

VILLAGE OF ELDERON

COMPREHENSIVE PLAN

2007

Village of Elderon Village Board

Marathon County Conservation, Planning & Zoning
Department

URS, Inc.
MSA

Village of Elderon

Conditions and Issues

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Table of Contents

1. Introduction and Summary	1
2. Demographics	2
3. Natural Resources	7
4. Land Use	12
5. Transportation	17
6. Utilities	22
7. Housing	25
8. Cultural Resources	30
9. Community Facilities	32
10. Parks	36
11. Economic Development	38
12. Intergovernmental Cooperation	42

List of Tables

Table 2-1: Demographic Change, 1970-2000	2
Table 2-2: Population by Age Group, 2000.....	3
Table 2-3: Population Projections – 2000-2030.....	3
Table 2-3a: Population Projections – 2000-2030.....	3
Table 2-4: Household Projections – 2000-2030	4
Table 2-4a: Household Projections – 2000-2030.....	4
Table 2-5: Educational Attainment (population age 25 and over)	4
Table 2-6: Household Income Levels, 2000.....	5
Table 2-7: Occupation by Sector, 2000.....	5
Table 4-1: Land Use Cover Classification, 2000	13
Table 4-2: Public Owned Land (in acres), 1998-2002 ..	14
Table 4-3: Per Acre Assessed Land Values (in dollars), 1998 – 2002	15

Table 5-1 Summary of Pavement Conditions.....	20
Table 7-1: Number of Housing Units by Type and Tenure.....	25
Table 7-2: Changes in Housing Stock	26
Table 7-3: Age of Community Housing Stock	26
Table 7-4: Physical Housing Stock	27
Table 7-5: Median Housing Value	27
Table 7-6: Range of Housing Values	27
Table 7-7: Housing Affordability	28
Table 9-1: Wittenberg-Birnamwood School District Enrollment	32
Table 9-2: Child Care Referrals.....	35
Table 11-1: Marathon County Top 10 Industry Groups Based on Number of Employees (March 2001)	40
Table 11-2: Population and Employment by Sector, 2000.....	40
Table 11-3: Employment Projections in 5-Year Increments	41
Table 11-4: Percent Change in Employment, 2000-2030.....	41

List of Figures

Figure 3-1: Rivers and Floodplains
Figure 3-2: Outstanding and Exceptional Resource and Impaired Waters
Figure 3-3: Wetland Types
Figure 3-4: Depth to Groundwater
Figure 3-5: Depth to Bedrock
Figure 3-6: Soil Associations
Figure 3-7: Prime Farm Soils
Figure 3-8: Slopes

- Figure 4-1: Existing Land Use/ Land Cover
- Figure 5-1: Functional Classification
- Figure 5-2: WISLR Ratings
- Figure 5-3: WISLR Road Surface
- Figure 5-4: Regional Trails
- Figure 6-1: Depth to Bedrock
- Figure 6-2: Suitable Soils For Septic Tank Absorption
- Figure 6-3: Watersheds
- Figure 9-1: School and Library Facilities
- Figure 9-2: Police Service Districts
- Figure 9-3: Fire Service Districts
- Figure 9-4: Hospitals and Clinics
- Figure 10-1: Regional Recreation Facilities

List of Acronyms

303 (d) list—waters designated as “impaired” under section 303 (d) of the U.S. Clean Water Act.

AADT—Annual Average Daily Traffic

AHI—Architecture & History Inventory (a database of the Wisconsin Historical Society).

BMPs—Best Management Practices

CCR&R—Child Care Resource and Referral Network

CDBG—Community Development Block Grant

CES—Cropland Evaluation System (Marathon County)

Comm 83—Chapter 83 of the Wisconsin Administrative Code under the Department of Commerce, setting standards for regulation of private sewage systems.

CTH—County Trunk Highway

CWA—Central Wisconsin Airport

DCPZ—Department of Conservation, Planning and Zoning (Marathon County)

DWD—Department of Workforce Development

EMS—Emergency Medical Services

ERW—Exceptional Resource Waters, a designation by the Wisconsin Department of Natural Resources.

FCL—Forest Crop Law

FEMA—Federal Emergency Management Agency

FIRM—Flood Insurance Rate Maps

HOME—Home Investment Partnerships Program

HUD—U.S. Department of Housing and Urban Development

LHOG—Local Housing Organization Grant

LOS—Level of Service (related to amount of traffic and congestion on a roadway, measure from Level A, no congestion and freely moving traffic, to Level F, traffic gridlock).

LWRMP—Land and Water Resource Management Plan (Marathon County)

MFL—Managed Forest Law

MPO—Wausau Area Metropolitan Planning Organization

NCHC—North Central Health Care

NCWRPC—North Central Wisconsin Regional Planning Commission

NRHP—National Register of Historic Places

NTC—Northcentral Technical College

NWTC—Northeast Wisconsin Technical College

ORW—Outstanding Resource Waters, a designation under the U.S. Clean Water Act.

PASER—Pavement Surface Evaluation Rating

PMP—Pavement Management Plan

STF Data—Summary Tape File, referring to data files of the 2000 U.S. Census.

STH—State Trunk Highway

TIP—Transportation Improvement Program (Marathon County)

USDA—United States Department of Agriculture

UW-MC—University of Wisconsin—Marathon County

WDA—Wisconsin Department of Agriculture

WDNR—Wisconsin Department of Natural Resources

WDOA—Wisconsin Department of Administration

WDOT—Wisconsin Department of Transportation

WHEDA—Wisconsin Housing and Economic Development Authority

WISLR—Wisconsin Information System for Local Roads

1. Introduction and Summary

The Village of Elderon's *Conditions and Issues Report* documents the current conditions in the community and identifies primary issues or concerns that the Village may want to address in the future. This report includes information about Elderon in the areas of demographics, natural resources, land use, transportation, utilities, housing, cultural resources, community facilities, parks, economic development, and intergovernmental cooperation. The report provides a foundation for development of the final plan, which will outline policies and actions that the Village can implement to address identified issues and guide future growth in Elderon. Some key findings in this report include:

- The Village of Elderon is located in southeast Marathon County at the intersection of STH 49 and STH 153. The Village has remained virtually the same size over the last three decades, although the average household size has increased slightly from 2.23 in 1970 to 2.45 in 2000.
- The Village has a high percentage of elderly residents who are on fixed incomes; the Village has a higher percentage of residents whose incomes fall between \$15,000 and \$34,999 than the percentages for the County and State.
- The Village does not have municipal sewer or water, which has somewhat limited new development. Because of the number of residents on fixed incomes, the Village has been reluctant to raise taxes to fund sewer or water systems.
- Elderon has some services available including a bank, grocery store, post office and local taverns. There is

interest in attracting additional convenience businesses such as a café or 24-hour gas station.

- Elderon has excellent park facilities that have been well maintained and improved. The ball fields attract residents from throughout the area and the parks and the Town Hall receive much use as meeting places. The Village has made regular improvements through judicious use of grant funds.
- Elderon residents are concerned about high nitrate levels in the water. Recent well testing has confirmed these high levels and raised issues about the impact on very young children.
- Elderon residents are trying to establish a branch library in the community. They have secured a building and are working with the County library staff to plan for the facility.
- Located at the intersection of STH 49 and STH 153, Elderon has raised concerns about safety and speed limits. These are State roads, however, and a resolution of these issues has been postponed.

2. Demographics

This analysis is intended to describe the existing demographics of the Village of Elderon and identify the major demographic trends impacting the Village over the next few decades. Both Marathon County and the State of Wisconsin are also listed for comparison.

Population and Households

Historical Trends

As shown in Table 2-1, the Village of Elderon population has remained the same over the past three decades. Marathon County and the State of Wisconsin both grew by over 20 percent over the same time period. Household growth over the past decade grew slightly. The average household size increased slightly since 1990, but is lower than that of the County or State.

Table 2-1: Demographic Change, 1970-2000

	1970	1980	1990	2000	% Change 1970 to 2000	% Change 1990 to 2000
Total Population						
Village of Elderon	185	191	175	189	+2%	+7%
County	97,457	111,270	115,400	125,834	+29%	+9%
State	4,417,821	4,705,767	4,891,769	5,363,675	+21%	+10%
Total Households						
Village of Elderon	83	79	74	77	-7%	+4%
County	29,771	37,865	41,534	47,402	+59%	+14%
State	1,328,804	1,652,261	1,822,118	2,084,544	+57%	+14%
Average Household Size						
Village of Elderon	2.23	2.42	2.36	2.45	+10%	+4%
County	3.27	2.90	2.75	2.60	-20%	-5%
State	3.22	2.35	2.68	2.50	-22%	-7%

Source: Wisconsin Dept. of Administration

Table 2-2 describes the percentage of population in various age groups. The Village of Elderon population proportions are similar to those of the County and State, except for higher percentages in the groups aged 55 to 74. This contributed to the Town's higher median age of 38.7, as compared to 36.3 and 36.0 for the County and State, respectively.

Table 2-2: Population by Age Group, 2000

Age Group	Percent of Population		
	Village of Elderon	County	State
Under 5 years	4.8	6.4	6.4
5 to 9 years	4.8	7.5	7.1
10 to 14 years	8.5	8.0	7.5
15 to 19 years	7.9	7.7	7.6
20 to 24 years	3.7	5.4	6.7
25 to 34 years	12.7	13.0	13.2
35 to 44 years	19.6	16.5	16.3
45 to 54 years	13.2	13.9	13.7
55 to 59 years	5.8	4.8	4.7
60 to 64 years	4.8	3.8	3.8
65 to 74 years	9.0	6.4	6.6
75 to 84 years	4.8	4.8	4.7
85 years and over	0.5	1.7	1.8
Median Age	38.7	36.3	36.0

Source: Wisconsin Dept. of Administration, 2000

Population Forecasts

Table 2-3 indicates population projections for the Village of Elderon and for Marathon County. These projections were completed by the North Central Wisconsin Regional Planning Commission (NCWRPC) (2003). Projections were based on the population from the 2000 Census, and projected in five-year increments until 2030. The percentage change in population growth from 1980 to 2000 was used as the basis for future growth. Table 2-3 uses the moderate growth rate. Estimates were completed for low growth (-5%), and high growth (+5%) as well. The moderate growth percent change from 2000 to 2030 for the Village of Elderon is 13.7 percent, slightly higher than the projected State change of 13.3 percent.

Table 2-3: Population Projections – 2000-2030

	Total Population by Year						
	2000	2005	2010	2015	2020	2025	2030
Village of Elderon	189	193	198	202	206	211	215
County	125,834	128,632	131,430	134,217	137,022	139,820	142,618

Source: Marathon County 2030 Population and Employment Projections Methodology Report, NCWRPC, 2003

Table 2-3a shows population projections completed by the Department of Administration (WDOA), Demographic Services Center. The WDOA population projections are recognized as Wisconsin’s official population projections in accordance with Wisconsin Statute 16.96. These projections are based on the same historical time period as those developed by NCWRPC, however more recent years carry a greater weight in the WDOA’s projected populations. Additionally, the WDOA projections are based on the historical population trends of individual communities, whereas the NCWRPC projections are based on trends in the planning sub-areas.

The NCWRPC projections provide a baseline to determine trends in the sub-area. They are useful in identifying future population beyond the borders of individual communities. The WDOA projections are more useful at the local municipality level. The WDOA projections in Table 2-3a show a slower rate of growth for the Village than the NCWRPC projections. The WDOA projects a decline of 4 persons, to 185 by 2010.

Table 2-3a: Population Projections – 2000-2030

	Total Population by Year							
	2000	2005	2010	2015	2020	2025	2030	% change
Elderon	189	187	186	184	183	181	185	---
County	125,834	130,242	134,504	138,836	143,308	147,112	150,255	+19%

Source: Wisconsin Department of Administration
2030 numbers projected from 2025 DOA estimates based on countywide growth rate rates

Household Forecasts

Like the population projections, household projections were also calculated using both NCWRPC and WDOA population data. Table 2-4 indicates projected households for the Village of Elderon and for Marathon County. These projections are based on the population projections shown in Table 2-3 divided by the average household size of 2.45 (Table 2-1) in the Village of Elderon in 2000. The Village shows a 14 percent change, or 11 additional households, compared to 13 percent change for Marathon County.

Table 2-4: Household Projections – 2000-2030

	Total Households by Year							
	2000	2005	2010	2015	2020	2025	2030	% change
Village of Elderon	77	79	81	82	84	86	88	+14%
County	48,585	49,665	50,745	51,821	52,904	53,985	55,065	+13%

Source: Derived from data in Marathon County 2030 Population and Employment Projections Methodology Report, NCWRPC, 6/03

Table 2-4a includes household projections based on population projections completed by the WDOA and assumes an average persons-per-household of 2.45 in the Village of Elderon in 2000.

Table 2-4a: Household Projections – 2000-2030

	Total Households by Year							
	2000	2005	2010	2015	2020	2025	2030	% change
Elderon	77	77	79	79	80	80	82	+6%
County	47,702	50,109	52,902	55,589	58,181	60,283	62,035	+30%

Source: Wisconsin Department of Administration
2030 numbers projected from 2025 DOA estimates based on countywide growth rate rates

Education and Income Levels

According to 2000 Census data, 78.9 percent of Village of Elderon residents have a high school education or higher. This compares to 83.8 percent for the County, and 85.1 percent for the State.(Table 2-5) In the Village of Elderon, 2.4 percent of residents have a bachelor’s degree or higher. This is lower than the number of persons with a bachelor’s degree or higher in the County and State with 18.3 percent and 22.4 percent respectively.

Table 2-5: Educational Attainment (population age 25 and over)

Educational Attainment	Village of Elderon		County	State
	Number	Percent	Percent	Percent
Less than 9th Grade	13	10.6	8.2	5.4
9th to 12th Grade, No Diploma	13	10.6	8.0	9.6
High School Graduate	79	64.2	38.0	34.6
Some College, No Degree	15	12.2	18.3	20.6
Associates Degree	0	0	9.2	7.5
Bachelor's Degree	0	0	12.6	15.3
Graduate or Professional Degree	3	2.4	5.7	7.2
Percent high school graduate or higher		78.9	83.8	85.1
Percent bachelor's degree or higher		2.4	18.3	22.4

Source: Wisconsin Dept. of Administration, 2000

Median household income for Village of Elderon residents was \$38,125 in 2000. This is lower than Marathon County with a median of \$45,165, and the State overall at \$43,791. The Village of Elderon had higher percentages in the income levels between \$15,000 and \$34,999, as show in Table 2-6.

Table 2-6: Household Income Levels, 2000

Income Level	Village of Elderon		County	State
	Number	Percent	Percent	Percent
Less than \$10,000	3	4.3	5.9	7.1
\$10,000 - \$14,999	2	2.9	5.4	5.8
\$15,000 - \$24,999	16	23.2	12.3	12.7
\$25,000 - \$34,999	12	17.4	13.1	13.2
\$35,000 - \$49,999	10	14.5	19.4	18.1
\$50,000 - \$74,999	19	27.5	25.2	22.7
\$75,000 - \$99,999	5	7.2	10.5	10.9
\$100,000 - \$149,000	-	-	5.4	6.4
\$150,000 - \$199,999	2	2.9	1.3	1.5
\$200,000 or More	-	-	1.6	1.5
Total Households	69	100.0	100.0	100.0
Median Household Income	\$38,125	-	\$45,165	\$43,791

Source: Wisconsin Dept. of Administration, 2000

Employment Characteristics

Table 2-7 illustrates the breakdown, by occupation, of the employed population of the Village of Elderon in 2000. The “employed population” is defined as people living in the Village who are 16 years and older. In 2000, the Village had an employed population of 78. The largest group of residents were employed in production, transportation and material moving occupations. Employment projections are included in the Economic Development section.

Table 2-7: Occupation by Sector, 2000

Sector	Number	Percent
Management, professional, and related occupations	7	9.0
Service occupations	12	15.4
Sales and office occupations	17	21.8
Farming, fishing, and forestry occupations	3	3.8
Construction, extraction, and maintenance occupations	6	7.7
Production, transportation, and material moving occupations	33	42.3
Total Employed*	78	100

Source: Wisconsin Department of Administration

* “Total Employed” represents employed civilian population 16 years and over

Demographic Trends

- Village of Elderon population has remained steady over the past three decades, while the County and State both grew by over 20 percent.
- Households increased by 3 over the past decade. The average household size is 2.45, lower than that of the County or State.
- The Village of Elderon had more people in the age groups 35 to 44 and from 55 to 74, which contributed to the Village’s median age of 38.7, as compared to 36.3 and 36.0 for the County and State.
- 78.9 percent of Village of Elderon residents have a high school education or higher, compared to 83.8 percent for the County, and 85.1 percent for the State.

Village of Elderon

- In the Village of Elderon, 2.4 percent of residents have a bachelor's degree or higher, lower than the number of persons with a bachelor's degree or higher in the County (18.3 percent) and the State (22.4 percent).
- Median Household income for the Village of Elderon was lower at \$38,125 than either the County or State medians.
- Both population and households in the Village of Elderon are expected to grow about 14 percent between 2000 and 2030 (NCWRPC projections).
- In 2000, the greatest percentage of residents were employed in the production, transportation, and material moving occupations.

3. Natural Resources

Because natural resource features do not follow geo-political boundaries, it is important to consider their patterns and inter-relationships on a broader scale. In addition, many of the programs for protecting or mitigating impacts to natural resources are administered at the County, State or Federal level. Thus, an overview of recent county-wide natural resource planning efforts is described below, followed by a description of local natural resource conditions. Of particular interest are geographic areas of the landscape encompassing valued natural resources features grouped below by resource type, including water, soil and biological resources.

Recent Planning Efforts Related to Natural Resources

In the last decade, several plans were prepared by the County specifically to address protection and management of natural resources. These plans may be used to guide local policy and decision making regarding resource management and protection. In addition to the plans listed below, Marathon County and several local communities have adopted park and outdoor recreation plans that discuss natural resource based recreational facilities and protection strategies. These are described in more detail in the Parks section.

- **Marathon County Land and Water Resource Management Plan (LWRMP)** - In 2001, Marathon County adopted a LWRMP in accordance with Wisconsin Statutes (Wisconsin Act 27, Chapter 92.10). The primary intent of this plan is to identify a vision for natural resource management in Marathon County and outline strategies to

protect the quality and quantity of soil and water resources. Marathon County encompasses portions of 22 watersheds. The Wisconsin Department of Natural Resources (WDNR) has ranked these watersheds according to water pollution impacts and designated five as “priority” watersheds to receive special planning and funding through the voluntary, State-funded Priority Watershed Program. The County’s Department of Conservation, Planning and Zoning (DCPZ) works with the WDNR to implement the program. Program funding is used to hire staff to assist in developing management plans for each watershed and to provide cost sharing to landowners for implementation of “best management practices” (BMPs) to achieve the program objectives.

- **Marathon County 2001 Groundwater Protection Guide** – This guide is an extension of the efforts established with adoption of the Marathon County Groundwater Plan in 1988. It is intended to guide local and County officials in setting policy. It also serves as a resource of information about groundwater and other natural resources and recommends strategies to address issues related to groundwater protection.
- **Marathon County Forest Ten-Year Comprehensive Land Use Plan, 1996-2005** – This plan includes recommendations to guide management of forest land in Marathon County in accordance with the County Parks, Recreation, and Forestry Department’s mission to manage and protect the County forest on a sustainable basis for ecological, economic, educational, recreational, and research needs of present and future generations. It provides substantial information on existing forest resources as well as information regarding the roles of the various agencies and regulatory framework related to forest management.

Water Resources

Marathon County contains abundant water resources. Many have remained in a fairly pristine state and others need focused efforts to improve water quality. Outstanding Resource Waters (ORW) and Exceptional Resource Waters (ERW) designations are derived from an amendment to the U.S. Clean Water Act, which directed states to identify waters that were largely unaffected by pollution and should remain that way. States were required to develop “anti-degradation” policies to protect these waters from pollution. As a result, wastewater entering an ORW must be as clean as the water in the “outstanding” water body. The anti-degradation policies only apply to point sources of pollution, such as an industrial discharge pipe. However, Wisconsin has other programs in place to control non-point source pollution, such as animal waste and pesticides in farm runoff, urban runoff, and failing septic systems.

The Wisconsin Natural Resources Board also wanted to extend higher levels of protection to top trout waters. As such, the WDNR established a second category of waterways to be protected under the anti-degradation policy; these are the ERW. Wastewater entering ERW must meet minimum clean water standards, although higher standards are encouraged where feasible.

ORW in the Village of Elderon include:

- Comet Creek

There are no ERW in the Village.

Water resources that have been significantly degraded are identified as “impaired waters.” Four of the 22 watersheds in

Marathon County have been identified as “impaired waters” on the “303 (d) list” of the U.S. Clean Water Act. The list identifies waters that do not meet current water quality standards and merit water quality improvement and protection. There are no impaired waters in the Village of Elderon. Impaired waters in the County include:

- Springbrook in the Town of Harrison
- Upper Yellow River in the Town of Spencer
- Upper Big Eau Pleine in western Marathon County; and
- Lower Big Eau Pleine in the south-central part of the County.

Resource management plans for these watersheds, plus the Lower Big Rib River watershed, are currently being done as part of the Priority Watershed Program, a State-funded, voluntary program administered by the County. The County’s resource management planning efforts are described in more detail in the *Marathon County Land and Water Resource Management Plan* (2001).

Resources in the Village of Elderon

Streams/Rivers – Comet Creek (within the Village limits) is designated as ERW.

Lilly Lake is also located in the Village, with parks on its banks. Lilly Lake was improved by dredging, beginning in the 1970s. The Village received grant funding for the dredging, which also led a local sportsmen’s club to restock the lake for fishing. (Figure 3-1 and Figure 3-2)

Floodplains — Floodplains consist of land likely to be covered by floodwater during the regional (100-year) flood.

Floodplain areas are based on information compiled by the Federal Emergency Management Agency (FEMA) on Flood Insurance Rate Maps (FIRM). The floodplain includes the floodway and the flood fringe.

In the Village of Elderon, floodplains are adjacent to Lilly Lake, and along the banks of Comet Creek. These areas are consistent with wetlands and outside of residential areas of the Village.

Wetlands – Wetlands in Wisconsin were defined by the State Legislature in 1978 as: *"an area where water is at, near, or above the land surface long enough to be capable of supporting aquatic or hydrophytic (water-loving) vegetation and which has soils indicative of wet conditions."*

Programs in three levels of government - local, State and Federal - regulate activities in wetlands. There are dozens of wetland types in Wisconsin, characterized by vegetation, soil type and degree of saturation or water cover. Some of the more prominent wetland types are:

- **Aquatic Bed** wetlands contain plants growing entirely on or in a water body no deeper than 6'. Plants may include pondweed, duckweed, lotus and water-lilies.
- **Marshes** are characterized by standing water and dominated by cattails, bulrushes, pickerel-weed, lake sedges and/or giant bur-reed.
- **Sedge or "Wet" Meadows** wetlands may have saturated soils, rather than standing water, more often than not. Sedges, grasses and reeds are dominant, but look also for blue flag iris, marsh milkweed, sneeze-weed, mint and several species of goldenrod and aster.

- **Scrub/Shrub** wetlands include bogs and alder thickets and are characterized by woody shrubs and small trees such as tag alder, bog birch, willow and dogwood.
- **Forested** wetlands include bogs and forested floodplain complexes. They are characterized by trees 20 feet or more in height such as tamarack, white cedar, black spruce, elm, black ash, green ash and silver maple.

The largest wetland areas in the Village of Elderon are similar to the floodplain areas, along the banks of Comet Creek and near Lilly Lake. Wetlands along Comet Creek are both forested and scrub/shrub. Wetlands along Lilly Lake are largely scrub/shrub. (Figure 3-3)

Groundwater – Groundwater is shallow and generally adequate for industrial, irrigation and domestic use. Residents indicate some concerns about groundwater pollution, questioning whether there may be high levels of nitrates in the water because of fertilizers used in nearby potato fields. Depth to bedrock in this area is greater than 60 feet and is not a development factor. (Figure 3-4 and Figure 3-5)

Soil Resources

Soil Types – The soil in the Village of Elderon is Chetek-Rosholt-Oesterle, identified as soil on outwash plains and stream terraces. (Figure 3-6)

Given that the average allowable soil loss rate for Marathon County is 4.4 tons per acre per year, the susceptibility for soil erosion in the Village is low, with soil loss of 1.0 – 2.0 tons/acre/year.

Prime Farm Soils – Figure 3-7 illustrates soils that have been identified as prime farm soils according to the Marathon County Cropland Evaluation System (CES). This system establishes a basis from which one parcel of land can be compared to another. It rates soils on their ability to produce food, feed, forage, and fiber crops. It is based upon the knowledge that soil properties affect yields. The system is non-biased, defendable, and can be consistently applied. Additional information on the CES can be obtained from Marathon County DCPZ.

Prime farm soils are present throughout the Village of Elderon, including the developed portion of the Village. Around the fringes of the Village, these soils are used for potato farming and other crops as well.

These class designations refer to the quality of soils for growing crops and are based on United States Department of Agriculture (USDA) classifications. Class 1 soils are the best soils in Marathon County for growing all crops. Class 2 soils are also very good agricultural soils, however, they may be prone to wetness and are therefore less desirable than Class 1 soils. It should be noted that not all prime farm soils are used for farming; some have been developed with residential or other uses, as in the Village of Elderon. The “prime farm soils” designation simply indicates that these soils are good productive farmland.

No land has been set aside under Farmland Preservation Contracts within the Village.

Steep Slopes – Steep slopes are defined as slopes with gradients over 12 percent. Figure 3-8 illustrates where steep slopes exist in the Village of Elderon. The only locations with

any slopes are just east of Lilly Lake, and an area in the northeast quadrant of the Village. As shown on Figure 3-8, Category D includes areas with slopes between 12 and 20 percent. Category E includes areas where slopes are all greater than 15 percent.

Vegetation – According to land cover maps, the Village of Elderon is largely woodland and cropland in areas that are not in the developed portion of the Village. Woodland follows Comet Creek on the western portion of the Village and is also found on the eastern edge and in the parks. Areas immediately adjacent to the residential sections are primarily cropland. Within the Village, there is also private landscaping consisting of trees, shrubs and gardens.

Wildlife Resources and Habitat – Wildlife resources include a variety of game and non-game species of birds, mammals, fish, reptiles and amphibians that typically live in Marathon County. Common types of wildlife include deer, bear, badger, wolf, wild turkey, raccoon, squirrels, songbirds, waterfowl and raptors. Wildlife resources are abundant in the many undisturbed sanctuaries, refuges, reserves, and scattered habitats located throughout the County. Numerous other species of migrating birds use habitat in Marathon County for food, shelter, and resting stops during seasonal migration.

There is a significant amount of wildlife habitat in Marathon County. In addition to County parks and forest units, major wildlife habitat areas include: the George W. Mead Wildlife Area, the McMillan Marsh State Wildlife Management Area, and Rib Mountain State Park.

Threatened and Endangered Species – No aquatic and terrestrial endangered, threatened, or special concern species have been identified within the Village.

Issues

- **Groundwater Contamination**—Residents are concerned about fertilizer run-off contaminating the groundwater in the Village.

4. Land Use

The Village of Elderon is located on the eastern edge of the Town of Elderon near the Shawano County line. A rural service center in southeastern Marathon County, the Village of Elderon is located at the intersection of STH 49 and STH 153.

Current Pattern of Land Use

The Village of Elderon began in the 1880s as a result of a flurry of logging activity and construction of the Milwaukee, Lake Shore & Western Railroad through Elderon. Today the Village is spread along two intersecting State highways, STH 153 and STH 49. The Village originally consisted of one square mile, but has grown with the annexation of about 100 acres on the east edge of the community.

Housing in the Village is largely single family: of the approximately 80 housing units in the community, 92 percent are single-family dwellings. Commercial activities are centered at the intersection of the State Highways, with some commercial enterprises also located west along STH 153. The Village has a bank, grocery store, post office and a Lutheran Church. The elementary school is southeast of the intersection of the highways. The Village has three parks, including McNulty Park, the North Park and the South Park, adjacent to Lilly Lake. South Park and North Park are located east of STH 49 and were inherited from the County. The parks have received extensive investment by the Village and are heavily used for softball and other recreational activities.

Outlying land in the Village of Elderon consists of woodlands, especially the southwest corner, and crop lands. Almost all the

land in Village is designated as prime farm land, except for the woodland areas in the southwest along Comet Creek. There is no land set aside under the Forest Crop Law (FCL), Managed Forest Law (MFL), or Farmland Preservation Contracts within the Village.

Existing Land Use – For purposes of this report, existing land cover was used as a proxy for existing land use. This was done to achieve consistency in describing existing land uses in the various municipalities participating in the Marathon County comprehensive planning effort. Table 4-1 describes the various land use cover categories and Figure 4-1 illustrates the existing land cover. The acreage and percent of land shown on Table 4-1 were determined from aerial photos and are not intended to be accurate to the parcel level.

Table 4-1: Land Use Cover Classification, 2000

Land Cover Category	Description	Acres	% of Total Land Area
Single Family Residential	One family structures, farm residences, mobile homes	63	8.31
Multi-Family Residential	Multiple family structures with three or more households, condos, duplexes, apartments	1	0.13
Commercial Services	Retail stores, taverns, restaurants, truck stops, gas stations, farm coops, farm implement dealerships, automobile dealerships, business offices, motels/hotels, offices, telephone/gas company	7	0.92
Industrial	Saw/paper/lumber mills, dairies, industrial parks, trucking operations, distribution centers	0	0
Quarries/Gravel Pits	Mining operations	0	0
Cropland	Tilled agriculture, prime farmland	369	48.68
Specialty Crops	Ginseng, orchards, vineyards, nurseries, groves, cranberries, etc.	0	0
Other Agriculture	Fallow, pasture and undetermined agriculture, power lines and towers, water towers, municipal wells	23	3.03
Public/Quasi-Public	Schools, churches, cemeteries, town halls, fire departments, National Guard	5	0.66
Recreation	Ball fields, golf courses, playgrounds, parks, trails, camp grounds, shooting ranges	9	1.19
Woodlands	Forested land	59	7.79
Water	Open waters, such as lakes, ponds, streams, rivers, creeks, reservoirs, etc. (including wetlands)	190	25.07
Transportation	Airports, highways, road right-of-ways, railroads, logging roads	26	3.43
Barren Land	Unused open land in wooded areas, along streams, along roadsides	6	0.79
Total Land Area		757	100%

Source: Marathon County Land Use Cover Database

Current Land Use Plans and Regulations

Land Use Plan – The Village does not currently have a land use plan.

Zoning – The Village does not have a zoning code, although it does have a building code with setback regulations and requires building permits and has a part-time building inspector. The Village also has a mobile home ordinance that regulates the size, location and age of the unit.

The Village has had a Planning Commission for 20 years. Both the Planning Commission and Village Board review building permits. The Village is considering whether to establish zoning.

Shoreland Zoning - Shoreland, shoreland wetlands, and floodplain regulations are applicable in all geographic areas of the County. Wisconsin law mandates Counties to adopt and administer a zoning ordinance that regulates land use in shoreland/wetland and floodplain areas for the entire area of the County outside of villages and cities. This ordinance supersedes any Town ordinance, unless a Town ordinance is more restrictive. The shoreland/wetland and floodplain area covered under this zoning is the area that lies within 1,000 feet of a lake and within 300 feet of a navigable stream or to the land ward side of a floodplain, whichever distance is greater.

Development Trends

Land Supply – Land potentially available for future development (residential and non-residential) between 2000 and 2030 was estimated by the North Central Wisconsin Regional Planning Commission (NCWRPC) based on the land

cover categories shown in Table 4-1. Land categorized as barren, crop land, forest land, other agriculture, and specialty crop was considered “available” for future development. Land categorized as already developed, such as residential or commercial, or areas that cannot easily be developed, such as wetlands or waterways, were considered “unavailable” for future development. In the Village of Elderon, 457 acres are identified as available for future development and 300 are considered unavailable.

It is noted that some of the land classified as “available” may be in public ownership, and is not in actuality available for development (Table 4-2).

Table 4-2: Public Owned Land (in acres), 1998-2002

Year	County Owned	State Owned	Federal Owned
1998	12.2	2.84	–
2002	11.5	–	–
Change	-0.7	–	–
% Change	-5.7%	–	–

Source: Data compiled by local assessors with Municipal Board of Review

The Village of Elderon has land currently used for agriculture, but potentially available for development in the future, within its boundaries or adjacent to its boundaries. Land is generally available along the eastern edge of the community and southwest of the intersection of STHs 49 and 153.

There are vacant parcels that may be suitable for infill residential development or commercial development in appropriate locations.

Land Demand – An estimate of land needed for future residential development was based on projected new dwelling

units between 2000 and 2030 derived from WDOA household projections and the average density of dwelling units per acre in the community. The average density was calculated using the total acres of residential land on the 2000 land use/cover map divided by the number of households according to the 2000 Census. It was assumed that the density would remain constant between 2000 and 2030. Future acres needed for residential development were then estimated by multiplying the projected number of households in 2030 by the average density. In the Village of Elderon, it is estimated that 4 acres of land will be needed to accommodate new residential development through 2030.

