs to complete projects that enhance the transportation network within Washington County and the Town.

Wisconsin Department of Natural Resources (DNR)

- The DNR makes grants available to County and local units of government for park acquisition and development. A County or local government must prepare and adopt a park plan to be eligible to receive recreational grant funds from the DNR. The Town has not yet adopted such a plan.
- The DNR is also working with the Federal Emergency Management Agency (FEMA) and Washington County to update floodplain mapping within the County. The floodplain update is expected to be completed in 2009.

Department of Commerce

- The Wisconsin Department of Commerce administers regulations for POWTS in the State of Wisconsin. The Washington County Planning and Parks Department works closely with the Department of Commerce to implement the regulations. The Planning and Parks Department enforces POWTS regulations in all local governments in the County, including the Town.

Special-Purpose Units of Government

Farm Drainage Districts

Farm drainage districts are special-purpose units of government authorized under Chapter 88 of the *Wisconsin Statutes*. Farm drainage districts are formed to plan and carry out area-wide drainage improvements to correct problems of high water tables and poor drainage that interfere with agricultural uses and practices. There is one active drainage district in Washington County, the Hartford/Addison Drainage District located in the southern portion of the Town of Addison and the northern portion of the Town of Hartford.

Sanitary and Utility Districts

Sanitary and utility districts allow landowners in unincorporated areas an opportunity to form a special-purpose unit of government to provide certain urban services such as garbage removal, water supply, sewage disposal, and stormwater management. There is one sanitary district, the Hilldale Sanitary District, and one utility district, the Pike Lake Utility District, located in the Town. Both districts provide sanitary sewer service to portions of the Town.

Inland Lake Protection and Rehabilitation Districts

Inland lake protection and rehabilitation districts are another special-purpose unit of government, which may be created pursuant to Chapter 33 of the *Statutes*. A Lake Protection and Rehabilitation District has been formed for Pike Lake.

School Districts

- The Town of Hartford lies within the Rubicon J6, Hartford J1, and Slinger elementary school districts, and the Hartford and Slinger high school districts. There are no schools located in the Town.
- School districts should work with the Town when proposing to construct new facilities or additions to existing facilities, or when proposing to abandon a school district facility. Schools and other district facilities are subject to Town zoning regulations.

Libraries

- Washington County contracts with each library to provide library services to County residents living in communities without a municipal library, such as the Town of Hartford.

Intergovernmental Conflicts and Dispute Resolution

A dispute resolution process was developed as part of the Washington County multi-jurisdictional comprehensive planning process. This process is intended to provide an alternative way of resolving disputes between adjacent local governments, or local governments and the County, that arise from implementation of adopted comprehensive plans. The dispute resolution process is a **voluntary** process administered by the Washington County Planning and Parks Department.

The alternative dispute resolution process is intended to provide a low-cost, flexible approach to resolving disputes between governmental entities arising from the adoption of the comprehensive plan. This process works to resolve actual and potential conflicts between governmental entities through open dialog and cooperative initiatives and is not intended to be used by parties dissatisfied with the appropriate application of local rules and regulations within a County or local government.

The dispute resolution process involves multiple stages if a conflict is not immediately resolved. The process begins with alternative dispute resolution techniques, including informal negotiations among and between the disputing parties. If these efforts are unsuccessful, facilitated negotiation utilizing the Washington County Multi-jurisdictional Dispute Resolution Panel may be used, followed by mediation. Arbitration and litigation, more traditional dispute resolution techniques, are the remaining stages and tend to be slower and more costly than the foregoing stages.

Intergovernmental Cooperation Goals and Programs

Goals:

- Establish and/or continue cooperative planning with surrounding communities.
- Coordinate with special-purpose districts (school, drainage, sanitary, utility, and lake districts) as they plan and locate facilities.

Programs:

- Initiate contacts with Washington County and adjacent communities prior to constructing new public facilities or initiating or expanding Town services to determine if there are opportunities for joint facilities or services.
- Cooperate with Washington County and adjacent communities when approached to consider joint service agreements or facilities.
- Work with Washington County to complete the procedure necessary for Town participation in the Washington County Multi-Jurisdictional Dispute Resolution Panel.
- Continue joint planning efforts with the City of Hartford.
- Continue joint planning efforts with the Village of Slinger.
- Coordinate planning of the St. Lawrence area and the CTH K corridor with the Town of Addison.
- Work with school district officials, on request, to explain the type of permits required from the Town before selecting and buying a site; the recommendations of the Town land use plan map; and other information that would assist the districts in planning for future school facilities.

CHAPTER XII - IMPLEMENTATION ELEMENT

Plan Amendments and Updates

The comprehensive plan should be reviewed periodically to ensure that the land use plan map and plan categories, the goals, objectives, policies and programs, and other plan information reflects current conditions, and that the

plan is achieving its intended goals. If it is determined that plan text, maps, or other features of the plan are not satisfactory, a plan amendment may be necessary. Chapter XII sets forth the procedure for amending the plan.

Consistency Between The Comprehensive Plan And Town Ordinances

Section 66.1001(3) of the *Statutes* requires that the following ordinances be consistent with a unit of government's comprehensive plan by January 1, 2010:

- Official mapping established or amended under Section 62.23(6) of the *Statutes*.
- County or local subdivision regulations under Section 236.45 or 236.46 of the *Statutes*.
- County zoning ordinances enacted or amended under Section 59.69 of the *Statutes*.
- City or village zoning ordinances enacted or amended under Section 62.23(7) of the *Statutes*.
- Town zoning ordinances enacted or amended under Section 60.61 or 60.62 of the *Statutes*.
- Zoning of shorelands or wetlands in shorelands under Section 59.692 (for counties), 61.351 (for villages), or 62.231 (for cities) of the *Statutes*.

The Town has adopted a zoning ordinance and a land division (subdivision) ordinance. As of January 1, 2010, both ordinances must be consistent with this Town comprehensive plan. Chapter XII lists changes to the Town zoning ordinance and map that will be considered by the Town Board to achieve consistency. Minor changes to the Town subdivision ordinance will also be considered.

Program Prioritization

The comprehensive planning law requires the Implementation Element to include a compilation of programs, in a specified sequence, to implement the recommendations set forth in the other required plan elements. The Town of Hartford Plan Commission reviewed the programs developed in the previous seven elements (there are no programs recommended in the Issues and Opportunities Element) and developed a relative priority ranking for their implementation. Recommended priorities for implementing programs are presented in Table 72 in Chapter XII. Any new programs recommended in this plan must be individually reviewed and approved by the Town Board through the annual budget process prior to implementation.

APPENDICES

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Appendix A

**RESOLUTION TO PARTICIPATE
IN THE MULTI-JURISDICTIONAL
COMPREHENSIVE PLANNING PROCESS**

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RESOLUTION No. 2004-06

AUTHORIZATION TO PARTICIPATE IN THE DEVELOPMENT OF A MULTI-JURISDICTIONAL COMPREHENSIVE PLAN AND TO SUPPORT WASHINGTON COUNTY'S APPLICATION FOR A COMPREHENSIVE PLANNING GRANT.

WHEREAS, the Town Board of the Town of Hartford, in cooperation with Washington County and the Southeastern Wisconsin Regional Planning Commission (SEWRPC), acknowledges the benefits of cooperative comprehensive planning by the preparation of a Multi-jurisdictional Comprehensive Plan for the general purpose of guiding and accomplishing coordinated, adjusted, and harmonious development within Washington County and the Town of Hartford; and

WHEREAS, the Town Board of the Town of Hartford acknowledges the requirements of Wisconsin's Comprehensive Planning Law in accordance with §66.1001, and §16.965(4) of the Wisconsin Statutes, including the adoption of a comprehensive plan; and that funding is available from the Wisconsin Department of Administration to financially assist the County and participating local governments in preparing comprehensive plans; and

WHEREAS, Washington County will apply for Department of Administration funds to aid in the development of a Multi-jurisdictional Comprehensive Plan on behalf of the Town of Hartford, which is eligible to receive \$18,000 in grant funding; and

WHEREAS, an award of grant monies by the Wisconsin Department of Administration through this grant process will require matching grant funds from the County which will be fully satisfied by the in-kind services by the County and SEWRPC; and

WHEREAS, if a State grant is awarded, those grant monies will be used by Washington County and SEWRPC to prepare a Multi-jurisdictional Comprehensive Plan for Washington County that will contain sufficient detail to serve as a comprehensive plan for the County and for each participating Town and Village; and

WHEREAS, if a State grant is awarded, preparation of comprehensive plans for the Town and County will require a minimal out-of-pocket contribution from the Town, except for the cost of producing any local plan documents and any supplemental information desired by the Town; and

WHEREAS, any participating local government that does not adopt the multi-jurisdictional plan or a local plan by the end of the grant period in April 2009, or any local government that withdraws from the multi-jurisdictional planning effort after the grant agreement between the County and the Department of Administration has been signed, will be required to reimburse the County up to the full local government share of the grant award, depending on the stage of planning process at the time the local government withdraws from the process; and

WHEREAS, Washington County and local municipalities have established a Multi-jurisdictional Comprehensive Planning Work Group that has been meeting monthly to prepare a work program, public participation plan, and comprehensive planning grant application due November 1, 2004; and

WHEREAS, the Multi-jurisdictional Work Program developed by the Multi-jurisdictional Comprehensive Planning Work Group including partnering local municipalities, Washington County, the Southeastern Wisconsin Regional Planning Commission and the University of Wisconsin-Extension includes written details outlining the planning process, underlying assumptions, committee structure, report format, schedule and responsibilities of Washington County, SEWRPC and local government partners; and

WHEREAS, as part of participating in the Washington County multi-jurisdictional planning process, the Town has the option of contracting with SEWRPC to prepare an individual plan document based on the County plan for review and adoption by the Town Board, which will satisfy the requirements specified in Wisconsin's Comprehensive Planning Law.

NOW, THEREFORE, BE IT RESOLVED that the Town Board of the Town of Hartford hereby agrees to participate in the development of a Multi-jurisdictional Comprehensive Plan in cooperation with other communities in Washington County; the County; and SEWRPC pursuant to §66.1001, and §16.965(4) of the Wisconsin Statutes, provided the County is awarded a 2005 comprehensive planning grant by the State of Wisconsin;

BE IT FURTHER RESOLVED that the Town Board of the Town of Hartford hereby agrees to the procedures and responsibilities outlined in the Multi-jurisdictional Work Program, dated August 2004,

developed by the Multi-jurisdictional Comprehensive Planning Work Group as its planning procedures, provided Washington County is awarded a 2005 comprehensive planning grant by the State of Wisconsin;

BE IT FURTHER RESOLVED that the Town Board of the Town of Hartford hereby agrees to authorize Washington County to apply for Department of Administration funds to aid in the development of a Multi-jurisdictional Comprehensive Plan on behalf of the Town of Hartford.

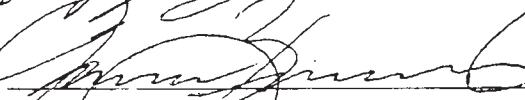
BE IT FURTHER RESOLVED that the Town Board of the Town of Hartford authorizes the Town Board Chair to execute the appropriate cooperative agreement and any and all documents to accomplish the proposal outlined herein for this multi-jurisdictional comprehensive planning process.

Dated this 13TH day of SEPTEMBER, 2004.

Motion for adoption moved by



Motion for adoption seconded by




Voting Aye:

3

Nay:

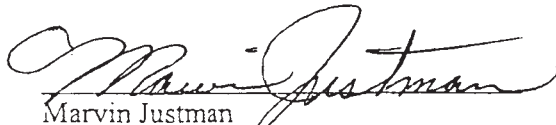
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APPROVED:



Patricia Hoerth
Town Chairperson

ATTEST:


Marvin Justman
Town Clerk

*Prepared by the Planning Division of the Washington County
Planning and Parks Department and the Southeastern
Wisconsin Regional Planning Commission – August 30, 2004*

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Appendix B

**RESOLUTION ADOPTING THE
PUBLIC PARTICIPATION PLAN**

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RESOLUTION No. 2004-07

ESTABLISHING PUBLIC PARTICIPATION PROCEDURES
FOR THE MULTI-JURISDICTIONAL COMPREHENSIVE PLANNING PROCESS

WHEREAS, pursuant to §66.1001, Wis. Stats., all units of government which engage in zoning, subdivision, or official mapping must adopt a comprehensive plan by the year 2010; and

WHEREAS, the Town of Hartford has decided to prepare a comprehensive (master) plan under the authority of and procedures established by S62.23(3) and S66.1001(4), Wisconsin Statutes; and

WHEREAS, S66.1001(4)(a), Wisconsin Statutes, requires that the governing body of the local governmental unit adopt written procedures designed to foster public participation at every stage of comprehensive plan preparation, and that such written procedures shall also provide for wide distribution of draft plan materials, an opportunity for the public to submit written comments on the plan materials, and a process for the governing body to respond to such comments; and

WHEREAS, Washington County and the Town of Hartford have established a Multi-Jurisdictional Comprehensive Planning Work Group that has been meeting monthly to prepare a public participation plan in preparation for a State of Wisconsin comprehensive planning grant application due November 1, 2004; and

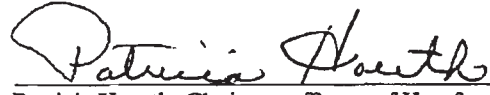
WHEREAS, the Town of Hartford believes that regular, meaningful public involvement in the comprehensive plan process is important to assure that the resulting plans are based on public input; and

WHEREAS, the Public Participation Plan developed by the Multi-Jurisdictional Comprehensive Planning Work Group including the Town of Hartford, Washington County, the Southeastern Wisconsin Regional Planning Commission and the University of Wisconsin-Extension includes written procedures to foster public participation, ensure wide distribution of draft plan materials, provide opportunities for written comments on such materials, and provide mechanisms to respond to such comments.


NOW, THEREFORE, BE IT RESOLVED that the Board of Supervisors of the Town of Hartford hereby adopts the written procedures included in the Final Draft Public Participation Plan, dated July 2004, developed by the Multi-Jurisdictional Comprehensive Planning Work Group as its public participation procedures meeting the requirements of

S66.1001(4)(a), Wisconsin Statutes provided Washington County is awarded a 2005 comprehensive planning grant by the State of Wisconsin.

Resolution Adopted: 9-13-04


Patricia Hoerth, Chairman, Town of Hartford

ATTEST:


Marvin Justman, Town Clerk

Appendix C

SUMMARY OF LAND USE RELATED EXTRATERRITORIAL AUTHORITIES

Introduction

Cities and villages in Wisconsin have several types of extraterritorial authority that may affect land development in adjacent towns. Under the *Wisconsin Statutes*, cities and villages have authority to exercise extraterritorial planning, platting (subdivision review), and official mapping by right. In order to exercise extraterritorial zoning, cities and villages must work cooperatively with the adjoining town to develop an extraterritorial zoning ordinance and map. Cities and villages also have extraterritorial authority over offensive industries and smoke emissions. Cities, villages, and towns have limited extraterritorial authority over navigational aids and uses surrounding airports owned by the city, village, or town. Each of these extraterritorial authorities is summarized below.

Extraterritorial Planning

Under Section 62.23(2) of the *Statutes*, the plan commission of a city has “the function and duty” to “make and adopt a master plan for the physical development of the city, including any areas outside of its boundaries that in the commission's judgment bear relation to the development of the city.” Section 61.35 grants this same authority to village plan commissions. The *Statutes* do not specify the distance outside the city or village boundaries that may be included in the city or village master plan.

Because the comprehensive planning law (Section 66.1001 of the *Statutes*) defines a city or village comprehensive plan as a plan developed in accordance with Section 62.23(2) or (3), a city or village comprehensive plan presumably could also include areas outside the city or village corporate limits, including any areas outside the city or village boundaries that in the plan commission's judgment bear relation to the development of the city or village.

The comprehensive planning law defines a county comprehensive plan as a plan developed under Section 59.69(2) or (3) of the *Statutes*. Section 59.69(3) sets forth the requirements for preparing and adopting a county development plan. Section 59.69(3)(b) requires that a County development plan shall include, without change, the master plan of a city or village adopted under Section 62.23(2) or (3). It is unclear, however, if a county development plan must include a city or village plan for areas outside the limits of a city or village. Regardless of whether the recommendations of a city or village plan for areas outside its corporate limits are incorporated into a county development or comprehensive plan, Section 59.69(3)(e) of the *Statutes* states that “a master plan adopted under Section 62.23(2) and (3) and an official map that is established under Section 62.23(6) shall control in unincorporated territory in a county affected thereby, whether or not such action occurs before the adoption of a development plan.”

The language in Section 59.69(3)(e) of the *Statutes* appears to mean that, as of 2010, county actions and programs affecting land use in unincorporated areas included in a city or village master (or comprehensive) plan or official map must be consistent with the city or village plan or official map. It is unclear how this requirement would be applied in situations where a city or village plan recommendation for a specific property conflicted with a county responsibility under another statutory or regulatory requirement, such as shoreland zoning.

Town actions and programs (for example, zoning decisions) affecting land use in the extraterritorial area of a city or village must be consistent with the town comprehensive plan.

Extraterritorial Platting

Under Section 236.10 of the *Statutes*, a city or village may review, and approve or reject, subdivision plats located within its extraterritorial area if it has adopted a subdivision ordinance or an official map. Section 236.02 of the *Statutes* defines the extraterritorial plat review jurisdiction as the unincorporated area within three miles of the corporate limits of a city of the first, second, or third class, or within 1.5 miles of the corporate limits of a city of the fourth class or a village.¹ The Cities of Hartford and West Bend are both third class cities. All cities and villages in Washington County exercise extraterritorial platting authority and review plats in adjacent towns.

In accordance with Section 66.0105 of the *Statutes*, in situations where the extraterritorial plat approval jurisdiction of two or more cities or villages would otherwise overlap, the extraterritorial jurisdiction between the municipalities is divided on a line, all points of which are equidistant from the boundaries of each municipality concerned, so that no more than one city or village exercises extraterritorial jurisdiction over any unincorporated area. City and village extraterritorial plat approval authority does not include the authority to require public improvements, such as streets or sanitary sewers, in plats outside city or village limits. Only the town board may require improvements in plats located within a town.

Official Mapping

Official mapping authority, granted to cities and villages under Section 62.23(6) of the *Statutes*, is intended to prevent the construction of buildings or structures and their associated improvements on lands designated for future public use. An official map may identify the location and width of existing and proposed streets, highways, parkways, parks, playgrounds, railway rights-of-way, public transit facilities, airports, and airport affected areas (areas up to three miles from an airport). Waterways, which include streams, ditches, drainage channels, lakes, and storage basins, may also be shown on an official map if the waterway is included in a comprehensive surface water drainage plan. Official maps may be adopted by an ordinance or resolution of the village board or common council, and must be recorded with the county register of deeds immediately following their adoption.

A city or village official map may include the area within the city or village plus the area within the extraterritorial plat approval jurisdiction of the city or village.

Towns that have adopted village powers may adopt an official map for areas within the town.

As of 2007, the Cities of Hartford and West Bend and the Villages of Jackson and Kewaskum had adopted official maps.

¹*Cities of the first class are those with a population of at least 150,000 residents; cities of the second class are those with a population of 39,000 to 150,000 residents; cities of the third class are those with a population of 10,000 to 39,000 residents; and fourth class cities have a population of less than 10,000 residents. A city is not automatically reclassified based on changes in population. Under Section 62.05 of the Statutes, to change from one class to another a city must meet the required population based on the last Federal census, fulfill required governmental changes (generally, an amendment to the charter ordinance is required), and publish a mayoral proclamation.*

Extraterritorial Zoning

Under Section 62.23(7a) of the *Statutes*, a city or village may enact an extraterritorial zoning ordinance and map for adjoining unincorporated areas lying within its extraterritorial area. The limits of extraterritorial zoning are the same as those specified in the *Statutes* for extraterritorial plat review. Unlike extraterritorial plat review authority, which is automatically granted by the *Statutes* to cities and villages, a city or village must follow a procedure that involves the adjoining town before enacting a permanent extraterritorial zoning ordinance and map, as summarized below:

1. The common council or village board must adopt a resolution stating its intent to adopt an extraterritorial zoning ordinance. The city or village must publish a public notice and send a copy of the resolution and a map showing the boundaries of the proposed extraterritorial zoning area to the county and to the clerk of each affected town within 15 days of adopting the resolution.
2. The common council or village board may also adopt an interim ordinance that “freezes” the existing zoning within the extraterritorial area while the extraterritorial zoning ordinance is being prepared. A public notice must be published and the county and affected towns must be notified. An ordinance freezing existing zoning can remain in effect for up to two years. The common council or village board may extend the moratorium for one additional year upon the recommendation of the joint zoning committee.
3. A joint zoning committee must be formed to develop recommendations for the extraterritorial zoning ordinance regulations and map. The committee is made up of three members from the city or village plan commission and three members from each town affected by the proposed extraterritorial zoning ordinance. The town members are appointed by the town board and must be town residents. If more than one town is affected, one committee is formed to develop the regulations, but the *Statutes* provide that “a separate vote shall be taken on the plan and regulations for each town and the town members of the joint committee shall vote only on matters affecting the particular town which they represent.”
4. The *Statutes* further provide that the common council or village board may not adopt the proposed extraterritorial zoning map and ordinance unless the map and ordinance receive a favorable vote of a majority of the six members of the joint committee.

There were no extraterritorial zoning ordinances in effect in Washington County in 2007. Extraterritorial zoning processes were underway between the City and Town of Hartford and the Village and Town of Kewaskum. Joint extraterritorial committees were formed and the minimum two-year process was initiated in 2006 in both cases.

Other Extraterritorial Authorities

Other city and village extraterritorial authorities include the following:

- **Smoke:** Under Section 254.57 of the *Statutes*, a common council or village board may regulate or prohibit the emission of dense smoke into the open air within city or village limits and up to one mile from city or village limits.
- **Offensive Industry:** Under Section 66.0415 of the *Statutes*, a common council or village board may regulate, license, or prohibit the location, management, or construction of any industry, thing, or place where any nauseous, offensive, or unwholesome business is carried out. This authority extends to the area within the city or village and up to four miles beyond the city or village boundaries. The City of Milwaukee may regulate offensive industries along the Milwaukee, Menominee, and Kinnickinnic Rivers and their branches to the outer limits of Milwaukee County, including along all canals connecting with these rivers and the lands adjacent to these rivers and canals or within 100 yards of them. A town board has the same powers as cities and villages within that portion of the town not regulated by a city or village under this section.

Cities, villages, and towns have the following extraterritorial authorities:

- **Water Navigation Aids:** Under Section 30.745 of the *Statutes*, a common council, village board, or town board may regulate water navigation aids (moorings, markers, and buoys) within one-half mile of the city, village, or town, provided the municipal ordinance does not conflict with a uniform navigations aids system established by the Wisconsin Department of Natural Resources or the County.

- **Aerial Approaches to Airports:** Under Section 114.136 of the *Statutes*, any city, village, or town (or county) that is the owner of an airport site may protect the aerial approaches to the airport through an ordinance regulating the use, location, height, and size of structures and objects of natural growth surrounding the airport. An ordinance adopted by a local government that owns an airport site applies in all local governments within the aerial approach area, and may be adopted and enforced without the consent of other affected governing bodies.

The City of West Bend regulates uses in the aerial approach zone in the Town of Trenton near the West Bend airport. Both the City of West Bend and the City of Hartford regulate the heights of buildings and structures near the West Bend and Hartford airports. Height limitations near the Hartford airport affect the Towns of Addison and Hartford. Height limitations near the West Bend airport affect the Towns of Barton, Farmington, Trenton, and West Bend.

Appendix D

HOUSING PROGRAMS AVAILABLE IN THE TOWN OF HARTFORD AND WASHINGTON COUNTY

Government sponsored housing programs have been inventoried to assess government's potential to help the private sector meet housing needs. The full array of government sponsored programs and funding availability is almost continually changing, therefore, this section focuses on those programs that have the potential for increasing the availability of lower-cost housing and rehabilitation in the Town and Washington County. Many of the programs available in Washington County are administered through local and State agencies that receive funding from the Federal government. Agencies involved in administering housing programs include the HOME Consortium; the U.S. Department of Agriculture (USDA) Rural Development; the Wisconsin Housing and Economic Development Authority (WHEDA); and the U.S. Department of Housing and Urban Development (HUD).

Housing Program Administrators

The HOME Consortium

The HOME Consortium is a four-county governmental body, which includes Washington, Ozaukee, Waukesha, and Jefferson Counties, whose purpose is to advance homeownership opportunities and programs for households that earn 80 percent or less of the area's median income. Median incomes based on family size are developed annually by HUD (see Table 48 in Chapter VII). The area served by the Consortium receives an annual funding allocation from HUD. The Consortium's programs are administered by C-CAP LLC and the Community Housing Initiative, Inc., which are nonprofit organizations located in the City of Waukesha.

Wisconsin Housing and Economic Development Authority (WHEDA)

WHEDA was created by the Wisconsin Legislature in 1972 as a nonprofit "public benefit corporation" to help meet the housing needs of lower-income households in the State. This purpose has expanded to include providing housing facilities to meet the needs of households with disabled or elderly members. The programs are financed through the sale of tax-exempt bonds and receive no State tax support. These programs involve the administration of several Federally-funded grants and housing tax credits.