It is also noted that between 1990 and 2002, only 2 sanitary permits for residential development were approved in the Village of Elderon.

The NCWRPC estimated land needed for non-residential development based on projected changes in local employment and an estimated current average density of 3.32 employees per acre in the Eastern Group planning sub-area. In the Village of Elderon, it is estimated that only 3 acres will be needed to accommodate new non-residential development through 2030.

Land Values – Table 4-3 shows the change in per acre assessed land values in the Village of Elderon between 1998 and 2002. It also indicates percent change in acreage and land value for the Village compared to Marathon County. The major change in the Village is the decrease of land assessed as agriculture (-119 acres) and the 89-acre increase of land assessed as swamp and waste land.

Table 4-3: Per Acre Assessed Land Values (in dollars), 1998 – 2002

Year	Residential		Commercial		Manufacturing		Agriculture		Swamp & Waste Land		Forest	
	Acres	Land Only	Acres	Land Only	Acres	Land Only	Acres	Land Only	Acres	Land Only	Acres	Land Only
1998	53	\$4,428	6	\$5,010	0	\$0	602	\$456	0	\$0	0	\$0
2002	57	\$8,574	5	\$7,940	0	\$0	483	\$274	89	\$100	26	\$796
Chg.	+4	\$4,146	-1	\$2,930	0	\$0	-119	\$-182	+89	\$100	+26	\$796
Percent Change Comparison												
	Acres	Land (\$)	Acres	Land (\$)	Acres	Land (\$)	Acres	Land (\$)	Acres	Land (\$)	Acres	Land (\$)
Town	+7.5	+93.6	-16.7	+58.5	0	0	-19.8	-39.9	-	-	-	-
County	+21.2	+5.6	+38.4	-4.0	-0.5	+34.4	-11.2	-47.6	+74.8	+137.0	+1.0	+91.8

Source: Data compiled by local assessors with Municipal Board of Review

There were four additional acres assessed as residential. Per acre values of residential and commercial land increased. In Marathon County as a whole, land classified as Swamp and Waste Land had the highest percent increase in acreage of all categories (74.8 percent) and the highest percent increase in value per acre (137 percent).

Major Opportunities and Constraints

- **Private Sewer and Water** –The Village does not have a municipal sewer or water system. A 2002 community survey indicated 46 percent of respondents favored a Village system, and 54 percent were opposed. The Village has looked into developing several small sewer systems to serve the Village. However, construction and ongoing maintenance costs are a concern. In the near future, new development will require individual systems.
- **Excellent Park Facilities** –For a community of its size, Elderon has a wealth of park and recreation facilities and, through its Improvement Committee, has done an admirable job of funding, enhancing and maintaining them (see also the Parks Element). There may be opportunities to better connect these facilities into a trail system that would further support use of the parks and provide opportunities for the Village to offer amenities for recreational users.
- **Tax Base** – The Village Board is concerned about continued funding for operations and maintenance of public services. Because an estimated one-third of residents are retirees, the Village is reluctant to raise taxes and make costs prohibitive for their residents.

- **Developable Land** – The Village of Elderon does not have high bedrock levels preventing wells, or difficult soils that can make residential development prohibitive. As a result, much of the Village does not suffer from any development constraints and residential development could occur almost anywhere if not regulated. It should be noted, however, that landowners are not currently selling property, so little land is available at this time.

Issues

- **Maintain Community Retail Services** – Elderon has maintained some community services, including the bank, grocery store and post office. The community survey indicated interest in “revitalizing downtown” and attracting additional businesses such as a café or 24-hour gas station that could strengthen the service base and could also help bolster existing activities. No buildings are currently available, so any businesses would likely have to construct new buildings.
- **Industrial Expansion** – The Village has expressed interest in attracting industry and identified one possible location, an area that is currently used as a potato field on the south side of STH 153. The Village has not identified potential types of industry that would be appropriate. In addition, lack of municipal water and sewer could limit the types of industrial growth that could be accommodated.

5. Transportation

Background

In a 2002 community survey, Village of Elderon residents indicated a few transportation-related concerns. Some of the issues identified as needing improvement were sidewalks, safety at the intersection of STH 49 and STH 153, and speed limit enforcement.

Existing Transportation Planning Efforts

Recent Transportation Plans

Transportation planning in Marathon County is coordinated between Marathon County Department of Conservation, Planning and Zoning (DCPZ) staff and the Wausau Area Metropolitan Planning Organization (MPO), the body designated by the Federal Department of Transportation to be responsible for transportation planning in the metropolitan area. Marathon County provides staff for the MPO. The County also does transportation planning for areas outside the Wausau metropolitan area.

County transportation planning efforts are presented in various plans and studies. Findings and recommendations in these plans should be integrated into local community planning efforts when relevant and appropriate. Recent transportation plans prepared by Marathon County include:

- **Transportation Improvement Program (TIP)**– The TIP includes all programmed transportation projects receiving Federal and/or State funds. The TIP was adopted in October 2001 and is updated every two years.

- **State Trunk Highway 29 Corridor Land Use Review (1997)**– This plan was prepared by a multi-departmental team working with communities along the STH 29 corridor in the western part of Marathon County. The primary goal was to identify recommendations to allow local communities to protect STH 29 from impacts related to unplanned growth.
- **Marathon County Functional / Jurisdictional Highway Classification Study (1998)** –This plan identifies and groups classes of roadways that provide similar levels of service. The plan recommended that the unit of government having the greatest basic interest in the roadway’s function would carry out the operation, maintenance, and improvement of the classified roadways.

Road Network

Functional Classification of Roads/Jurisdiction

(WDOT Facilities Development Manual)

A functionally classified road system is one in which streets and highways are grouped into classes according to the character of service they provide, ranging from a high degree of travel mobility to land access functions. At the upper limit of the system (principal arterials, for example), are those facilities that emphasize traffic mobility (long, uninterrupted travel), whereas at the lower limits are those local roads and streets that emphasize access.

The functional classifications are generally defined as:

Principal Arterials serve corridor movements having trip length and travel density characteristics of an interstate or interregional nature. These routes generally serve all urban areas greater than 5,000 population or connect major centers of activity, the highest traffic volumes and the longest trip desires.

Minor Arterials, in conjunction with principal arterials, serve cities, large communities, and other major traffic generators providing intra-community continuity and service for trips of moderate length, with more emphasis on land access than principal arterials.

Collectors provide both land access service and traffic circulation within residential neighborhoods, commercial areas, and industrial areas. The collector system distributes trips from arterials through the area to local streets. The collectors also collect traffic from local streets and channel it onto the arterial system.

Local Streets comprise all facilities not on one of the higher systems. They serve primarily to provide direct access to abutting land and access to higher order systems. Local streets offer the lowest level of mobility, and through-traffic movement on this system is usually discouraged.

Jurisdiction - Roads are commonly classified in one of two ways: by ownership or by purpose. Jurisdictional responsibility refers to ownership of a particular road, while functional classification, as described above, identifies the road by the Level of Service (LOS) it provides.

Jurisdiction refers to governmental ownership, not necessarily responsibility. For example, some State-owned roads are maintained by local jurisdictions. Additionally, the designation of a public road as a “Federal-aid highway” does not alter its ownership or jurisdiction as a State or local road, only that its service value and importance have made that road eligible for Federal-aid construction and rehabilitation funds.¹

Ownership is divided among the Federal, State, and local governments. States own over 20 percent of the national road network. The Federal Government has responsibility for about 5 percent, primarily in national parks, forests, and Indian reservations. Over 75 percent of the road system is locally controlled.

In some cases, local municipalities are responsible for conducting routine maintenance and minor repairs on State and Federal highways within their jurisdictional boundaries. In return, the State generally provides financing to those jurisdictions. However, major repairs and reconstruction are generally still the responsibility of the State Department of Transportation. Roadway jurisdictions (i.e. U.S., State, and County highways) are indicated in Figure 5-1.

Major Road Facilities

Following is a brief description of the major road facilities located in the Village of Elderon. Functional classification, jurisdiction, and Annual Average Daily Traffic (AADT), when available, are summarized for all major roads.

¹ U.S. Department of Transportation, Federal Highway Administration Conditions and Performance Report.

- **STH 49** (Highland Avenue) is designated as a minor arterial. STH 49 provides access to STH 29 to the north. In 1998, STH 49 had an AADT volume of 2,000 north of Main Street and 2,200 south of Main Street. AADT counts were not available for 2001. North of the Village the AADT volume for STH 49 was 1,900 in 2001. South of the Village, STH 49 had an AADT volume of 1,600 in 1998 and 1,800 in 2001.
- **STH 153** (Main Street) is an east-west major collector. It had a 1998 AADT volume of 900 west of STH 49. AADT counts were not available for 2001. Just west and east of the Village limits, the 1998 AADT volumes were 480 and 760, respectively. In 2001, the AADT volumes west and east of the Village limits were 570 and 750, respectively.

Road Maintenance – Elderon has a street maintenance program, which is a five-year plan for street maintenance and paving. Every two years, the Village requests County funding through the Local Road Improvement Program. The Village has struggled to maintain cost-effective services under existing funding without raising taxes.

Pavement Surface Evaluation Rating (PASER) – The Wisconsin Department of Transportation (WDOT) requires all incorporated communities to prepare a Pavement Management Plan (PMP) using a pavement rating system for their local roads. These plans were to be submitted for review by December 2001. The data from these plans is intended to provide the foundation for the Wisconsin Information System for Local Roads (WISLR), which is a computer resource that will enable communities and the State to begin to assess Wisconsin’s local roadway system.

The PASER system, which was designed by the Transportation Information Center of the University of Wisconsin-Madison, is the rating system used most by Wisconsin communities. PASER rates road surfaces on a scale of 1 to 10. This scale is broken down as follows:

- “1” and “2” = very poor condition
- “3” = poor condition
- “4” and “5” = fair condition
- “6” and “7” = good condition
- “8” = very good condition
- “9” and “10” = excellent condition

In addition to its use in the new WISLR, the rating system gives communities a detailed assessment of the appropriate maintenance method for each road segment under their jurisdiction. This assessment is then incorporated into the community’s PMP.

Figures 5-2 and 5-3 and Table 5-1 illustrate the WISLR road assessment done in 2004 by surface type and condition rating. As shown, the majority of roads in the Village are paved with asphalt. Roads exhibiting a surface condition rating at or below “Fair” should be examined to determine what type of reconstruction or strengthening is necessary. Roads that display a surface rating of “Good” or better will only require minimal preventative maintenance to maintain safe travel conditions. Those roads without data should be examined to ensure safe travel conditions exist along these routes. A majority of the roads in the Town are rated in “Good” or better condition and will require only preventative maintenance. However, roughly a half-mile of roadway will require some sort of reconstruction.

Table 5-1: Summary of Pavement Conditions

Surface Type Code (miles)						
Unimproved Road	Graded Earth Road	Gravel Road	Wearing Surface	Cold Mix Asphalt on Concrete	Cold Mix Resurfacing with < 7" Base	Cold Mix Resurfacing with > 7" Base
		0.43				
Cold Mix Asphalt Base < 7"	Cold Mix Asphalt Base > 7"	Hot Mix Asphalt on Concrete	Hot Mix Resurfacing	Hot Mix Asphalt Pavement	Concrete Pavement	Brick or Block Pavement
0.12	0.05			0.74		
Surface Condition Rating - WISLR Data						
No Data	Failed	Poor	Fair	Good	Very Good	Excellent
			0.54	0.06		0.74

Source: WDOT (WISLR), 8/10/04

Land Use and Transportation

Access Management – Wisconsin was one of the first states to recognize the relationship between highway operations and the use of abutting lands. Under Chapter 233, the WDOT was given the authority to establish rules to review subdivision plats abutting or adjoining State trunk highways or connecting highways. Regulations enacted by WDOT establish the principles of subdivision review. They require new subdivisions to: (1) have internal street systems; (2) limit direct vehicular access to the highways from individual lots; (3) establish building setbacks; and (4) establish access patterns for remaining unplatted land.

Marathon County issues driveway permits and implements access restrictions on all properties fronting a lettered County road. The *County Trunk Highway Access-Driveway Policy* addresses the requirements regarding culverts, access width, slope, visibility and spacing. The policy is available through the Marathon County Highway Department.

In the Village of Elderon, residents whose properties front on STH 49 or STH 153 usually have turnarounds so there is not a need to back onto the highways.

Traffic Generators – The primary traffic generators in the Village are the grocery store and several taverns, the school, and the ball diamond at the park. When there are ball games, overflow parking is along STH 153. In addition, the Village Hall serves as a community center and is used for fund raisers, classes, receptions and other community activities and is often in use on weekends.

Other Transportation Modes

Pedestrian – There are some scattered public sidewalks in the Village. The Village would like to extend the sidewalk along the north side of STH 153 to continue all the way to the park.

Bicycle - The *Bicycle & Pedestrian Plan for the Non-Urbanized Area of Marathon County, Wisconsin, 1996* identified **recommended** bicycle routes in Marathon County. These recommended routes were based on traffic counts and condition of pavement. Formal action has not occurred to adopt these as **designated** bicycle routes. No routes were recommended in the Village of Elderon. (Figure 5-4).

Transit – Elderly, needy, and disabled transit service is provided throughout the County through North Central Health Care (NCHC). The services include semi-fixed routes that are scheduled, and demand services available with a 48-hour notice. Information and services are available by calling 848-4555.

Rail – There are no rail lines in the Village of Elderon.

Airports – The Central Wisconsin Airport (CWA) is a joint venture of Marathon and Portage Counties. It is the only airport within Marathon County or neighboring counties that provides scheduled air passenger services. The CWA is located east of Mosinee and accessible via I-39. The terminal has been modernized and highway access reconstructed to be more convenient. Since 1982 more than \$24,000,000 has been spent to keep the airport ready to serve the needs of the region. Service is provided through Mesaba/Northwest, United/United Feeder Service and Skyway/Midwest Express, offering 24 flights per day that connect through Minneapolis, Chicago, Detroit and Milwaukee. There are also nine air freight and express flights daily.

Issues

- **Funding** – The Village will continue to plan for maintenance and improvement through its annual programming. Improvements to STH 49 and STH 153 will require support from the State.
- **Safety Concerns** – The Village has requested a flashing caution light at the intersection of STH 49 and STH 153. STH 49 is a major logging route, and traffic on it does not have a required stop. Speed limits on STH 49 are 40 mph at the intersection and 15 mph in the nearby school zone. However, plans to improve the intersection have been pushed back to 2008, thus prolonging the safety problem.

6. Utilities

This section describes the existing conditions and issues relative to utilities available to the Village of Elderon, including sewage disposal, water supply, power supply, and telecommunication facilities and services. It also describes existing conditions with regard to surface water management.

Private Utilities

Most unincorporated areas of Marathon County use private on-site waste disposal systems for sewage disposal and obtain potable water from private wells. The Village of Elderon does not provide public sewer or water service. All development uses private wells and individual on-site waste disposal systems.

The Village has had some discussion about whether to develop a Village sewer system, but found cost to be prohibitive. They have also considered establishing smaller systems to serve defined areas in the community. However, no decisions have been made and the Village will continue with private utilities for the near future.

On-Site Waste Disposal Systems

Chapter 15 of the *General Code of Ordinances for Marathon County* requires private sewage systems on all premises intended for human habitation or occupancy that are not served by public sewer. The County Code incorporates by reference rules, regulations, and laws in the Wisconsin Statutes and Wisconsin Administrative Code governing private sewage systems, including:

- **Comm 83** – This refers to Chapter 83 in the Wisconsin Administrative Code under the Department of Commerce. It sets standards for regulation of private sewage systems. This code was updated in 2000 and now allows the use of new concepts and technologies through a system of individual component approval. Standards for effluent are based on a drinking water standard, although nitrates are generally exempted.

Types of Systems – Under the revised Comm 83 standards, property owners have a wider array of system options than previously available. Septic tanks can be steel, concrete, fiberglass or plastic, but they all must now be equipped with a filter to prevent the movement of solids out into the soil absorption component. In addition, rock in drainfields may now be substituted with specifically engineered foam peanuts bound in mesh or plastic chambers.

On-site waste disposal systems generally fall into four categories:

- **Conventional Systems** – These systems include an absorption field that is buried under the natural ground level. These systems cannot be built in areas where soils do not allow percolation due to high clay content or bedrock where groundwater is too near the surface, or where soils percolate too rapidly and thus pose problems for groundwater contamination.
- **Mound Systems** – These systems include an absorption field that is constructed above ground, creating a “mound.” This type of system is generally used where clay soils, groundwater, rapid permeability or bedrock prevent construction of conventional systems.

- **Mechanical Treatment Components** – These components generally replace or augment the septic tank component and may include aerobic treatment tanks and/or self-contained artificial media or sand filters to clean the effluent prior to its discharge into the soil absorption component.
- **Holding Tanks** - Holding tanks are considered the system of last resort and are only allowed if other types of septic systems cannot be used. Temporary holding tanks (e.g., less than 2 years) are sometimes allowed in areas where public sewer is approved for installation in the near future.

Permit Requirements – The Marathon County Department of Conservation, Planning and Zoning (DCPZ) reviews and issues permits for private on-site waste disposal systems. Soil and site evaluations are required to determine if the proposed system is suitable for the specific property and location before a permit will be issued. If deemed necessary, floodplain and/or wetland delineation may also be required prior to permit issuance. In addition, a maintenance agreement must be submitted prior to permit issuance. All septic tanks installed on or after July 1, 1980, are required to be pumped at least once every three years.

On-Site Waste Disposal Systems – All development in the Village of Elderon uses individual waste disposal systems. Many are old systems and require regular pumping.

Water Wells – All development in the Village of Elderon receives water from individual private wells. Groundwater is shallow and generally adequate for industrial, irrigation and domestic use. Depth to bedrock in this area is not a development factor. (Figure 6-1 and Figure 6-2)

The Marathon County Health Department recently tested wells in the Village and found that the water was generally safe, but that nitrates posed some risk to very young children. The tests showed results similar to previous tests in the Village.

There are two wayside wells in the Village, both located in the park area adjacent to Lilly Lake. There have been concerns raised about high nitrates in the North Park well. The well has bacteria and cannot pass Health Department standards and may need to be abandoned.

Surface Water Management

In 2001, Marathon County adopted a Land and Water Resource Management Plan (LWRMP) in accordance with Wisconsin Statutes (Wisconsin Act 27, Chapter 92.10). The primary intent of this plan is to identify a vision for natural resource management in Marathon County and outline strategies to protect the quality and quantity of soil and water resources.

The County is particularly concerned about nonpoint sources of pollution, including failing septic systems, urban runoff, and issues often identified with rural areas such as soil erosion, animal waste and pesticides. Nonpoint pollution is best addressed by watershed. Marathon County encompasses portions of 22 watersheds as shown on Figure 6-3. The Wisconsin Department of Natural Resources (WDNR) has ranked these watersheds according to water pollution impacts to receive special planning and funding through the voluntary, State-funded Priority Watershed Program. No watersheds in the Village of Elderon are currently included in the priority planning process.

Electrical and Gas Utilities

The Village of Elderon receives electric power from Alliant Energy. Gas is generally supplied from private propane tanks.

Telecommunication Facilities and Services

- Television/Cable providers—Wittenberg Telephone Company
- Telephone—Wittenberg Telephone Company

Solid Waste Management

The Village of Elderon contracts with a private company for waste management.

Municipal, commercial and industrial waste is accepted at the Marathon County Landfill in Ringle. User fees collected at the landfill defray the cost of landfill operations.

The Marathon County Solid Waste Management Department is in charge of waste management for non-hazardous solid waste. It consists of the 575-acre landfill, recycling programs, composting, and waste-to-energy. The Department opened a Household Hazardous Waste Collection Facility in May 1997, where County residents can drop off hazardous waste free of charge.

Recycling

Recycling in the Village is provided by a private contractor, with curbside pickup once a month.

Issues

- **Sewer and Water** –The Village does not have a municipal sewer or water system. The community survey indicated 46 percent of respondents favored a system, and 54 percent were opposed. The Village held a public meeting about pursuing a public sewer and water system, and it was not supported by the residents. The Village will likely not develop a system unless it is justified by additional development that could help pay for the system.
- **Bacteria in Well** — Residents are concerned about high nitrate levels in local wells and the impact on residents, especially children. Both individual wells and the North Park wayside well have been shown to have bacteria. The North Park well may have to be abandoned.

7. Housing

Housing is a significant aspect of any comprehensive planning effort. This section is an inventory and analysis of housing conditions in the Village of Elderon. Housing in the Village is predominantly single family, with almost 80 percent owner-occupied. Almost 60 percent of housing units were constructed before 1939, and median housing value is approximately half the median value for Marathon County as a whole.

Data contained in this section reflect two methodologies of data collection employed by the U.S. Census. The source of data collected for the first table is from 2000 Census, Summary Tape File (STF)-1 Data, which was collected through a household-by-household census and represents responses from every household within the country. To get more detailed information, the U.S. Census also randomly distributes a long-form questionnaire to 1 in 6 households throughout the nation. Tables utilizing this sample data are identified in the footnote below each table and are labeled “STF-3 Data.” It should be noted that STF-1 and STF-3 data may differ for similar statistics, due to survey limitations, non-response, or other attributes unique to each form of data collection.

Housing Inventory

Housing Type and Tenure

As shown in Table 7-1, the 2000 Census shows the Village of Elderon has 77 occupied housing units. 61 (or 79%) of these units are owner-occupied. The Village has an average household size of 2.45 persons. 21% of all households are classified as

being “1 person households.” Approximately 25% of Village households have a householder 65 years or older.

Table 7-1: Number of Housing Units by Type and Tenure

Area	Village of Elderon	Marathon County	Wisconsin
Total Occupied Housing Units	77	47,702	2,084,544
Owner Occupied Units	61	36,091	1,426,361
Renter Occupied Units	16	11,611	658,183
Average Household Size	2.45	2.6	2.50
% Owner Occupied	79.2	75.7	68.4
% 1 Person Households	20.8	23.6	26.8
% With Householder 65 years or older	24.7	21.7	21.5

Source: U.S. Census, 2000 STF-1 Data

Changes in Housing Stock

Table 7-2 notes changes in the housing stock between 1990 and 2000 according to U.S. Census Data. Total housing units have increased by 1 while the number of occupied housing units fell by 2. Vacancy increased from 3% to 7% between decades. The number of owner-occupied housing units increased by 3 or 6%. The census reported increases in the number of single-family units.

Table 7-2: Changes in Housing Stock

	1990	2000	# Change	% Change
Total Housing Units	75	76	1	1%
Occupied Housing Units (Households)	73	71	-2	-3%
Vacancy %	3%	7%	--	--
Owner Occupied Housing Units	54	57	3	6%
Renter Occupied Housing Units	19	14	-5	-26%
Owner Occupied Housing Units as percent of Total	74%	80%	--	--
Number of Homes for Seasonal/Rec Use	1	0	-1	-100%
Number of Single Family Homes	59	70	11	19%
*Detached	58	70	12	21%
**Attached	1	0	-1	-100%
Number of Duplexes	4	2	-2	-50%
Multi Family Units 3-9 units	0	0	0	--
Multi Family Units 10+	0	0	0	--

Source: U.S. Census, 1990, 2000 STF-3 Data

* This is a 1-unit structure detached from any other house

**In row houses (sometimes called townhouses), double houses, or houses attached to nonresidential structures, each house is a separate, attached structure if the dividing or common wall goes from ground to roof.

Housing Age

The age of a community's housing stock typically reflects several important factors including size, offered amenities, and overall maintenance costs. Age of the dwelling often reflects different regional and national trends in housing development. Housing predating the 1940s, for example, was typically smaller and built on smaller lots. In subsequent decades, both average lot and housing sizes have increased. For example, average houses constructed in the 1980s and 1990s are typically much larger than housing built in previous decades. This can be seen in both the rural and more urban

environments of Marathon County. Additional bedrooms, bathrooms, and attached garage space are among the amenities found in newer housing units.

Table 7-3 shows housing age for the community. In the Village of Elderon, data show that almost 60% of the local housing stock was built before 1939. Recent housing growth from the 1990s makes up only 5% of the total housing stock, lower than overall figures for the County. The Census reports that houses built in the 1990s make up 13% of the County's overall housing stock.

Table 7-3: Age of Community Housing Stock

Total Units	Year Built								
	1999 to March 2000	1995 to 1998	1990 to 1994	1980 to 1989	1970 to 1979	1960 to 1969	1950 to 1959	1940 to 1949	1939 or earlier
76	--	--	4	--	7	2	9	9	45
100%	--	--	5%	--	9%	3%	12%	12%	59%

Source: U.S. Census 2000 STF-3 Data

Physical Housing Stock

Table 7-4 looks at several select measures of physical condition and compares them to figures for the County and State. The median house size in the Village of Elderon is similar to that of the County and State, when measured by number of rooms. Just over 92% of the community's housing stock is classified as single family. This is significantly higher when compared to overall figures for the County or State. No Village housing units are found in structures with over 10 units. Census data indicate that no Village houses lack complete plumbing and kitchen facilities.

Table 7-4: Physical Housing Stock

Community	Median Rooms	Characteristic (%)			
		1 unit, detached or attached	In buildings with 10 or more units	Lacking complete plumbing facilities	Lacking complete kitchen facilities
Village of Elderon	5.6	92.11%	0.00%	0.00%	0.00%
Marathon County	5.8	76.10%	4.50%	0.90%	0.90%
Wisconsin	5.4	69.30%	9.40%	1.40%	1.50%

Source: U.S. Census, 2000 STF-3 Data

Housing Values

Median Value

Table 7-5 shows housing value statistics for the community, County and State. Specifically, the column to the right shows the median (or middle value) of select owner-occupied houses for each specified area. This value includes only single-family houses that are located on less than 10 acres. Additionally, this statistic only considers houses without a business or medical office on the property. Census data indicates that the Village of Elderon has a median housing value significantly lower than the State or County.

Table 7-5: Median Housing Value

	Median Value (dollars)
Village of Elderon	\$54,500
Marathon County	\$95,800
Wisconsin	\$112,200

Source: U.S. Census, 2000 STF-3 Data

Range of Values

Table 7-6 shows the range of housing values that exist in the community. The Village of Elderon has a higher percentage of housing valued under \$100,000 compared to overall percentages for Marathon County.

Table 7-6: Range of Housing Values

Number of Houses per Housing Value Category	Village of Elderon	Marathon County
< \$49,999	22	1,459
%	42%	5%
\$50,000 to \$99,999	29	13,405
%	55%	49%
\$100,000 to \$149,999	2	8,220
%	4%	30%
\$150,000 to \$199,999	0	2,368
%	0%	9%
\$200,000 or more	0	1,714
%	0%	6%

Source: U.S. Census, 2000 STF-3 Data

Housing Affordability

Several factors impact the varied levels of housing affordability in Marathon County. These factors include rent and mortgage payments, maintenance expenses, lot size, and required or desired amenities for the dwelling unit. Household size and income are also key factors contributing to what housing options are available and accessible to residents.

Statistically speaking, those spending in excess of 35% of their total household income on housing costs may be facing affordability difficulties. The U.S. Department of Housing and Urban Development (HUD) recommends that rental-housing costs not exceed 30% of the monthly income. HUD also

indicates that mortgage lenders are more willing to make loans if the scheduled mortgage payment is less than 29% of the monthly household income. The percentage of households in the Village of Elderon that pay more than 35% of their income on housing costs is similar to that of the County and State among owner-occupied households.

Additionally, Table 7-7 shows that select Village median owner-occupied costs, both with and without a mortgage, are less than median figures for Marathon County. The same holds true for select renter costs. Technical documentation from the Census states that contract rent is the monthly rent agreed to or contracted for, regardless of any furnishings, utilities, fees, meals, or services that may be included. For vacant units, it is the monthly rent asked for the rental unit at the time of enumeration. Gross rent is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water and sewer) and fuels (oil, coal, kerosene, wood, etc.) if these are paid by or for the renter. (*U.S. Census STF 3 Technical Documentation Guide*).

Table 7-7: Housing Affordability

	Owner Occupied			Renter Occupied		
	Median selected monthly owner costs ¹			Median selected monthly renter costs ¹		
	With Mortgage	No Mortgage	% ²	Median Contract Rent	Median Gross Rent	% ²
Village of Elderon	\$738	\$205	13%	\$325	\$400	0%
Marathon County	\$916	\$295	10%	\$423	\$484	20%
Wisconsin	\$1,024	\$333	9%	\$473	\$540	25%

¹In dollars

²Percent paying over 35% of household income on housing

Source: U.S. Census, 2000 STF-3 Data

Special Housing

In Marathon County, housing for seniors and populations with special needs is primarily provided in the urbanized areas in and around Wausau. The Marathon County Aging and Disability Resource Center, the Wisconsin Department of Health and Family Services, and the Marathon County United Way all maintain a list of these housing options throughout the County. As the number of elderly persons increases in the coming years, there will most likely be a greater need for these types of housing options. This trend will be seen throughout Marathon County, the State of Wisconsin, and the U.S.

Senior Housing

The eastern area of Marathon County is served by the senior housing Home Sweet Home in the Village of Hatley, as well as four additional facilities in the Village of Birnamwood. This area is also served by facilities in the City of Antigo and the Wausau region. Nursing homes are located in the nearby communities of Antigo, Wittenberg, and Shawano. This region, along with the rest of Marathon County, will most likely need additional senior housing in the coming years, as the senior population continues to increase.

Assistance Programs

There are a variety of State and Federal housing programs geared at addressing housing issues. Grants and low interest loans are available for counties, communities, or individual homeowners. The following housing resources are available to participants as specified by program.

- **Community Development Block Grant (GDBG)- Small Cities Housing**
- **Home Investment Partnerships Program (HOME)**
 - Rental Rehabilitation Program
 - Home Owner and Accessibility Rehabilitation Program
 - Home Ownership Program
 - Wisconsin Fresh Start Initiative provides at-risk young people with education, skills, and career direction leading to economic self-sufficiency.
- **Homeless Programs (Wisconsin Department of Administration [WDOA])**
 - HUD Emergency Shelter Grants
 - State Shelter Subsidy Grants
 - Transitional Housing
- **Local Housing Organization Grant (LHOG)**

State grants are available to enable community-based organizations, tribes and housing authorities to increase their capacity to provide affordable housing opportunities and services.
- **HOME Loans and Home Improvement Loans (Wisconsin Housing and Economic Development Authority [WHEDA])**
- **Housing-Related Consumer Protection Services (Wisconsin Department of Agriculture [WDA])**

The Trade and Consumer Protection Division is responsible for the investigation of unfair and deceptive business practices and handles individual consumer complaints involving landlord/tenant complaints, and home improvement transactions.

Issues

- **Local Control** – The Village would like to maintain local control over development.
- **Water and Sewer Service** — No municipal water or sewer service is available to serve new housing; this has been a problem in developing a senior assisted living facility in the Village. However, a small package system might be feasible for such a project.
- **Zoning** – The Village does not have a zoning code although it does have a mobile home ordinance, and a building code, and requires building permits.

8. Cultural Resources

Cultural resources is a broad term that can encompass many aspects of our heritage. Cultural resources may include archaeological sites and cemeteries, historic buildings and landscapes, historic transportation routes, or traditional cultural properties important to American Indians or other cultural groups. Cultural resources are those elements around us that signify our heritage and help to evoke the sense of place that makes an area distinctive. Cultural resources include buildings, sites and landscapes that help communities retain their sense of identity in an increasingly homogenized society.

Brief History of the Village of Elderon

The Village of Elderon began as a center for logging in the 1880s when a branch line of the Milwaukee, Lake Shore & Western Railroad was built into the area. The Village thrived in the lumbering years and at that time had the railroad depot, a hotel, blacksmith and three general stores in its business district. As potato, corn, grain and dairy farming gradually replaced the logging, a creamery and potato warehouses were built in the Village. Elderon was known for its Norwegian settlers, but the Town also included residents of Polish, German and Scottish heritage. The Village is located on Lilly Lake and has several parks that make it a center of recreational activity in that area of the County.

Properties Listed on the National Register of Historic Places (NRHP)

There are no properties in the Village of Elderon listed on the NRHP. The Village does not have a local historic preservation commission. Archaeological sites are identified only at the town level.

The Wisconsin Historical Society maintains the Wisconsin Architecture & History Inventory (AHI) that identifies any properties that may have been surveyed in the past; the Inventory does not convey special status and may not be current. The inventory may be reviewed at www.wisconsinhistory.org/ahi/index.html. There are no historic properties in the Village of Elderon that have been previously surveyed and included in the AHI.