U.S. Department of Housing and Urban Development (HUD)

HUD provides funding for a number of housing programs, including the Section 8 Low-Income Rental Assistance Program and the Home Investment Partnership Act (HOME). In order for units or agencies of government to apply for and receive HUD housing grants or public housing funds, they must prepare a Comprehensive Housing Affordability Strategy (CHAS) and submit that strategy to HUD for approval. The purpose of the CHAS is to ensure that communities receiving funding from HUD have planned for the housing-related needs of low- and moderate-income households in a way that improves the availability and affordability of adequate housing. The

CHAS must also include consideration of persons needing supportive services, identify the manner in which private resources will be incorporated in addressing identified housing needs, and provide for both rental and homeownership options.

The Federal Housing Administration (FHA)

The FHA was established by Congress in 1934 and became part of HUD's Office of Housing in 1965. The FHA insures mortgage loans for single-family and multi-family homes from FHA-approved lenders throughout the Nation, including Washington County. FHA mortgage insurance provides approved lenders with protection against losses as the result of default on a loan. The lender bears less risk because the FHA will pay a claim to the lender in the event of a homeowner default. This allows FHA insured loans to be made with less cash investment than other loans, which increases accessibility to lower-income households.

U.S. Department of Agriculture (USDA) Rural Development

The USDA administers the Federal Government's primary program addressing America's need for affordable rural housing. USDA Rural Development provides loans and grants to develop rural community facilities in cities, villages, and towns with populations less than 20,000 that are not part of an urban area. The USDA provides affordable housing opportunities for low- to moderate-income families in Washington County.

Wisconsin Department of Commerce, Division of Community Development, Bureau of Housing

The Bureau of Housing administers several Federal and State programs to provide low- and moderate-income households with housing assistance in many areas of Wisconsin. Washington County residents are not eligible for programs administered by the Bureau of Housing because the County is included in the HOME Consortium, which fills the role of the Bureau of Housing in administering State and Federal housing programs in Washington, Ozaukee, Waukesha, and Jefferson Counties.

Government Sponsored Housing Programs

The following sections describe programs funded by the State and Federal governments for construction of single- and multi-family housing and programs that provide financial assistance for down payments, loan guarantees, or rental assistance.

HOME Consortium Programs

Home Buyer Counseling

The Slinger Housing Authority provides home buyer counseling to the HOME Consortium Counties of Ozaukee and Washington. The Authority provides a complete package of supportive counseling services to enable participants to achieve home ownership. This assistance is provided throughout the home buying process with credit awareness, acquiring budget management skills, learning about mortgage products and guidelines, the selection of property and the post-purchase responsibilities of home ownership. The Authority provides monthly educational home buying seminars and provides ongoing one-on-one counseling with clients, as needed. The program meets the home buyer counseling requirements of the HOME Consortium Down Payment Assistance Program.

C-CAP Down Payment Assistance (DPA) Grant

The purpose of the C-CAP DPA Grant Program is to assist homebuyers with the upfront costs of purchasing a home through a down payment assistance (DPA) grant. The HOME Consortium provides funding to C-CAP, which administers the grant program. The grant itself is offered through private lenders partnering with C-CAP. The DPA grant can help pay up to \$3,000 in customary closing costs and fees related to buying a home and/or a portion of a down payment. The C-CAP DPA grant is forgiven over the course of five years. A portion of the grant must be repaid if the home is sold within a five year period as long as the borrower continues to occupy the home.

- Buyer household income cannot exceed 80 percent of the HUD estimated median family income by size for the Milwaukee Metropolitan Statistical Area. The 2006 HUD estimated median income and 80 percent of the median income are listed on Table 48 in Chapter VII

- Eligible costs financed by the grant include the down payment, all closing costs, prepaid items, home inspection, and home buyer counseling
- The maximum home purchase price in Washington County is \$194,800
- Eligible units include owner-occupied single-family homes, condominiums, and certain manufactured homes

American Dream Down Payment Initiative (ADDI) C-CAP Loan

The ADDI offers 0 percent interest loans to buyers to use for either completion of home repairs immediately after closing or occupancy or as a form of down payment assistance. A buyer may be eligible for up to a \$5,000 deferred 0 percent interest loan to be used for down payment or closing costs, or a buyer may be eligible for up to a \$10,000 deferred 0 percent interest loan for home repairs only. The ADDI loan is deferred at 0 percent APR, which means there is no interest and the loan is not due until sale or transfer of the mortgaged property. The ADDI loan may also be combined with the C-CAP Down Payment Assistance grant. Eligibility criteria for Washington County are identical to those outlined in the C-CAP DPA grant program. This program is also administered by C-CAP with funds provided through the HOME Consortium.

WHEDA Programs

Low-Income Housing Tax Credit Program (LIHTC)

Created by the Tax Reform Act of 1986, the LIHTC program gives states the equivalent of nearly \$5 billion in annual budget authority to issue tax credits for the acquisition, rehabilitation, or new construction of rental housing targeted to lower-income households. The program provides an incentive by providing credit against Federal income tax liability. As a basic program requirement, rental property owners either make at least 20 percent of their housing units available to households with incomes not exceeding 50 percent of the area median family income as adjusted for family size or make at least 40 percent of their housing units available to households with incomes not exceeding 60 percent of an area's median family income as adjusted for family size. Property owners must agree to maintain these percentages for at least 30 years. The LIHTC program is administered by WHEDA in Wisconsin.

Home Ownership Mortgage (HOME) Loan Program

The HOME Loan Program, administered by WHEDA and funded by HUD, offers long-term, below-market, fixed-rate financing for low- to moderate-income, first-time homebuyers. Features and benefits of this program include a below-market, fixed interest rate with up to a 30-year term; a low down payment required with down-payment assistance available; lower mortgage insurance premiums; and Mortgage Guardian mortgage payment protection in the event of involuntary job loss. For Washington County, eligible properties include new or existing single-family detached dwellings; manufactured housing on land owned by the applicant and taxed as real estate; condominiums; and two, three, or four unit dwellings which are least five years old.

Fixed-Interest Only Loan Program

The Fixed-Interest Only Loan Program, administered by WHEDA and funded by HUD, offers below-market, fixed-rate financing with reduced payments during the first seven years for eligible first-time homebuyers. The home purchase price must be at least \$150,000 and cannot exceed the purchase price limits listed above for the HOME Loan Program.

HOME Plus Loan Program

The HOME Plus Loan Program, administered by WHEDA and funded by HUD, provides financing of up to \$10,000 for down payment and closing costs, and a line of credit for future home repairs. Borrowers must have less than \$4,500 in liquid assets to be eligible to draw HOME Plus funds for down payment and closing costs. Those with liquid assets exceeding \$4,500 may still request the line of credit for future home repairs. Eligible properties must be occupied by the owner and can be anywhere from one to four units.

HUD Programs

Wisconsin Community Development Block Grant (CDBG) Program

HUD provides community development block grants to entitled counties, entitlement communities, and States (for distribution to non-entitlement communities) for housing programs that principally benefit low- and moderate-income households and other community development purposes. Counties, entitlement communities, and States develop their own specific programs and funding priorities under the CDBG program; however, maximum priority must be given to activities which either benefit low- and moderate-income persons or aid in the prevention or elimination of blighted areas or slums. States must ensure that over a three year period, at least 60 percent of CDBG funds awarded to non-entitlement communities are used for activities that benefit low- and moderate-income households. HUD defines communities entitled to grants as principal cities of a metropolitan statistical area (MSA), other metropolitan cities with a population of at least 50,000, and urban counties with a population of at least 200,000, excluding the population of any entitlement communities within the county. Washington County is not an entitlement area, so communities must apply for CDBG funds from WHEDA, which administers the CDBG program for non-entitlement areas.

Section 8 Rental Voucher Program

The Section 8 Rental Voucher Program increases affordable housing choices for low-income households by allowing families to choose privately-owned rental housing. A public housing authority (PHA) generally pays the landlord the difference between 30 percent of a family's gross household income and the PHA-determined payment standard, about 80 to 100 percent of the fair market rent (FMR). Housing authorities may be established by counties and local governments. There are three housing authorities in the County; they include the Hartford Community Development Authority (HCDA), the Slinger Housing Authority, and the West Bend Housing Authority. Of these three housing authorities, only HCDA and the West Bend Housing Authority provide vouchers. HCDA provides up to 148 households within the City of Hartford with vouchers per month. The West Bend Housing Authority provides up to 159 households within the City of West Bend with vouchers per month.

WHEDA administers the Section 8 program outside Hartford, Slinger, and West Bend. In recent years, WHEDA has contracted with Horizon Management Group, Inc., based in La Crosse County with an office in Sheboygan County, to administer the program in Washington County. Horizon Management Group provides up to 75 households with vouchers per month outside the Cities of Hartford and West Bend.

Prior to 1981, another portion of Section 8 rental assistance was disbursed directly to individual property owners. This was referred to as "Project-Based Assistance." HUD entered into 20-year contribution contracts with individual property owners to provide subsidies for lower-income tenants. Because this component of the Section 8 program was eliminated in 1981, the number of rental housing units subsidized in this manner has been decreasing as contracts with property owners expire. Contracts remaining in effect are the result of "renewal" of contracts initiated prior to 1981. There were 442 subsidized units in the County as of 2006; 164 of these units housed elderly households, 114 units housed families, 64 units housed both elderly and family households, and 100 units housed other households. These units do not count against the limits described above.

Section 202 Supportive Housing for the Elderly Program

HUD provides interest-free capital advances to private, nonprofit sponsors to finance the development of supportive housing for the elderly. The capital advance does not have to be repaid as long as the project serves very low-income elderly persons for 40 years. Project rental assistance funds are provided to cover the difference between the HUD-approved operating cost for the project and the tenants' contribution towards rent. Project rental assistance contracts are approved initially for five years and are renewable based on the availability of funds. Private nonprofit organizations can apply to develop a Section 202 project if they can, among other requirements, submit a resolution that they will provide a minimum capital investment equal to 0.5 percent of the HUD-approved capital advance. Public entities are not eligible for funding under this program. Occupancy in Section 202 housing is open to any very low-income household comprised of at least one person who is at least 62 years old at the time of initial occupancy.

Section 811 Supportive Housing for Persons with Disabilities

HUD provides interest-free capital advances to private nonprofit sponsors to finance the development of rental housing such as independent living projects, condominium units, and small group homes that will provide supportive services for people with disabilities. The capital advance does not have to be repaid as long as the project serves very low-income persons with disabilities for 40 years. Project rental assistance funds are provided to cover the difference between the HUD-approved operating cost for the project and the tenants' contribution towards rent. Project rental assistance contracts are approved initially for five years and are renewable based on the availability of funds. Nonprofit organizations with a Section 501 (c) (3) tax exemption from the IRS can apply to develop a Section 811 project if they can, among other requirements, submit a resolution that they will provide a minimum capital investment equal to 0.5 percent of the HUD-approved capital advance, up to a maximum of \$10,000. Occupancy in Section 811 housing is open to any very low-income household comprised of at least one person who is at least 18 years old and has a disability, such as a physical or developmental disability or chronic mental illness.

Rehabilitation Mortgage Insurance - Section 203 (k)

This FHA (which became part of HUD in 1965) program insures mortgages designed for properties in need of rehabilitation. Property acquisition costs are combined with rehabilitation costs under one mortgage as opposed to two, which is the traditional method. The ability to consolidate the mortgages results in a single long-term mortgage with relatively low interest rates and a streamlined process for the borrower and lender. They are also available to those who might not otherwise qualify for conventional mortgages. Section 203 (k) insures mortgages covering the purchasing or refinancing and rehabilitation of a home that is at least one year old. A portion of the loan proceeds are used to pay the seller, or, in a refinance situation, to pay off the existing mortgage, and the remaining funds are placed in an escrow account and released as rehabilitation is completed. The rehabilitation cost must be at least \$5,000 and there are no income limits for eligibility.

Property Improvement Loan Insurance (Title I)

This FHA program insures loans made by private lenders to borrowers, many of whom might not be eligible for a traditional loan, for the purpose of making home improvements. Loans are insured for up to 20 years on single family or multi-family properties. The maximum loan amount is \$25,000 for a single family property and \$12,000 per housing unit not to exceed a total of \$60,000 for a multi-family property. Loan funds may be used for light to moderate rehabilitation of single-family and multi-family structures, or to construct a non-residential structure on a single-family property. Loans may also be used to purchase fire safety equipment. The intent of the program is to provide financing for permanent improvements that protect or improve the basic livability and utility of a property, including manufactured homes, single-family and multi-family structures, non-residential structures, and preservation of historic homes.

USDA Rural Development Programs

Farm Labor Housing Loans and Grants

Farm Labor Housing Loans and Grants provide low-cost financing for the development of affordable rental housing for both year-round and migrant "domestic farm laborers" and their households. These programs may be used to build, buy, improve, or repair farm labor housing and provide related facilities, such as on-site child care centers.

Multi-Family Housing Direct Loans

Multi-Family Housing Direct Loans provide loans for the development of affordable rental housing in rural communities. Low and very-low income households are targeted as tenants, but moderate income households are also eligible. Rural Development may also provide "Rental Assistance," a project-based tenant subsidy that pays a portion of tenant housing costs, reducing them to an affordable level (30 percent of adjusted income). Projects must be in a rural area and consist of at least two rental units.

Multi-Family Housing Guaranteed Loans

Multi-Family Housing Guaranteed Loans serve the rental housing needs of low- and moderate-income rural households by providing loan guarantees for newly constructed or rehabilitated rental property in eligible rural

areas. Guarantees may be used in conjunction with other subsidy programs, such as the Low-Income Tax Credit, HOME, and state rental assistance programs. Loans can be made for a variety of rental housing types, for example: family, elderly, congregate housing, and mobile homes. Loans can be made for new construction, moderate or substantial rehabilitation, acquisition of buildings that provide for "special housing needs," and combination construction and permanent loans. Tenants' income cannot exceed 115 percent of the area median income, adjusted for family size. Rent (including tenant-paid utilities) for any unit at initial occupancy cannot exceed 30 percent of 115 percent of the area median income, adjusted for family size. The average rent (including tenant-paid utilities) for all units in a project cannot exceed 30 percent of area median income.

Rural Housing Site Loans

Rural Housing Site Loans are short term loans to finance development costs of subdivisions located in communities with a population of 10,000 or less (selected communities with a population between 10,000 and 20,000 are also eligible). Developed lots are to be sold to families with low- to moderate-household income (up to 115 percent of the county median income). Loans can be made to public or private local non-profit organizations with legal authority to buy, develop, and sell home sites to eligible applicants.

Single Family Housing Direct Loans

Single Family Housing Direct Loans are for families seeking financing to purchase new or existing homes or to repair or improve a home. This subsidized housing program offers loan benefits as down payment assistance to enable purchase with a loan through a private lending source (Rural Development accepts a junior lien behind the primary lender) or as a sole source of assistance for purchase, repair, or improvement. Sole source assistance is limited to families who are unable to obtain any part of the needed credit from another lending source. To be eligible an applicant must have the ability to repay the loan, live in the home, and be a citizen or be legally admitted to the U.S. for permanent residence, among other requirements. Family income cannot exceed 80 percent of the county median income.

Single Family Housing Guaranteed Loans

The Guaranteed Rural Housing (GRH) loan program provides moderate-income families with access to affordable home ownership in eligible rural areas. Approved GRH lenders provide home purchase financing requiring no down payment and can finance loan closing costs and repairs up to the property's appraised value. To be eligible, an applicant must have adequate and dependable income; be a citizen or be legally admitted to the U.S. for permanent residence; have an adjusted annual household income that does not exceed the moderate-income limits for the area; and demonstrate adequate repayment ability. The home must be a new or existing stick-built or modular home that meets HUD guidelines; a new manufactured home on a permanent foundation; owner occupied and not income producing; and located in an eligible rural area or community.

WisLoan

This program provides loans for a wide variety of residential modifications to improve accessibility for disabled persons, including ramps and home accessibility modifications for non-rental units. Individuals applying for a loan must be a Wisconsin resident, at least 18 years old (parents and other relatives can apply on behalf of disabled people under age 18), and have a disability. Applicants can request any amount needed for the modifications, but the loan amount is dependent on ability to repay the loan and availability of loan funds. The loan is available to Washington County residents and administered by IndependenceFirst with oversight by the Independent Living Unit of the State Bureau of Aging and Long Term Care Resources (part of the Wisconsin Department of Health and Family Services). The IndependenceFirst office located in Milwaukee (600 W. Virginia Street, fourth floor) serves Washington County.

Housing Trust Funds

Housing trust funds can be established by county or local governments (or state governments) to support the preservation and production of affordable housing through a dedicated source of public financing. As of 2006, over 350 county and local government and 38 state housing trust funds had been established. They have combined to dedicate over \$750 million annually towards addressing affordable housing needs across the Country. Locally, the

City of Milwaukee Common Council passed an ordinance creating a Milwaukee Housing Trust Fund in late 2006. It started with base funds of \$2.5 million in 2007 from bonding. Ongoing revenue is generated from Potawatomi gaming proceeds, Tax Increment Financing (TIF) revenue (see Appendix E for additional information regarding TIF), and designated PILOT funds.¹ Community support for the trust fund was championed by the Milwaukee Housing Trust Fund Coalition, which was comprised of many faith and community based organizations such as the Interfaith Conference of Greater Milwaukee.

Department of Veteran Affairs Home Loan Program

This program is available to veterans, active duty military personnel, and certain members of the reserves and National Guard. The program offers advantages to applicants including loans with no money down and no private mortgage insurance payments. Applicants must meet income and credit requirements for the loans, which are generally administered by lenders approved by the Department of Veteran Affairs.

¹*PILOT funds are payments in lieu of taxes received by the City.*

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Appendix E

ECONOMIC DEVELOPMENT ORGANIZATIONS AND PROGRAMS AVAILABLE IN THE TOWN OF HARTFORD AND WASHINGTON COUNTY

A number of economic development organizations and programs have been established to assist in the establishment, retention, and expansion of area businesses in the Town of Hartford and the County, including the following

Economic Development/Washington County

Economic Development/Washington County (EDWC) seeks to improve and enhance the economic vitality of the County by serving as the central voice on economic development issues, retaining and expanding the current manufacturing and commerce sectors, attracting and creating new family-supporting jobs, and supporting quality of life issues. The EDWC recently drafted a 2006-2007 economic development strategic plan for Washington County. This plan sets goals for the County in the areas of business retention, business attraction, workforce quality and availability, and the internal structure of the EDWC. The plan addresses each goal and assigns the goal's priority, timeline, and the entity responsible for that goal.

Washington County Revolving Loan Fund

The Wisconsin Community Development Block Grant (CDBG) Program, administered by the Wisconsin Department of Commerce, provides local government with funds to use for economic development, more specifically, for business start-ups and expansion. These funds, received from the U.S. Department of Housing and Urban Development, are used to provide grants to local units of government that use the funds to loan to a business. The business, in return for use of the public funds, provides private investment towards the assisted activity and most importantly creates job opportunities, principally for the benefit of low- and moderate-income persons.

When a business repays the community the loan (principal and interest payments), the funds are used to capitalize a local revolving loan fund (RLF). With the RLF, the community can make additional loans to businesses wishing to expand or locate in the community. These loans typically are smaller loans (\$20,000-\$100,000). When successfully administered, the community's revolving loan fund can expand the amount in its RLF to an amount in excess of the original amount it was able to retain. This happens when the community exercises due diligence by performing a thorough credit analysis to determine business viability and adequately securing and servicing the loan. In administering a RLF, a community becomes a "bank" and accepts responsibilities similar to that of a commercial lender when it makes a CDBG or RLF loan to a business.

Washington County has established a RLF program. Eligible applicants include manufacturing and related distribution businesses and service businesses that wish to establish a new operation or expand an existing operation in the County. The loan may be used for the acquisition of land, buildings, and/or fixed equipment; site preparation; the construction, reconstruction, or rehabilitation of buildings, including leasehold improvements; the installation of fixed equipment; clearance, demolition, and/or removal of structures; working capital; and buyouts by purchase of assets or stock. There were four businesses in the County participating in the RLF program in 2006.

To be eligible for funding, a proposed project must meet all of the following minimum requirements:

- Private Funds Leveraged - One dollar of private sector investment must be provided for each dollar of RLF investment. Private sector investment is defined as financing from a private lending institution, public sector business loan programs other than the CDBG program, or new equity that is injected into the business as a part of the expansion project.
- Cost Per Job - A minimum of one full-time equivalent (FTE) job must be created or retained for each \$20,000 of RLF funds requested.
- Financial Feasibility and Business Viability - The applicant must demonstrate that the proposed project is viable and that the business has the economic ability to repay the funds.
- Low- and Moderate-Income (LMI) Benefit - At least 51 percent of the jobs created or retained must be made available to persons who reside in low- and moderate-income households.
- Project Completion - All projects must be completed, all funds expended, and all jobs created and/or retained within 24 months from the date of the RLF loan approval. All jobs must be maintained for a minimum of 12 months.

Washington County has also established a RLF Retail program. Eligible applicants include any retail business that wishes to establish a new operation or expand an existing operation in the County. The loan may be used for the acquisition of land, buildings, and/or fixed equipment; site preparation; the construction, reconstruction, or rehabilitation of buildings, including leasehold improvements; the installation of fixed equipment; clearance, demolition, and/or removal of structures; working capital; and buyouts by purchase of assets or stock. There were two businesses in the County participating in the RLF Retail program in 2006.

To be eligible for funding, a proposed project must meet all of the following minimum requirements:

- Private Funds Leveraged - One dollar of private sector investment must be provided for each dollar of RLF investment. Private sector investment is defined as financing from a private lending institution, public sector business loan programs other than the CDBG program, or new equity that is injected into the business as a part of the expansion project.
- Cost Per Job - A minimum of one full-time equivalent (FTE) job must be created or retained for each \$10,000 of RLF funds requested.
- Financial Feasibility and Business Viability - The applicant must demonstrate that the proposed project is viable and that the business has the economic ability to repay the funds.
- Low- and Moderate-Income (LMI) Benefit - At least 51 percent of the jobs created or retained must be made available to persons who reside in low- and moderate-income households.
- Project Completion - All projects must be completed, all funds expended, and all jobs created and/or retained within 24 months from the date of the RLF loan approval. All jobs must be maintained for a minimum of 12 months.

Technology Zones

Wisconsin's Technology Zone program, administered by the Wisconsin Department of Commerce, offers tax credit incentives to new and growing businesses in the State's high-technology sectors. High technology

businesses planning to expand existing operations in a designated Technology Zone area, individuals planning to start a new business in a Technology Zone area or businesses considering relocation to a Technology Zone area from outside Wisconsin may be eligible for Technology Zone tax credits. Washington County is part of the Metropolitan Milwaukee Technology Zone. Beneficiaries of the Technology Zone program include the Signicast Corporation in the City of Hartford.

The Milwaukee 7

The Milwaukee 7 is a council of representatives from the seven Southeastern Wisconsin counties – Kenosha, Milwaukee, Ozaukee, Racine, Walworth, Washington, and Waukesha. The council, made up of about 35 civic and business leaders, was formed with the idea that a regional approach is significant to fostering economic growth. Milwaukee 7 is engaged in efforts focusing on regional strategic planning for economic development. Among the council's goals are to compile comprehensive information about the Region, creating a way for businesses to tap easily into data that can help them plan expansion or location decisions, identifying “clusters” of industries well suited to the area, and creating jobs to retain more Wisconsin college graduates.

In April 2007, the Milwaukee 7 released its Strategic Framework, which sets forth a vision for the Region and a plan to achieve that vision. The Strategic Framework identifies the Region’s assets that pose a unique opportunity for the Region’s long-term prosperity; identifies “Regional Export Drivers,” which are industries that drive the export of goods and services beyond our regional borders; maps opportunity zones; and outlines a strategic agenda for each of the Regional Export Drivers. The Milwaukee 7 resource center and Strategic Framework are found on the Milwaukee 7 website (www.choosemilwaukee.com).

Washington-Ozaukee-Waukesha (WOW) Workforce Development Board

The WOW Workforce Development Board was established in response to the Workforce Investment Act of 1998 (WIA). The WOW Workforce Development Board is a private, non-profit corporation dedicated to providing workforce development services to residents and businesses in Washington, Ozaukee, and Waukesha Counties. The WOW Workforce Development Board works in collaboration with County and local elected officials, economic development corporations, and businesses to address workforce issues. The WOW Workforce Development Board is dedicated to finding solutions to local workforce needs through long-term planning and timely responses to the changing economy.

The WOW Workforce Development Board has several programs available. The following is a summary of each of these programs:

H-1B Advanced Manufacturing Training Program

The H-1B Advanced Manufacturing Training Program is funded by the U.S. Department of Labor and is intended to reduce the dependence of American companies on skilled workers from other countries. The program’s objective is to train 200 apprentices and 500 other workers in advanced manufacturing skills to address the industry need for highly-skilled workers. The program will provide a maximum of \$500 per month per apprentice.