Cemeteries, Burial Mounds, Other Burials – Wisconsin Statute 157.70 provides for the protection of all human burial sites, including all marked and unmarked burials and cemeteries. There are currently 133 cemeteries and burial areas identified in Marathon County, and it is likely that other cemeteries and burials may be present. Suspected burial mounds or unmarked burials must be reported to the State Burial Sites Preservation Office. If human remains are uncovered during excavation, all work must cease pending review of the Burial Sites Preservation Office. All cemeteries and burials in Marathon County should be catalogued under Wis. Stat. 157.70 to provide maximum protection of these sites.

There are no cemeteries in the Village of Elderon.

Issues

- **Lack of Current Information** – Although a brief countywide historic properties survey was carried out in 1975-77, there has been no update. Many properties identified at that time may be gone, while other properties not previously surveyed may now be evaluated in a new context. It is necessary for the community to have current information about cultural resources in order to maximize planning and make the best use of historic properties. This is especially important in the Village of Elderon, where no properties have previously been identified. Residents noted that most major historic buildings are gone in the Village. One remaining building is the Wolff’s Den building (formerly the Almar), a 1940s facility that hosted traveling bands, including that of Duke Ellington. Also remaining is Our Saviour’s Lutheran Church, estimated to be about 85 years old.
- **No Recognition Process** — Outside the City of Wausau, there is no process to recognize historic buildings or begin to plan for their protection. Once historic properties are identified, towns and villages do not have an established mechanism for recognizing them or integrating them into ongoing planning processes.
- **Rural Character and Historic Resources** – In Marathon County, residents have expressed a strong desire to preserve the rural character of the County and raised concerns about increasing ex-urban development and the decline of working farms. An important part of rural character is the rural landscape and the buildings that convey that sense of place. While it is important to address

the location and type of new development, there is also a need to preserve some visible reminders of rural character, including working farms. Without preserving some of the existing resources, including farmsteads and farmlands, the very characteristics that attracted residents will increasingly be lost.

- **Protection of Archaeological Sites and Cemeteries** – Cultural resources planning includes identification and protection of archaeological sites and historic cemeteries. The Wisconsin Historical Society maintains a list of reported sites and cemeteries, representing a fraction of sites that are actually present. This information is often overlooked and should be incorporated into the planning process for local communities.

9. Community Facilities

This element describes the community facilities and services provided to the Village of Elderon. It describes schools, libraries, public protection services, hospitals and child care services available to residents.

Schools

Primary and Secondary Schools

The Village of Elderon is served by the Wittenberg-Birnamwood School District, which operates three elementary schools and one high school. Residents of the Village attend Elderon Elementary (1-5), Wittenberg Middle School (1-8), and Wittenberg-Birnamwood High School (9-12). Enrollment in the district is declining, as shown in Table 9-1. The kindergarten center in Eland has been closed and children now attend kindergartens in each elementary school. Long range planning is considering creation of a separate junior high school. There are no private schools in the Village of Elderon. (Figure 9-1)

Table 9-1: Wittenberg-Birnamwood School District Enrollment

Year	Enrollment PreK-12
1996-1997	1,511
1997-1998	1,505
1998-1999	1,505
1999-2000	1,464
2000-2001	1,449
2001-2002	1,432

Source: State of Wisconsin, Department of Public Instruction

Post-Secondary Educational Facilities

University of Wisconsin – Marathon County (UW-MC) - UW-MC, located in Wausau, offers lower level (freshman/sophomore) college classes, leading to a baccalaureate degree. Associate Degrees are offered in Arts & Sciences, and Bachelor’s Degrees (through collaborative degree programs with UW Oshkosh and UW Stevens Point) offered in Business Administration, General Studies, and Nursing. Enrollment in 2002-2003 was approximately 1,300 students.

Northcentral Technical College (NTC) - NTC, located in Wausau, offers 40 one- and two-year programs and certificates in business, technical, health and industrial fields. Approximately 2,300 full- and part-time students attend classes, although more than 16,000 people take at least one class annually.

Northeast Wisconsin Technical College (NWTC) — NWTC is based in Green Bay and offers classes on three campuses and eight Regional Learning Centers throughout northeast Wisconsin. NWTC provides education and training for a skilled workforce through 67 associate degree and technical diploma programs, offered through various flexible learning options. The West Regional Learning Center of NWTC is located in Shawano.

Libraries

The Village of Elderon is served by the Marathon County Public Library system. A Village resident has purchased the former bank building and will present it to the Village for use as a library. The Village has begun talks with the County Library Board to secure 50 percent of operating funds from them.

The Village of Hatley is also working with the County to plan and construct a new branch library in Hatley in the near future.

The Wausau Headquarters Library, located on First Street in downtown Wausau, completed an expansion to 82,000 square feet in 1995. The new main Wausau Library is open seven days a week and offers over 555,800 volumes, as well as facilities including internet access. A new Rothschild Area Branch Library was recently constructed on Grand Avenue in Rothschild and has 3,240 square feet of space holding over 31,500 volumes.

Public Protection

Police

Law enforcement is provided by the County sheriff (Figure 9-2).

Fire and Emergency Response

The Village of Elderon has its own fire department with 15 to 20 volunteers and maintains two trucks. The former County Highway Department building has been converted to the Village Fire Hall. The Village receives backup fire service from Wittenberg (Shawano County), and also receives ambulance service from Wittenberg (Figure 9-3).

E-911 Dispatch Service - The Marathon County Sheriff's Department Communications Division provides E-911 Dispatch for all Police, Fire, and Emergency Medical Services (EMS) agencies in Marathon County. The Communications Division services 85 user agencies and also provides alert

paging support for the Emergency Management Office, District Attorney, and Medical Examiners Office.

The users are served by a microwave linked voted repeater radio system, consisting of a control center at the Sheriff's Department, and nine remote radio tower sites spread throughout the County. The system is also utilized by the Marathon County Highway Department and the Wausau Fire Department to support their radio communications. The 37 base radio transmitters and 479 mobile radios that make up the integrated system are maintained and serviced by the Sheriff Department's radio technician.

Hospitals

The major hospital in Marathon County is Wausau Hospital at 425 Pine Ridge Boulevard in Wausau. Wausau Hospital was created in the 1970s from a merger of St. Mary's Hospital and Memorial Hospital. A new building was completed in 1979 and expansions followed in 1982 and 1992. The 321-bed facility is a multi-specialty regional health center serving a 12-county region in north central Wisconsin. Annual admissions in 2001 totaled 13,631.

Wausau Hospital and its parent corporation, Community Health Care, and other nearby hospitals are part of the Wisconsin Valley Health Network. Hospitals nearby that are part of the network and may serve Marathon County residents include:

- Langlade Memorial Hospital Antigo, WI

Birnamwood General Clinic is part of the Community Health Care network. The Clinic serves local needs and is located at 400 Railroad Street in the Village.

Shawano Medical Center is located at 309 N. Bartlette Street in Shawano. Shawano Medical Center offers an array of services including rehabilitation services, a 24-hour emergency room, and a convenient care clinic. There are 12 active physicians on staff, most affiliated with the Theda Care Physicians Clinics or the Menominee Tribal Clinic. There are also a number of visiting specialists available for consultation. Shawano Medical Center is one of over 50 hospitals in the nation that are affiliated with Planetree, Inc., a non-profit organization founded on patient-centered care.

St. Joseph's Hospital in Marshfield and St. Michael's Hospital in Stevens Point are both operated by Ministry Health Care. St. Joseph's Hospital is located at 611 Saint Joseph Avenue in Marshfield and offers a full array of services, specialty services and a complete rehabilitation unit. St. Michael's is a fully accredited acute care facility with 181 beds and nearly 200 doctors on staff. It is located at 900 Illinois Avenue in Stevens Point.

Working in conjunction with St. Joseph's Hospital is the Marshfield Clinic. Marshfield Clinic began in 1916 when six physicians decided to join their efforts. The Marshfield Clinic has grown to over 700 physicians with 41 Regional Centers in Wisconsin and Upper Michigan. Marshfield Clinic first established satellite locations in 1976. Offices in Marathon County are located in Athens, Colby/Abbotsford, Marathon, Mosinee, Schofield (Everest Center), Stratford, and Wausau (4 locations). There is a Marshfield clinic in Wittenberg.

Ministry Health Care announced plans in July 2002 to construct a 104-bed, \$100 million hospital and medical office complex in Weston near the intersection of STH 29 and CTH X. The hospital is planned to open in 2005. (Figure 9-4)

North Central Health Care (NCHC) – In addition to the hospitals and clinics described above, Marathon County is served by NCHC, a public agency, that also serves Langlade and Lincoln counties. The NCHC main campus is located at 2400 Marshall Street in Wausau. Additional offices are located in Antigo (Langlade Health Care Center) and Merrill and Tomahawk (Lincoln Health Care Center). According to their web site, NCHC offers outpatient, day hospital, community support and inpatient services for mental/emotional problems; vocational, life skill training, early intervention, housing and care management services for the developmentally disabled; and assessment, individual and outpatient group counseling, intensive programming, day hospital, referral for residential and inpatient treatment, and education for alcohol and other drug problems. Services for detoxification and for persons suffering from problems with gambling addiction are also offered.

NCHC operates a nursing home (Mount View Care Center) that offers skilled nursing services at the main campus in Wausau. This facility has a licensed capacity of 320 and serves persons requiring either short term or long term skilled nursing care because of complex physical needs, psychiatric and neurological diseases, dementia or behavior problems.

Child Care

The Wisconsin Child Care Resource and Referral (CCR&R) Network is a membership organization made up of 17 community-based CCR&R agencies serving the State of Wisconsin.

CCR&R agencies assist parents in selecting quality childcare, help to increase the supply of childcare in areas that may be lacking sufficient care, offer information and technical support to potential child care providers, and give technical assistance and support to existing childcare programs.

Each agency manages a database of existing childcare providers and programs, collects data about childcare rates, provider and teacher salaries, the number of parents and children using their services, the type of care requested and the children's ages.

The community-based CCR&R agencies that provide services to Marathon and adjacent counties are shown in Table 9-2.

Table 9-2: Child Care Referrals

Counties	Agency	Contact Information
Langlade, Lincoln, Marathon, Taylor	Child Care Connection	http://www.childcareconnectionrr.org/ (800) 848-5229
Shawano	Community Child Care Connection	800-738-8899
Portage	Mid Wisconsin Child Care Resource & Referral	715-342-0788

Community Facilities Issues

- **Library Facility**—Residents of Elderon have a building and have begun talks with the County and the Library Board about opening a library in the Village.

10. Parks

Existing Parks, Trails and Open Space

Local Park and Recreation Facilities

The Village of Elderon owns and maintains three public parks, South Park, North Park, and McNulty Park near the Village Hall. (Figure 10-1) South and North Parks were initially Marathon County parks that were transferred to the Village of Elderon. South Park is located at Cottrell Street along the shore of Lilly Lake. A nature trail runs along the west and north side of the lake. North Park has a popular ball diamond and two shelters. Recent additions include two eagle statues, carved from old trees in the park. The Park is heavily used, drawing people from a 30-mile radius.

McNulty Park was begun in the 1970s when a resident made a cash donation in honor of her late son. Other residents donated the property, which is located near the Town Hall, Fire Hall and other community facilities. McNulty Park has playground equipment and a shelter.

For a community of its size, Elderon has a wealth of park and recreation facilities and has done an admirable job of securing funding, and enhancing and maintaining them. When the North and South Parks were transferred to the Village, an Improvement Committee was formed to maintain and improve the parks. Through private donations and matching grants, the Committee has continued to make improvements to the park and to recreation facilities.

County or State Parks, Forest and Trails

There are no Marathon County parks located in the Village or Town of Elderon. Marathon County parks located within a short drive include Mission Lake in Reid.

Mission Lake County Park — Mission Lake County Park is located in the southeast corner of the Town of Reid, on the border with the Town of Elderon. Mission Lake is a 122-acre park with facilities including three shelters, restrooms, picnic tables, grills, children's play equipment, and drinking fountains. The main features are a sand beach and boat launch, with fishing a popular activity. A planned segment of the Ice Age Trail will also be constructed in the park.

Elderon Forest Unit — Marathon County owns the Elderon Forest Unit located south of Pine Lake Road at Tower Drive, in the Town of Elderon. The forest is 279 acres in size, with the majority of the vegetation oak and northern hardwood, and some pine plantations, aspen, and cedar swamp. The forest is open to recreational uses such as hunting, snowmobiling, hiking, and camping.

Rib Mountain State Park — Rib Mountain State Park is located within the Town of Rib Mountain. The park's main feature is Rib Mountain, which at 1,924 feet above sea level is one of the highest elevations in the State of Wisconsin. The park surrounds the mountain and has the following facilities: a picnic area with 65 tables, a camping area with 31 developed sites, 3 hiking trails, a nature trail, and a downhill skiing area with 12 runs.

Park System Capacity

- The Village has adequate park land, and can handle any additional Village growth in the future.
- Playground equipment in the parks is in good condition, and has all been replaced in the last 5 years.
- Playground equipment at the school is also available for public use, although such use is not generally encouraged.

Issues

- **Parking**— The Village is trying to acquire additional land for parking near the ball field in North Park. Whenever there are ball games, participants park their vehicles along STH 153, which can be a safety hazard.
- **Sidewalks**—The Village has discussed building sidewalks along STH 153 to North Park to provide safe access for park users.

11. Economic Development

The condition of the local economy directly influences local growth and development, and therefore must be considered when planning for a community's future. Employment patterns and economic trends generally occur on a regional scale. Oftentimes residents of one community work in another. Similarly changes in a major industry can impact jobs and growth far beyond the community where the business is physically located.

It is therefore important to understand a local community's economy in light of its regional context. The following section provides a brief overview of the economy in Marathon County, in terms of key economic sectors and the regional labor force. A more specific description includes Village of Elderon employment trends, major local employers or industries, and where most residents work. Potential economic development opportunities and/or issues regarding the local economy are also identified.

County Economic Environment

Originally, the Marathon County economy was based on forest resources and diversified agriculture. Increased population and infrastructure – railroads, roads and dams for power enabled the area to evolve beyond simple agricultural and logging operations. Resources that once left the area unprocessed were transformed into finished products in the County, providing employment opportunities and adding value in forest products and agricultural processing. A number of related manufacturing operations grew up in the area, some based on forest products and agricultural products, others supplying the

existing industries with fabricated metal products. As these industries progressed, so did industries such as transportation, communications, public utilities, government, trade, finance, insurance and real estate. The County now enjoys a well-diversified economy.

Agricultural Economy

Located in the agricultural area of eastern Marathon County, the economic health and vitality of the Village of Elderon is affected by the economic health of the agricultural economy. However, the agricultural economy is subject to national and international pressures, creating challenges for rural areas seeking to adapt to the changing economic environment and preserve their rural agricultural heritage.

The Marathon County agricultural economy is in a depressed state due to a downturn in prices for agricultural goods such as milk and ginseng. At the same time that prices for farm commodities are low, cash rents for Wisconsin farmland have increased, and the percentage of farm equity associated with real estate values has increased significantly. The average cost for agricultural land being converted to non-farm uses has increased from \$544 per acre in 1990 to nearly \$1,200 per acre in 2000; this compares with the average cost for agricultural land continuing in agricultural use, which has increased from \$612 per acre in 1990 to nearly \$1,000 per acre in 2000. When farms are not profitable and the value of land rises, farmers have a harder time competing for the land base.

Other forces that create an environment of change in the rural area:

- Net farm profits are increasingly a function of Federal United States Department of Agriculture (USDA) support payments.
- The average age of the current agricultural owner/operator is nearly 55; a large number are nearing retirement.
- The low entry rate into agriculture reflects the high capital investment and low profit margins.
- The number of dairy herds decreased by 10 percent (1,565 to 951 farms) in the past 13 years, and the total number of cows decreased from 77,000 in 1990 to 64,000 in 2000, a decrease of 17 percent.
- Dairy production is now more concentrated; the average size of dairy herds increased from 42 cows in 1990 to 62 cows in 2001. Nearly 50 dairies have over 300 animal units (200 cows), and 12 dairies have more than 1,000 animal units (more than 700 cows).
- Local milk production is not sufficient to reliably meet the demand of local dairy processors.
- Crop land and open space are being broken up into smaller fields by rural residences.
- Crop land production is being concentrated into fewer, larger operations.

- Soil erosion is increasing and soil organic matter content is decreasing.
- Environmental regulation of farms by the State and Federal government continues to increase. Agriculture is identified as a major non-point source of water pollution (sediment and nutrients) in the U.S.
- Larger farm equipment damages local roads and farm traffic is increasing.
- Conflicts between various land uses in rural areas are increasing.

** Source: Marathon County Task Force on the Rural Economy, Agricultural Issues in Marathon County, January 10, 2003 and Report of the Marathon County Task Force on the Rural Economy, April 2003.*

Key Economic Sectors

Key sectors of a regional economy can be identified by size, by growth or decline in employment, or by a concentration of the industry in the local area exceeding the national concentration. An industry that shows a higher concentration of employment than the national average is considered a “basic industry” and is identified by a technique called “Location Quotient” analysis. Basic industries are those sectors that export a product or service from the local community into the national or international economy. They are a critical part of the “economic engine” for a region, affecting the growth and health of many dependent sectors such as retail, transportation, construction, and local services. The top 10 industry groups in Marathon County are shown in Table 11-1.

Table 11-1: Marathon County Top 10 Industry Groups Based on Number of Employees (March 2001)

Industry Group	Employers	Employees	Numeric change	
			1-year	5-year
Health Services	139	4,646	251	-276
Lumber & Wood Products	41	4,438	-30	253
Educational Services	22	3,792	108	243
Eating and Drinking Places	192	3,554	219	335
Fabricated Metal Products	32	3,458	-184	168
Insurance Carriers	24	3,339	-171	*
Miscellaneous Retail	120	3,142	206	1,206
Paper and Allied Products	11	2,649	4	*
Industrial Machinery & Eqmt	37	2,642	41	697
Wholesale Trade – Durable	164	2,521	-89	63

*data suppressed to maintain confidentiality

Source: Wisconsin Department of Workforce Development, ES-202, December 2001

Local Economic Environment

The population of Marathon County grew from 115,400 in 1990 to 125,834 in 2000, an increase of 10.3% compared to an 8.5% increase in the State and 8.7% in the U.S. The most recent estimates show an annual growth rate of 0.7% in all three jurisdictions. (Wisconsin Department of Administration [WDOA], Demographic Services, 2002) Population growth has been concentrated in the urbanized area surrounding Wausau.

Table 11-2 illustrates population and employment information for the Village of Elderon. In 2000, there were 32 employed people in the Village of Elderon. There were 11 persons in

service employment, 10 in the “other” category and 9 were self-employed or in farming. Because self-employment and farm employment are not covered under the State’s unemployment compensation law, totals in that category were estimated by the North Central Wisconsin Regional Planning Commission (NCWRPC), using the Agricultural Census and figures from Wisconsin’s Department of Workforce Development (DWD).

Table 11-2: Population and Employment by Sector, 2000

POPULATION	189
EMPLOYMENT:	
Commercial	2
Manufacturing	--
Service	11
Other	10
Self-Employed/Farm	9
TOTAL	32

Source: Marathon County 2030 Population and Employment Projections Methodology Report, NCWRPC, 6/10/03

Employment Projections

Information on employment in Marathon County is gathered separately for non-farm and farm employment. The DWD collects data on non-farm employment. The DWD estimated non-farm employment in Marathon County to be 49,407 in 1990 and 65,630 in 2000. This represents about a 33 percent increase over ten years. Data on farm employment is collected by the Census of Agriculture and consists of hired farm labor and operators. In 1987, farm employment in Marathon County was estimated to be 11,643 and in 1997 it was estimated to be 8,298. This represents a decrease of almost 29 percent.

The NCWRPC computed employment projections, using a low, moderate and high growth scenario, based on the assumption that the historical growth rates described above would continue through 2030. The moderate projections are shown in Table 11-3.

Table 11-3: Employment Projections in 5-Year Increments

	Total Employment by Year						
	2000	2005	2010	2015	2020	2025	2030
Village of Elderon	32	34	36	37	39	41	43
County	72,508	75,625	78,742	81,859	84,976	88,093	91,210

Source: *Marathon County 2030 Population and Employment Projections Methodology Report, NCWRPC, 6/03*

The projections indicate slightly increasing employment for the Village of Elderon. By the year 2030, it is estimated that the Village of Elderon will provide employment for 43 workers. This estimate reflects a 34 percent employment increase. Table 11-4 shows the percent change in projected employment using a low, moderate and high growth scenario. With current employment (2000) at 32 workers, the scenarios show the number of projected workers in 2030 under each projection. The percentages at each level of growth are fairly similar because the actual projected numbers are modest. Projected employment growth ranges from 28 percent to 38 percent for the Village of Elderon.

Table 11-4: Percent Change in Employment, 2000-2030

	Percent Change in Employment by Growth Rate		
	Low Growth	Moderate Growth	High Growth
Village of Elderon	28% (41)	34% (43)	38% (44)
Marathon County	21%	26%	34%

Source: *Marathon County 2030 Population and Employment Projections Methodology Report, NCWRPC, 6/03*

Major Local Employers

Most Village of Elderon residents work outside the community. Residents commute to Stevens Point, Wausau, Wittenberg, and Waupaca. There are a few small businesses in the Village, but not all provide full-time employment.

Issues

- **Expand Service Businesses—** In a 2002 survey, Village of Elderon residents supported adding more businesses to the Village. High on their list were suggestions for a diner, grocery store, retail store, or hardware store.
- **Future Industrial Growth –** Residents gave qualified support for some light industry in Elderon. The 2002 survey of Village residents identified support for light industry being developed in the Village, but not to the level of developing a business/industrial park.

12. Intergovernmental Cooperation

This analysis presents an inventory of existing mechanisms that the Village of Elderon uses to coordinate with other units of government, including: Marathon County, adjacent towns, the school district, the State of Wisconsin and the Federal government. The purpose of this analysis is to identify the existing cooperative mechanisms and summarize the major challenges and issues regarding intergovernmental cooperation and regional planning, including

- Opportunities to reduce or eliminate duplication of services;
- Incompatible goals, policies and development;
- Mechanisms for conflict resolution;
- Opportunities for joint planning and decision making.

Mechanisms for cooperation and coordination primarily take the form of intergovernmental agreements, leases and contracts, and regulatory authority. These can occur between the Village of Elderon and other local, regional, State or Federal entities. Following is a brief description of the various functional areas and services that require intergovernmental coordination at various levels.

Shared Public Services and Facilities

Law Enforcement— Law enforcement is provided by the Marathon County sheriff.

Fire and Emergency Response- The Village of Elderon has its own fire department and maintains two trucks. They have a standing agreement for backup fire service from Wittenberg (Shawano County), and also receive ambulance service from Wittenberg. The Village has an agreement with the Wisconsin Department of Natural Resources (WDNR) to respond to fires if aid is requested.

Utilities- The Village does not provide sewer or water services; residents have private waste disposal systems and individual wells.

Relationships to Other Governmental Entities

Surrounding Municipalities- The Village of Elderon is completely surrounded by the Town of Elderon, and the Town of Franzen lies nearby to the south. These surrounding municipalities are concurrently preparing comprehensive plans, which will increase opportunities for coordination and cooperation on matters of common interest.

School District- Elderon is located in the Wittenberg-Birnamwood School District (Shawano County). There is an elementary school located in the Village.

Marathon County- The County provides several services to the Town including: law enforcement through the Sheriff's Department, 911 dispatch service, access permits, maintenance and improvement of County Highways, planning and permitting oversight regarding shoreland, wetland and floodplain regulation, private sewage system regulation, and animal waste and manure management. The County also provides oversight on compliance with County soil and water conservation policy for the Farmland Preservation Program.

Regional Agencies- The North Central Wisconsin Regional Planning Commission (NCWRPC) provides planning and mapping assistance.

State and Federal Agencies - The Village has little direct contact with State or Federal agencies. However State agencies regulate certain activities such as access onto State roads, shoreland, floodplain and wetland zoning oversight, navigable waters protection, compliance with water quality standards, farmland preservation tax credits and managed forest tax credit programs.

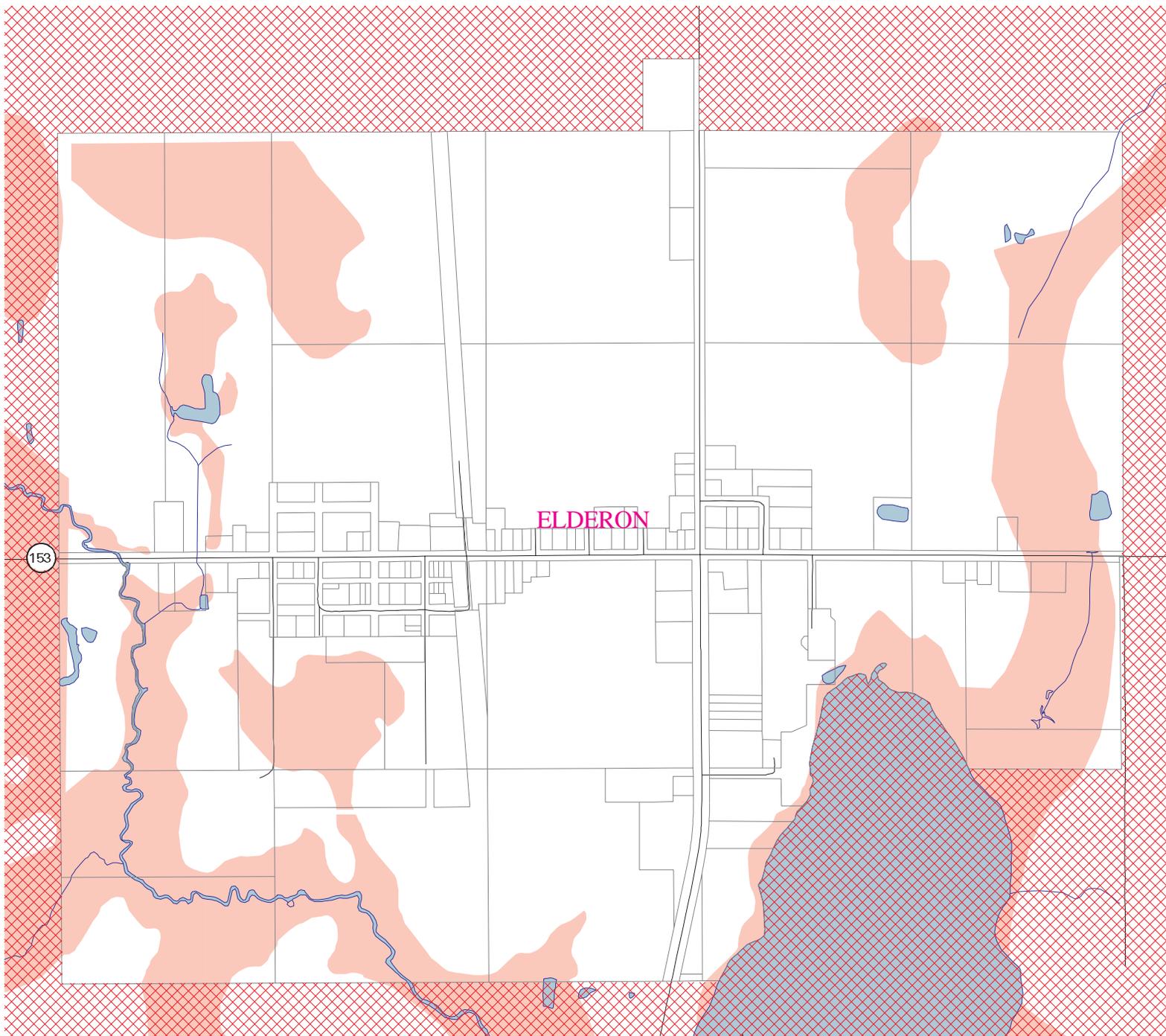
Cooperative Plans or Agreements

Boundary Agreements/Plans—

- **STH 29 Corridor Study—** Given the construction of the new hospital, the anticipated residential development pressure, and the CTH Y reconstruction, there may be a need for the Towns and Villages in the Eastern sub-area of the County to undertake a corridor study. The study would help the various communities to develop a common vision for the areas along STH 29 and better plan for land use and access that will be beneficial to all the communities.

Existing or Potential Conflicts

No existing or potential conflicts with intergovernmental issues were identified by the Village of Elderon.



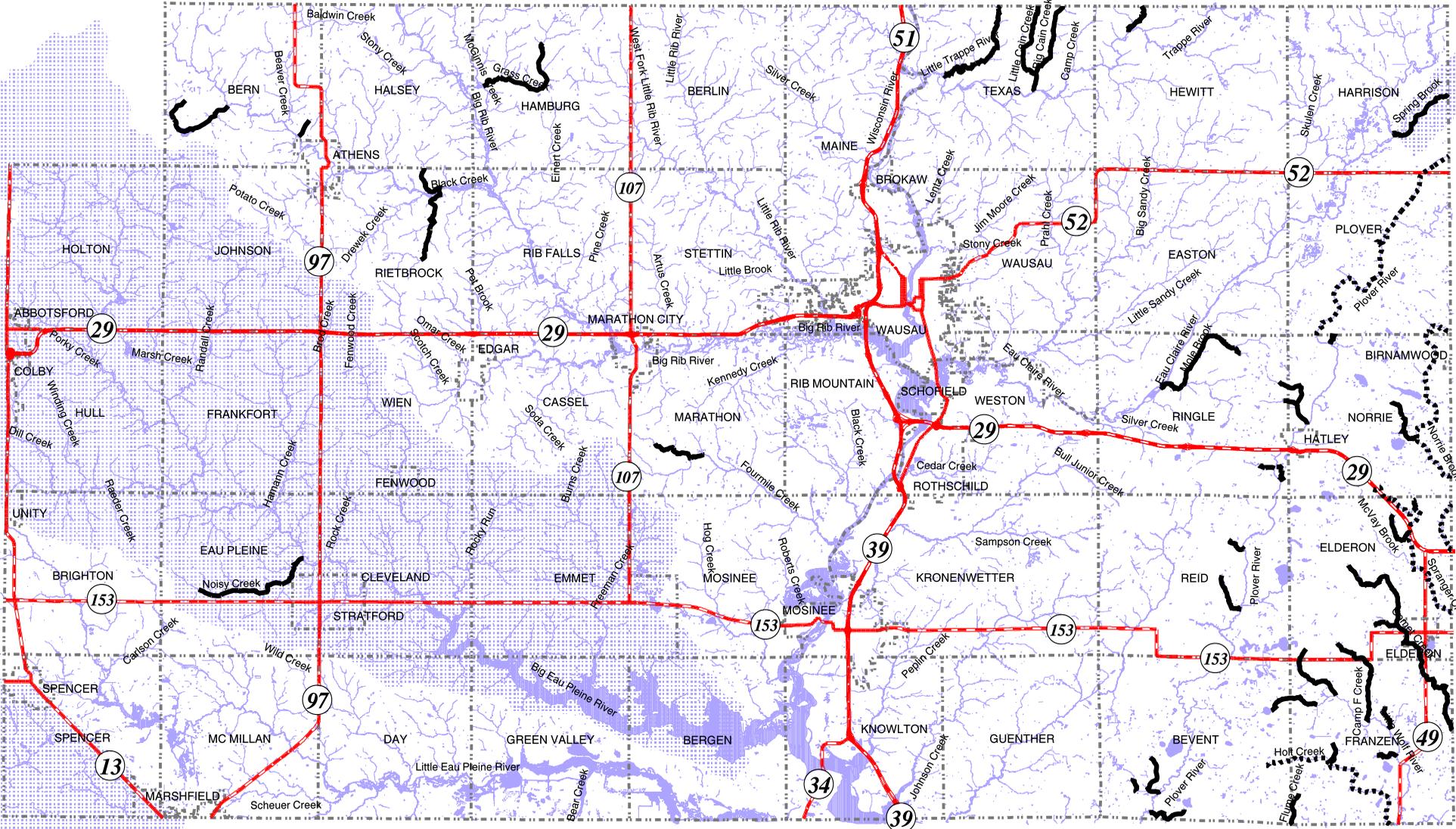
■ FEMA Floodplain

■ Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 3-1
 100 Year Floodplain
 V-ELDERON

MARATHON COUNTY

OUTSTANDING & EXCEPTIONAL RESOURCE AND IMPAIRED WATERS

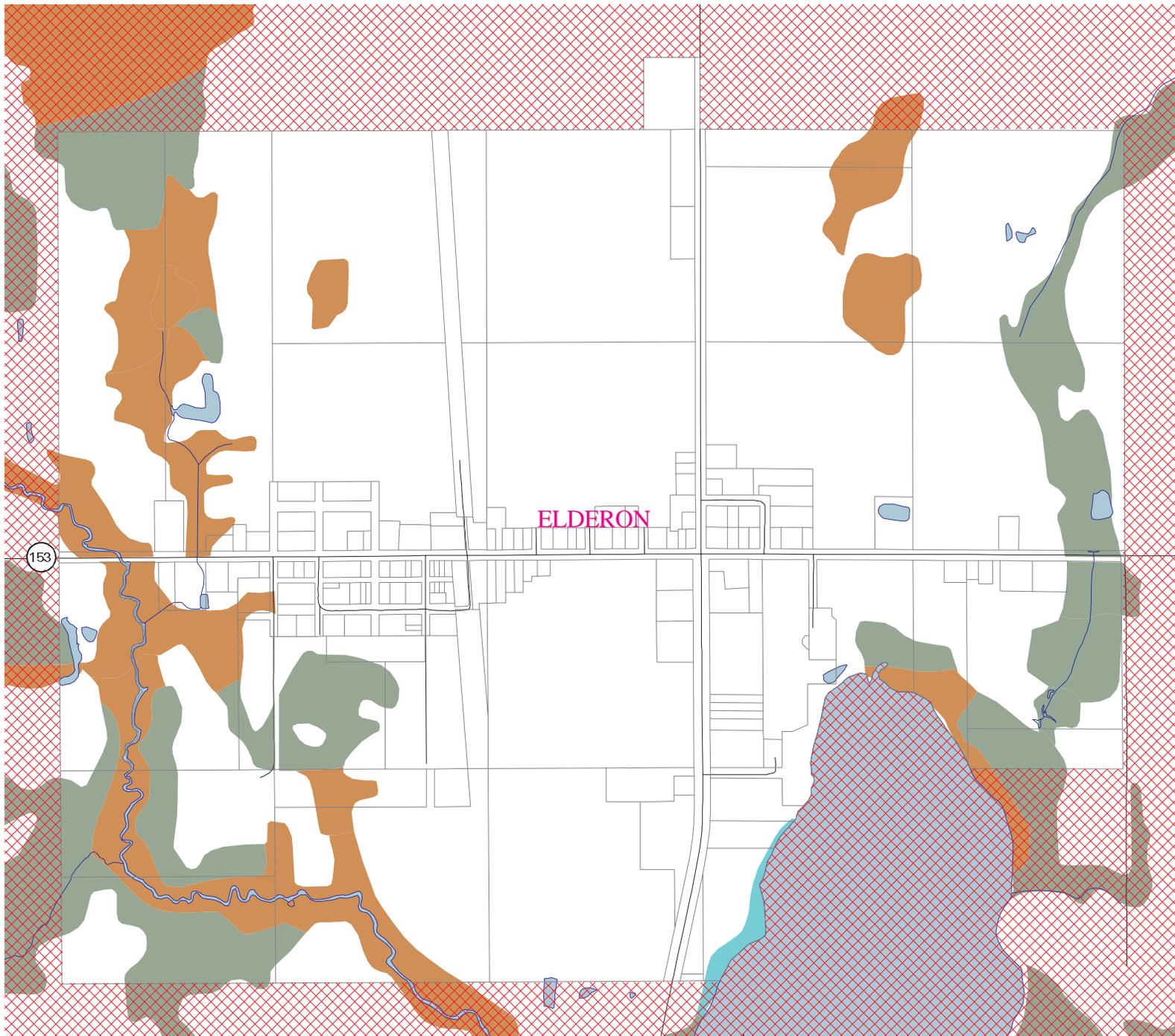


Exceptional
Outstanding
State & Us Highways
Municipal Boundary
Water Features
Impaired Waters



O & E Resource and Impaired Waters
Data from the WIDNR

Figure 3-2

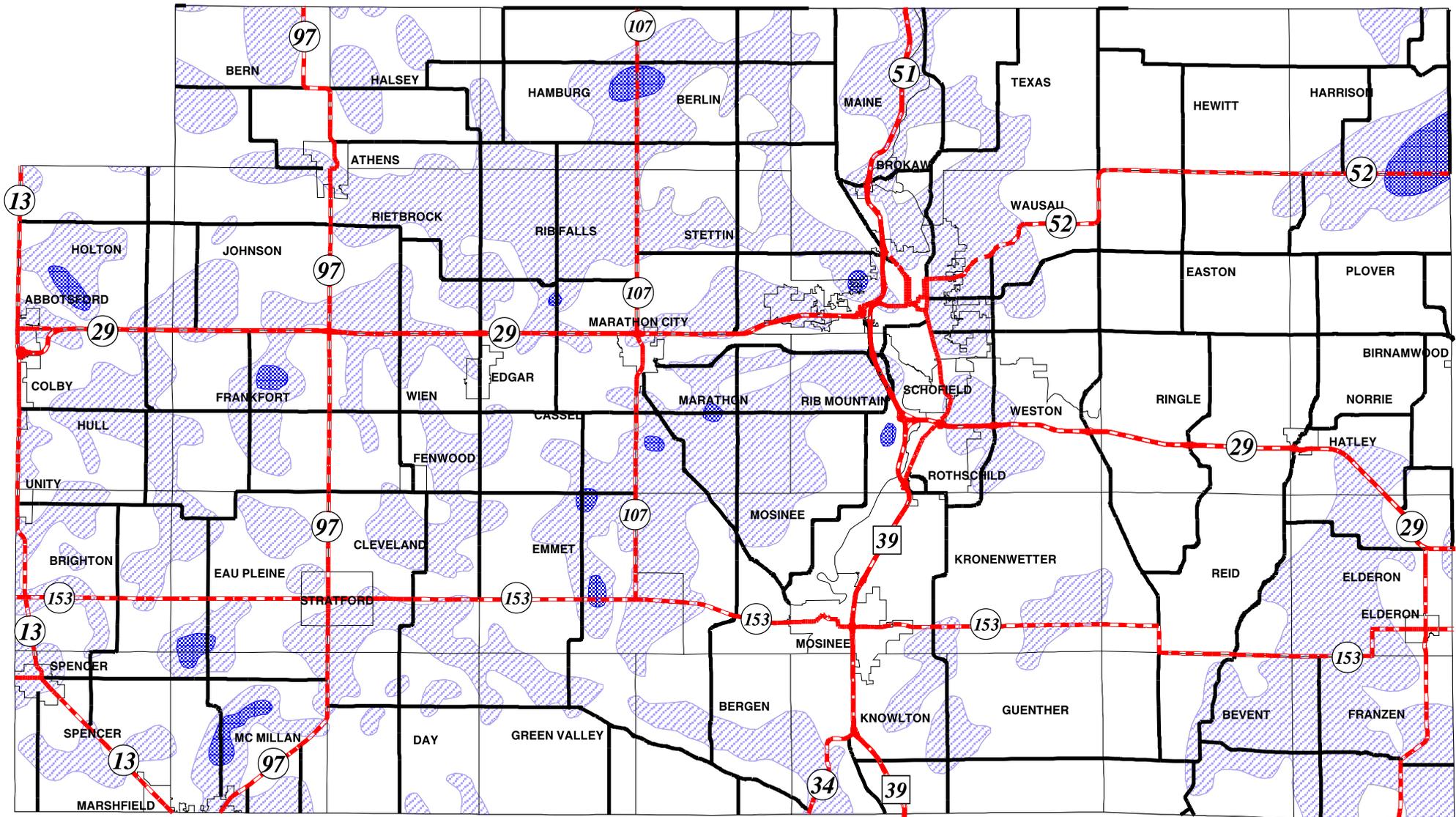


- Aquatic beds
- Emergent/wet meadow
- Filled/draind wetland
- Flats/unvegetated wet soil
- Forested
- Scrub/shrub

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 3-3
Wetland Types
V-ELDERON

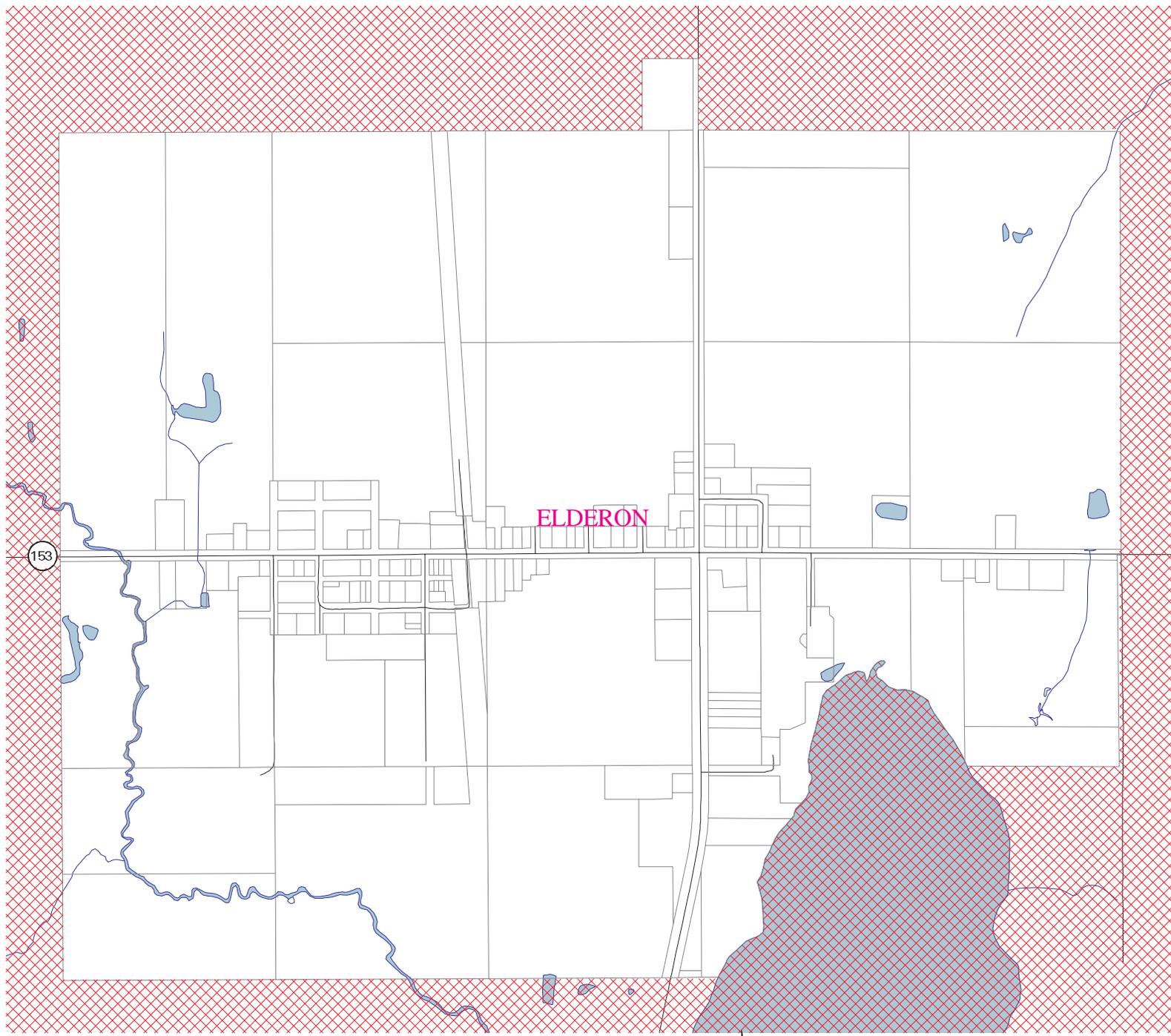
MARATHON COUNTY DEPTH TO GROUND WATER



-  State & Us Highways
-  County Roads
-  Municipal Boundary
-  Ground Water Depth
-  0-20 feet
-  20-50 feet
- >50 feet



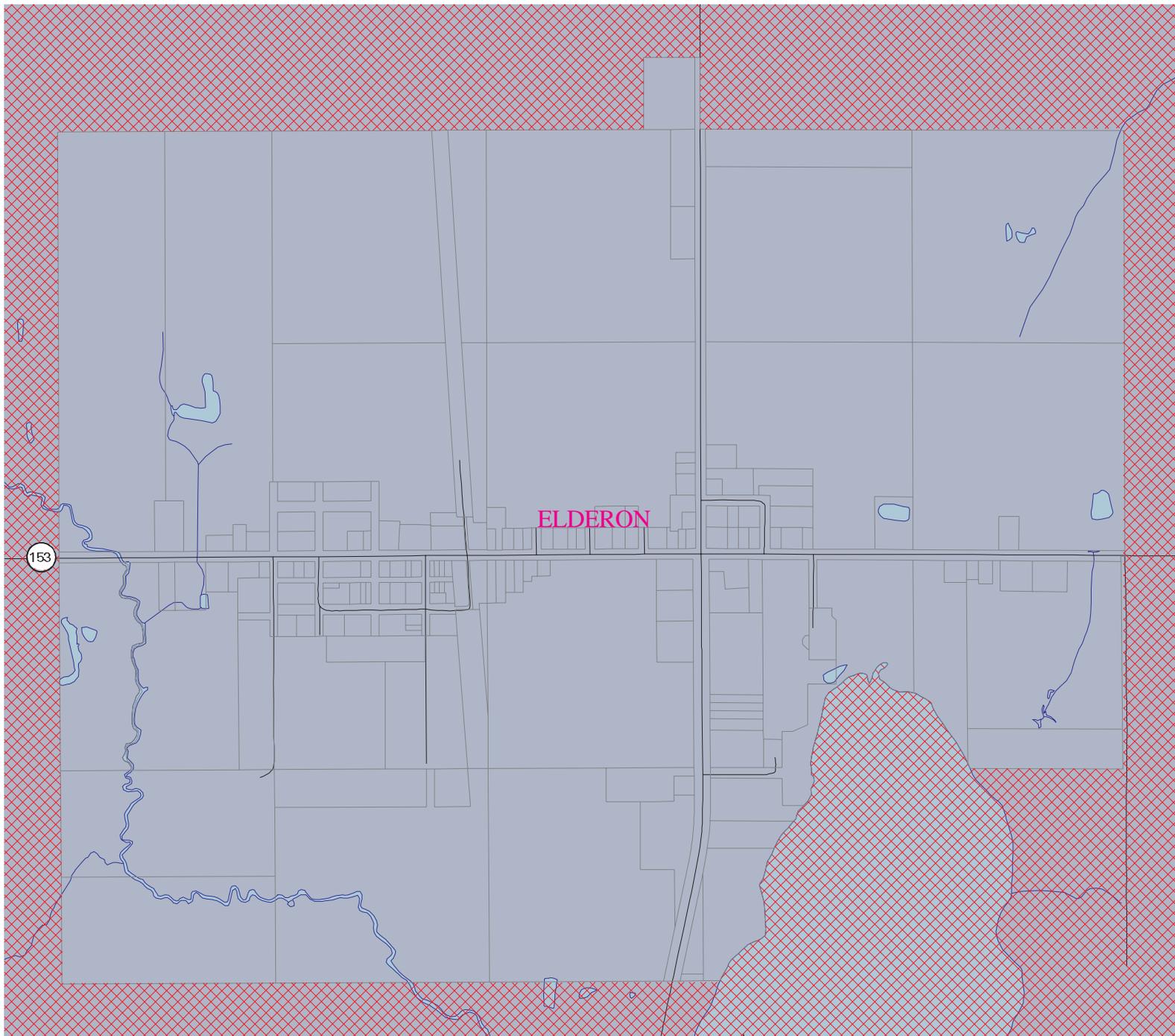
Source: "Irrigable Lands Inventory --- phase 1
Groundwater and Related Information", I.D. Lippett
and R.G. Hennings, MP -81-1, WGNHS 1981.



- 0 - 20" (Quarries)
- 20 - 40 "
- 40-60"
- >60"

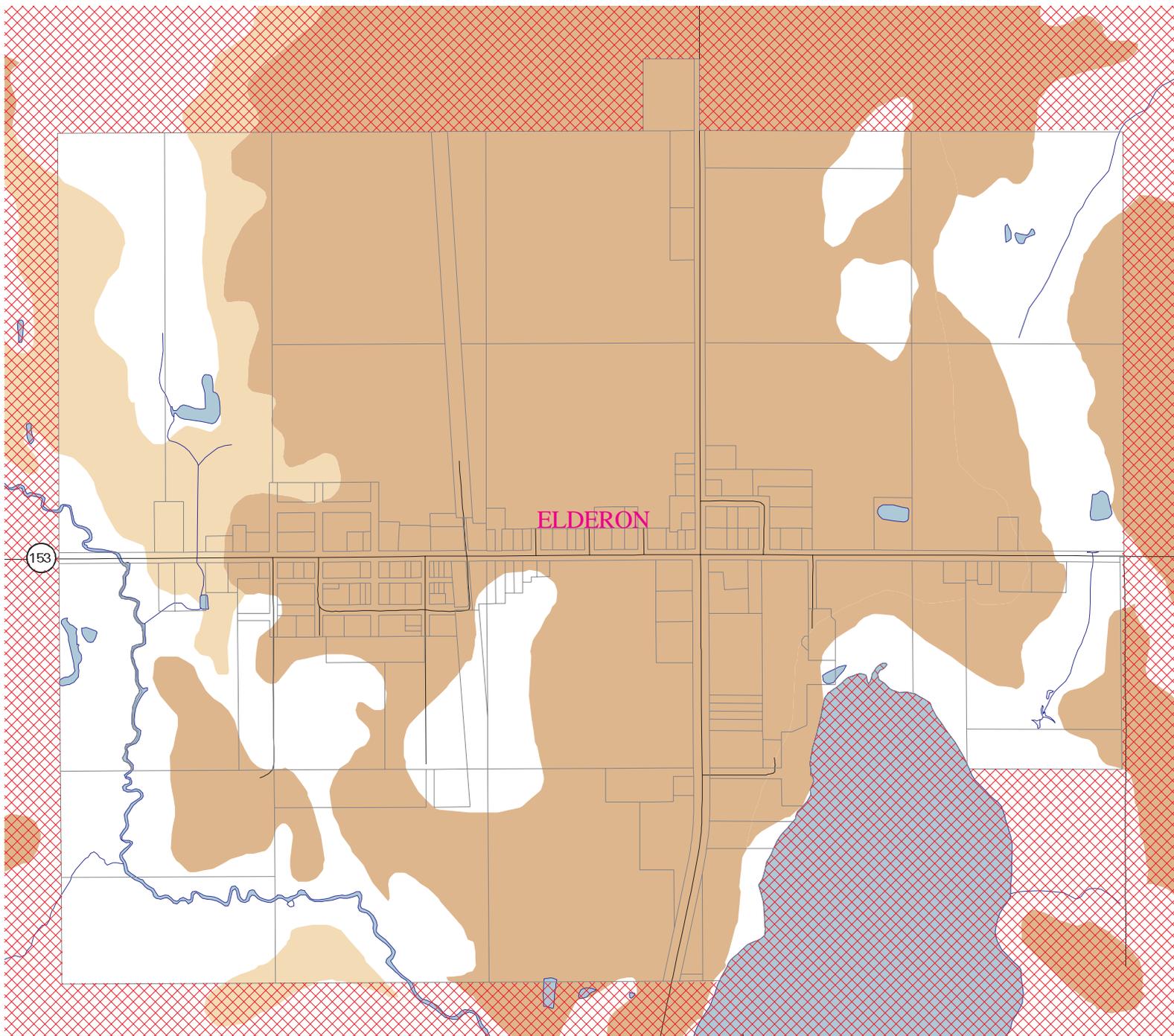
Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 3-5
Depth To Bedrock
V-ELDERON



- | | | | |
|-------------------------|-------------------------------|---------------------------|--------------------|
| Magnor-Cable | Marathon-Mylrea-Moberg | Mahtomedi-Fordum-Sturgeon | Cathro-Seelyeville |
| Loyal-Withee-Marshfield | Fenwood-Rietbrock-Rozellville | Chetek-Rosholt-Oesterle | |
| Kennan-Hatley | Mosinee-Meadland-Dancy | Mahtomedi-Graycalm-Meehan | |
- Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 3-6
 Soil Associations
 V-ELDERON



Group 1: The soils in this group are the very best in Marathon County. The USDA classification for these soils are prime farmland Class 2 due to climate and growing season length. They are well suited for growing all crops.

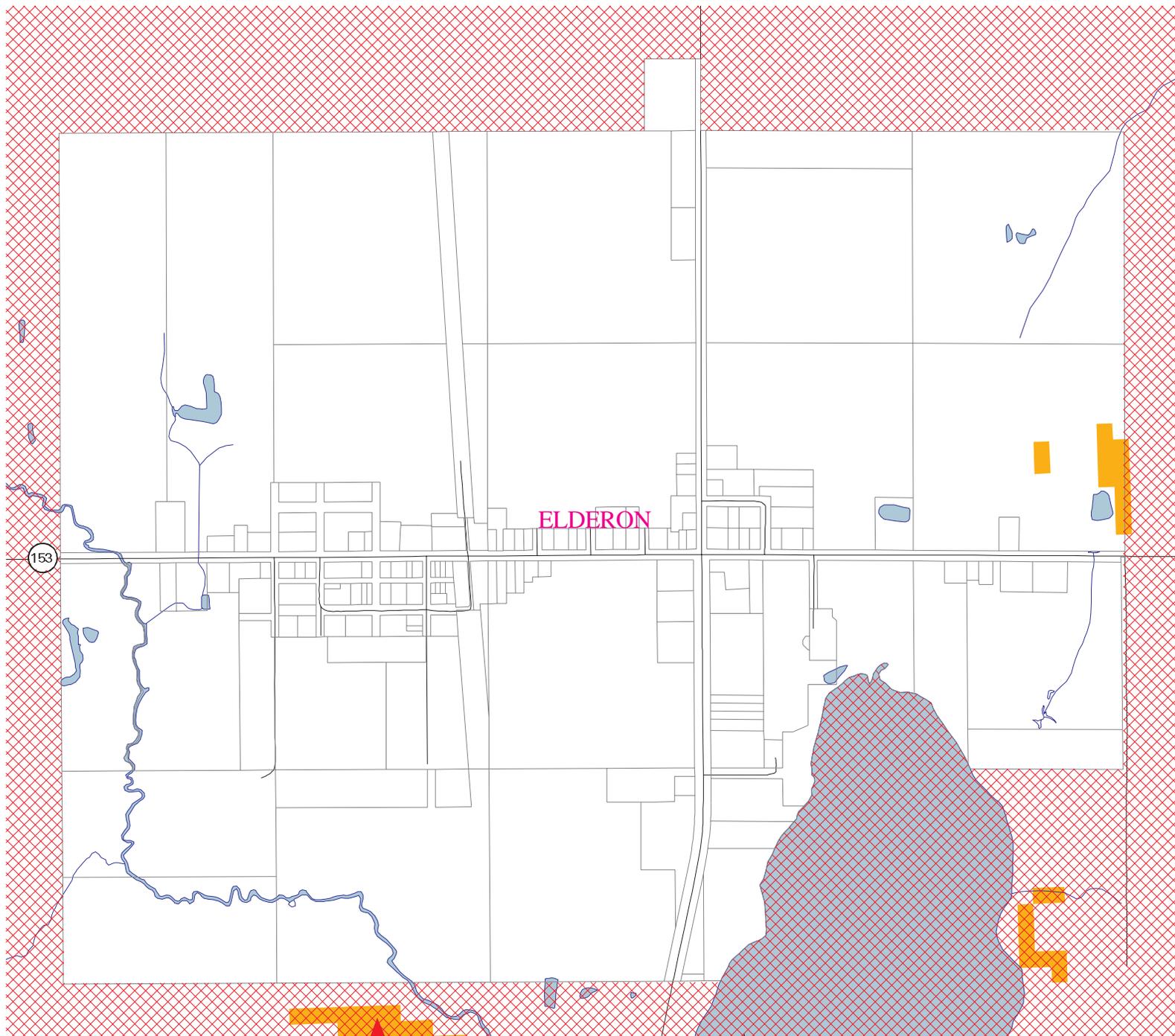
Group 2: The soils in this group are very good agricultural soils. They also are designated as prime farmland Class 2. These soils differ by having restricted drainage. In wet years they are more difficult to work and crops needing well drained condition (alfalfa, ginseng) do very poorly.



Indicates other Municipality

Map Developed by Marathon County CPZ & GIS 2005

Figure 3-7
Prime Farm Land
V-ELDERON



■ D - generally 12-20% slopes

■ E - generally greater than 15% slopes.

⊠ Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

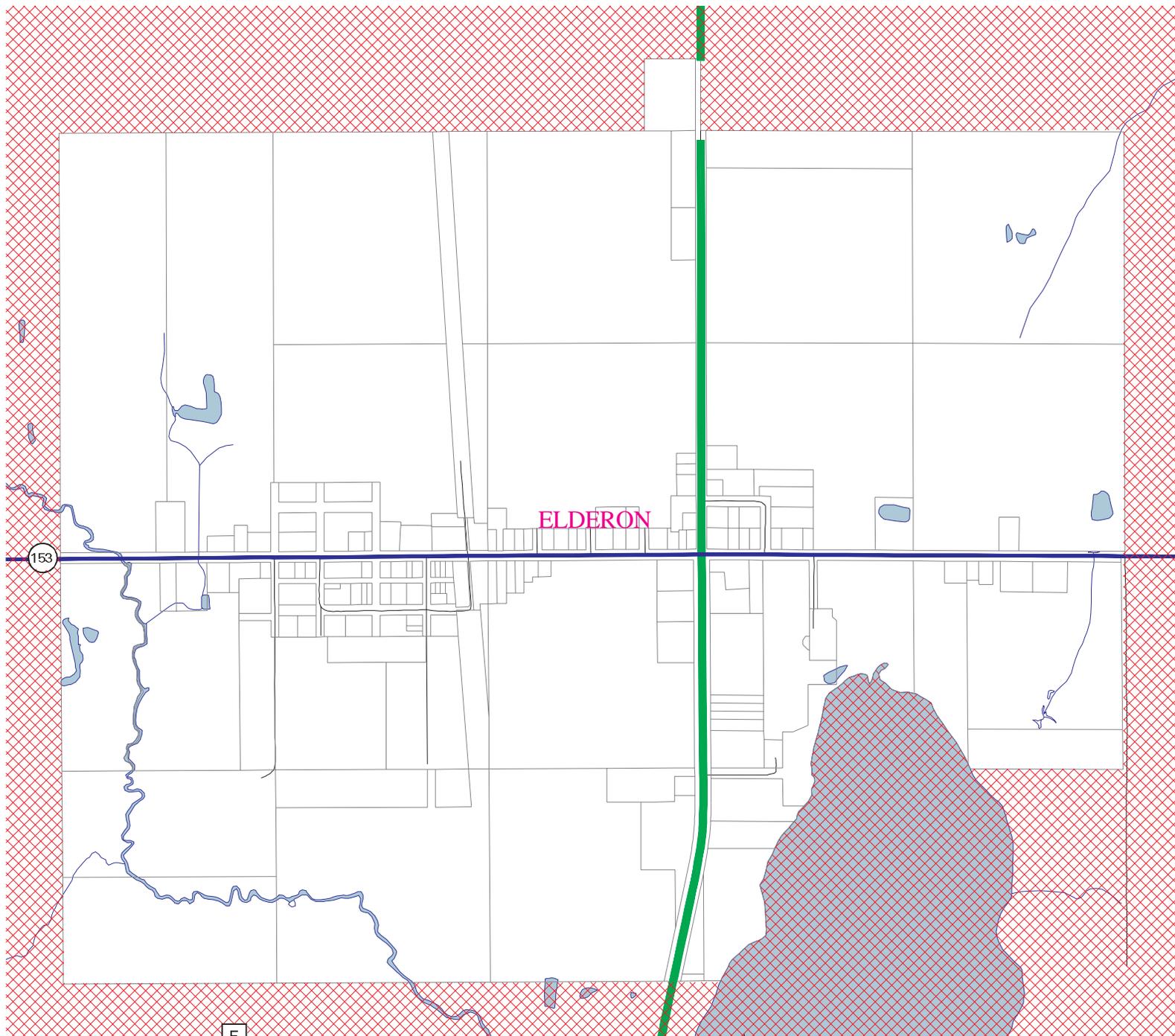
Figure 3-8
 Slopes
 V-ELDERON



- | | | | | |
|---------------------------|----------------------|---------------------|------------|--------------------|
| Single Family Residential | Industrial | Specialty Crops | Recreation | Transportation |
| Multi-Family Residential | Quarries/Gravel Pits | Other Agriculture | Woodlands | Vacant/Barren Land |
| Commercial Services | Crop Land | Public/Quasi-Public | Water | |

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

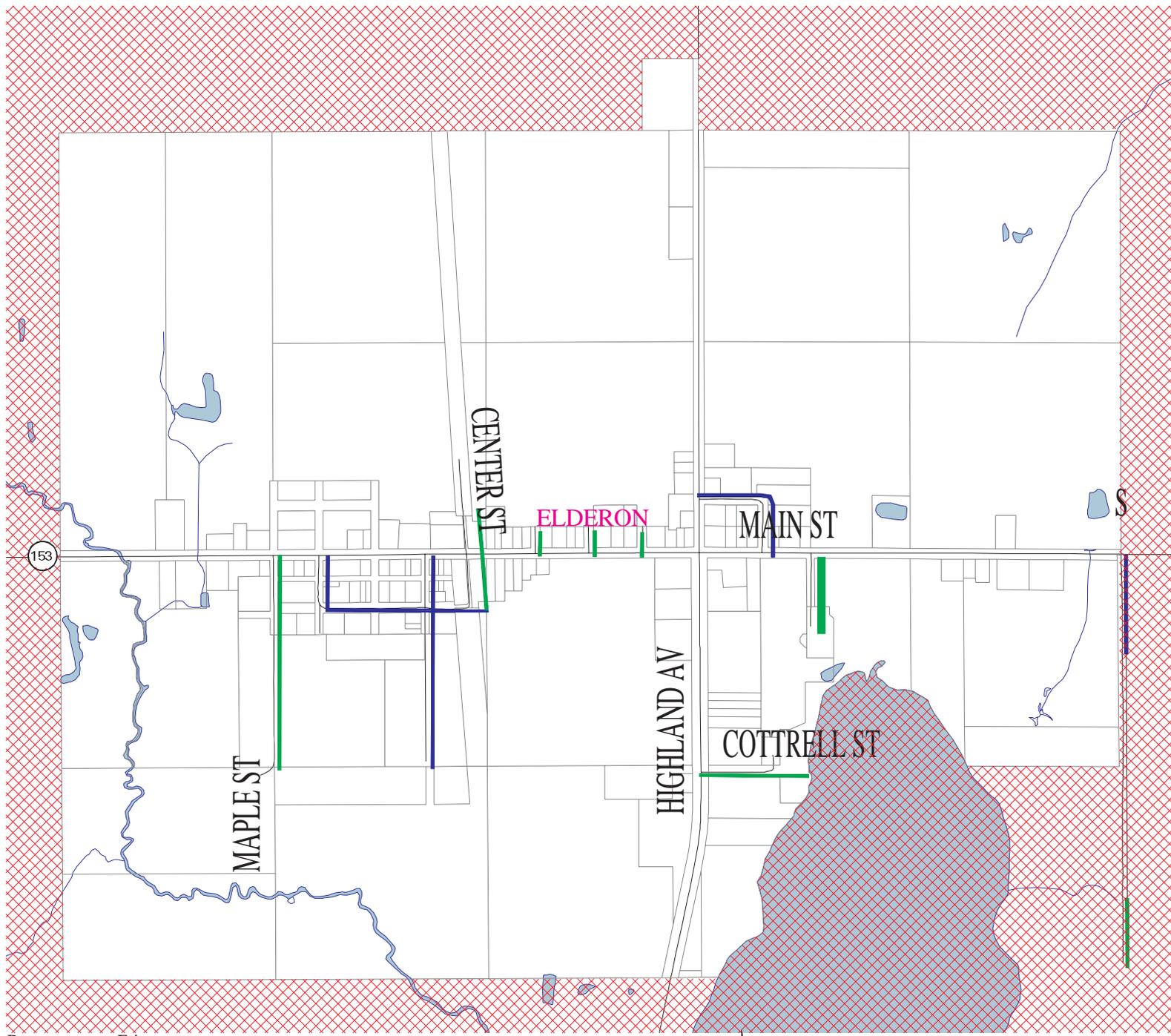
Figure 4-1
 2000 Landuse/Landcover
 V-ELDERON