On-The-Job Training Program

The On-The-Job Training Program provides funding to employers to help offset the cost of training new employees. Businesses can receive a wage reimbursement of up to 50 percent of the new employee’s wages during the training period. The length of the training period depends on the amount and complexity of the training needed to bring the worker to the desired skill level. To be eligible the job should meet or exceed minimum wage requirements; the job trained for must have transferable skills and not be seasonal or temporary; and contracts must be completed and approved prior to the new hire’s first day of work.

Workforce Advancement and Attachment Training Program

The Workforce Advancement and Attachment Training Program awards grants to employers to provide training to existing entry-level workers so that they may move up another employment level and receive a salary increase. To be eligible for the grant the employer must employ workers who meet income guidelines; have specific

training in mind for employee(s); provide training to advance skills outside the current job; and complete training within one year. The training must result in an increase in pay or a promotion within six months of training, or be necessary for job retention.

Dislocated Worker Program

The objective of the Dislocated Worker Program is to assist laid-off workers in obtaining full-time employment in a job compatible with the worker's capabilities and interests at a competitive wage. The WOW Dislocated Worker program is a "Work First" program, with emphasis on opportunities for employment. Participation in the dislocated worker program requires that the worker be committed to intensive efforts toward obtaining full-time employment. Program staff develops an Individual Employment Plan (IEP) with each participant that identifies the full-time employment objectives and what steps will be taken to achieve the objectives. The IEP specifies the occupational goals of the enrollee, based on assessment, testing, and individualized counseling.

If, after an initial period of intensive work search the participant is unsuccessful in obtaining employment, additional training may be considered, subject to availability of funds. Those who are deemed eligible to receive additional training are given an Individual Training Account (ITA), and information on providers, which includes the cost of training and the success rate of the training provider.

Work Keys Program

Work Keys is an employability skills assessment tool designed to ensure that an employer has the right people staffing key positions. The tool evaluates the key skills and levels of competency required for specific jobs in an organization. Then, skill assessments are administered to job applicants and/or employees to pinpoint their current skill levels. Once complete, it compares the skill levels demonstrated by each test taker to the minimum skill levels required for the profiled jobs, which enables employers to immediately evaluate an applicant's qualifications and/or determine the training needs of current employees. This process provides job analysis, assessment, instructional support, reporting, and training identification services to employers.

Tax Increment Financing

Wisconsin's Tax Increment Finance (TIF) program was approved by the Legislature in 1975. Its purpose is to provide a way for a city or village to promote tax base expansion. TIF is aimed at eliminating blight, rehabilitating declining property values, and promoting industry and mixed-use development. The TIF law was amended in 2004 to allow towns to participate in the TIF program. Towns may identify TIF projects involving agricultural, forestry, manufacturing, and tourism industries (recreational and vacation camps, recreational vehicle parks and campgrounds, racetracks, dairy product stores, and public golf courses) as defined in Section 60.85 of the *Statutes*.

When a TIF is created the aggregate equalized value of taxable and certain municipality-owned property is established by the Department of Revenue. This is called the Tax Incremental Base. The municipality then installs public improvements, and property taxes generally increase. Taxes paid on the increased value are used to pay for improvements funded by the community. This is the tax increment. It is based on the increased values in the Tax Increment District (TID) and levies of all the taxing jurisdictions that share the tax base. Other taxing jurisdictions do not benefit from taxes collected on value increases until project costs have been recovered and the TID is retired. At this point, the added value is included in the apportionment process and all taxing jurisdictions share the increase in property value. Washington County had 19 TIF districts in 2006, all of which were located in cities and villages.

Brownfield Remediation Grants

The comprehensive planning law places an emphasis on the remediation and reuse of environmentally contaminated, or brownfield, sites. Brownfields are defined as abandoned, idle, or underused industrial or commercial properties where redevelopment is hindered by known or suspected environmental contamination. The following grant programs are available to assist in the identification and clean up (remediation) of brownfield sites.

Brownfield Site Assessment Grants (SAG)

Brownfield Site Assessment Grants (SAG) assist local governments in taking preliminary steps to stimulate redevelopment of brownfield areas. Those eligible for the grant include cities, villages, towns, redevelopment authorities, community development authorities, and housing authorities. The applicant may not have caused the environmental contamination, and the person who caused the contamination must be unknown, unable to be located, or financially unable to pay for grant eligibility. The grant may fund Phase I and II environmental site assessments, environmental investigation, demolition, removal of underground storage tanks, and removal of abandoned containers. The State budget typically includes \$1.7 million per year for SAG funding. The grants are administered by the Wisconsin Department of Natural Resources (DNR).

Blight Elimination and Brownfield Redevelopment (BEBR) Grants

Blight Elimination and Brownfield Redevelopment (BEBR) grants are administered by the Wisconsin Department of Commerce and provide funding for blight elimination and brownfield projects that promote economic development and have a positive effect on the environment at abandoned, idle, or underused industrial and commercial sites. Those eligible include cities, villages, towns, non-profit organizations, individuals, and businesses. The grant may fund property acquisition, Phase I and II environmental site assessments, environmental investigation, removal of abandoned containers and some underground storage tanks, environmental cleanup, demolition, rehabilitation of buildings, and redevelopment. This program is funded by a combination of State and Federal funds and typically receives about \$7.5 million in funding per year.

Brownfield Green Space and Public Facilities Grants

Brownfield Green Space and Public Facilities Grants assist local governments in cleaning up brownfields that are intended for future public use. This includes developing green spaces and developing public facilities. Those eligible include cities, villages, towns, counties, redevelopment authorities, community development authorities, and housing authorities that have completed an environmental investigation and are ready to clean up the contaminated property. The maximum grant awarded is \$200,000. The program is administered by the DNR.

Petroleum Environmental Cleanup Fund Award (PECFA)

The PECFA program was created by the Wisconsin Department of Commerce in response to enactment of Federal regulations requiring release prevention from underground storage tanks and cleanup of existing contamination from those tanks. PECFA is a reimbursement program returning a portion of incurred remedial cleanup costs to owners of eligible petroleum product systems, including home heating oil systems. Program funding is generated from a portion of a \$0.02 per gallon petroleum inspection fee.

Brownfield Economic Development Initiative (BEDI) Grants

The Brownfield Economic Development Initiative (BEDI) provides eligible communities with grants to clean up and redevelop brownfields. Local governments that are Federal entitlement communities (which includes the City of Hartford) may apply for BEDI grants.

Activities funded by BEDI grants must meet one of the following National objectives:

- Benefit low- to moderate-income people
- Prevent or eliminate slum or blight
- Address imminent threats or urgent needs

The grant funds may be used for planning; property acquisition; Phase I and II environmental site assessments; environmental investigation; removal of underground storage tanks and abandoned containers; environmental cleanup; demolition; rehabilitation of buildings; redevelopment and marketing; and public facility and infrastructure improvements. The maximum grant awarded is \$2 million.

Federal Brownfields Assessment Grants

The Federal Brownfield Assessment Grants are administered by the U.S. Environmental Protection Agency (EPA) and are for assessment of brownfield sites. Those eligible include local governments, regional planning

commissions, redevelopment authorities, and some other governmental organizations. The grants are available to fund planning; Phase I and II environmental site assessment; environmental investigation; removal of some petroleum tanks; and remediation, planning, and design. The maximum grant award is \$200,000. An applicant may request a total of \$400,000 per year.

Federal Brownfields Site Cleanup Grants

The Federal Brownfield Site Cleanup Grants are administered by the U.S. EPA for the cleanup of a brownfield site. Those eligible include local governments, regional planning commissions, non-profits, redevelopment authorities, and some other governmental organizations. The grants may fund environmental cleanup, demolition, and removal of some abandoned containers and underground petroleum tanks. The maximum grant award is \$200,000 with a 20 percent cost share required in the form of money or in kind services.

Appendix F

RULES AND BYLAWS GOVERNING WASHINGTON COUNTY MULTI-JURISDICTIONAL DISPUTE RESOLUTION PANEL

ARTICLE I. GENERAL PROVISIONS

SECTION 1 – AUTHORITY

The Washington County Multi-Jurisdictional Dispute Resolution Panel has been established pursuant to §66.1001(1)(g), *Wis. Stats.*, as amended, and assumes thereby, all responsibilities, duties and powers as provided therein and by related statutes. A copy of these rules shall also be filed with the County Clerk to be kept as a permanent public record. Copies of the rules shall be also available to the public. These rules are supplementary to the provisions of the Washington County Ordinances as related to comprehensive planning.

SECTION 2 – TITLE

The official title of this body is, The Washington County Multi-Jurisdictional Dispute Panel, hereafter referred to as the “Panel”.

SECTION 3 - PURPOSE

The purpose of the Panel is to provide a forum for disputing parties to reach consensus by engaging in facilitated negotiations. This forum is available to Washington County; cities, villages and towns within Washington County and adjoining Washington County that have adopted a comprehensive plan; and, counties adjoining Washington County that have adopted a comprehensive plan. The spirit and intent of facilitated negotiations is to bring parties together to openly and candidly discuss an identified dispute and negotiate a mutually agreeable outcome that will be implemented and adhered to by the parties.

SECTION 4 – PANEL MEMBERSHIP

The Panel shall be selected on a case-by-case basis at the time of the identification of a dispute requiring a facilitated negotiation meeting. Members will be selected from a pool of candidates comprised of current elected or appointed representatives from cities, villages, towns and the counties. Each party to the dispute shall select three panelists. In order to conduct the negotiation process, the Panel shall be comprised of at least two panelists per party.

SECTION 5 – SELECTION PROCESS

Units of government wishing to participate will be asked to enter into intergovernmental agreements which will describe the obligations of the participating unit of government including the requirement that the unit of government designate elected or appointed representatives to be members of a pool of eligible panelists and designate its clerk or designee as eligible for the pool of potential recording secretaries as mentioned in Article II, Section 3.

Each disputing party shall select, at the time of filing the application, three units of government from the pool of governments for the other disputing party. For example, if a town government and city government have identified a dispute to be submitted to facilitated negotiations, the town shall select three city or village governments from the pool of city-village government participants and the city shall select three town governments from the pool of town governments. In the case of a dispute involving a county government such as a county-town dispute, the county shall select three town governments from the pool of town government participants and the town shall select three county governments from the pool of county government participants. In the event that there are less than three participating county governments, the town shall select all participating county governments from the pool and the staff shall notify the participating county governments that it must designate an adequate number of panelists to fill three positions and two alternates. In addition to each disputing party selecting units of governments, each disputing party shall at the same time select two alternates from the unit of government pool in the same fashion. Each participating city, village or town government selected from the pool shall designate its own representative to serve on the panel. The disputing parties jointly at the time of the filing of the application shall select a recording secretary and an alternate from the available pool of recording secretaries.

SECTION 6 – CONFLICTS OF INTEREST

Any member of the Panel who has any direct or indirect interests, personal or financial, in the matter before the Panel shall not assist with or participate in the negotiation process of such matter at any meeting at which said matter is under consideration. A disqualifying conflict of interest shall be deemed to exist when: (1) The Panel member is the applicant or spouse of the applicant, or is related to the applicant within the third degree of consanguinity or is the husband or wife of someone so related; or, (2) The applicant is the employer, employee, or partner of the member or is a corporation in which the member is a major shareholder or has a major financial interest; or, (3) The member owns property within 300 feet of the property which is the subject of the application. Any member having a disqualifying conflict of interest shall promptly notify the Washington County Planning and Parks Department. Acknowledging that the County Planning and Parks Department is designated by these by-laws to serve in an administrative capacity and recognizing that the County may also be a disputing party taking advantage of this forum to resolve its dispute, such circumstances may give rise to the appearance of a conflict of interest on the part of the County. However, in the event that the County is responsible for administering the process and is also a disputing party, the County shall implement appropriate safeguards by assigning its administrative functions with respect to the Panel to another division within the County Planning and Parks Department to avoid the appearance of or actual conflict and so that the Planning Division is freely and fully capable of taking its dispute through this forum for a resolution.

SECTION 7 – LIMITATIONS

The Panel's role is limited to conducting facilitated negotiation of town, village, city or county disputes related to the comprehensive plan as described in §66.1001(1), *Wis. Stats* for the nine following elements; Issues & Opportunities, Agricultural, Natural and Cultural Resources, Land Use, Housing, Transportation, Utilities and Community Facilities, Economic Development, Intergovernmental Cooperation and Implementation. Nothing herein shall be construed to give or grant to the Panel, the power or authority to alter or change the comprehensive plans, ordinances related thereto or other official maps of the disputing parties, which authority shall be retained

by the governing bodies of the disputing local units of government. The Panel's role is to facilitate negotiations between the disputing parties in an effort to lead the parties to achieving a mutually agreeable resolution of the dispute or disputes brought before the Panel.