-  Principal Arterials
-  Minor Arterials
-  Major Collector
-  Minor Collector

 Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

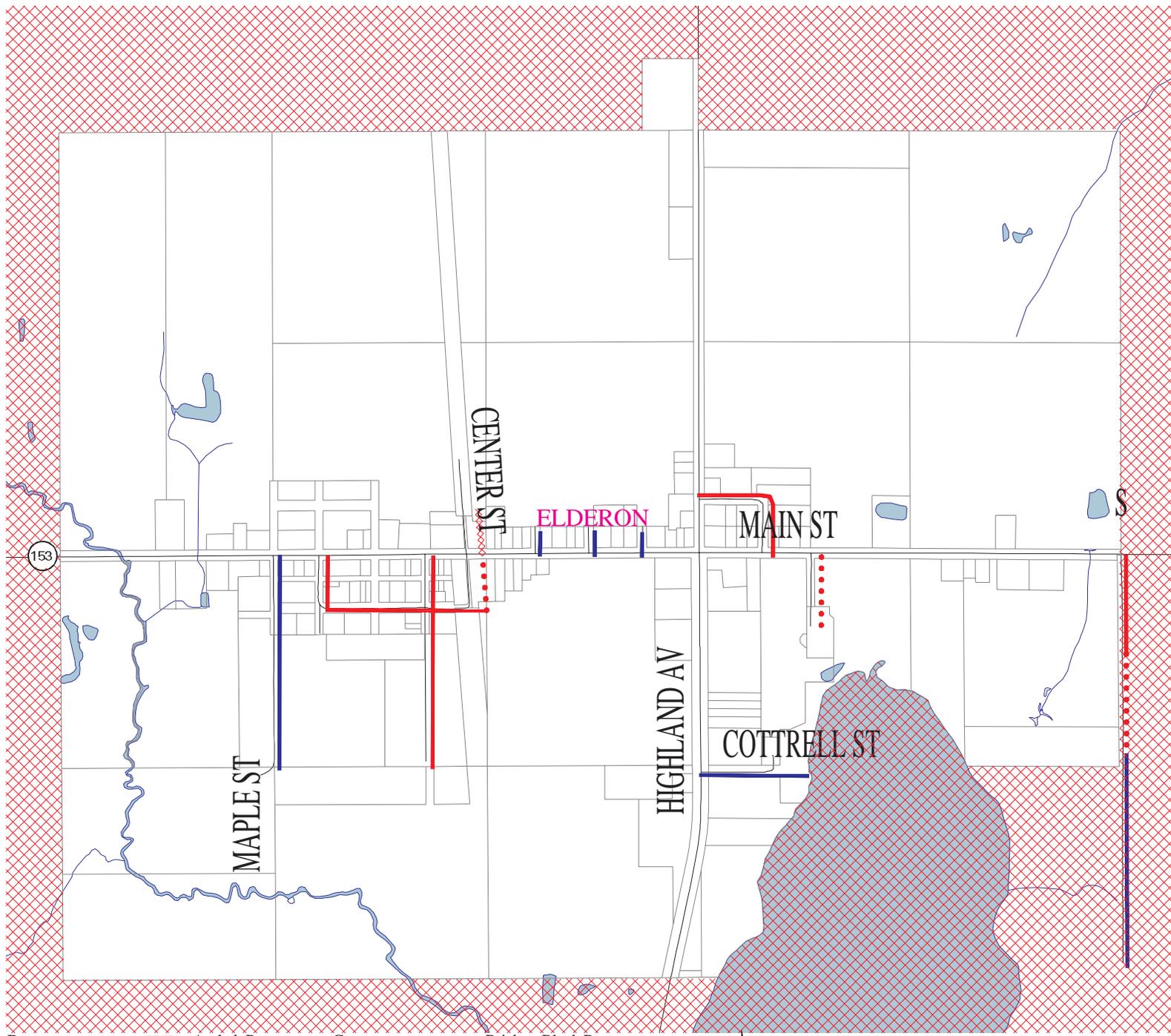
Figure 5-1
Functional Classification of Roads
 V-ELDERON



- No Data
- Failed
- Very Poor
- Poor
- Fair
- Good
- Very Good
- Excellent

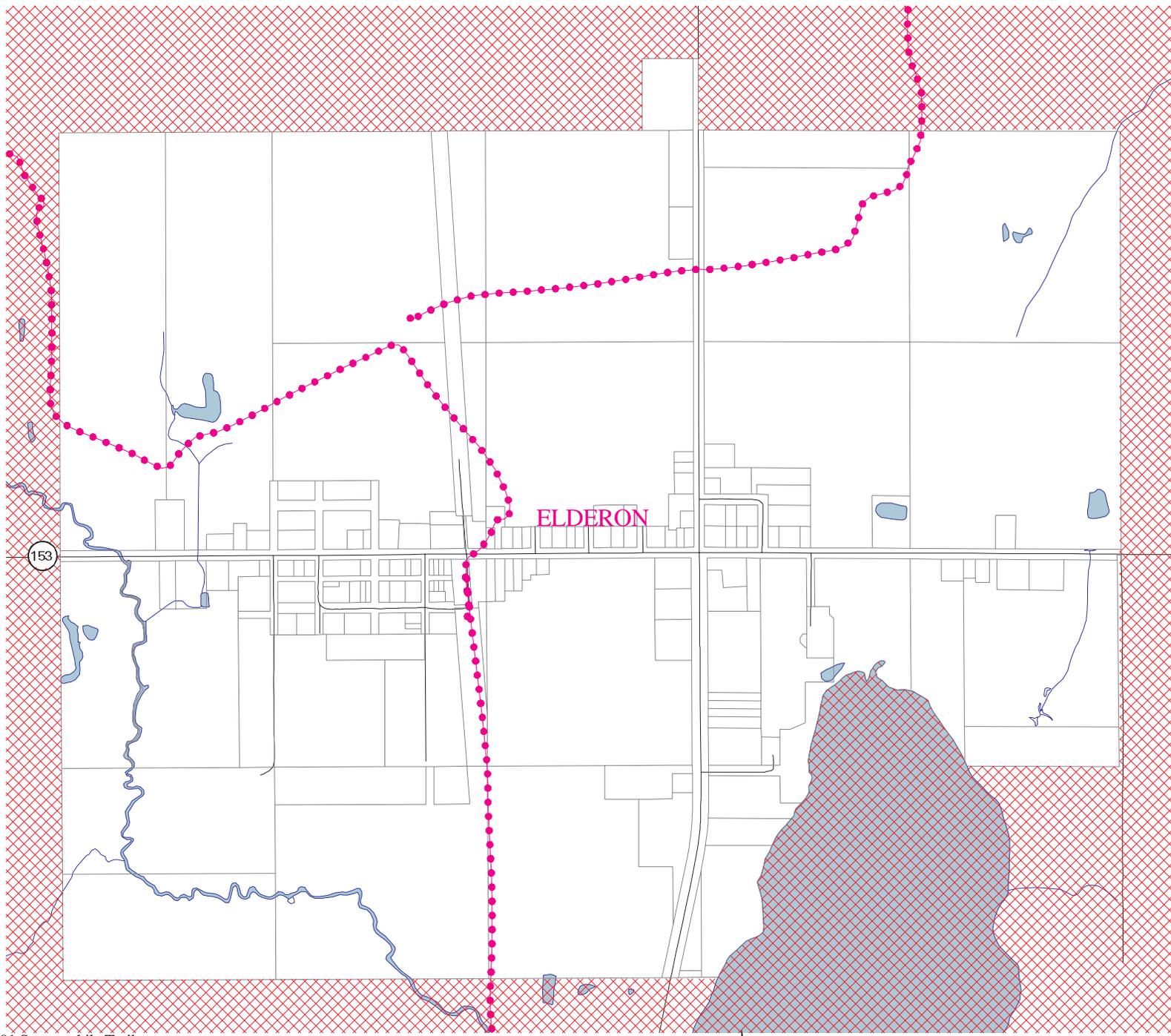
Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 5-2
 Road Surface Rating
 V-ELDERON



- No Data
 - Concrete Pavement
 - <1" Wearing Surface
 - Asphalt Pavement
 - Asphalt Pavement on Concrete
 - Asphalt Pavement with Base >7"
 - Asphalt Pavement With Base <7"
 - Unimproved Road
 - Brick or Block Pavement
 - Indicates other Municipality
- Map Developed by Marathon County CPZ & GIS 2005

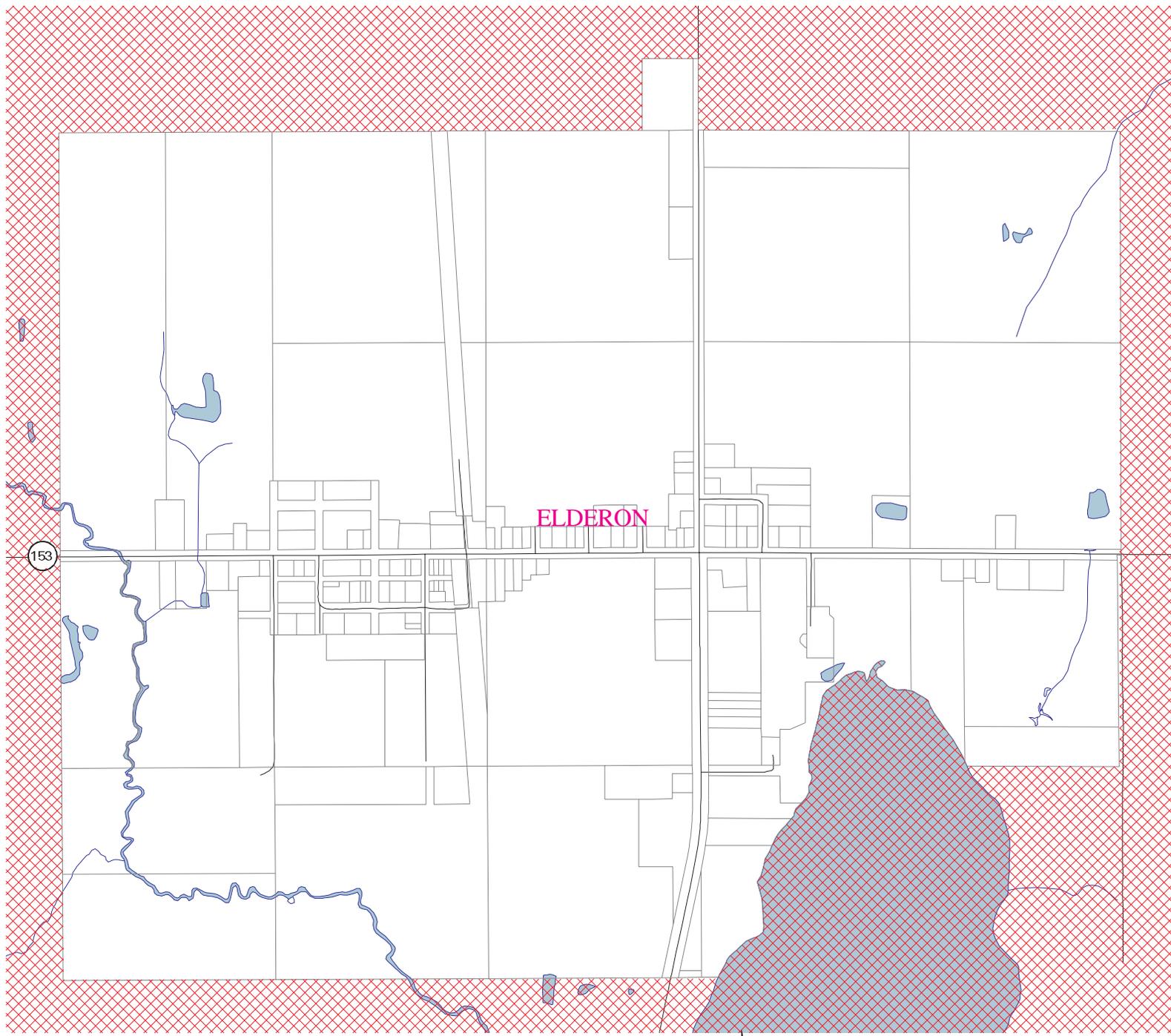
Figure 5-3
Road Surface Types
V-ELDERON



- 2001 Snowmobile Trails
- Mountain Bay Trail
- Ice Age Trail
- Suggested Bike Routes

 Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 5-4
Trails
V-ELDERON

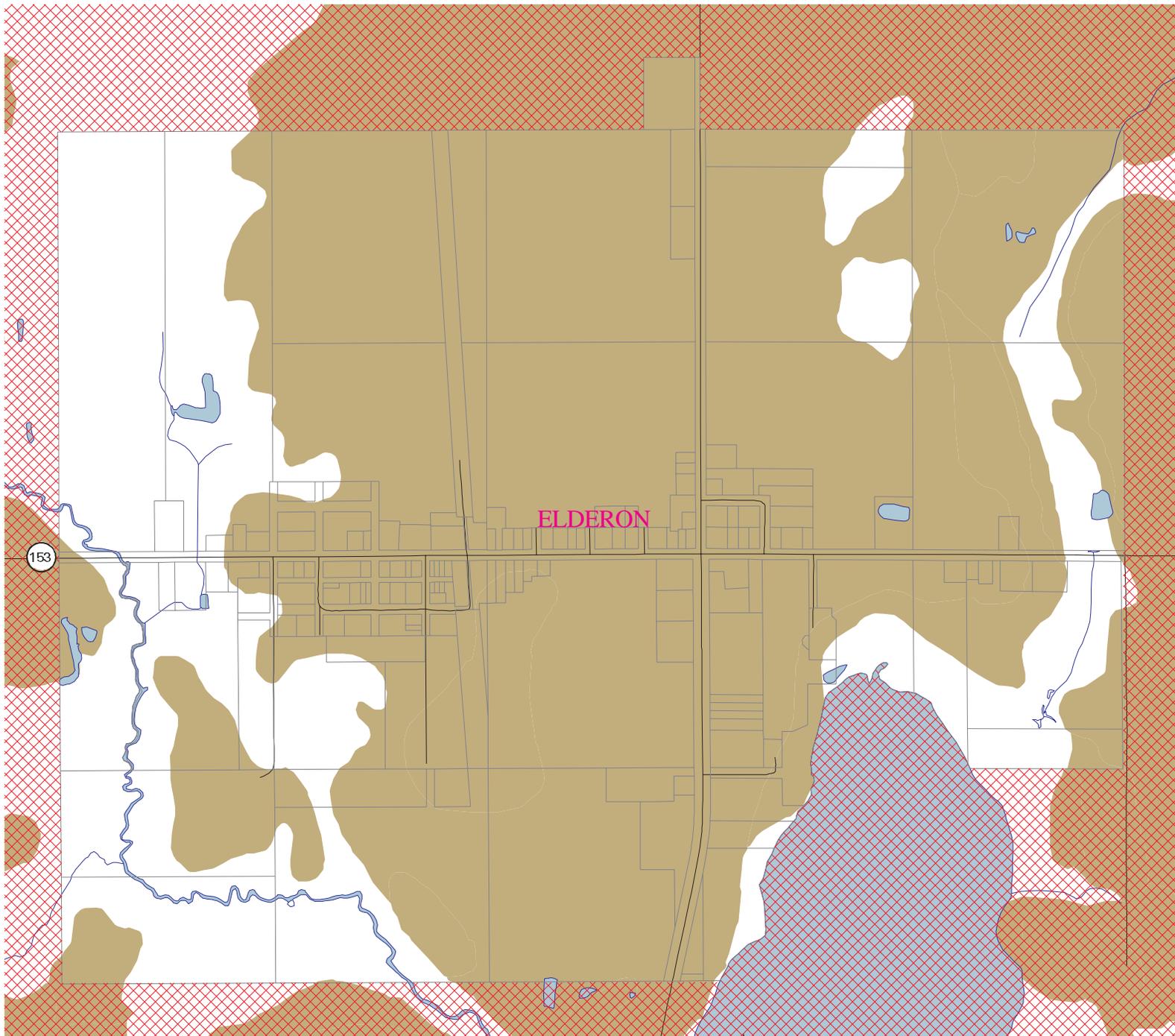


- 0 - 20" (Quarries)
- 20 - 40 "
- 40-60"
- >60"

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005



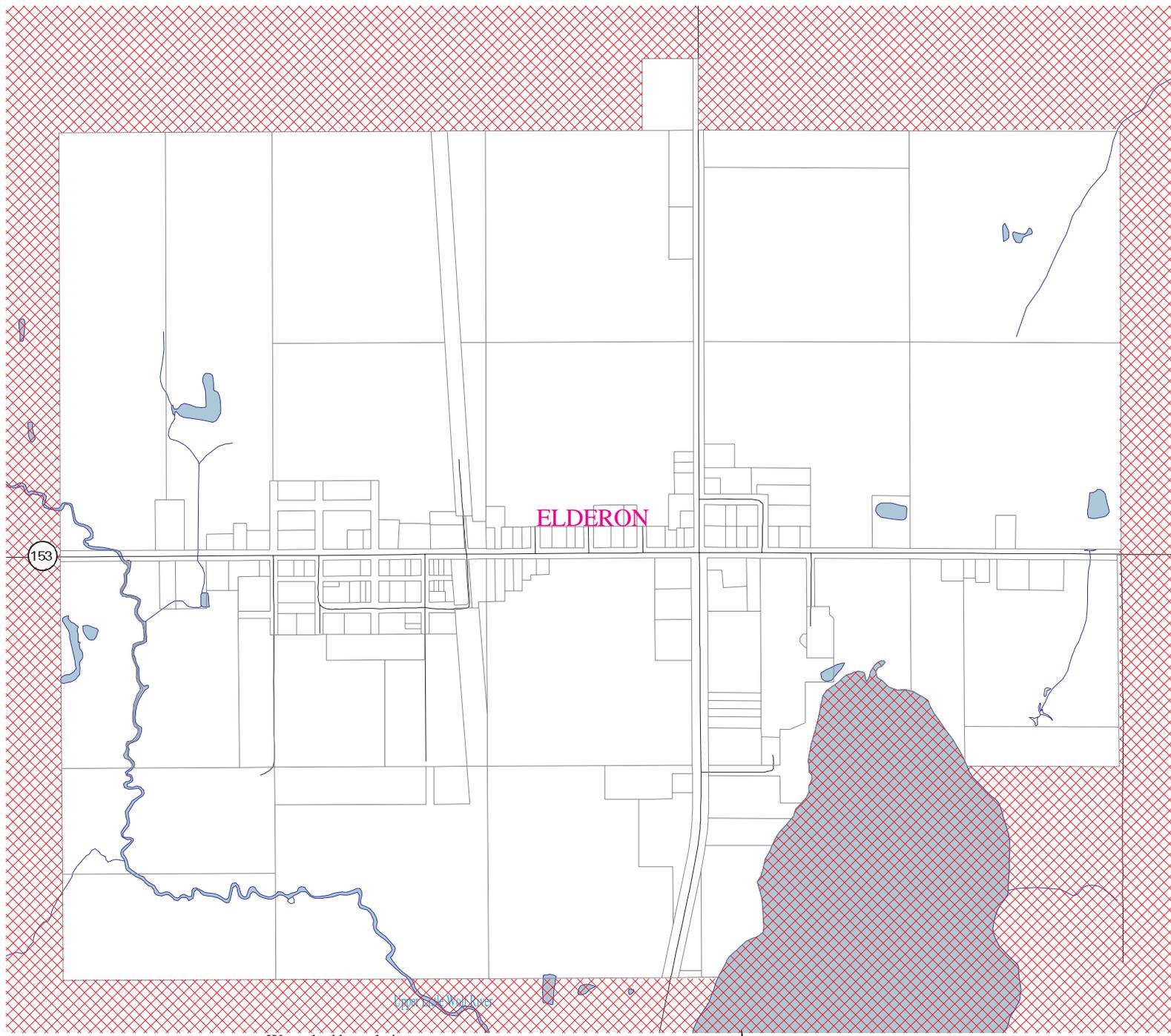
Figure 6-1
Depth To Bedrock
V-ELDERON



Soils suitable for septic systems w/soil absorption component

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 6-2
 Suitable Soils-Septic Tank Absorption
 V-ELDERON



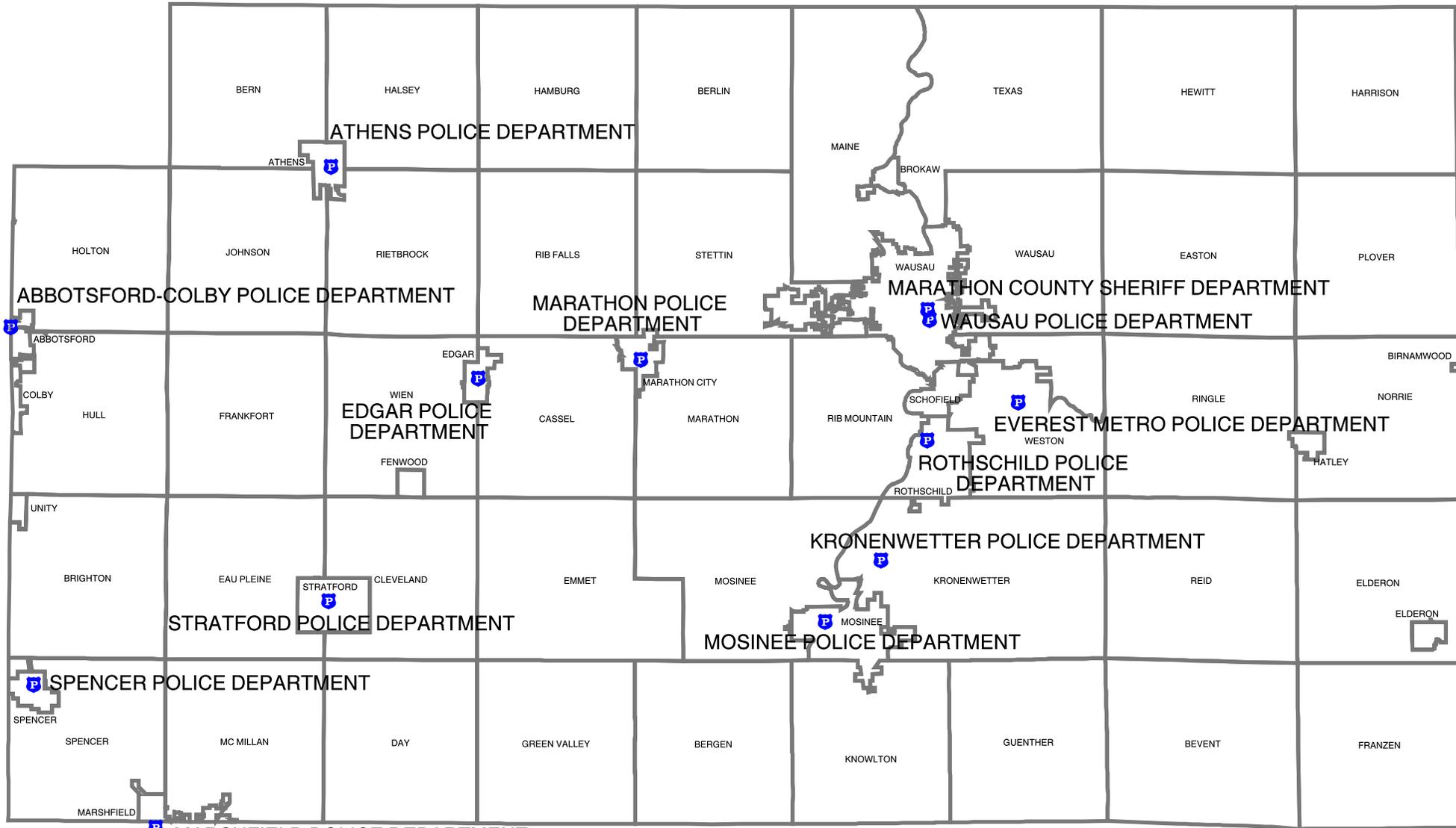
Priority Watersheds
 as identified in the Marathon County
 Land & Water Resource Management Plan

Watershed boundaries

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

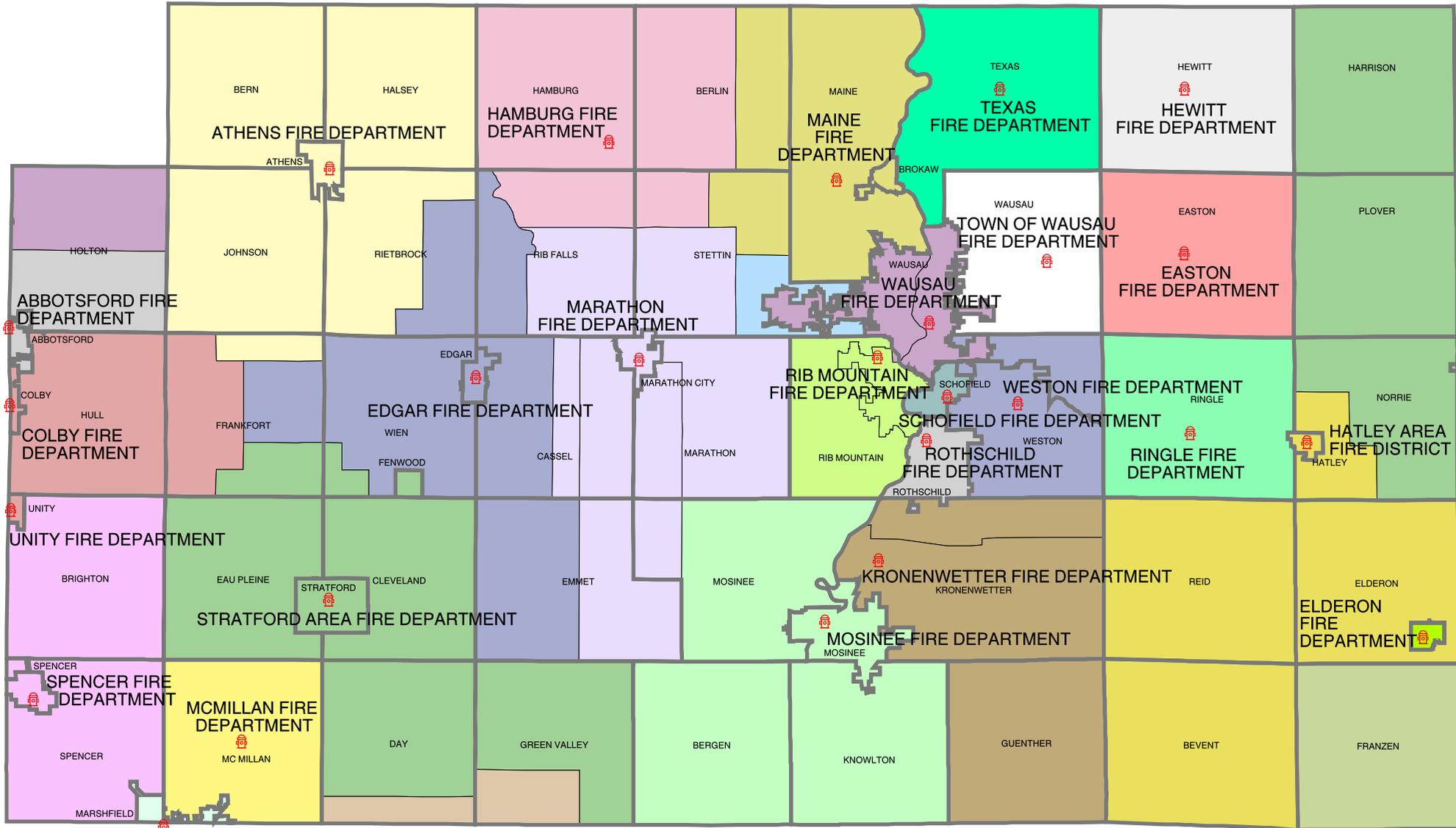
Figure 6-3
Major Watersheds
V-ELDERON

MARATHON COUNTY LAW ENFORCEMENT



 Police Department
 Municipal Boundary

FIRE DEPARTMENTS & SERVICE AREAS



 Fire Department
 Municipal Boundary

Fire Service Districts

	ABBOTSFORD		MARATHON
	ATHENS		MARSHFIELD
	AUBURNDALE		MOSINEE
	BIRNAMWOOD		MOSINEE (town)
	COLBY		RIB MOUNTAIN
	DORCHESTER		RINGLE
	EASTON		ROTHSCHILD
	ELDERON		SCHOFIELD
	FAMILY		SPENCER
	HAMBURG		STRATFORD
	HEWITT		WASAU
	KRONENWETTER		WESTON
	MAIN		WITTENBERG
	MAIN/RIB MTN		

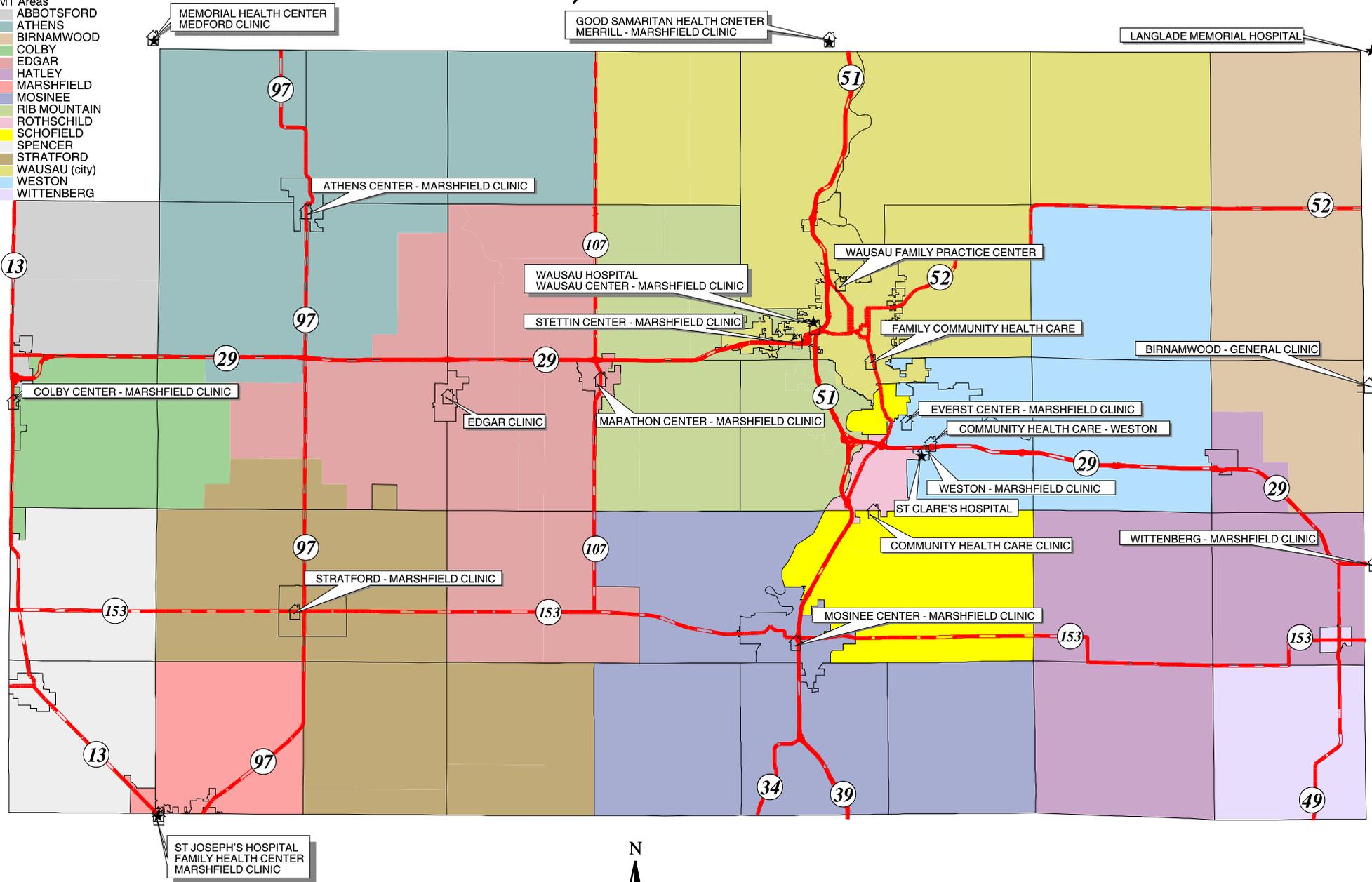


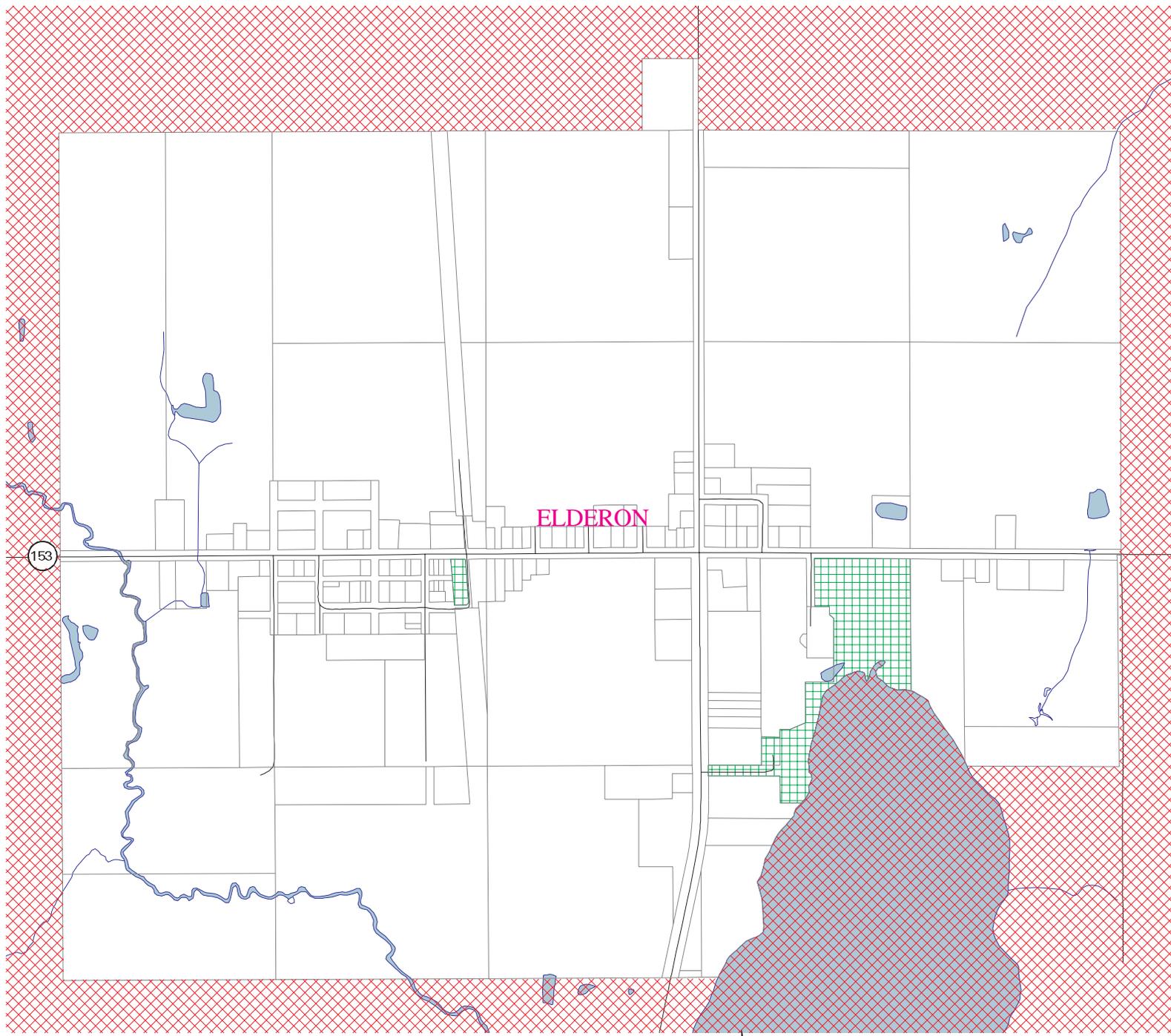
Map Developed by Marathon County CPZ & GIS 2005

Figure 9-3

MARATHON COUNTY AREA HOSPITALS, CLINICS & EMS ZONES

- Healthcare Facilities
- CLINIC
 - HOSPITAL
 - State & US Highways
 - Municipal Boundary
- EMT Areas
- ABBOTSFORD
 - ATHENS
 - BIRNAMWOOD
 - COLBY
 - EDGAR
 - HATLEY
 - MARSHFIELD
 - MOSINEE
 - RIB MOUNTAIN
 - ROTHSCHILD
 - SCHOFIELD
 - SPENCER
 - STRATFORD
 - WAUSAU (city)
 - WESTON
 - WITTENBERG





- Municipal Parks
- County Forest Units
- County Parks
- State Parks

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 10-1
Recreation Facilities
V-ELDERON

Village of Elderon

Comprehensive Plan

Goals, Objectives, Policies & Implementation

August 2005

Table of Contents

1. Introduction.....	1
2. Natural Resources Element	4
3. Land Use Element	6
4. Transportation Element	10
5. Utilities Element	13
6. Housing Element	15
7. Cultural Resources Element.....	16
8. Community Facilities Element	17
9. Parks Element.....	19
10. Economic Development Element.....	20
11. Intergovernmental Cooperation Element	21
12. Implementation Element.....	22

Appendices

- A. State Comprehensive Planning Goals
- B. Marathon County Guiding Principles
- C. Ordinances and Resolutions for Adoption
- D. Public Participation Plan
- E. Bibliography of Related Studies and Plans
- F. Road Paving Criteria

List of Tables

Table 3-1: Future Land Use, 2005.....	8
Table 3-2: Acreage Projections, 2000-2030	9
Table 4-1: Summary of Pavement Conditions.....	11
Table 12-1: Criteria to Consider When Reviewing Plan Changes	25
Table 12-2: Implementation Plan Actions	27

List of Figures

- Figure 3-1: Future Land Use
- Figure 3-2: Development Constraints
- Figure 4-1: Functional Classification
- Figure 4-2: WISLR Ratings
- Figure 4-3: WISLR Road Surface Type

List of Acronyms

303 (d) list—waters designated as “impaired” under section 303 (d) of the U.S. Clean Water Act.