SECTION 8 - STAFF ROLE

The Washington County Planning and Parks Department (hereinafter "staff") shall provide administrative assistance to the Panel. The Staff's role shall be limited to assisting the Panel by accepting and processing joint applications, assembling the Panel and coordinating the meeting(s). The Staff shall not, in any way, assist the disputing parties or the presentation of the issue(s) to the Panel. During the facilitated negotiation process, Staff shall be available, upon request of the Panel, to assist the Panel with administrative functions.

SECTION 9 – PANEL’S OFFICE

The Office of the Panel shall be located at the Washington County Planning and Parks Department at 333 East Washington Street, Suite 2300, West Bend, Wisconsin 53095. Panel records of active disputes shall be available for public inspection between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday, except legal holidays.

ARTICLE II. POWERS AND DUTIES OF THE PANEL

SECTION 1 – GENERAL POWERS

The powers and duties of the Panel are authorized by §66.1001(1), *Wis. Stats.* and are more completely described herein. The Panel shall have the following general powers:

- A. To facilitate negotiations among disputing parties relating to the county, city, village or town comprehensive plan as described in §66.1001(1), *Wis. Stats.* for the nine following elements; Issues & Opportunities, Agricultural, Natural and Cultural Resources, Land Use, Housing, Transportation, Utilities and Community Facilities, Economic Development, Intergovernmental Cooperation and Implementation.
- B. To refer written agreements or written outcomes to the appropriate governing bodies for formal action.

SECTION 2 – PRESIDING OFFICERS

Upon convening a Panel for facilitated negotiations, the Panel shall elect a chairperson from among its selected members to coordinate and conduct the Panel during the facilitated negotiation process. The chairperson shall serve as such until the dispute is resolved or the process is otherwise terminated. Upon convening, the Panel shall also select a recording secretary who shall record information as instructed by the Panel. The recording secretary shall not be a member of the Panel. The recording secretary shall be selected from the pool of available clerks of participating governing bodies, but shall not be a clerk from the locale of any of the disputing parties. At the discretion of the Panel, in lieu of a recording secretary, the parties may be required to obtain the services of a stenographer or court reporter to adequately record the negotiation activity and shall equally share the expense of same.

SECTION 3 – DUTIES

1. **CHAIRPERSON.** The chairperson shall preside over and direct the conduct of all meetings of the Panel. The chairperson shall, subject to these rules and further instructions from the Panel, direct the official business of the Panel, supervise the work of the Panel and request necessary help when required. The presiding officer, subject to these rules, shall decide all points of procedure or order.

2. **RECORDING SECRETARY.** The recording secretary, as selected by the disputing parties, shall record information as directed by the Panel and maintain permanent minutes of the Panel's proceedings; reflect the presence of the participants including representatives of the parties; show generally the activity conducted by the Panel; shall keep records of its official action; shall summarize accurately the information presented by the parties appearing before the Panel and keep a written record of all proceedings; shall record the names and addresses of all persons appearing before the Panel in person, or by attorney; shall, at the conclusion of process, collect all documents introduced during the negotiation process and attach same to the recorded information; and shall file said minutes and records in the office of the Panel, which minutes and records shall be of public record. County staff shall assist the Recording Secretary in performing these clerical duties as requested by the Chairperson. The Washington County Clerk shall be the custodian of the files of the Panel and shall keep all records.

The County Attorney, or his or her designated representative may provide assistance and guidance to the Panel, upon request, unless an actual or perceived conflict exists. Upon request of the Panel, assistance of counsel shall be noted in the record of the proceeding.

SECTION 4 – SCOPE

In exercising the powers herein, the Panel shall facilitate negotiations of disputing parties who present an issue relating to the comprehensive plan and who desire to engage in voluntary good faith negotiations to resolve said dispute.

ARTICLE III. FACILITATED NEGOTIATION MEETINGS

SECTION 1 – TIME: HOW CALLED

Meetings of the Panel shall be held, or may be canceled, at the call of the chairperson and at such other time as the Panel may determine provided that all Panel members are notified by staff at least 48 hours prior to such meeting. All meetings shall be open to the public and scheduled and noticed in accordance with Wisconsin's Open Meeting Law, unless a disputing party requests that the facilitated negotiation be conducted in closed session and it is properly noticed as such.

SECTION 2 – QUORUM

A quorum shall consist of at least two selected panelists per each disputing party. Because the Panel is charged with facilitating a negotiation process, the conduct of the meeting will not require the making of formal motions nor will the outcome of the meeting result in a decision or other formal action by the Panel; therefore, the voting requirements and other formal rules of conduct are unnecessary.

SECTION 3 – ORDER OF BUSINESS

- A. Staff provide assistance to the Panel Chairperson for the development of an agenda for each Panel meeting which shall include the general subject matter of the business to be discussed at the meeting.
- B. Meetings shall be conducted as follows:
 - 1. Call to order and roll call.
 - 2. Statement by the presiding officer concerning the notice in accordance with the Wisconsin Open Meeting Law. (Read legal notice)
 - 3. Presiding officer to read the joint application identifying the dispute.
 - 4. Parties to acknowledge voluntary participation and accuracy of the identified dispute.
 - 5. Identification of all participants.

6. Each party is allowed an opening statement regarding the dispute.
7. Questions by the Panel members.
8. Other questions or statements at the discretion of the Panel.
9. Any correspondence received relevant to the issue before the Panel shall be read by the recording secretary.
10. Panel to continue to lead parties in negotiation and engage in debate and discussion.
11. Panel, with the assistance of the parties, to engage in brainstorming to delineate list of possible solutions.
12. Panel to continue leading parties in negotiation process by using suitable facilitation techniques.
13. Written agreement signed by representatives of the disputing parties – reduce resolution(s) to writing.
14. If no agreements are reached, the Panel shall reduce outcomes of the facilitated negotiation to writing.
15. Panel shall send a copy of the outcome to governing body of disputing parties
16. Adjournment.

The order of business at any meeting or hearing may be varied from the preceding by consent of the members present.

SECTION 4 – ROBERT’S RULES OF ORDER

Robert’s Rules of Order, Newly Revised, 10th Edition, shall generally guide the actions of the Panel in conduct of its meetings if not covered by these rules, County ordinance or State *Statutes*.

SECTION 5 – MINUTES

The Panel, by its recording secretary, shall keep minutes of its meetings including any documentation presented to the Panel.

ARTICLE IV. APPLICATIONS

SECTION 1 – WHO MAY FILE

Washington County, cities, villages and towns within Washington County and adjoining Washington County that have adopted a comprehensive plan; and, counties adjoining Washington County that have adopted a comprehensive plan may submit a joint application regarding a dispute relating to the comprehensive plan. Applications to the Panel shall be filed with the Planning and Parks Department. Disputing parties must co-sign an application which shall include a jointly defined dispute, minutes of the governing body reflecting authorization to engage in the negotiation process, proposed outcomes and a general description of communications between the parties regarding the dispute.

SECTION 2 – COPIES TO BE SENT

Staff shall promptly transmit copies of the application and the supporting documentation as follows: original retained for Panel file; a copy to the applicants; copy to the Clerks of the respective governing bodies of the disputing parties; and copy to SEWRPC.

SECTION 3 – TIMELINESS OF APPLICATION

Applications may be filed at any time upon the determination or discovery of a dispute relating to the comprehensive plan of a town, city, village or county. Upon receipt of a properly filed joint application, staff

shall within sixty (60) days take appropriate action to process the application, including but not limited to assembling the Panel and scheduling the first meeting of the Panel. The first meeting of the Panel may be scheduled more than sixty (60) days after receipt of the application upon mutual agreement of the disputing parties.

SECTION 4 – REQUIRED INFORMATION

Applications shall be made on forms provided by the Panel. Any communication, except in the prescribed forms, purporting to be an application shall be deemed a mere notice of intention to file and shall not be deemed a filing to comply with the requirements of timely filing. Failure of the joint applicants to supply the required information, including the appropriate fee, will be considered by the Panel as a failure to comply with the application procedure and the dispute will not be permitted to be submitted to the Panel.

SECTION 5 – REASONS TO BE STATED

The reasons for the application must be stated and basis of the dispute must also be stated by the applicants:

- A. The application shall designate all informal discussions that have occurred between the parties regarding the dispute at issue.
- B. The facts should be stated upon which findings may be made by the Panel.
- C. Relevant maps, ordinances, or procedures and policies shall be included as exhibits to the application.

SECTION 6 – JOINT APPLICATION/REPRESENTATIVE FILING

The application shall bear the signatures of the chief elected official of the respective disputing parties. The joint application shall be filed in person by a representative of each of the disputing parties so that the selection of the Panel and the Recording Secretary can be accomplished at the time of filing.

SECTION 7 – TERMINATION OF THE PROCESS

The Panel, at its discretion, may refuse to convene upon the failure of the applicants to supply the required information called for on the forms or if it is determined that the Parties are not acting in good faith.

SECTION 8 – TIME FOR HEARING

Each application screened by Staff satisfying the requisite criteria for facilitated negotiations shall be considered by the Panel as soon as reasonably practical providing for sufficient time between the date of the application and the date of the meeting for the required meeting notices to be published.

SECTION 9 – NOTICE OF HEARING

The Staff of the Panel shall give, or cause to be given, notice of each meeting as required by law and these rules. Notice shall be given as follows:

- A. Consistent with that required by Wisconsin Open Meeting law.
- B. Mailing a notice to the joint applicants at least 10 calendar days before the meeting.
- C. Mailing a notice to the Clerk of the governing body of the disputing parties, not less than one week before the date of the hearing.
- D. Mailing notice to Southeastern Wisconsin Regional Planning Commission (SEWRPC).

SECTION 10 – EFFECT ON OTHER ACTIONS

Submittal of a dispute to the Panel for facilitated negotiations shall have no effect whatsoever on any other judicial, quasi-judicial, administrative or alternative dispute resolution proceeding. Disputing parties retain all rights and remedies available at law and submittal of same shall in no way affect said rights.

SECTION 11 – FEE

A. Application Administrative Fee. This fee is intended to cover 100 percent of the costs associated with staff's administrative functions such as processing the application, coordinating and convening the Panel and providing required notices and mailings. This fee shall be paid at the time of application and shall be provided to the Washington County Planning and Parks Department.

B. Panel Fee. This fee is intended to cover 100 percent of the costs associated with the operations of the Panel including panel participants and the recording secretary. The fee for the first meeting shall be paid at the time of application and shall be provided to the Washington County Planning and Parks Department.

Additional fees will be determined at the conclusion of the first meeting and imposed at the conclusion of the facilitated negotiations.

ARTICLE V. PANEL PROCEEDINGS

SECTION 1 – APPEARANCES

At the time of the meeting, the applicant may appear on his or her own behalf or be represented by his or her attorney or agent. It is preferred that parties are represented by officials of the governing body rather than attorneys or other professionals.

SECTION 2 – WITNESSES

The chairperson or the Panel has no authority to compel the attendance of witnesses by subpoena. However, any representative wishing to participate shall be required to state their names and their interests in the matter before the Panel. Statements may be limited by the chairperson in order to conduct an orderly and efficient meeting.

SECTION 3 – PRELIMINARY MATTERS

Following the reading of the application, the Panel may hear statements on the question of the appropriateness of the process for the identified dispute and request that each party state a position on the point. The Panel may proceed with the meeting by engaging the parties in negotiation and reserve its determination on an appropriateness of the forum until after the negotiations conclude. The Panel may make an immediate determination and terminate the hearing upon a finding that the parties are not voluntarily bringing the dispute before the panel or the parties lack good faith. If the Panel determines that the dispute is not appropriate for the forum, the recording secretary shall record the decision as a determination to terminate the meeting.

SECTION 4 – DECORUM

The chairperson shall maintain order and decorum during all Panel proceedings. All persons present during Panel proceedings shall conduct themselves properly so as to not disrupt the process. The chairperson reserves the right to order any person to leave who has conducted himself or herself in a disorderly manner and persisted in such conduct after being directed by the chairperson to cease the conduct.

SECTION 5 – PARTIES NOT TO INTERRUPT

Orderly procedure requires that each party shall proceed without interruption by the other and that there be no arguments between the parties.

SECTION 6 – TOOLS TO FOSTER/ENHANCE NEGOTIATIONS

The Panel shall engage and lead the disputing parties in negotiations to achieve a mutually agreeable result. Facilitated negotiations may employ various tools which include but are not limited to establishing ground rules, brainstorming, caucusing, consensus building and similar techniques. Each dispute brought before the Panel shall be considered unique and as such, the Panel shall not be limited in any way with regard to the tools and techniques it chooses to employ or not employ, but rather it shall determine on a case-by-case basis the appropriate manner to conduct negotiations.