AADT—Annual Average Daily Traffic

AHI—Architecture & History Inventory (a database of the Wisconsin Historical Society).

BMPs—Best Management Practices

CCR&R—Child Care Resource and Referral Network

CDBG—Community Development Block Grant

CES—Cropland Evaluation System (Marathon County)

CIP—Capital Improvement Program

Comm 83—Chapter 83 of the Wisconsin Administrative Code under the Department of Commerce, setting standards for regulation of private sewage systems.

CRP—Conservation Reserve Program

CTH—County Trunk Highway

CWA—Central Wisconsin Airport

DWD—Department of Workforce Development

EMS—Emergency Medical Services

EMT—Emergency Medical Technician

ERW—Exceptional Resource Waters, a designation by the Wisconsin Department of Natural Resources.

FEMA—Federal Emergency Management Agency

FIRM—Flood Insurance Rate Maps

HOME—Home Investment Partnerships Program

HUD—U.S. Department of Housing and Urban Development

LHOG—Local Housing Organization Grant

LRTP—Long Range Transportation Plan (Prepared by the Wausau Metro Planning Organization for the Metro area).

LWRMP—Land and Water Resource Management Plan (Marathon County)

MPO—Wausau Area Metropolitan Planning Organization

NCHC—North Central Health Care

NCWRPC—North Central Wisconsin Regional Planning Commission

NRHP—National Register of Historic Places

NTC—Northcentral Technical College

Village of Elderon

ORW—Outstanding Resource Waters, a designation under the U.S. Clean Water Act.

PASER—Pavement Surface Evaluation Rating

PMP—Pavement Management Plan

SHPO—State Historic Preservation Office

STF Data—Summary Tape File, referring to data files of the 2000 U.S. Census.

STH—State Trunk Highway

TDP—Transit Development Plan (Wausau Area Transit System)

TIP—Transportation Improvement Program (Marathon County)

USDA—United States Department of Agriculture

USH—U.S. Highway

UW-MC—University of Wisconsin—Marathon County

WATS—Wausau Area Transit System

WDA—Wisconsin Department of Agriculture

WDNR—Wisconsin Department of Natural Resources

WDOA—Wisconsin Department of Administration

WDOT—Wisconsin Department of Transportation

WHEDA—Wisconsin Housing and Economic Development Authority

WISLR—Wisconsin Information System for Local Roads

WPD—Wetland Protection District

WPS—Wisconsin Public Service Corporation

1. Introduction

This document represents the core of the Village of Elderon Comprehensive Plan. It outlines the community's goals and objectives to address the issues and opportunities identified in the *Conditions and Issues Report* and guide future growth. Goals and objectives have been developed relative to each of the required plan elements. For each of the goals and objectives, specific policies, strategies and/or actions are recommended to enable the community to achieve them. The Implementation Element at the end of this document compiles and prioritizes all the recommended action steps and identifies who is responsible for implementation.

Coordinating planning efforts with other jurisdictions was integral to the local comprehensive planning process. By working in sub-area groups, participating in county-wide planning workshops, and directly communicating with neighboring communities, all participating local municipalities have taken steps to foster intergovernmental cooperation and land use coordination. To achieve a level of broad consistency, all participating municipalities worked together to identify common likes, dislikes and concerns impacting their respective sub-areas. These were distilled into ten countywide guiding principles that describe a broad, shared vision of the future of Marathon County.

Local plans must also address the State's fourteen planning goals outlined in Wisconsin Statutes 66.1001, to the extent applicable. The sub-area concerns are summarized below and the State planning goals and countywide guiding principles are summarized in Appendix A and B, respectively.

Sub-Area Concerns

Following is a list of concerns shared by the four rural planning sub-areas outside of the Wausau metropolitan area. These were developed through a Strengths, Weaknesses, Opportunities, and Threats (SWOT) exercise to identify aspects of the sub-areas that participants liked, disliked, or had concerns about. Because many of the concerns were shared by all the rural sub-areas, they were consolidated into one list as follows:

General Concerns:

Local Development Control

- Maintain local control of development regulation
- Private property rights

Degree of Regulation

- Prefer minimal development regulation, but open to some regulation to protect prime farmland, rural character, natural resources and water quality
- Managed development preferred

Land Use and Development:

Preserve Rural Character

- Rural settings (small farms dotting landscape)
- Low population density (1, 2 and 5 acre lots)
- Ample open space, woodlands, natural areas, etc.
- Small town living – familiar, friendly, safe
- Concentrate commercial and industrial development in cities or villages

Farm/Non-farm Conflicts

- Increased demand (from new residents) for higher level of service, paved roads, etc.
- Traffic conflicts between passenger vehicles and farm equipment
- Road paving and dust control – Costs? Benefits?
- Road damage from heavy farm equipment
- Increased complaints about farm smells, dust, noise

Urban Fringe Development

- Annexation - lack of control over where, when and what might develop
- Some support for cooperative boundary agreements to manage growth at urban edge
- Planned development preferred - but wary of over regulation

Identity and Appearance

- Lack of design/aesthetics control for commercial and industrial development (buildings, landscaping, signs)
- Cluttered appearance of major road corridors (signs, power lines, no landscaping)
- Improve housing maintenance in some neighborhoods
- Land use conflicts – i.e. old industrial adjacent to residential

Preservation and Protection of Resources:

Preserve/Protect Natural Resources

- Preserve woodlands (highest ratings in survey responses), wetlands, rivers
- Protect/maintain natural character and scenic quality
- Maintain access to natural areas

Fiscal/Economic:

Strong and Diverse Tax Base

- Loss of land, jobs and population due to annexation
- Loss of taxable land due to public purchase (e.g. County Forests)
- Redevelop under-utilized land, particularly along Wisconsin River
- Maintain/foster diverse mix of land uses
- Competition for industrial development – particularly between urban and fringe areas

Farmland Preservation (primarily economic issue)

- Loss of small/family farms to development or larger farms
- Mega farms [also concerns about environmental impacts]
- Decreasing number of active farms
- Conversion of farms to non-farm development
- Land value inflation (high taxes)

Infrastructure:

Traffic and Transportation System

- Too many driveway openings on busy road corridors
- Lack of future street planning
- Limited river crossings
- New interchange locations and loss of highway access
- Highway frontage roads – access limitations

Protect Water Supply

- Depletion or degradation due to high volume users (mega farms, new high school, industry)
- Limited access to water for wells in some areas (bedrock, etc.)

Sewer and Septic System Availability

- Poor soil drainage limits suitability for on-site waste treatment systems in some areas
- “Comm83” opens more areas for on-site treatment systems
- Interest in looking at alternatives to centralized wastewater treatment

Cost Efficient Community Services

- Shared services generally good – fragmentation an issue in some areas
- Maintain and improve services w/o increasing taxes
- How/who will pay for increased services
- Lack of transit access in rural and fringe areas

Goals, Objectives, Policies, Strategies & Actions

This section is intended to address issues and opportunities as identified by the Village of Elderon in its *Conditions and Issues Report*. These issues and opportunities are captured in the policies, strategies and actions set forth with the intent of achieving the goals identified by the community. These goals work in concert with the goals set forth by the State of Wisconsin (Appendix A) and Marathon County (Appendix B).

Definitions:

- **Goal:** A goal is a statement that describes a desired future condition. The statement is broad in scope and describes general concepts or things the community hopes to accomplish.

- **Objective:** An objective is a statement that describes a specific course of action to achieve a goal or address an issue.
- **Policy:** A policy is a general course of action or rule of conduct to be followed to achieve community goals and objectives.
- **Strategies:** As the name implies, strategies are strategic approaches that may involve a series of individual actions to achieve a specific goal or objective.
- **Actions:** An action describes a specific effort that will be undertaken to achieve a specific goal or objective.

2. Natural Resources Element

The Village of Elderon residents support preservation of natural resources within the Village, especially woodlands and water resources. Residents are particularly concerned about fertilizer runoff contaminating groundwater and surface water within the Village. The Village has developed the following goals and actions to demonstrate its support.

Goal 1: Protect wetlands and Lilly Lake from development activity and pollution.

- **Objective: To continue working with the WDNR to ensure appropriate preservation of wetlands and shorelines.**
- **Objective: To continue to decrease the application of chemical pesticides within the Village.**

Policies:

- The Village of Elderon encourages the protection and enhancement of wetlands and Lilly Lake.

Strategies/Actions:

- Coordinate regularly with the DNR.
- Distribute information to residents through billing inserts, newsletters, etc.
- Continue to monitor pesticide use, especially in remaining potato farming.

Goal 2: Work with the Town of Elderon to protect and enhance the Outstanding Resource Waters (ORW) of Comet Creek.

- **Objective: To minimize intensive development in areas that could affect views of, or the water quality and habitat, of Comet Creek.**
- **Objective: To the extent possible, limit uncontrolled runoff, overuse of fertilizers, and other waterway contaminants to surface water.**

Policies:

- The Village of Elderon encourages the protection of Comet Creek.

Strategies/Actions:

- Establish guidelines for development adjacent to Comet Creek.
- Consider and/or inform residents about conservation easements.
- Implement buffers, native vegetation, etc. in cooperation with UW-Ex and the DNR.

Goal 3: Protect and improve the Village's water resources, including potable water.

- **Objective: To work with the WDNR, Marathon County, and Town of Elderon to protect critical groundwater recharge areas.**

Village of Elderon

- **Objective: To continue to work with the Marathon County Health Department to carry out regular, systematic well testing to ensure that Village wells are safe.**
- **Objective: To encourage residents to conduct regular well testing to ensure that water is safe.**

Policies:

- The Village of Elderon encourages the protection of potable water resources.

Strategies/Actions:

- Identify and map critical groundwater recharge areas with help from the DNR.
- Meet with the Town of Elderon to discuss potential water issues.
- Consider a free well testing program, as has been done in the past.

Goal 4: Continue to manage the woodlands in the Village and in the parks.

- **Objective: To ensure proper forest management of woodland resources in the Village.**

Policies:

- The Village of Elderon encourages the protection of woodlands as an aesthetic and natural benefit to the Village.

Strategies/Actions:

- Consider a tree preservation ordinance.
- Work with the DNR and County to review existing development practices.

3. Land Use Element

The Village of Elderon is located on the eastern edge of the Town of Elderon near the Shawano County line. It is located at the intersection of STH 49 and STH 153, and is considered a rural service center in the County. The land use occupying most of the land in the Village is cropland at 48.68 percent. Elderon’s goals and actions illustrate its desire to balance a rural lifestyle while still planning for growth.

Goal 1: Maintain and expand community retail services.

- **Objective: To support existing businesses through public improvements or other means that can help ensure their continuation.**
- **Objective: To enhance the streetscape of the Village to enable safe pedestrian travel to businesses.**
- **Objective: To work with any interested parties for new businesses and services.**

Policies:

- The Village of Elderon encourages the growth of retail services in the Village.

Strategies/Actions:

- Utilize the Planning Commission as a business development committee

- Investigate and plan for wider sidewalks, utility access, and roadway improvements that may attract businesses.
- Survey local residents about the type of business that is desired.
- Consider donated trees, benches, etc. as part of a streetscaping program.
- Work with potential new business owners on a case-by-case basis.

Goal 2: Study opportunities to attract industrial development to the Village.

- **Objective: To identify the types of industry that might be appropriate in the Village.**
- **Objective: To identify locations for industrial development.**
- **Objective: To investigate the need for sewer and water service to attract industry.**

Policies:

- The Village of Elderon supports the investigation of bringing new types of industry to the Village.

Strategies/Actions:

- Survey residents about the type of industry that is desired (small manufacturing, lumberyard mentioned in the past).
- Let potential developers, business owners know what type of industry is desired by the community.
- Identify preferred industrial areas on the future land use map.

Village of Elderon

- Consider regulations stating that utilities must be put in or funded by developers.
- Develop a strategy for evaluating small holding systems or small private systems to serve specific buildings on a case-by-case basis.

Goal 3: Consider whether any regulatory tools are needed for land use planning.

- **Objective: To review existing ordinances (mobile home, building code) on a regular basis to determine if updates are needed.**
- **Objective: To determine whether a zoning code may be needed for future planning.**

Policies:

- The Village of Elderon encourages the continual review of existing regulatory tools.

Strategies/Actions:

- Set up an annual review of ordinances.
- Continue to evaluate the value of a full zoning code.

Goal 4: Maintain local control over building development.

- **Objective: To continue the current Planning Commission procedure for local review of all building permit applications.**

- **Objective: To continue to employ a building inspector to ensure safe, quality construction in the Village.**

Policies:

- The Village of Elderon wishes to maintain local control over building development.

Strategies/Actions:

- Continue to use the on-call building inspector.
- Evaluate need for a permanent building inspector position as development and population grows.
- Continually review the current Planning Commission procedure for local reviews, and changes as becomes necessary.

Accommodating Future Growth

The population of Hatley has grown by 51 percent between 1970 and 2000. This doubled the growth experienced by Marathon County and the State of Wisconsin during the same time period. Hatley is projected to increase another 53 percent by the year 2030 (WDOA). Improvements to the STH 29 corridor and the recent construction of a new hospital in Weston are anticipated to fuel this growth.

Future Land Use – The Village of Elderon Future Land Use map, shown in Figure 3-1 illustrates the anticipated future pattern of land uses. The map includes fourteen land use categories to guide where new residential and non-residential development should be encouraged to locate or where

Village of Elderon

development should be discouraged. Descriptions of each land use category and the number of acres within each category are provided in Table 3-1. Figure 3-2 shows areas with development constraints due to environmental conditions such as wetlands and floodplains, or policy constraints such as restrictive zoning or other programs (i.e., Exclusive Agriculture, Forest Crop Law). Areas where existing development precludes additional development are also shown.

Table 3-1: Future Land Use, 2005

Land Cover Category	Description	Acres	% of Total Land Area
Single Family Residential	One family structures, farm residences, mobile homes	49	7%
Multi-Family Residential	Multiple family structures with three or more households, condos, duplexes, apartments	2	>1%
Commercial Services	Retail stores, taverns, restaurants, truck stops, gas stations, farm coops, farm implement dealerships, automobile dealerships, business offices, motels/hotels, offices, telephone/gas company	10	1%
Industrial	Saw/paper/lumber mills, dairies, industrial parks, trucking operations, distribution centers	12	2%
Quarries/Gravel Pits	Mining operations	0	0
Cropland	Tilled agriculture, prime farmland	367	50%
Other Agriculture	Fallow, pasture and undetermined agriculture, power lines and towers, water towers, municipal wells	44	6%
Public/Quasi-Public	Schools, churches, cemeteries, libraries, government buildings, National Guard, utility facilities.	6	>1%
Park and Recreation	Public and private parks, trails, ball fields, golf courses, playgrounds, camp grounds, shooting ranges, etc.	14	2%
Woodlands	Privately-owned forested land, including nurseries, paper mill forests, etc.	184	25%

Land Cover Category	Description	Acres	% of Total Land Area
Water and Wetlands	Open waters, such as lakes, ponds, streams, rivers, creeks, reservoirs, etc.	4	>1%
Transportation	Airports, highways, road right-of-ways, railroads, logging roads	27	4%
Barren Land	Unused open land in wooded areas, along streams, along roadsides	6	>1%
Total Land Area		725	100%

Source: Future Land Use map (May 2005)

A majority of the future land use in the Village of Elderon remains primarily in cropland and woodland, which is not a dramatic departure from existing land cover. Residential use occupies 6.49 percent of the Village, and is concentrated along major roadways. Commercial and industrial uses will be concentrated at the intersection of the state highways, with some also located west along STH 153.

Land Needs – Projections of future population and employment growth in the Village of Elderon are provided in the *Issues and Conditions* report. These were used to estimate the amount of land needed to accommodate future residential and non-residential development over the next 20 years. Acreage projections were based on assumptions about density of houses per acre and employees per acre.

It is estimated over the next 20 years, 4 acres will be needed to accommodate future residential development and 3 acres are needed for future non-residential development. Sufficient acreage to meet estimated demand for new development has been provided in the appropriate land use categories on the future land use map. Land developed for new residential and commercial use will most likely be converted from agricultural use and limited woodland use, instead of subdividing existing residential lots. This trend is illustrated in Table 3-2.

Table 3-2: Acreage Projections, 2000-2030

	Estimated Acreage Needed by Year						
	2000	2005	2010	2015	2020	2025	2030
Agricultural	457	458.17	458.34	459.51	460.68	461.85	463.02
Residential	64	64.67	65.64	66.3.1	66.98	67.65	68.32
Industrial	3.8	4.1	4.4	4.6	4.9	5.1	5.5
Commercial	3.2	3.4	3.6	3.9	4.1	4.3	4.5

Source: Marathon County 2030 Population and Employment Projections Methodology Report. Commercial and industrial land uses are based upon year 2000 (ratio of commercial to industrial land uses was assumed to be constant and applied to the “non-residential” acreages).

The agricultural category includes cropland, other agriculture, woodlands and barren land use categories. The residential category includes single-family and multi-family uses. The non-residential category includes commercial, industrial and quarry uses. This table does not include land use categories that are generally not developable, such as public/quasi-public, recreation, water/wetlands, and transportation.

Consistency between Land Use and Zoning – Land use and zoning designations are related, but not necessarily identical. Land use categories tend to be fairly general whereas zoning districts regulate specific land uses and development requirements. Because the land use categories are general it is common for more than one zoning district to correspond to each land use category. It is also possible that some zoning districts might be consistent with more than one land use designation.

Achieving consistency between land use and zoning is required by State Statutes. This generally occurs when a community is considering a proposed zoning change. The decision to approve a zoning change must be based on the adopted comprehensive plan, and specifically, the future land use map. Generally, if the requested zoning is consistent with the land

use designation on the property it should be approved, unless unique circumstances indicated the rezoning would negatively impact surrounding properties or the community. If a rezoning request is not consistent with the land use designation, the community should consider denying the rezoning request.

In situations where a rezoning request is not consistent with the land use designation - but the community believes the requested zoning is appropriate in the specific location and would benefit the community - the zoning change can be approved, however, the land use map should be amended accordingly to establish land use and zoning consistency. The process for amending the land use map is discussed in greater detail in the Implementation Element.

4. Transportation Element

Village of Elderon residents have identified transportation-related concerns as sidewalks, safety at the intersection of STH 49 and STH 153 and speed limit enforcement. The existing transportation network is shown in Figure 4-1. The following goals, objectives and actions reflect Elderon's desire to be proactive in planning for future transportation needs.

Goal 1: Improve traffic safety within the Village.

- **Objective: To continue to work with WDOT to monitor the progress of the intersection of STH 49 and STH 153.**
- **Objective: To work with WDOT to establish a no passing zone on STH 49 within the Village.**
- **Objective: To secure funding to add and maintain sidewalks in the Village.**
- **Objective: To secure additional land for safer parking for North Park in order to prevent vehicles parking along STH 153 during recreational activities.**

Policies:

- The Village of Elderon promotes measures to improve traffic safety within the Village.

Strategies/Actions:

- Maintain contact with WDOT on issues in the Village.

- Continue to research and allocate funding to direct to transportation safety projects.
- Identify areas needing sidewalks, and prioritize implementation based on funding availability.
- Continue to actively pursue and monitor the availability of land for parking in North Park.

Goal 2: Maintain and improve Village roads.

- **Objective: To continue the annual road budgeting process so that maintenance and improvements can be programmed.**
- **Objective: To secure adequate sources of revenue to fund needed maintenance and improvements.**

Policies:

- The Village of Elderon considers road maintenance and important issue for the Village.

Strategies/Actions:

- Continue to meet annually to prioritize and program road improvements.
- Biannually review state grant opportunities for transportation projects.

Goal 3: Continue to provide the most cost-efficient, effective services to residents in areas such as road maintenance, snowplowing, or other services.

Village of Elderon

- **Objective: To continue to monitor the current set-up with adjacent communities.**

Policies:

- The Village of Elderon wishes to provide and solicit cost-effective services.

Strategies/Actions:

- Continue monitoring of current agreements by the Village Board.
- Solicit bids or other agreements if current agreements become less cost-effective.

Road Improvements

The Wisconsin Department of Transportation requires all incorporated communities to prepare a Pavement Management Plan using a pavement rating system for their local roads. These plans were to be submitted for review by December 2001. The data from these plans is intended to provide the foundation for the Wisconsin Information System for Local Roads (WISLR), which is a computer resource that will enable communities and the State to begin to assess Wisconsin’s local roadway system.

The PASER system, which was designed by the Transportation Information Center of the University of Wisconsin-Madison, is the rating system used most by Wisconsin communities. PASER rates road surfaces on a scale of 1 to 10.

This scale is broken down as follows:

- “1” and “2” = very poor condition
- “3” = poor condition
- “4” and “5” = fair condition
- “6” and “7” = good condition
- “8” = very good condition
- “9” and “10” = excellent condition

In addition to its use in the new WISLR, the rating system gives communities a detailed assessment of the appropriate maintenance method for each road segment under their jurisdiction. This assessment is then incorporated into the community’s Pavement Management Plan. WISLR ratings and surface types in the Village of Elderon are shown on Figures 4-2 and 4-3, and summarized in Table 4-1.

Table 4-1: Summary of Pavement Conditions

Surface Type Code (miles)						
Unimproved Road	Graded Earth Road	Gravel Road	Wearing Surface	Cold Mix Asphalt on Concrete	Cold Mix Resurfacing with < 7" Base	Cold Mix Resurfacing with > 7" Base
		0.43				
Cold Mix Asphalt Base < 7"	Cold Mix Asphalt Base > 7"	Hot Mix Asphalt on Concrete	Hot Mix Resurfacing	Hot Mix Asphalt Pavement	Concrete Pavement	Brick or Block Pavement
0.12	0.05			0.74		
Surface Condition Rating - WISLR Data						
No Data	Failed	Poor	Fair	Good	Very Good	Excellent
			0.54	0.06		0.74

Source: WDOT (WISLR), 8/10/04

The roads that display a surface rating of “Good” or better will only require minimal preventative maintenance to promote safe travel conditions. Further information is necessary for those

Village of Elderon

roads that display no surface rating data. This data collection effort will help ensure safe travel conditions along those routes.

Paving Gravel Roads – There is 0.43 mile of roadway within the Village that remains unpaved. When paving gravel roads, there are many factors that should be taken into consideration. Appendix F outlines some general guidelines to help the Town decide if or when to pave gravel roads.

5. Utilities Element

The Village of Elderon does not have municipal sewer or water, which has somewhat limited new development. Due to the number of residents on fixed incomes, the Village has been reluctant to raise taxes to fund sewer or water systems. Other areas of concern include potentially high nitrate levels in local well, and the impact on residents.

Goal 1: Explore opportunities to create a municipal sewer and water system.

- **Objective: To identify potential funding sources that could help the Village construct a sewer and water system.**
- **Objective: To work to attract new development that could help the Village pay for a sewer and water system.**

Policies:

- The Village of Elderon encourages the implementation of a new sewer and water system.

Strategies/Actions:

- Identify preferred industrial/commercial areas on the future land use map.
- Consider regulations stating that utilities must be put in or funded by developers.

- Develop a strategy for evaluating small holding systems or small private systems to serve specific buildings on a case-by-case basis.
- Continue to investigate funding sources, including grants.

Goal 2: Ensure a safe supply of potable water.

- **Objective: To work with the WDNR, Marathon County, and the Town of Elderon to protect critical groundwater recharge areas.**
- **Objective: To continue to work with the Marathon County Health Department to carry out regular, systematic testing of Village wells to ensure that water is safe.**
- **Objective: To encourage residents to conduct regular well testing to ensure that water is safe.**

Policies:

- The Village of Elderon encourages the protection of potable water resources.

Strategies/Actions:

- Identify and map critical groundwater recharge areas with help from the DNR.
- Meet with the Town of Elderon to discuss potential water issues.
- Consider a free well testing program, as has been done in the past.

Goal 3: Plan for efficient on-site sanitary waste disposal.

- **Objective: To ensure that lot sizes are adequate for private waste disposal systems.**
- **Objective: To ensure that on-site waste disposal systems will not have negative effects on wetlands, rivers, or streams, in accordance with existing DNR and County standards.**

Policies:

- The Village of Elderon encourages the protection of potable water resources.

Strategies/Actions:

- Identify and map critical groundwater recharge areas with help from the DNR.
- Meet with the Town of Elderon to discuss potential water issues.
- Consider a free well testing program, as has been done in the past.

6. Housing Element

Housing in the Village of Elderon is predominantly single family, with a good mix of duplexes, apartment complexes and mobile home parks. Only five percent of the housing stock has been built since 1990, with almost 60 percent being built prior to 1939. Elderon's biggest housing concern is maintaining local control over development.

Goal 1: Continue to maintain existing ordinances governing residential development.

- **Objective: To review the building code and mobile home ordinance on a regular basis and determine whether updates are needed.**
- **Objective: To determine if there is a need to provide senior housing in the Village, while recognizing that Village sewer and water services would likely be required in order to secure funding.**

Policies:

- The Village of Elderon encourages the regular review of existing development ordinances.

Strategies/Actions:

- Review the building code and mobile home ordinance as questions and changes in community conditions arise.
- Review demographic trends in the Village to determine the potential need for senior housing.

Goal 2: Ensure that residents have access to a variety of housing options.

- **Objective: To work with Marathon County to identify area housing agencies that serve housing needs and provide information to residents.**
- **Objective: To address the needs of a variety of groups that reside within the Village.**

Policies:

- The Village of Elderon encourages a variety of housing options within the Village.

Strategies/Actions:

- Work with Marathon County and housing agencies to disseminate information about available housing.
- Review demographic trends in the Village and keep/plan housing types according to results.
- Decide what types of residents the Village would like to attract (i.e. young families, etc.) and plan housing types accordingly.
- Consider the housing needs of migrant workers that work on area potato and dairy farms.

7. Cultural Resources Element

There are no properties in Elderon listed on the National Register of Historic Places. Archaeological sites are identified only at the Town level, and the County-wide survey has not been updated since 1977. The Village wishes to cooperate with any future studies done by Marathon County.

Goal 1: Preserve historically significant buildings and sites.

- **Objective: To work with the County Historical Society to identify historic resources so they may be considered in future planning. Sites in the Village include:**
 - **Wolff's Den (Almar)**
 - **Our Savior's Lutheran Church**
 - **North Park Clubhouse**

Policies:

- The Village of Elderon encourages the identification and consideration of historic resources.

Strategies/Actions:

- Consider local recognition of historic resources.
- Consider protection or restrictions on altering Village-owned historic structures.

8. Community Facilities Element

The Village of Elderon is part of the Wittenberg-Birnamwood School District, and has an elementary school in the Village. The Village also operates its own fire department. It receives law enforcement services through the County. Birnamwood's goals reflect the desire to support existing facilities and services, and to look for ways to ensure that the most cost-effective service is being provided.

Goal 1: Support and maintain existing community facilities.

- **Objective: To maintain the Village Hall as a seat of local government and community meeting hall.**
- **Objective: To consider a building addition to the Village Hall.**

Policies:

- The Village of Elderon encourages the improvement and maintenance of the Village Hall.

Strategies/Actions:

- Regularly review and identify needed repairs, and plan to allocate funding accordingly.
- Investigate the cost of building an addition to the Village Hall on adjacent available land.

Goal 2: Ensure sufficient fire service protection.

- **Objective: To continue to support the volunteer fire department and maintain and improve fire equipment.**
- **Objective: To maintain an adequate number of trained volunteer fire department staff.**

Policies:

- The Village of Elderon supports the Village Volunteer Fire Department.

Strategies/Actions:

- Develop a list of needed improvements/equipment and prioritize for use in funding allocation.
- Continue to fundraise annually for the fire department.
- Continue to meet once per month to review response times and service calls.

Goal 3: Ensure adequate emergency response.

- **Objective: To maintain current contracts for ambulance service and review if community needs or response times change.**

Policies:

- The Village of Elderon supports current emergency response practices.

Strategies/Actions:

- Review contracts annually.
- Create an Advisory Board to meet quarterly or as needed to review response times and service calls.

Goal 4: Provide library services to residents of the Village.

- **Objective: To continue discussion with Marathon County and the Library Board about partial funding to open a library in the former bank building.**
- **Objective: To look for additional funding to support a library in the Village.**

Policies:

- The Village of Elderon wishes to establish local library services in the Village.

Strategies/Actions:

- Research possible grants and other funding sources.
- Initiate meetings with the County Library system.
- Approach the Town of Elderon about possible cost-sharing for a library that serves both the Town and Village.