SECTION 7 – QUESTIONS BY THE PANEL

During the meeting, the chairperson, Panel members or representatives of the disputing parties may ask questions and may make appropriate comments pertinent to the dispute; however, no member should argue an issue with the applicant. The chairperson and other Panel members may direct any questions to the applicants or to any person speaking in order to bring out all relevant facts, circumstances and conditions affecting the dispute.

SECTION 8 – PRESENTATION OF DOCUMENTATION

All supporting documentation for each issue shall be presented to the assembled Panel by the disputing parties. Each applicant shall be responsible for the presentation of all information supporting its position. The Panel may take administrative notice of the ordinances of the local governments involved in the dispute in effect at the time of the dispute. Washington County Ordinances and the laws of the State of Wisconsin and other relevant facts not recently subject to dispute may also be considered by the Panel.

SECTION 9 – ADDITIONAL DOCUMENTATION

The Panel may take a case under advisement for later consideration and determination, or may defer action whenever it concludes that additional information is needed or further study is required. The Panel may require that the parties temporarily discontinue the negotiation process so as to reevaluate respective positions and reconvene at a later date as determined by the Panel.

SECTION 10 – POSTPONEMENT OF MEETING

Negotiations may be postponed only by prior arrangement with the chairperson, or at the discretion of the chairperson.

SECTION 11 – RULES OF EVIDENCE

The Panel shall not be bound by court rules of evidence, but it may exclude irrelevant, immaterial, incompetent, unduly argumentative or repetitious information. In addition, all records and documents relied upon by the Panel or presented to the Panel, shall be made part of the record and every party given an opportunity to rebut the report and documents or to offer a countervailing or clarifying oral or written information.

SECTION 12 – INTERESTED PERSONS MAY GIVE STATEMENTS

Representatives of the disputing parties who have not been formally designated to conduct negotiations on behalf of the disputing party may attend the meeting and may request an opportunity to be heard provided they identify

themselves and sign the list of persons attending the meeting and the disputing parties do not object. The Chairperson shall have the sole authority to allow statements by interested persons after conferring with the Panel.

SECTION 13 – RECORD

All proceedings shall be recorded by the recording secretary or recorded by a court reporter or stenographer which shall include a summary of actions, witnesses, appearances, roll call and other matters constituting the substance of the proceeding. Any party or member of the public may make a record of the proceedings by any means which does not disturb the meeting or others present.

SECTION 14 – ADJOURNMENT

A recess or adjournment of a meeting, made at the noticed meeting date, to a time and place certain is adequate notice to the Panel participants and the public of a new meeting date, time and place. When a dispute cannot be resolved on the date set, the Panel may adjourn from day to day or to a date certain, as it may order, and such adjourned date shall be construed as a continuance. Notice of such adjournment shall be given to the absent members of the Panel.

SECTION 15 – WITHDRAWAL OF APPEAL

Applicants may withdraw a request for facilitated negotiations at any time prior to the conclusion of the process. Withdrawal of the application shall not entitle the applicants to a refund of any fees and may result in the assessment of additional fees.

SECTION 16 – POTENTIAL OUTCOME

The Panel has no authority to reverse or affirm, wholly or partly, or modify an order, requirement, decision or determination, ordinance or law. The Panel may refer the matter to an appropriate administrative agency or other dispute resolution forum for further consideration, may adjourn the matter to a later date, may assist in a negotiated result, or may terminate the process.

ARTICLE VI. OUTCOME OF THE PROCESS

SECTION 1 – OUTCOMES TO BE WRITTEN

All outcomes of the parties at the conclusion of the negotiations shall be reduced to writing by the recording secretary, identify the dispute at issue, the facts upon which the outcome is based and the impact of the outcome. The written outcome shall be signed by the disputing parties.

SECTION 2 –OUTCOMES TO BE MAILED

Staff shall mail written copies of any such outcomes to the applicants and all interested parties and shall retain a copy on behalf of the Panel to the County Clerk. Copies of written outcomes shall also be mailed to SEWRPC.

SECTION 3 – INFORMAL ADVICE NOT BINDING

Any advice, comments, opinion or information given by any Panel member or the recording secretary, shall not be binding on the Panel or the disputing parties. The Panel shall not be perceived as a decision-making body nor shall it comment on the merits of the dispute.

SECTION 4 – CASES TO BE DETERMINED INDIVIDUALLY

No action of the Panel or outcome of the negotiation shall set a binding precedent. Each dispute shall be considered upon its merits and upon the attendant circumstances, provided, however, that the Panel shall not act arbitrarily or capriciously and that it shall facilitate negotiations in an orderly and congenial manner.

SECTION 5 – ACTIONS IN CIRCUIT COURT

Parties submitting disputes to the Panel shall be cognizant of other administrative remedies, quasi-judicial or judicial avenues available to resolve disputes and the laws, rules and regulations associated with the said forums, including but not limited to relevant statutes of limitations and other applicable procedural or substantive rules.

ARTICLE VII. AMENDMENT OF RULES

These rules may be changed or amended from time to time by a majority vote of the Multi-Jurisdictional Comprehensive Plan Advisory Committee.

The foregoing rules and regulations are hereby adopted by the Multi-Jurisdictional Comprehensive Plan Advisory Committee for the County of Washington on this 30th day of January, 2008.

Mathew Heiser, Chairperson

Appendix G

**PLAN COMMISSION RESOLUTION
APPROVING THE COMPREHENSIVE PLAN**

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TOWN OF HARTFORD PLAN COMMISSION

RESOLUTION APPROVING TOWN COMPREHENSIVE PLAN

WHEREAS, the Town of Hartford, pursuant to Sections 62.23, 61.35, and 60.22 (3) of the Wisconsin Statutes, has adopted Village powers and created a Town Plan Commission; and

WHEREAS, it is the duty and function of the Town Plan Commission, pursuant to Section 62.23 (2) of the Wisconsin Statutes, to make and adopt a comprehensive (master) plan for the development of the Town, and to recommend that the Town Board adopt the comprehensive plan; and

WHEREAS, the Town has cooperated with Washington County and SEWRPC to prepare both a multi-jurisdictional comprehensive plan for the County and a comprehensive plan for the Town of Hartford. The Town plan is documented in the report titled "A Comprehensive Plan for the Town of Hartford: 2035," containing all maps, references and other descriptive materials; and

WHEREAS, in accordance with Section 66.1001(2) of the Wisconsin Statutes, the comprehensive plan includes the following nine elements: Issues and Opportunities; Land Use; Housing; Transportation; Utilities and Community Facilities; Agricultural, Natural and Cultural Resources; Economic Development; Intergovernmental Cooperation; and Implementation; and

WHEREAS, the Town Board adopted a Public Participation Plan for the comprehensive planning process as required by Section 66.1001 (4) (d) of the Wisconsin Statutes on September 13, 2004, and the Town has conducted meetings and other public participation activities during the course of development of the comprehensive plan; and


WHEREAS, the Town has duly noticed a public hearing on the comprehensive plan and the Town Board held a public hearing on February 16, 2009, following the procedures in Section 66.1001 (4) (d) of the Wisconsin Statutes.

NOW, THEREFORE, BE IT RESOLVED, that pursuant to Sections 62.23 (3) (b) and 66.1001 (4) (b) of the Wisconsin Statutes, the Plan Commission of the Town of Hartford hereby approves the comprehensive (master) plan embodied in the report titled "A Comprehensive Plan for the Town of Hartford: 2035."

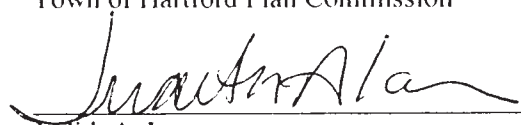
BE IT FURTHER RESOLVED that the Plan Commission does hereby recommend that the Town Board enact an Ordinance adopting the Comprehensive Plan.

Adopted this 1st day of April , 2009.

Ayes _____ Noes _____ Absent _____


David Kainz, Chairperson
Town of Hartford Plan Commission

Attest:


Judith A. Larsen
Town of Hartford Zoning Administrator

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Appendix H

**TOWN BOARD ORDINANCE
ADOPTING THE COMPREHENSIVE PLAN**

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Ordinance No: 2009-01

**ORDINANCE ADOPTING THE COMPREHENSIVE PLAN
FOR THE TOWN OF HARTFORD, WISCONSIN**

The Town Board of the Town of Hartford, Wisconsin, do ordain as follows:

SECTION 1. Pursuant to Sections 62.23, Section 61.35, and Section 60.22(3) of the Wisconsin Statutes, the Town of Hartford is authorized to prepare and adopt a comprehensive plan as defined in Sections 66.1001(1)(a) and 66.1001(2) of the Wisconsin Statutes.

SECTION 2. The Town Board of the Town of Hartford, Wisconsin, has adopted written procedures designed to foster public participation in every stage of the preparation of a comprehensive plan, as required by Section 66.1001(4)(a) of the Wisconsin Statutes.

SECTION 3. The Town has cooperated with Washington County and SEWRPC to prepare both a multi-jurisdictional comprehensive plan for the County and a comprehensive plan for the Town of Hartford. The Town plan is documented in the report titled "A Comprehensive Plan for the Town of Hartford: 2035."

SECTION 4. The plan commission of the Town of Hartford, by a majority vote of the entire commission recorded in its official minutes, has approved a resolution recommending to the Town Board the adoption of the document titled "A Comprehensive Plan for the Town of Hartford: 2035," containing all of the elements specified in Section 66.1001(2) of the Wisconsin Statutes.

SECTION 5. The Town Board has duly noticed and held at least one public hearing on the comprehensive plan, in compliance with the requirements of Section 66.1001(4)(d) of the Wisconsin Statutes.

SECTION 6. The Town Board of the Town of Hartford, Wisconsin, does, by the enactment of this ordinance, formally adopt the document titled, "A Comprehensive Plan for the Town of Hartford: 2035," pursuant to Section 66.1001(4)(c) of the Wisconsin Statutes, as the Town of Hartford comprehensive plan.

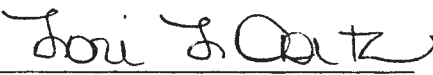
SECTION 7. This ordinance shall take effect upon passage by a majority vote of the members-elect of the Town Board and publication or posting as required by law.

ADOPTED this 13 day of April, 2009.


Dennis Gehring, Town Chair

Ayes 3 Noes 0 Absent 1

Published/Posted: _____

Attest: 
Lori Opitz, Town Clerk

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Appendix I

***WISCONSIN STATUTE* PERTAINING
TO THE COMPREHENSIVE PLAN**

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SUBCHAPTER X

PLANNING, HOUSING
AND TRANSPORTATION**66.1001 Comprehensive planning. (1) DEFINITIONS.** In this section:

(a) “Comprehensive plan” means:

1. For a county, a development plan that is prepared or amended under s. 59.69 (2) or (3).

2. For a city or a village, or for a town that exercises village powers under s. 60.22 (3), a master plan that is adopted or amended under s. 62.23 (2) or (3).

3. For a regional planning commission, a master plan that is adopted or amended under s. 66.0309 (8), (9) or (10).

(b) “Local governmental unit” means a city, village, town, county or regional planning commission that may adopt, prepare or amend a comprehensive plan.

(c) “Political subdivision” means a city, village, town, or county that may adopt, prepare, or amend a comprehensive plan.