9. Parks Element

The Village of Elderon has excellent park facilities that have been well maintained and improved. This includes South Park, North Park and McNulty Park. North Park has a popular ball diamond and two shelters. This park is heavily used, and draws people from a 30-mile radius. There are no Marathon County parks located within the Village. Sidewalks and parking are two issues the Village is trying to address within its park system.

Goal 1: Continue to maintain the high quality and improve the three public parks in the Village.

- **Objective: To ensure that any maintenance and upkeep costs of the existing parks and equipment are included in annual budgeting.**
- **Objective: To explore any opportunities to expand the North and South Park walking trails.**
 - Action: Causeway Project**
 - Action: Dredging of spring feeder ponds near lake**

Policies:

- The Village of Elderon encourages the maintenance and quality of the existing Village parks.

Strategies/Actions:

- Review and re-allocate maintenance costs annually.
- Continue to investigate and solicit bids for the Causeway Project.

- Continue to investigate dredging of spring feeder ponds near the lake.

Goal 2: Improve safety of park users.

- **Objective: To secure additional land for safer parking at North Park in order to prevent vehicles parking along STH 153 during recreational activities.**
- **Objective: To secure funding for construction of sidewalks along STH 153 to provide better pedestrian access to the park.**
- **Objective: To provide a new well for water and restroom facilities at North Park.**
- **Objective: To provide electricity at South Park.**

Policies:

- The Village of Elderon supports safety measures at local parks.

Strategies/Actions:

- Review and allocate funds for needed safety improvements projects annually.
- Investigate funding sources and place sidewalks along STH 153 as a high priority.
- Continue to pursue bids and funding for well installation to provide water to the drinking fountains and restrooms.
- Continue to monitor use of and the need for electricity South Park.

10. Economic Development Element

Most Village of Elderon residents work outside the community, however projections indicate that employment will increase slightly by the year 2030. Residents hope to expand service businesses and industrial uses within the Village to bring additional jobs to the community.

Goal 1: Expand community retail services.

- **Objective: To develop a strategy to attract new businesses and services into the Village.**

Policies:

- The Village of Elderon encourages the growth of retail services in the Village.

Strategies/Actions:

- Utilize the Planning Commission as a business development committee
- Investigate and plan for wider sidewalks, utility access, and roadway improvements that may attract businesses.
- Survey local residents about the type of business that is desired.
- Consider donated trees, benches, etc. as part of a streetscaping program.
- Work with potential new business owners on a case-by-case basis.

Goal 2: Study opportunities to attract industrial development to the Village.

- **Objective: To identify the types of industry that might be appropriate in the Village.**
- **Objective: To identify locations for industrial development.**
- **Objective: To investigate the need for sewer and water service to attract industry.**

Policies:

- The Village of Elderon supports the investigation of bringing new types of industry to the Village.

Strategies/Actions:

- Survey residents about the type of industry that is desired (small manufacturing, lumberyard mentioned in the past).
- Let potential developers, business owners know what type of industry is desired by the community.
- Identify preferred industrial areas on the future land use map.
- Consider regulations stating that utilities must be put in or funded by developers.
- Develop a strategy for evaluating small holding systems or small private systems to serve specific buildings on a case-by-case basis.

11. Intergovernmental Cooperation Element

The Village of Elderon recognizes the importance of good communication with surrounding communities, especially when services are shared. Elderon's goals and actions indicate its desire to work effectively with other communities.

Goal 1: Provide the most cost-efficient, effective services to residents in areas such as road maintenance, snowplowing, or other services.

- **Objective: To maintain the current set-up with adjacent communities.**

Policies:

- The Village of Elderon wishes to provide and solicit cost-effective services.

Strategies/Actions:

- Continue monitoring of current agreements by the Village Board.
- Solicit bids or other agreements if current agreements become less cost-effective.

Goal 2: Encourage participation by Village officials in all levels of government.

- **Objective: To encourage local officials to participate in county and state government activities and organizations.**

- **Objective: To encourage regular participation and feedback from residents through surveys, informational public meetings, newsletters or other activities.**

Policies:

- The Village of Elderon encourages local officials and residents to participate in local planning activities and organizations.

Strategies/Actions:

- Invite representatives from county and state activities and organizations to speak at Town meetings.
- Attend meetings held by other government entities (agencies, communities, etc.).
- Develop a survey which can be mailed out to residents, asking for suggestions or feedback on proposed or recently constructed projects (roads, residential developments, etc.)
- Designate a main contact person who will be responsible for organizing and/or distributing public information materials.
- Continue to distribute public information materials through tax bills, postings, etc.

12. Implementation Element

The primary reason a community prepares a comprehensive plan is to establish a framework to influence decisions regarding management of growth and regulation of development to maintain the desired community character, and to set priorities for public expenditures. To be effective, this plan should be actively used as a tool to guide decisions concerning:

- The implementation and enforcement of regulatory ordinances based on the goals and objectives identified in this plan.
- The development of programs and support systems that further the goals and objectives set forth in this plan.
- The implementation of specific community improvements as identified in the comprehensive plan.
- The establishment and support of a continued planning process providing for periodic review and updates to this plan and other land use control measures.

Implementation Tools

Having the appropriate tools to implement the recommendations in this comprehensive plan is critical. The most common implementation tools are Village official controls or regulatory codes. In particular, the zoning ordinance and subdivision (or land division) regulations comprise the principal regulatory devices used to protect existing development and guide future growth and development as identified in this comprehensive plan. There are also non-regulatory approaches to implementing the comprehensive plan; these generally involve decisions about

how the community will spend its limited funding resources on capital improvements and staffing.

The State planning law requires that by January 1, 2010 certain programs and/or actions that affect land use must be consistent with the locally adopted comprehensive plan. To meet this deadline, the Village of Elderon should update related ordinances on or before the year 2010. The Village Board officially adopts these regulatory and land use control measures as ordinances (or as revisions to the existing ordinances).

- **Zoning Ordinance and Map:** Zoning is used to manage and control how land is used and developed. Zoning ordinances typically establish detailed regulations concerning how land may be developed, including setbacks, the density or intensity of development, and the height and bulk of building and other structures. The general purpose of zoning is to minimize undesirable side effects resulting from development by segregating and/or buffering incompatible uses and by maintaining standards that ensure development will not negatively impact the community's character or environment.

The establishment of zoning districts and the zoning map indicates where specific types of development can and should be located. Zoning districts shown on the zoning map should be coordinated with the land use plan and map. While the zoning map and land use map do not need to directly match at the time the land use map is adopted, the intent is that the land use map will serve as a guide indicating how the property should eventually be zoned. Therefore, indiscriminate zoning changes may result in weakening of the comprehensive plan. In fact, changes to

zoning district boundaries should only be made if they are consistent with the adopted land use map. The Village of Elderon does not have a zoning code, though it does have a building code with setback regulations and requires building permits. The Village has recognized this opportunity to revisit and update regulatory tools in its goals and actions, and is considering the creation of a zoning ordinance.

However, there may be situations where changing the zoning district boundary makes sense and is in the best interest of the community. If changing the zoning would result in a conflict with the future land use map, the land use map should also be changed. However, the future land use map should only be changed if it does not accurately reflect the community's desired land use pattern. Achieving consistency between zoning and land use designation is also discussed in the Land Use Element.

As discussed below, the comprehensive plan (and future land use map) should be periodically reviewed and updated to adjust for unforeseen changes or events that were not considered at the time the initial plan and land use map were developed.

The Village Board makes the final decisions regarding changes to the content of the zoning ordinance and the district map. These decisions are preceded by public hearings and recommendations of the plan commission.

- **Subdivision (Land Division) Ordinance:** Subdivision regulations serve as an important function by ensuring the orderly development of unplatted and/or undeveloped land.

These regulations may set forth reasonable regulations for lot sizes, road access, street design, public utilities, storm water drainage, parks and open space, and other improvements necessary to ensure that new development will be an asset. The Board makes the final decisions on the content of the subdivision ordinance. These decisions are preceded by public hearings and recommendations of the plan commission.

- **Capital Improvement Plan (CIP):** This is an ongoing financial planning program that allows local communities to plan ahead for capital expenditures and minimize unplanned expenses. A capital improvement plan consists of a list of proposed projects according to a schedule of priorities over a four-to-six year period. It identifies needed public improvements, estimates their costs, and identifies financing methods and sources. Public improvements or expenditures typically considered in a CIP include:
 - Public buildings (i.e., fire and police stations)
 - Park and trail acquisition and development
 - Roads and highways (maintenance and new construction/paving)
 - Utility system construction/expansion, treatment plants, water towers, wells, etc.
 - Joint school and other community development projects
 - Fire and police protection equipment

A CIP is simply a method of planning for and scheduling expenditures for public improvements over a period of several years in order to maximize the use of limited public funds. Each year the CIP should be reviewed and extended

one year to compensate for the previous year that was completed. This keeps the improvement program current and allows for modifications to meet the community's changing needs.

The preparation of a CIP is normally a joint responsibility between the Village Board, plan commission, staff, and citizen commissions. The preparation of a capital improvement program may vary from community to community depending on local preferences, the local form of government and available staff. The proposed capital improvement plan should be reviewed in light of the priorities outlined in the comprehensive plan.

Plan Adoption, Monitoring, and Amendments

While this comprehensive plan is intended to provide a long-term framework to guide development and public spending decisions, it must also respond to the continuous stream of changes that occur in the community and/or region that may not have been foreseen when the plan was initially adopted. It is appropriate that some elements of the plan are rarely amended while others are subject to updating on a more regular basis. Plan maps should also be updated periodically. In general, key maps, such as the future land use map, should be reviewed annually to make sure they are still current.

Plan Adoption: The first step in implementing this plan involves adoption of the plan by local officials. The formal review and adoption process involves plan review by the Plan Commission (or other planning committee) who must adopt the plan by resolution of majority vote. The Plan Commission

recommendation is forwarded to the Village Board who must adopt the plan by ordinance (of majority vote). A public hearing is required to allow public comment on the ordinance prior to Board final action to adopt the plan. Adoption formalizes the plan document as the framework to guide local development decisions over the next 20 years. The adopted plan should also be recognized as a tool for communicating the community's land use policy and goals and objectives regarding coordination of growth and development.

Plan Use, Monitoring and Evaluation: The adopted plan should be used as a tool by the Village of Elderon when making land use and development decisions. Decisions concerning private development proposals, public investments, regulations, incentives, and other actions should be consistent with the goals, objectives, policies, and recommendations outlined in this plan.

Although this plan describes policies and actions for future implementation, it is impossible to predict the exact future condition of the Village of Elderon. As such, the goals, objectives, and actions in this plan should be monitored on a regular basis to maintain concurrence with changing conditions and respond to unanticipated events.

This plan should be evaluated at least every 5 years, and updated at least every 10 years. Members of the Village Board, Plan Commission, and any other local decision-making bodies should periodically review the plan and identify areas that might need to be updated. The evaluation should involve first reviewing the goals and objectives to ensure they are still relevant and reflect current community desires. Then the strategies and actions should be reviewed and refined to

eliminate completed tasks and identify new approaches if appropriate. The evaluation should also include an updated timetable of actions to clarify priorities.

Plan Amendments: The Village of Elderon Comprehensive Plan may be amended at any time by the Village Board following the same process described above for initial Plan adoption, regardless of how minor the proposed amendment or change. Amendments may be appropriate throughout the lifecycle of the plan, particularly if new issues emerge or trends change. These amendments will typically consist of minor changes to the plan text or maps. Large-scale changes or frequent amendments to meet individual development proposals should be avoided or the plan loses integrity. A list of criteria to determine the merits of proposed amendments is included in Table 12-1.

As noted above, proposed amendments must be reviewed by the Plan Commission prior to final action and adoption by the Village Board. The public should be notified of proposed Plan changes and allowed an opportunity for review and comment. For major amendments, the Village might consider soliciting public opinion through surveys and/or community meetings prior to the official public hearing.

Plan Updates: According to the State comprehensive planning law, comprehensive plans must be updated at least once every ten years. As opposed to the more routine amendments described above, plan updates often involve re-writing of whole sections of the plan document and significant changes to supporting maps. A plan update should include a thorough examination of the community’s goals and objectives based on an analysis of current growth trends and major changes that have occurred since the plan was initially adopted

or last amended. Plan updates must be formally adopted following the same procedure described above for initial plan adoption.

Table 12-1: Criteria to Consider When Reviewing Plan Changes

- | |
|---|
| <ol style="list-style-type: none">1. The change is consistent with the overall goals and objectives of the Village of Elderon Comprehensive Plan.2. The change does not create an adverse impact on public facilities and services that cannot be mitigated.3. Development resulting from the change does not create an undue impact on surrounding properties. Such development should be consistent with the physical character of the surrounding neighborhood or would upgrade and improve its viability.4. The change allows a more viable transition to the planned uses on adjacent properties than the current land use.5. The change does not have a significant adverse impact on the natural environment including trees, slopes and groundwater, or the impact could be mitigated by improvements on the site or in the same vicinity.6. There is a change in Village actions or neighborhood characteristics that would justify a change.7. The change corrects an error made in the original plan.8. There is a community or regional need identified in the comprehensive plan for the proposed land use or service.9. The change does not adversely impact any landmarks or other historically significant structures or properties unless mitigated through relocation, commemoration or dedication. |
|---|

Consistency Among Plan Elements

The State of Wisconsin planning legislation requires that the Implementation Element describe how each of the required elements will be integrated and made consistent with the other elements of the plan. Since the Village of Elderon completed all planning elements simultaneously, no known inconsistencies exist. It is noted that some overlap naturally exists between the nine plan elements. Where deemed appropriate, goals, objectives, and actions have been repeated under all applicable elements to ensure they do not get “lost”.

This Comprehensive Plan also references previous and concurrent related planning efforts (e.g, LRTP, Groundwater Study) to ensure they are considered in planning decisions in conjunction with the recommendations of this Plan. Summary descriptions of recent and concurrent planning efforts are provided in the *Conditions and Issues Report*. Recommendations from other plans have been summarized and incorporated in this plan as deemed appropriate, to foster coordination and consistency between plans. Some related plans, such as the *Marathon County Hazard Mitigation Plan*, are incorporated by reference in this plan and are essentially considered appendices of this plan even though they are separate documents.

Action Plan

The table below provides a detailed list of major actions to complete in order to implement this comprehensive plan. It compiles the major short, mid, and long-term priorities described in each of the nine plan elements. It also identifies the parties that will play key roles in implementing the actions.

Table 12-2 is intended to be used by local officials in setting priorities for capital budgeting and staff allocation. It is expected that this table will be reviewed annually and revised, as necessary, to respond to changing priorities, financial limitations, and other unforeseen events. It should be noted that many of the actions require considerable cooperation with others, including the citizens of the Village of Elderon, staff, and other local/county/state agencies.

Priority ranking is defined as follows:

- Immediate = ASAP
- Short-term = 1-4 years
- Mid-term = 5-9 years
- Long-term = 10+ years
- On-going = Current activities that should continue indefinitely

Village of Elderon

Table 12-2: Implementation Plan Actions

Action	Priority
Natural Resources	
Coordinate regularly with the DNR on shoreland and wetland preservation issues.	Ongoing
Distribute information to residents through billing inserts, newsletters, etc.	Ongoing
Continue to monitor pesticide use, especially in remaining potato farming.	Ongoing
Establish guidelines for development adjacent to Comet Creek.	Short-term
Consider and/or inform residents about conservation easements.	Mid-term
Implement buffers, native vegetation, etc. in cooperation with UW-Ex and the DNR.	Short-term
Identify and map critical groundwater recharge areas with help from the DNR.	Short-term
Meet with the Town of Elderon to discuss potential water issues.	Short-term
Consider a free well testing program, as has been done in the past.	Short-term
Consider a tree preservation ordinance.	Short-term
Work with the DNR and County to review existing development practices.	Short-term
Land Use	
Utilize the Planning Commission as a business development committee	Short-term
Investigate and plan for wider sidewalks, utility access, and roadway improvements that may attract businesses.	Short-term
Survey local residents about the type of business that is desired.	Short-term
Consider donated trees, benches, etc. as part of a streetscaping program.	Mid-term
Work with potential new business owners on a case-by-case basis.	Ongoing
Survey residents about the type of industry that is desired (small manufacturing, lumberyard mentioned in the past).	Short-term
Let potential developers, business owners know what type of industry is desired by the community.	Short-term
Identify preferred industrial areas on the future land use map.	Immediate
Consider regulations stating that utilities must be put in or funded by developers.	Short-term
Develop a strategy for evaluating small holding systems or small private systems to serve specific buildings on a case-by-case basis.	Ongoing
Set up an annual review of ordinances.	Ongoing
Continue to evaluate the value of a full zoning code.	Ongoing

Village of Elderon

Action	Priority
Continue to use the on-call building inspector.	Ongoing
Evaluate need for a permanent building inspector position as development and population grows.	Mid-term
Continually review the current Planning Commission procedure for local reviews, and changes as becomes necessary.	Ongoing
Transportation	
Maintain contact with WDOT on issues in the Village.	Ongoing
Continue to research and allocate funding to direct to transportation safety projects.	Ongoing
Identify areas needing sidewalks, and prioritize implementation based on funding availability.	Short-term
Continue to actively pursue and monitor the availability of land for parking in North Park.	Ongoing
Continue to meet annually to prioritize and program road improvements.	Ongoing
Biannually review state grant opportunities for transportation projects.	Ongoing
Continue monitoring of current agreements by the Village Board.	Ongoing
Solicit bids or other agreements if current agreements become less cost-effective.	Mid-term
Utilities	
Identify preferred industrial/commercial areas on the future land use map.	Immediate
Consider regulations stating that utilities must be put in or funded by developers.	Short-term
Develop a strategy for evaluating small holding systems or small private systems to serve specific buildings on a case-by-case basis.	Ongoing
Continue to investigate funding sources, including grants.	Ongoing
Identify and map critical groundwater recharge areas with help from the DNR.	Short-term
Meet with the Town of Elderon to discuss potential water issues.	Short-term
Consider a free well testing program, as has been done in the past.	Short-term
Housing	
Review the building code and mobile home ordinance as questions and changes in community conditions arise.	Short-term
Review demographic trends in the Village to determine the potential need for senior housing.	Mid-term
Work with Marathon County and housing agencies to disseminate information about available housing.	Ongoing
Review demographic trends in the Village and keep/plan housing types according to results.	Mid-term
Decide what types of residents the Village would like to attract (i.e. young families, etc.) and plan housing types accordingly.	Short-term

Village of Elderon

Action	Priority
Consider the housing needs of migrant workers that work on area potato and dairy farms.	Ongoing
Review the building code and mobile home ordinance as questions and changes in community conditions arise.	Ongoing
Cultural Resources	
Consider local recognition of historic resources.	Mid-term
Consider protection or restrictions on altering Village-owned historic structures.	Mid-term
Community Facilities	
Regularly review and identify needed repairs, and plan to allocate funding accordingly.	Ongoing
Investigate the cost of building an addition to the Village Hall.	Short-term
Develop a list of needed improvements/equipment and prioritize for use in funding allocation.	Short-term
Continue to fundraise annually for the fire department.	Ongoing
Continue to meet once per month to review response times and service calls.	Ongoing
Review contracts annually.	Ongoing
Create an Advisory Board to meet quarterly or as needed to review response times and service calls.	Short-term
Research possible grants and other funding sources.	Ongoing
Initiate meetings with the County Library system.	Short-term
Approach the Town of Elderon about possible cost-sharing for a library that serves both the Town and Village.	Short-term
Parks and Recreation	
Review and re-allocate maintenance costs annually.	Ongoing
Continue to investigate and solicit bids for the Causeway Project.	Ongoing
Continue to investigate dredging of spring feeder ponds near the lake.	Ongoing
Review and allocate funds for needed safety improvements projects annually.	Ongoing
Investigate funding sources and place sidewalks along STH 153 as a high priority.	Short-term
Continue to pursue bids and funding for well installation to provide water to the drinking fountains and restrooms.	Ongoing
Continue to monitor use of and the need for electricity South Park.	Ongoing
Economic Development	
Investigate and plan for wider sidewalks, utility access, and roadway improvements that may attract businesses.	Short-term

Village of Elderon

Action	Priority
Survey local residents about the type of business that is desired.	Short-term
Consider donated trees, benches, etc. as part of a streetscaping program.	Mid-term
Work with potential new business owners on a case-by-case basis.	Ongoing
Survey residents about the type of industry that is desired (small manufacturing, lumberyard mentioned in the past).	Short-term
Let potential developers, business owners know what type of industry is desired by the community.	Short-term
Identify preferred industrial areas on the future land use map.	Immediate
Consider regulations stating that utilities must be put in or funded by developers.	Short-term
Develop a strategy for evaluating small holding systems or small private systems to serve specific buildings on a case-by-case basis.	Ongoing
Intergovernmental Cooperation	
Continue monitoring of current agreements by the Village Board.	Ongoing
Solicit bids or other agreements if current agreements become less cost-effective.	Mid-term
Invite representatives from county and state activities and organizations to speak at Town meetings.	Ongoing
Attend meetings held by other government entities (agencies, communities, etc.).	Ongoing
Develop a survey which can be mailed out to residents, asking for suggestions or feedback on proposed or recently constructed projects (roads, residential developments, etc.)	Mid-term
Designate a main contact person who will be responsible for organizing and/or distributing public information materials.	Immediate

Appendix A

State Comprehensive Planning Goals

Wisconsin Statutes 66.1001 requires that the goals, objectives, policies, and programs of local governmental units be consistent with the fourteen planning goals in the State planning legislation, which include:

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

Appendix B

Marathon County Guiding Principles

Participants in the Marathon County comprehensive planning process worked cooperatively, through several meetings with sub-area groups, to develop a set of guiding principles that describe broad characteristics of a desired future for their communities and Marathon County. The guiding principles consist of a series of statements that reflect shared values and priorities regarding future growth and development. These principles were used to provide a general frame of reference for developing local goals and objectives. The ten guiding principles include:

- 1. Respect Local Governance** - Planning in Marathon County should build on local town, village and city government as a system that is unique, has served residents well, and is a strong component of local identity.
- 2. Preserve Working Agriculture** - Agriculture has been central to the culture and economy of Marathon County for over 100 years. Farming has been a way of life for generations of county residents and is fundamental to both community and individual identity. Efforts such as protecting prime farmland from development, exploring niche markets, and supporting cooperative practices can be implemented at the local level to help maintain and preserve working agriculture.
- 3. Maintain a Sense of Place** - As Marathon County's population grows and changes, communities will need to ensure that important physical features, buildings, and

landscapes that exemplify their local identity are retained. These features provide a sense of heritage and continuity that contribute to a community's identity and sense of place.

- 4. Preserve Rural Character** - Shifts in the farm economy and urban expansion are altering the County's rural landscape characterized by working farms, woodlands, rolling hills, marsh areas, and plentiful water bodies. As open spaces, farms, and woodlands are being lost or fragmented by development, Marathon County communities will need to make some important choices in order to preserve the qualities and character of the rural landscape.
- 5. Safeguard Natural Resources** - Marathon County is graced with abundant natural resources including numerous rivers, wetlands, forests, and wildlife. Careful stewardship of natural resources is essential to protect against fragmentation and degradation and ensure these resources continue to contribute to the ecology, character, quality of life, and economy of Marathon County into the future.
- 6. Foster Managed Growth and Coordinated Development** - Managing growth is important to ensure that no area is overwhelmed by development, land use conflicts are minimized, and development occurs in a quality manner that minimizes impacts on natural resources. Managing growth requires coordination of land uses and infrastructure, within and between communities, and recognizes that high quality growth in any one community will benefit surrounding communities as well.

7. Cost-Effective and Efficient Provision of Public Services - Marathon County residents are clear in their desire to keep local taxes reasonable. One of the most effective means to keep taxes under control is to ensure that public services are efficiently organized to provide the best service possible for the taxpayer dollar. Communities have a responsibility to provide the highest level of services possible given limited resources. To ensure cost-effective public services, local communities may want to consider options such as greater coordination, cost-sharing and consolidation if such efforts improve access to services and service delivery.

8. Build Social and Civic Capacity - Marathon County residents take pride in their long tradition of local government. Ideally, participation in community affairs embraces and builds upon the diversity of cultures and values present in the community. Providing opportunities to share ideas and participate in community decision-making is essential to building and maintaining a strong sense of local community.

9. Support Rural Service Centers - Rural centers are part of a web of services that support residents, give local identity and are part of the rural way of life that residents want to preserve. Most villages in the County grew as centers to provide goods and services for nearby farmers, but have evolved as rural activity centers including the local school, churches, and some goods and services. Just as city neighborhoods are stronger with nearby commercial services, rural areas are stronger with nearby villages that provide a central meeting place to connect with other rural residents. As more people move to rural areas, it makes

sense to concentrate new development in areas that can efficiently provide utilities and other services.

10. Preserve and Enhance Local Tax Base - A strong tax base allows a community to deliver needed services to residents while helping to keep taxes low. Erosion of local tax base is a concern for many communities, often as a result of annexation, increases in public land ownership, and shifting economic markets. Efforts to attract additional revenue generators and coordinate with adjacent municipalities can help communities protect and preserve their local tax base.

RESOLUTION

RE: ADOPTION OF THE RECOMMENDED COMPREHENSIVE PLAN AS PREPARED BY THE VILLAGE OF ELDERON PLANNING COMMISSION

WHEREAS, the Village Board of the Village of Elderon established a Plan Commission for the purposes of preparing a recommended Comprehensive Plan for the Village of Elderon; and

WHEREAS, numerous persons involved in local planning provided information at regular and special meetings called by the Village of Elderon Planning Commission; and

WHEREAS, members of the public were invited to make comments at said meetings, wherein the Comprehensive Plan herein adopted was reviewed and commented upon by members of the public; and

WHEREAS, the Village of Elderon Planning Commission has reviewed the recommended Comprehensive Plan at a regular monthly meeting; and

WHEREAS, members of the public, adjacent and nearby local governmental units, and Marathon County will be given a 30-day review and comment period prior to the public hearing, which will be conducted by the Village Board for the Comprehensive Plan; and

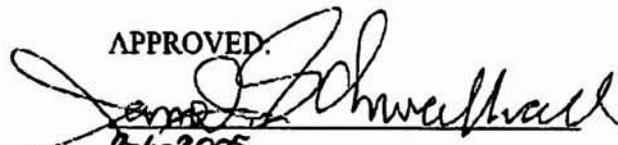
WHEREAS, after said public hearing, the Village Board will decide whether to adopt by ordinance the Comprehensive Plan; and

WHEREAS, the Comprehensive Plan may be used as the basis for, among other things, updating the zoning ordinance, accomplishing extra-territorial zoning, and as a guide for approving or disapproving actions affecting growth and development within the jurisdiction of the Village of Elderon; and

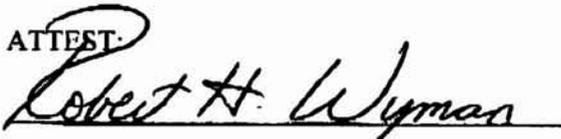
WHEREAS, this Comprehensive Plan may from time to time be amended, extended, or added to in greater detail.

NOW, THEREFORE, BE IT RESOLVED, by the Village of Elderon Planning Commission that the recommended Comprehensive Plan is hereby adopted as a part of the Village of Elderon' Comprehensive Plan pursuant to s.62.23 and s.66.0295, Wis. Stats. and that the Planning Commission recommends said Comprehensive Plan to the Village of Elderon for adoption by ordinance, after a 30-day public review and comment period and public hearing.

APPROVED.


Linda Schwabach
7-6-2005
Chairperson
Planning Commission

ATTEST


Robert H. Wyman

**RE: An Ordinance to Adopt the Comprehensive Plan of the Village of Elderon
Marathon County, Wisconsin.**

The Village Board of the Village of Elderon, Marathon County, Wisconsin, do ordain as follows:

Section 1. Pursuant to section [59.69(2) and (3)(for counties)/62.23(2) and (3)(for cities, and towns exercising City powers under 60.22(3))] of the Wisconsin Statutes, the Village of Elderon, is authorized to prepare and adopt a comprehensive plan as defined in section 66.1001(1)(a) and 66.1001(2) of the Wisconsin Statutes.

Section 2. The Village Board of the Village of Elderon, Marathon County, 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 plan commission of the Village of Elderon, by a majority vote of the entire commission recorded in its official minutes, has adopted a resolution recommending to Village Board the adoption of the document entitled "Comprehensive Plan of the Village of Elderon," containing all of the elements specified in section 66.1001(2) of the Wisconsin Statutes.

Section 4. The Village has held at least one public hearing on this ordinance, in compliance with the requirements of section 66.1001(4)(d) of the Wisconsin Statutes.

Section 5. The Village Board of the Village of Elderon, Marathon County, Wisconsin, does, by enactment of this ordinance, formally adopt the document entitled, "Comprehensive Plan of the Village of Elderon," pursuant to section 66.1001(4)(c) of the Wisconsin Statutes.

Section 6. This ordinance shall take effect upon passage by a majority vote of the members-elect of the Village Board and [publication/posting] as required by law.

Approved November 15, 2007


James Schwalbach, President


David F. Johnson, Mayor

Village of Elderon Comprehensive Plan Public Participation Plan

Introduction

Public participation is the process which people who will be affected by or interested in a decision by a governmental body have an opportunity to influence its content before the decision is made.

Wisconsin's Comprehensive Planning statute recognizes the necessity of effective public participation and requires the adoption of a written public participation plan as stated in Chapter 66.1001(4)(a).

"The governing body of a local government 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 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".

In preparation of the Comprehensive Plan for the Village of Elderon, the Village Board and Planning Commission are committed to providing on-going opportunities for public participation throughout the planning process. The Village of Elderon is therefore committed to completing the following tasks in order to provide opportunities for public participation.

Posting/Notification of all planning commission meetings.

Public notification for Plan Commission meetings will be posted at the following locations:

- Elderon Village Hall

Village Board and Plan Commission members will regularly check these sites to see that posted notifications are replaced if removed. These notifications will be posted during the entire Comprehensive Planning process until the adoption of a comprehensive plan by the Village of Elderon.

Village Meetings

The Village of Elderon Planning Commission will hold periodic public informational hearings/input sessions during the course of the planning process.

In addition, the Planning Commission will hold two public hearings as required by Chapter 66.1001(4)(d). These meetings will be held upon the completion of the Elderon Comprehensive Plan and prior to Board voting

Resolution #R- 1 -03

A RESOLUTION BY VILLAGE OF ELDERON
THE COMPREHENSIVE PLANNING PUBLIC PARTICIPATION PLAN

WHEREAS, a requirement of Wisconsin Statutes §66.1001 (Comprehensive Planning Law) is the adoption of a public participation plan.

WHEREAS, the Village of Elderon is participating in the Marathon County Comprehensive Planning Process.

WHEREAS, the Village of Elderon recognizes the importance of public participation throughout the Comprehensive Planning Process.

NOW, THEREFORE, BE IT RESOLVED that the Village of Elderon approves the Comprehensive Planning Public Participation Plan.

DATED: February 2, 2004.

VILLAGE OF ELDERON

<u>James Schwabach</u>	<u>Village President</u>
<u>David Fabrik</u>	<u>Village Trustee</u>
<u>Marlene Mattoon</u>	<u>Village Trustee</u>
<u>Robert H. Wyman</u>	<u>Village Clerk</u>
<u>Gary Wyman</u>	<u>Village Treasurer</u>
_____	_____

to accept or deny the Comprehensive Plan. A notice of the hearing must be published at least 30 days before the hearing in a newspaper likely to give notice in the area. The notice will meet the requirements for proper notification regarding date, time, location, etc.

Sub-Area / Consultant Meetings

All meetings conducted Marathon County or the Consultant will be open to the public and posted similar to planning commission meetings.

Village Newsletters

The Village Board along with the Planning Commission will prepare a newsletter for property owners and residents in the Village of Ederon. This newsletter will be sent with property tax bills. The newsletter will include important news and updates about the comprehensive planning process.

Newspaper Notices

The Village of Ederon Planning Commission will prepare notices of meetings in the local paper.

Public Comments

The Village Board and the Planning Commission will always welcome written comments regarding issues presented. Direct written responses will be made where a response is appropriate. Comments will always be addressed and discussed at meetings.

Other

Planning is a continuous process that does not end with the adoption of the plan. Unforeseen issues at the time this document was prepared, or as future issues arise, the planning commission may organize additional public participation activities or as it considers specific planning issues and amendments to the comprehensive plan. The topics of the meetings or open houses will depend on these issues and will be designed to feature opportunities for public education, input, and interaction.