(2) CONTENTS OF A COMPREHENSIVE PLAN. A comprehensive plan shall contain all of the following elements:(a) *Issues and opportunities element.* Background information on the local governmental unit and a statement of overall objectives, policies, goals and programs of the local governmental unit to guide the future development and redevelopment of the local governmental unit over a 20-year planning period. Background information shall include population, household and employment forecasts that the local governmental unit uses in developing its comprehensive plan, and demographic trends, age distribution, educational levels, income levels and employment characteristics that exist within the local governmental unit.(b) *Housing element.* A compilation of objectives, policies, goals, maps and programs of the local governmental unit to provide an adequate housing supply that meets existing and forecasted housing demand in the local governmental unit. The element shall assess the age, structural, value and occupancy characteristics of the local governmental unit’s housing stock. The element shall also identify specific policies and programs that promote the development of housing for residents of the local governmental unit and provide a range of housing choices that meet the needs of persons of all income levels and of all age groups and persons with special needs, policies and programs that promote the availability of land for the development or redevelopment of low-income and moderate-income housing, and policies and programs to maintain or rehabilitate the local governmental unit’s existing housing stock.(c) *Transportation element.* A compilation of objectives, policies, goals, maps and programs to guide the future development of the various modes of transportation, including highways, transit, transportation systems for persons with disabilities, bicycles, electric personal assistive mobility devices, walking, railroads, air transportation, trucking and water transportation. The element shall compare the local governmental unit’s objectives, policies, goals and programs to state and regional transportation plans. The element shall also identify highways within the local governmental unit by function and incorporate state, regional and other applicable transportation plans, including transportation corridor plans, county highway functional and jurisdictional studies, urban area and rural area transportation plans, airport master plans and rail plans that apply in the local governmental unit.(d) *Utilities and community facilities element.* A compilation of objectives, policies, goals, maps and programs to guide the future development of utilities and community facilities in the

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

(e) *Agricultural, natural and cultural resources element.* A compilation of objectives, policies, goals, maps and programs for the conservation, and promotion of the effective management, of natural resources such as groundwater, forests, productive agricultural areas, environmentally sensitive areas, threatened and endangered species, stream corridors, surface water, floodplains, wetlands, wildlife habitat, metallic and nonmetallic mineral resources consistent with zoning limitations under s. 295.20 (2), parks, open spaces, historical and cultural resources, community design, recreational resources and other natural resources.(f) *Economic development element.* A compilation of objectives, policies, goals, maps and programs to promote the stabilization, retention or expansion, of the economic base and quality employment opportunities in the local governmental unit, including an analysis of the labor force and economic base of the local governmental unit. The element shall assess categories or particular types of new businesses and industries that are desired by the local governmental unit. The element shall assess the local governmental unit’s strengths and weaknesses with respect to attracting and retaining businesses and industries, and shall designate an adequate number of sites for such businesses and industries. The element shall also evaluate and promote the use of environmentally contaminated sites for commercial or industrial uses. The element shall also identify county, regional and state economic development programs that apply to the local governmental unit.(g) *Intergovernmental cooperation element.* A compilation of objectives, policies, goals, maps, and programs for joint planning and decision making with other jurisdictions, including school districts, drainage districts, and adjacent local governmental units, for siting and building public facilities and sharing public services. The element shall analyze the relationship of the local governmental unit to school districts, drainage districts, and adjacent local governmental units, and to the region, the state and other governmental units. The element shall consider, to the greatest extent possible, the maps and plans of any military base or installation, with at least 200 assigned military personnel or that contains at least 2,000 acres, with which the local governmental unit shares common territory. The element shall incorporate any plans or agreements to which the local governmental unit is a party under s. 66.0301, 66.0307 or 66.0309. The element shall identify existing or potential conflicts between the local governmental unit and other governmental units that are specified in this paragraph and describe processes to resolve such conflicts.(h) *Land-use element.* A compilation of objectives, policies, goals, maps and programs to guide the future development and redevelopment of public and private property. The element shall contain a listing of the amount, type, intensity and net density of existing uses of land in the local governmental unit, such as agricultural, residential, commercial, industrial and other public and

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private uses. The element shall analyze trends in the supply, demand and price of land, opportunities for redevelopment and existing and potential land–use conflicts. The element shall contain projections, based on the background information specified in par. (a), for 20 years, in 5–year increments, of future residential, agricultural, commercial and industrial land uses including the assumptions of net densities or other spatial assumptions upon which the projections are based. The element shall also include a series of maps that shows current land uses and future land uses that indicate productive agricultural soils, natural limitations for building site development, floodplains, wetlands and other environmentally sensitive lands, the boundaries of areas to which services of public utilities and community facilities, as those terms are used in par. (d), will be provided in the future, consistent with the timetable described in par. (d), and the general location of future land uses by net density or other classifications.

(i) *Implementation element.* A compilation of programs and specific actions to be completed in a stated sequence, including proposed changes to any applicable zoning ordinances, official maps, or subdivision ordinances, to implement the objectives, policies, plans and programs contained in pars. (a) to (h). The element shall describe how each of the elements of the comprehensive plan will be integrated and made consistent with the other elements of the comprehensive plan, and shall include a mechanism to measure the local governmental unit's progress toward achieving all aspects of the comprehensive plan. The element shall include a process for updating the comprehensive plan. A comprehensive plan under this subsection shall be updated no less than once every 10 years.

(3) ACTIONS, PROCEDURES THAT MUST BE CONSISTENT WITH COMPREHENSIVE PLANS. Beginning on January 1, 2010, if a local governmental unit engages in any of the following actions, those actions shall be consistent with that local governmental unit's comprehensive plan:

- (g) Official mapping established or amended under s. 62.23 (6).
- (h) Local subdivision regulation under s. 236.45 or 236.46.
- (j) County zoning ordinances enacted or amended under s. 59.69.
- (k) City or village zoning ordinances enacted or amended under s. 62.23 (7).
- (L) Town zoning ordinances enacted or amended under s. 60.61 or 60.62.
- (q) Zoning of shorelands or wetlands in shorelands under s. 59.692, 61.351 or 62.231.

(4) PROCEDURES FOR ADOPTING COMPREHENSIVE PLANS. A local governmental unit shall comply with all of the following before its comprehensive plan may take effect:

(a) The governing body of a local governmental unit shall adopt written procedures that are designed to foster public participation, including open discussion, communication programs, information services, and public meetings for which advance notice has been provided, in every stage of the preparation of a comprehensive plan. The written procedures shall provide for wide distribution of proposed, alternative, or amended elements of a comprehensive plan and shall provide an opportunity for written comments on the plan to be submitted by members of the public to the governing body and for the governing body to respond to such written comments. The written procedures shall describe the methods the governing body of a local governmental unit will use to distribute proposed, alternative, or amended elements of a comprehensive plan to owners of property, or to persons who have a leasehold interest in property pursuant to which the persons may

extract nonmetallic mineral resources in or on property, in which the allowable use or intensity of use of the property is changed by the comprehensive plan.

(b) The plan commission or other body of a local governmental unit that is authorized to prepare or amend a comprehensive plan may recommend the adoption or amendment of a comprehensive plan only by adopting a resolution by a majority vote of the entire commission. The vote shall be recorded in the official minutes of the plan commission or other body. The resolution shall refer to maps and other descriptive materials that relate to one or more elements of a comprehensive plan. One copy of an adopted comprehensive plan, or of an amendment to such a plan, shall be sent to all of the following:

- 1. Every governmental body that is located in whole or in part within the boundaries of the local governmental unit.
- 2. The clerk of every local governmental unit that is adjacent to the local governmental unit that is the subject of the plan that is adopted or amended as described in par. (b) (intro.).
- 3. The Wisconsin land council.
- 4. After September 1, 2005, the department of administration.
- 5. The regional planning commission in which the local governmental unit is located.
- 6. The public library that serves the area in which the local governmental unit is located.

(c) No comprehensive plan that is recommended for adoption or amendment under par. (b) may take effect until the political subdivision enacts an ordinance or the regional planning commission adopts a resolution that adopts the plan or amendment. The political subdivision may not enact an ordinance or the regional planning commission may not adopt a resolution under this paragraph unless the comprehensive plan contains all of the elements specified in sub. (2). An ordinance may be enacted or a resolution may be adopted under this paragraph only by a majority vote of the members–elect, as defined in s. 59.001 (2m), of the governing body. An ordinance that is enacted or a resolution that is adopted under this paragraph, and the plan to which it relates, shall be filed with at least all of the entities specified under par. (b).

(d) No political subdivision may enact an ordinance or no regional planning commission may adopt a resolution under par. (c) unless the political subdivision or regional planning commission holds at least one public hearing at which the proposed ordinance or resolution is discussed. That hearing must be preceded by a class 1 notice under ch. 985 that is published at least 30 days before the hearing is held. The political subdivision or regional planning commission may also provide notice of the hearing by any other means it considers appropriate. The class 1 notice shall contain at least the following information:

- 1. The date, time and place of the hearing.
- 2. A summary, which may include a map, of the proposed comprehensive plan or amendment to such a plan.
- 3. The name of an individual employed by the local governmental unit who may provide additional information regarding the proposed ordinance.
- 4. Information relating to where and when the proposed comprehensive plan or amendment to such a plan may be inspected before the hearing, and how a copy of the plan or amendment may be obtained.

(e) At least 30 days before the hearing described in par. (d) is held, a local governmental unit shall provide written notice to all of the following:

- 1. An operator who has obtained, or made application for, a permit that is described under s. 295.12 (3) (d).

2. A person who has registered a marketable nonmetallic mineral deposit under s. 295.20.

3. Any other property owner or leaseholder who has an interest in property pursuant to which the person may extract nonmetallic mineral resources, if the property owner or leaseholder requests in writing that the local governmental unit provide the property owner or leaseholder notice of the hearing described in par. (d).

(f) A political subdivision shall maintain a list of persons who submit a written request to receive notice of any proposed ordinance, described under par. (c), that affects the allowable use of the property owned by the person. At least 30 days before the hearing described in par. (d) is held a political subdivision shall provide written notice, including a copy of the proposed ordinance, to all such persons. The notice shall be by mail or in any reasonable form that is agreed to by the person and the political subdivision. The political subdivision may charge each person on

the list who receives a notice a fee that does not exceed the approximate cost of providing the notice to the person.

(5) **APPLICABILITY OF A REGIONAL PLANNING COMMISSION'S PLAN.** A regional planning commission's comprehensive plan is only advisory in its applicability to a political subdivision and a political subdivision's comprehensive plan.

(6) **COMPREHENSIVE PLAN MAY TAKE EFFECT.** Notwithstanding sub. (4), a comprehensive plan, or an amendment of a comprehensive plan, may take effect even if a local governmental unit fails to provide the notice that is required under sub. (4) (c) or (f), unless the local governmental unit intentionally fails to provide the notice.

History: 1999 a. 9, 148; 1999 a. 150 s. 74; Stats. 1999 s. 66.1001; 1999 a. 185 s. 57; 1999 a. 186 s. 42; 2001 a. 30, 90; 2003 a. 33, 93, 233, 307, 327; 2005 a. 26, 208; 2007 a. 121.

A municipality has the authority under s. 236.45 (2) to impose a temporary town-wide prohibition on land division while developing a comprehensive plan under this section. *Wisconsin Realtors Association v. Town of West Point*, 2008 WI App 40, ___ Wis. 2d ___, 747 N.W.2d 681, 06-2761.

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APPENDIX J

EXAMPLE OF ZONING REGULATIONS TO PROTECT UPLAND PORTIONS OF ENVIRONMENTAL CORRIDORS

UCO UPLAND CONSERVANCY OVERLAY DISTRICT

The UCO Upland Conservancy Overlay District is intended to preserve, protect, enhance, and restore all significant woodlands, wildlife habitat areas, areas of rough topography, and related scenic areas. Regulation of these areas will serve to control erosion and sedimentation and will promote and maintain the natural beauty of the Town, while not interfering with development rights perceived by the Town Board and assigned by the underlying basic use district.

A. Principal Uses

1. Any use of land, except development involving structures, that is permitted in the basic underlying district, providing that such development does not destroy the natural resource features protected by the district.
2. Forest and game management.
3. Park and recreation areas.
4. Preservation of scenic, historic, and natural areas and critical species habitat sites.
5. Recreational trails.

B. Conditional Uses

The following uses are conditional uses in the UCO Upland Conservancy Overlay District and may be permitted as specified.

1. **Residential Development:** Residential development may be accommodated in upland environmental corridors, provided that buildings are kept off steep slopes. The maximum number of housing units shall be determined by dividing the total corridor acreage within a development site, less the acreage covered by surface water and wetlands, by five. Individual lot sizes and per-unit lot sizes may be reduced, provided that the density of the project does not exceed the maximum density permitted in the underlying basic use district. The Plan Commission shall require appropriate legal measures to protect the open spaces and natural resource elements preserved by the transfer of density. The permitted housing units may be in single-family or multi-family structures, provided such uses are permitted in the underlying basic use district.
2. **Other Development:** Up to 10 percent of the upland corridor area in a parcel may be disturbed in order to accommodate residential, commercial, or other urban development under the following conditions: the area to be disturbed is compact rather than scattered in nature; the disturbance area is

located on the edge of a corridor or on marginal resources within a corridor; the development does not threaten the integrity of the remaining corridor; the development does not result in significant adverse water quality impacts; and development of the remaining corridor lands is prohibited by a conservation easement or deed restriction. Each such proposal must be reviewed on a site-by-site basis.

3. Pre-Existing Lots: Single-family development on existing lots of record is permitted in accordance with the requirements of the underlying basic use district.

C. Tree Cutting and Shrubbery Clearing Prohibited

Lands lying within the Upland Conservancy Overlay District shall not be clear cut of trees, shrubbery, or underbrush. No more than 10 percent of the natural vegetation shall be removed from a parcel in any one calendar year. Normal pruning, trimming, and shearing of vegetation; removal of dead, diseased, insect-infested vegetation; and silvicultural thinning conducted under the recommendation of a forester shall be exempt from this restriction.

D. Earth Movements Limited

No filling, excavation or top soil removal shall be permitted which involves the disturbance of an area exceeding 10,000 square feet on slopes of 12 percent or more except by the granting of a conditional use permit.