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Appendix E – Bibliography of Planning Related Studies, Regulations and Resources

Natural Resources

- **Marathon County Land and Water Resource Management Plan (LWRMP)** - In 2005, Marathon County adopted the LWRMP in accordance with Wisconsin Statutes (Wisconsin Act 27, Chapter 92.10). The primary intent of this plan is to identify a vision for natural resource management in Marathon County, to outline strategies to protect the quality and quantity of soil and water resources and to ensure compliance of state agricultural performance standards and local ordinances.
- **Marathon County 2001 Groundwater Protection Guide** – This guide is an extension of the efforts established with adoption of the *Marathon County Groundwater Plan* in 1988. It is intended to guide local and County officials in setting policy to safeguard groundwater resources. It also serves as a resource of information about groundwater and other natural resources and recommends strategies to address issues related to groundwater protection.
- **Marathon County Forest Ten-Year Comprehensive Land Use Plan, 2006 - 2015**
This plan includes recommendations to manage and protect the county forest on a sustainable basis for ecological, economic, educational, recreational, and research needs of present and future generations. It provides substantial information on existing forest resources and information regarding the roles of the various agencies and regulatory framework related to forest management. The Marathon County Board of Supervisors will consider approval of the plan in September 2005 and the DNR will do so in December 2005.
- **Soil Survey for Marathon County**, published in 1990 by the U.S. Soil Conservation Service and updated in 2003.
- **Marathon County Cropland Evaluation System (CES)** - This system rates soils on their ability to produce food, feed, forage, and fiber crops. The system is non-biased, defensible, and can be consistently applied.
- **Farm Preservation Program** is an income tax credit program administered by the Wisconsin Department of Agriculture (WDA), Trade & Consumer Protection. The goals of the program are twofold: to preserve Wisconsin farmland by means of local land use planning and soil conservation practices and to provide property tax relief to farmland owners. Landowners keeping land in agricultural use can claim a credit on their state income tax by obtaining a zoning certificate (if the land is zoned “exclusive agriculture”) or by signing a contract with the State.
- **Marathon County Farmland Preservation Plan**, adopted in 1982, eight towns have adopted Exclusive Agriculture Zoning. These include: Stettin, Marathon, Mosinee, Hull, Brighton, Eau Pleine, McMillan, and Day. The intent of this zoning classification is to minimize fragmentation of farmland by imposing a minimum lot size of 35 acres. In order to adopt Exclusive Agriculture zoning, a municipality must be enrolled in the Farmland Preservation Program.

- ***Marathon County Non-metallic Mining Ordinance***, adopted in 1989 requires reclamation of these sites to a purposeful and acceptable landscape appearance and use. The program is administered by the County DCPZ and includes incentives to reclaim abandoned excavations.
- ***Natural Heritage Inventory (NHI) maps*** provided by the State of Wisconsin include general information on endangered resources are appropriate for general planning and assessment purposes only. The locations of endangered resources that are not considered vulnerable to collection are identified at the town level in Marathon County. Locations of more vulnerable species are generalized to minimize the potential for collection or disruption.

Land Use

- ***General Code of Ordinances for Marathon County*** includes several sections that specifically address land use and various development activities. Some of these include:
 - **Chapter 11 (Animal Waste and Manure Management)** includes regulations to prevent animal waste material from entering water bodies through issuance of construction permits for new and modified manure storage facilities. The ordinance also regulates the closure of abandoned manure storage facilities, mismanaged manure storage facilities and the application of manure onto cropland.
 - **Chapter 17 (Zoning Code)** includes development restrictions in shoreland and wetland areas and a wellhead protection overlay district that encompasses recharge areas for municipal water supply wells. Local communities in Marathon County may adopt their own zoning code, adopt the County zoning code, or choose to have no zoning.
 - **Chapter 16 (County Forests)** prescribes rules and regulations for the administration of County forests in cooperation with the Department of Natural Resources. Provides for the establishment, protection, development and management of County forests to provide sustained yield of forest products for commercial use and the associated benefits of soil and water conservation, scenic and recreational values, fish and game resources, multiple-use purposes and related uses.
 - **Chapter 18 (Land Division)** The County's land division regulations apply in all unincorporated areas of the County. However, where a town has land division regulations that are more restrictive than the County's, the local regulations apply. Chapter 18 includes regulations for minimum lot sizes, street design and access requirements, land dedication, surface drainage and erosion control.
 - **Chapter 19 (Parks and Recreation)** includes regulations regarding use and management of all lands and water previously and subsequently acquired by the County for park or recreational purposes or placed under the jurisdiction of the Park Commission and including without limitation, parks, beaches, swimming pools and privately owned lands, the use of which has been granted or leased to the County for park, recreational or like public purposes.
 - **Chapter 21 (Non-metallic Mining)** includes requirements for reclamation that minimize impacts on groundwater quantity and quality.

- ***Marathon County Hazard Mitigation Plan (2005)*** – This plan, prepared in accordance with Federal Emergency Management Administration (FEMA) directives of the Disaster Mitigation Act of 2000, outlines strategies for pre-disaster planning and hazard mitigation. The intent is to minimize the effects of potential disasters and help streamline the administration of disaster relief.
- ***Forest Crop Law (FCL) and Managed Forest Law (MFL)*** - the FCL and the MFL programs were developed to encourage better forest management and provide tax relief to woodland owners. Land set aside under the FCL (which was combined into the MFL in 1986) required at least 40 acres in one quarter-quarter section, set aside under a 25- or 50-year contract, and public access for hunting and fishing activities. The MFL was enacted in 1985 and requires at least 10 acres of contiguous forest land. Landowners may close to the public up to 80 acres of their forest lands set aside under MFL. The remaining program acres must be open to public access for hunting, fishing, hiking, sight-seeing and cross-country skiing. Landowners must choose a 25- or 50-year contract. The landowner pays an Acreage Share Amount as part of their tax bill in lieu of taxes.

Transportation

Studies related to transportation are listed below under the jurisdiction who prepared the plan.

1. Marathon County (Conservation, Planning, and Zoning Department (CPZ) and/or Highway Department) is responsible for completing/updating/assisting with several plans/policies/studies relating to transportation including:

- ***State Trunk Highway 29 Corridor Land Use Review (1997)***
 - Recommends actions or measures local communities can make to protect areas within the STH 29 corridor from the negative impacts related to unplanned growth.
- ***Marathon County Functional / Jurisdictional Highway Classification Study (1988)***
 - Identifies and groups classes of roadways that provide similar levels of service. The plan recommended that the unit of government having the greatest basic interest in the roadway's function would carry out the operation, maintenance, and improvement of the classified roadways.
- ***Marathon County Program Evaluation Team (P.E.T.) Transportation Services Recommendations (2002)***
 - These recommendations, under direction of the Marathon County Human Services Committee, are intended to address issues related to specialized transportation services provided by various Marathon County Departments, including issues related to overlapping services.
- ***Bicycle & Pedestrian Plan for the Non-Urbanized Area of Marathon County, Wisconsin (1996)***
 - Identifies suggested bicycle routes in Marathon County outside the Wausau area. Routes were based on traffic counts and condition of pavement. Formal action has not occurred to adopt these as officially designated bicycle routes.
- ***Marathon County Paratransit Study (2001)***
 - Studied paratransit services within the Wausau area provided primarily by Wausau Area Transit System Plus (WATS+). Identified issues with regard to

providing demand responsive services for persons in the Greater Wausau Area and Marathon County. Provides a plan for enhancing paratransit services over a five-year period primarily geared toward controlling costs and increasing efficiency and trip sharing on the WATS+ system.

- **County Trunk Highway Access-Driveway Policy**
 - Available through the Marathon County Highway Department, addresses the requirements regarding culverts, access width, slope, visibility and spacing. Marathon County issues driveway permits and implements access restrictions on all properties fronting a lettered county road.

2. Wausau Metropolitan Area Planning Commission (MPO) - The MPO is responsible for completing/updating/assisting with several plans relating to transportation in the metropolitan area including:

- **Long Range Transportation Plan (LRTP) for the Wausau Metropolitan Area (1996)**
 - The LRTP addresses needed improvements to the transportation system serving the Wausau urbanized area. LRTP recommendations are based on the relationship between land use policy and transportation facilities and services, including roadways, transit, bikeways, pedestrian ways, air, inter-city bus, and the movement of goods by air, rail, and truck. The 1996 plan was reaffirmed in 2001 and will be updated by 2005.
- **Local Arterial Circulation Plan (2000)**
 - The purpose of this plan was to guide public and private sector decisions concerning the infrastructure, right-of-way, Level of Service (LOS), land use compatibility, and safety needs of the local arterial transportation system over the next 20 to 30 years.
- **Transportation Improvement Program (TIP)**
 - The TIP includes all programmed transportation projects receiving federal and/or state funds. The TIP for 2005 – 2007 was adopted in 2005 and is updated every two years.
- **Wausau Area Transit System (WATS) Transit Development Plan (TDP) (1999)**
 - The TDP is updated every five years and provides a five-year capital improvement program and service recommendation plan. This plan is being updated in 2005.

3. Wisconsin Department of Transportation (WDOT) – WDOT has completed several statewide plans relating to most modes of transportation, including:

- **Wisconsin State Highway Plan 2020**
 - Considers the highway system's current condition, analyzes future uses, assesses financial constraints and outlines strategies to address Wisconsin's preservation, traffic movement, and safety needs. The plan is updated every six years to reflect changing transportation technologies, travel demand and economic conditions in Wisconsin.
- **Wisconsin Pedestrian Policy Plan 2020**
 - Outlines statewide and local measures to increase walking and promote pedestrian safety. The plan also clarifies the WDOT role in addressing

pedestrian issues and meeting pedestrian needs by establishing policies for better integrating pedestrian travel into the transportation system.

- **Wisconsin Bicycle Transportation Plan 2020**
 - Presents a blueprint for improving bicycling conditions and encouraging bicycling in the state and calls for the implementation of metropolitan area bicycle plans that have been prepared by Metropolitan Planning Organizations (MPOs).
- **Wisconsin State Airport System Plan 2020**
 - Developed by WDOT, identifies information related to the state's aviation system. The plan is used by WDOT's Bureau of Aeronautics to pre-qualify airport improvement projects submitted by airport sponsors for funding consideration.
- **Wisconsin Rail Issues and Opportunities Report (2004)**
 - Developed by WDOT, summarizes critical rail transportation issues, suggests opportunities for public sector involvement, and points out areas where additional research is needed. This report reflects input and guidance from a variety of sources including a State Rail Advisory Committee and a Rail Industry and Shippers' Advisory Group. The information in this report was originally intended for a State Rail Plan 2020. WDOT decided to incorporate the rail planning efforts into *Connections 2030*, WDOT's long-range all-mode transportation plan, and release the Issues and Opportunities Report in the interim. *Connections 2030* is currently being developed by WDOT, and is scheduled to be completed by Spring 2006.

4. Federal Highway Administration:

- **Federal Highway Administration's Highway Functional Classification: Concepts, Criteria and Procedures**
 - Outlines Federal regulations that States must follow to classify roadways.

Utilities

- **Sewer Service Area "208" Plans** - Section 208 of the Clean Water Act passed in 1972 required the preparation of area-wide water quality management plans. This was translated at the State level through NR 121 of the Wisconsin Administrative Code, which requires that water quality management plans also address sanitary sewer service needs for 20 years into the future. These requirements form the basis of Sewer Service Area "208" Plans. The Wisconsin Department of Natural Resources (WDNR) has review and approval authority over Sewer Service Area plans; however, the technical work to prepare the plan is typically done by local government staff.
 - Wausau Urban Area Sewer Service Plan for the Year 2000 (1981) – initial "208" Plan
 - Major Amendment to the Wausau Sewer Service Area Boundary completed in 1992 (City of Wausau) and 1998 (Towns of Kronenwetter and Rib Mountain, Villages of Weston and Rothschild).
 - Current amendment in progress; with all communities in the sewer service area participating. It is anticipated that the plan will be approved by the DNR in December, 2005.

- **Chapter 15 - General Code of Ordinances for Marathon County** incorporates by reference rules, regulations, and laws in the Wisconsin Statutes and Wisconsin Administrative Code governing private sewage systems.
- **Wellhead Protection Plans** - The State of Wisconsin mandates that **wellhead protection plans** be developed for any municipal well proposed after May 1, 1992. These plans must be approved by the WDNR before a community can use the new well. Section NR 811.16(5) of the Wisconsin Administrative Code defines specific requirements for required wellhead protection plans.

Parks and Recreation

- **Marathon County Comprehensive Outdoor Recreation Plan for 1999-2004**, completed in May 1999, this plan identifies several needs related to parks and recreation and outlines several actions to address those needs.
 - The plan has received a one-year extension from the State of Wisconsin, and is in the process of being updated with a completion date in spring of 2006.
- **The Rivers Edge Master Plan**, adopted in June 1995, outlines a long-range (20-30 year) framework for improving access to the riverfront and enhancing the riverfront environment and provides a master plan to establish a bicycle/pedestrian trail along the banks of the Wisconsin River through the City of Wausau.

Economic Development

- **Marathon County Workforce Profile**, Wisconsin Department of Workforce Development (DWD), annually in October.
- **Final Report**, Marathon County Task Force on the Rural Economy, April 2003.
- **Agricultural Impacts in Marathon County**, University of Wisconsin – Extension (UWEX), Ken Barnett and Steve Deller, February 2003.
- **Status of Wisconsin Agriculture**, 2003, UWEX, Mike Wildeck and Ed Jesse, April 2003.
- **Comprehensive Economic Development Strategy 2002-2003**, North Central Wisconsin Regional Planning Commission (NCWRPC), June 2002.

Appendix F: Guidelines for Paving Gravel Roads¹

When a local government considers paving a road, it is usually with a view toward reducing road maintenance costs and providing a smooth riding surface. But paving may not be the right answer. After all, paving is expensive. Municipalities should consider the following factors to help them make the most cost-effective decision. Taken together, these factors provide a framework for careful decision-making.

Traffic Demand

The number and weight of vehicles affects a road's lifespan. Generally speaking, the more vehicles using a road, the faster it will deteriorate. The average daily traffic volumes (ADT) used to justify paving generally range from a low of 50 vehicles per day (vpd) to 400 or 500 vpd. When traffic volumes reach this range, serious consideration should be given to some kind of paving. However, traffic volumes alone are merely guides.

Types of traffic should also be considered. Different types of traffic (and drivers) make different demands on roads. Will the road be used primarily by standard passenger cars or will it be a connecting road with considerable truck traffic or heavy farm equipment? Overloaded trucks are most damaging to paved roads. The functional importance of the road should also be considered. Generally speaking, a major road should probably be paved before residential or side roads are paved. On the other hand, a residential street may be economically sealed or paved while a road with heavy truck or farm equipment usage may best be surfaced with gravel and left unpaved until sufficient funds are available to place a thick load-bearing pavement on the road.

Maintenance Considerations

The following questions should be considered when assessing costs associated with maintaining existing gravel roads:

- How often must new gravel be applied to the gravel road? (Some roads require more than others do.)
- How many times per year must the gravel road be graded?
- How often and in what locations should calcium chloride or other road stabilizers be applied?
- What is the plan for ditching and shouldering?

Base and Drainage Needs

"Build up the road base and improve drainage before paving." This cardinal rule cannot be stressed enough. If the foundation fails, the pavement fails. If water is not drained away from the road, the pavement fails. Paving a road with a poor base or inadequate drainage is a waste of money. It is far more important to ask, "Does this road need strengthening and drainage work?" than it is to ask, "Should we pave this gravel road?"

¹ "When to Pave a Gravel Road" Gravel Roads Maintenance and Design Manual (2001); Kentucky Transportation Center, University of Kentucky at Lexington, KY, adapted from an article from the Vermont Local Roads Program, Saint Michael's College; posted by Local Technical Assistance Program and the National Local Technical Assistance Program Association and sponsored by the US Department of Transportation's Federal Highway Administration.

Safety and Design Considerations

Paving a road tempts drivers to drive faster. As speed increases, the road must be straighter, wider, and as free as possible from obstructions for it to be safe. Paving low volume roads before correcting safety and design inadequacies encourages speeds that are unsafe, especially when the inadequacies "surprise" the driver. In areas with a large number of miles of low volume roads, it is difficult to reduce speeds by enforcement.

Poorly designed and hazardous roads – Roads must be designed to provide safe travel for the expected traffic volume at the design speed. To do this a number of physical features must be considered:

- Sight Distance
- Design Speed
- Alignment and Curves
- Surface Friction
- Lane Width
- Superelevation

Some engineers insist that no road should be paved that is less than 22 feet wide. If this standard is accepted, gravel roads may need to be widened prior to paving. Likewise, bridges along these roads may need widening. It may also be necessary to remove trees or other obstructions such as boulders from the road edge. Considering these and other safety and design factors in the early stages of decision-making can help to achieve the most cost-effective road design that meets desired transportation needs.

Geometric Guidelines for Very Low-Volume Local Roads (< 400 ADT): The American Association of State Highway and Transportation Officials (AASHTO) publishes road design guidelines, including Geometric Guidelines for Very Low-Volume Local Roads (those with <400 ADT). Less stringent design criteria are generally acceptable on these low volume roads because:

- Lower traffic volumes present substantially reduced opportunities for multiple vehicle collisions, and
- Most drivers are familiar with the roadway design characteristics.

The guidelines offer more flexibility for road designers to maintain existing geometric features, which have not been shown to be a safety problem. Allowing less stringent design standards for very low volume roads provides an opportunity to reduce improvement costs, which may be better utilized elsewhere.

Costs

The decision to pave a gravel road involves determining when it becomes economical to pave; and ultimately when the benefits of paving exceed the costs.

Road Preparation Costs – Road preparation costs related to road bed construction activities that occur before paving actually takes place. Costs will vary greatly from project to project depending on topography, types of soils, and availability of good crushed stone or gravel, traffic demands and other factors. Road design should comply with standards in the municipality's road policy; which is one reason to carefully consider, and routinely update, what is contained in the road policy. For larger projects it may be desirable to hire an engineering consulting firm (another cost) to design the road and make cost estimations. For smaller projects construction costs can be fairly closely calculated by adding the estimated costs of materials, equipment and labor required to complete the job.

Maintenance Costs – Another financial consideration is to compare maintenance costs of a paved road to maintenance costs of a gravel road. To make a realistic comparison, estimate the years of pavement life (how long the pavement will be of service before it requires treatment or overlay) and the actual cost of paving. Then compare those costs with those associated with gravel roads as noted above.

User Costs – Not all road costs are directly reflected in a road budget. There is a significant difference in the cost to the user between driving on a gravel surface and on a paved surface. It costs more to operate vehicles on gravel surfaces than on paved surfaces, often 2 or 3 times greater than for bituminous or concrete roads in the same locations. There is greater rolling resistance and less traction, which increase fuel consumption. The roughness of the surface contributes to additional tire wear and influences maintenance and repair expenses. Dust causes extra engine wear, oil consumption and maintenance costs.

By including vehicle-operating costs with construction and maintenance costs, a more comprehensive total cost can be derived.

Public Opinion

Public opinion as to whether to pave a road can be revealing, but it should not be relied upon to the exclusion of any one of the factors already discussed. If a decision to pave is not based on facts, it can be very costly. Public opinion should not be ignored, of course, but there is an obligation by government leaders to inform the public about other important factors before making the decision to pave.

Staged Construction

Local government may consider using "stage construction design" as an approach to improving roads. This is how it works: A design is prepared for the completed road, from base and drainage to completed paving. Rather than accomplishing all the work in one season, the construction is spread out over three to five years. Paving occurs only after the base and drainage have been proven sufficient over approximately one year. Crushed gravel treated with calcium chloride serves as the wearing course for the interim period. Once all weak spots have been repaired, the road can be shaped for paving.

Following are some advantages to keeping a road open to traffic for one or more seasons before paving:

1. Weak spots that show up in the sub-grade or base can be corrected before the hard surface is applied, eliminating later expensive repair;
2. Risky late season paving is eliminated;
3. More mileage is improved sooner;
4. The cost of construction is spread over several years.

Note: Advantages may disappear if timely maintenance is not performed. In addition, the surface may deteriorate more rapidly because it is thinner than a designed pavement.

Summary

Some existing local roads are not engineered to accommodate the traffic they receive. Larger volumes of heavy trucks and other vehicles are weakening these roads at a fast rate. Paving roads as a sole means of improving them without considering other factors can be a costly mistake. Careful consideration of the factors described above will help to assure local government officials that they are making the right decision before paving a gravel road.

Appendix G: Economic Development Programs

The following list provides a summary of the major programs and resources available to assist with economic development efforts. This is not an exhaustive list and local officials are encouraged to contact Marathon County and MCDEVCO for more complete and current information.

Federal Programs

U.S. Department of Agriculture, Rural, Development: Provides a wide range of programs aimed at farming and rural areas, including:

- **Business and Industry (B&I) Guaranteed Loan Program:** Provides financial backing for rural businesses to create and maintain employment. Assistance includes loans for working capital, machinery and equipment, buildings and real estate, and certain types of debt refinancing.
- **Rural Business Enterprise Grants (RBEG) Program:** Provides grants to public entities, private nonprofit corporations, and Federally-recognized Indian Tribal groups to finance and facilitate small and emerging private businesses located outside a city or urbanizing area.
- **Rural Business Opportunity Grant (RBOG) Program:** Provides grants to promote sustainable economic development in rural communities with exceptional needs.

Economic Development Administration (EDA): Provides a variety of assistance programs focusing on long-term economic growth targeted to areas with demonstrated need or economic distress, including:

- **Public Works Program:** Investments aimed at revitalization, expansion, and upgrades to physical infrastructure specifically to attract new businesses and generate private sector jobs. Examples: water and sewer facilities, rail spurs, port improvements, access improvements.
- **Economic Adjustment Program:** Assistance to mitigate local economic changes resulting from corporate restructuring, natural disasters, depletion of natural resources, or new federal laws or requirements.
- **Technical Assistance Program (Local):** Assistance to help fill knowledge and information gaps to help local leaders in distressed areas make informed decisions regarding economic development.

U.S. Small Business Administration (SBA): The SBA provides financial, technical, and management assistance generally aimed at business startup and growth. Some programs include:

- **Certified Development Company (504 non-profit corporation) Loan Program:** Long-term, fixed-rate financing for major fixed assets, such as land and building improvements.

Wisconsin State Programs

Most State programs are provided through the Wisconsin Department of Commerce, although other departments also offer limited programs. Primary State programs include:

- **Community Development Block Grants (CDBG):** There are several CDBG programs focusing on different aspects of economic development.
 - **Economic Development Program** – grants to establish loans for business start-up, retention, and expansion.
 - **Public Facilities for Economic Development Program:** Helps underwrite the costs of necessary public infrastructure to retain or create employment opportunities.
 - **Public Facilities Program:** Helps finance infrastructure and facilities to serve low and moderate income persons.
 - **Emergency Grant Program:** Helps restore or replace critical infrastructure damaged or destroyed as a result of natural or manmade catastrophes.

- **Community Based Economic Development Program (CBED):** Provides funding assistance to local governments and community-based organizations that undertake planning, development, and technical assistance projects supporting business development.

- **Main Street Program:** Supports efforts to help communities organize to revitalize their downtowns.

- **Wisconsin Technology Zone Program:** Offers tax-credits to high-tech firms that meet certain criteria.

- **Wisconsin Development Zone Program:** Tax benefit initiative to encourage private investment and improve both the quality and quantity of employment opportunities.

- **Enterprise Zone Program:** Provides tax incentives to new or expanding businesses whose projects will enhance distressed areas.

- **Industrial Revenue Bond (IRB) Program:** Allocation of Federal tax-exempt status on bonds that will be issued by a business to finance an expansion project. Program is limited to small and mid-size manufacturers with strong financial statements.

Wisconsin Department of Workforce Development (DWD): This department offers several programs aimed at investing in the workforce, including programs in apprenticeship, vocational rehabilitation, employee training, child care, etc.

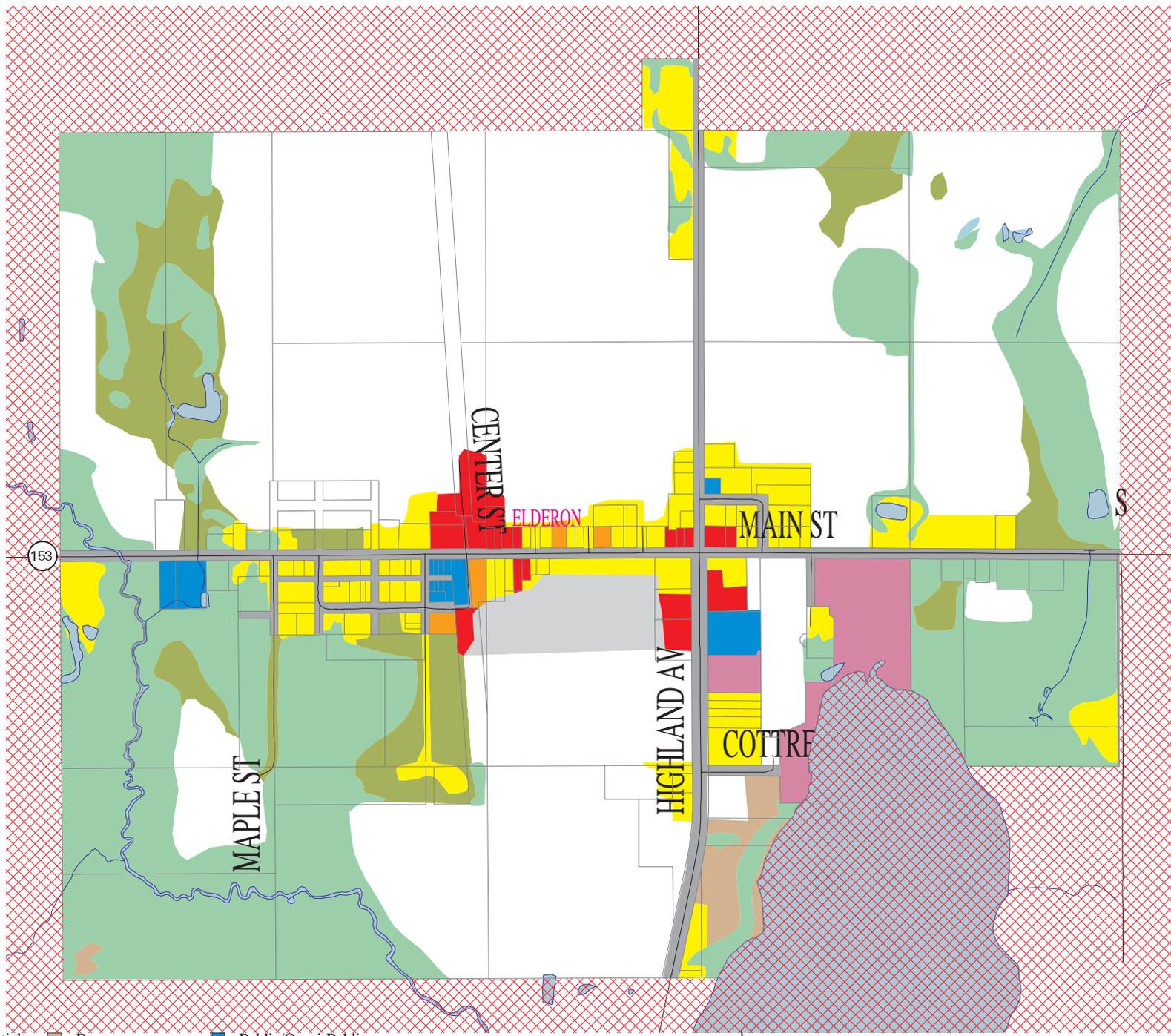
Wisconsin Department of Natural Resources (DNR): The Bureau of Remediation and Redevelopment consolidates state and federal clean up programs and provides assistance to help businesses clean up and re-use existing brownfield sites.

Forward Wisconsin, Inc.: This is a State public-private marketing and business recruitment organization that focuses on marketing outside Wisconsin to attract new economic development to the State.

County, Regional, and Local Programs

The primary financial assistance available at the County and local level are revolving loan funds. The primary entities in Marathon County that participate in economic development related efforts include:

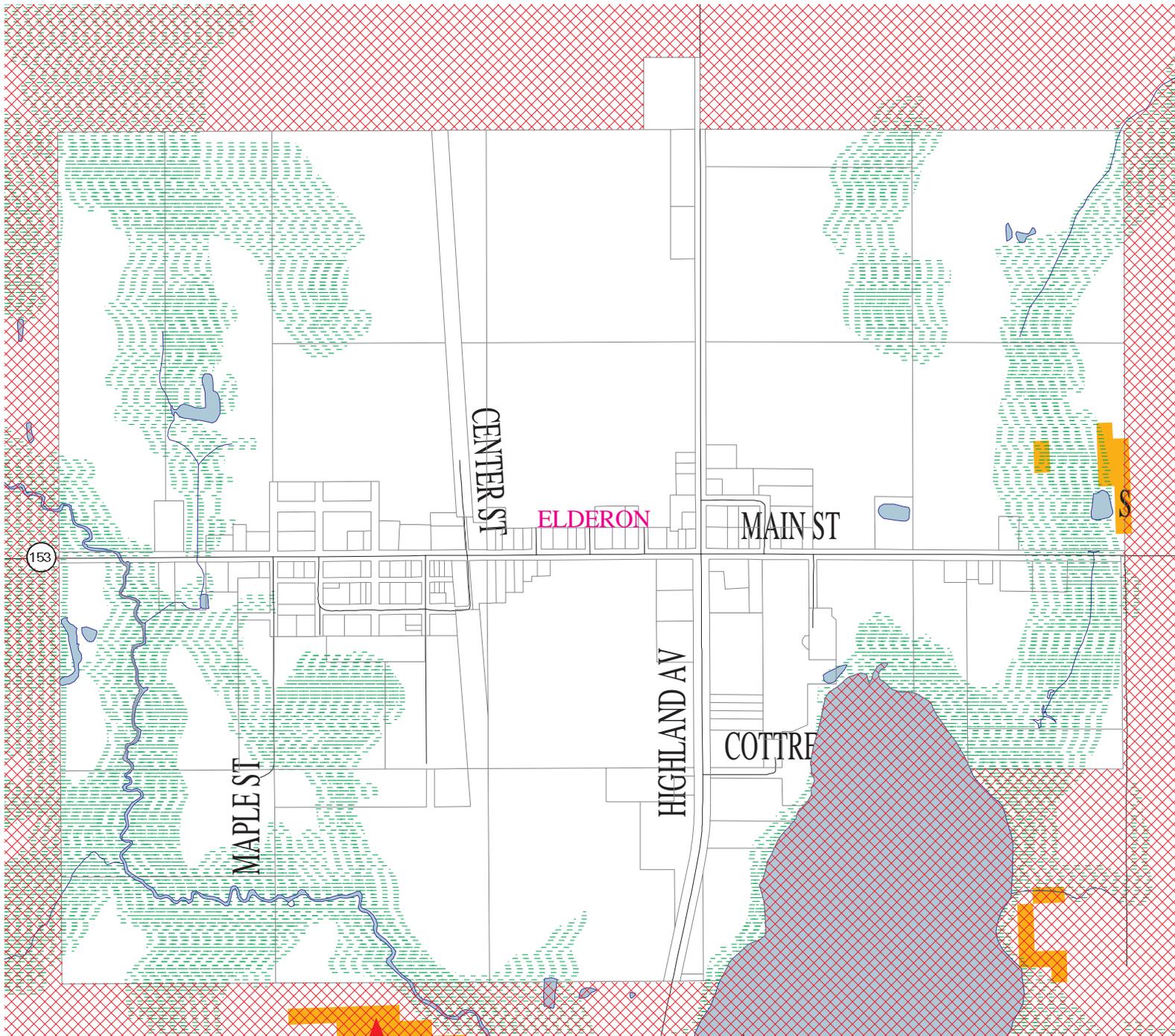
- **North Central Wisconsin Regional Planning Commission (NCWRPC):** The NCWRPC is a designated Economic Development District and provides services such as economic research, marketing, financial packaging, evaluation and analysis of public infrastructure needs that support private economic development activity. The NCWRPC also works with local units of government to maintain eligibility for certain grants.
- **North Central Wisconsin Development Corporation (NCWDC):** A regional organization created for the purpose of managing a regional revolving loan fund. The NCWDC is staffed by the NCWRPC.
- **Wausau Region/Marathon County Chamber of Commerce:** The Chamber provides leadership and support for economic development efforts in the region, including a variety of networking programs, mentoring services, workshops and business counseling services.
- **Marathon County Development Corporation (MCDEVCO):** This is the economic development arm of the Wausau Area Chamber of Commerce. MCDEVCO serves all businesses and communities in Marathon County. MCDEVCO works with individual business, municipalities, and the banking community to facilitate investment in the region. Specific programs administered by MCDEVCO include a revolving loan fund, a small business incubator, and job training funds.
- **Wausau/Central Wisconsin Convention and Visitors Bureau (CVB):** The CVB promotes the area to the business and leisure traveler and provides information on the area to visitors and residents.



- | | | |
|---------------------------|-------------------|---------------------|
| Single Family Residential | Barren | Public/Quasi-Public |
| Multi-Family Residential | Crop Land | Recreational |
| Commercial | Other Agriculture | Transportation |
| Industrial | Forest Land | Water |

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

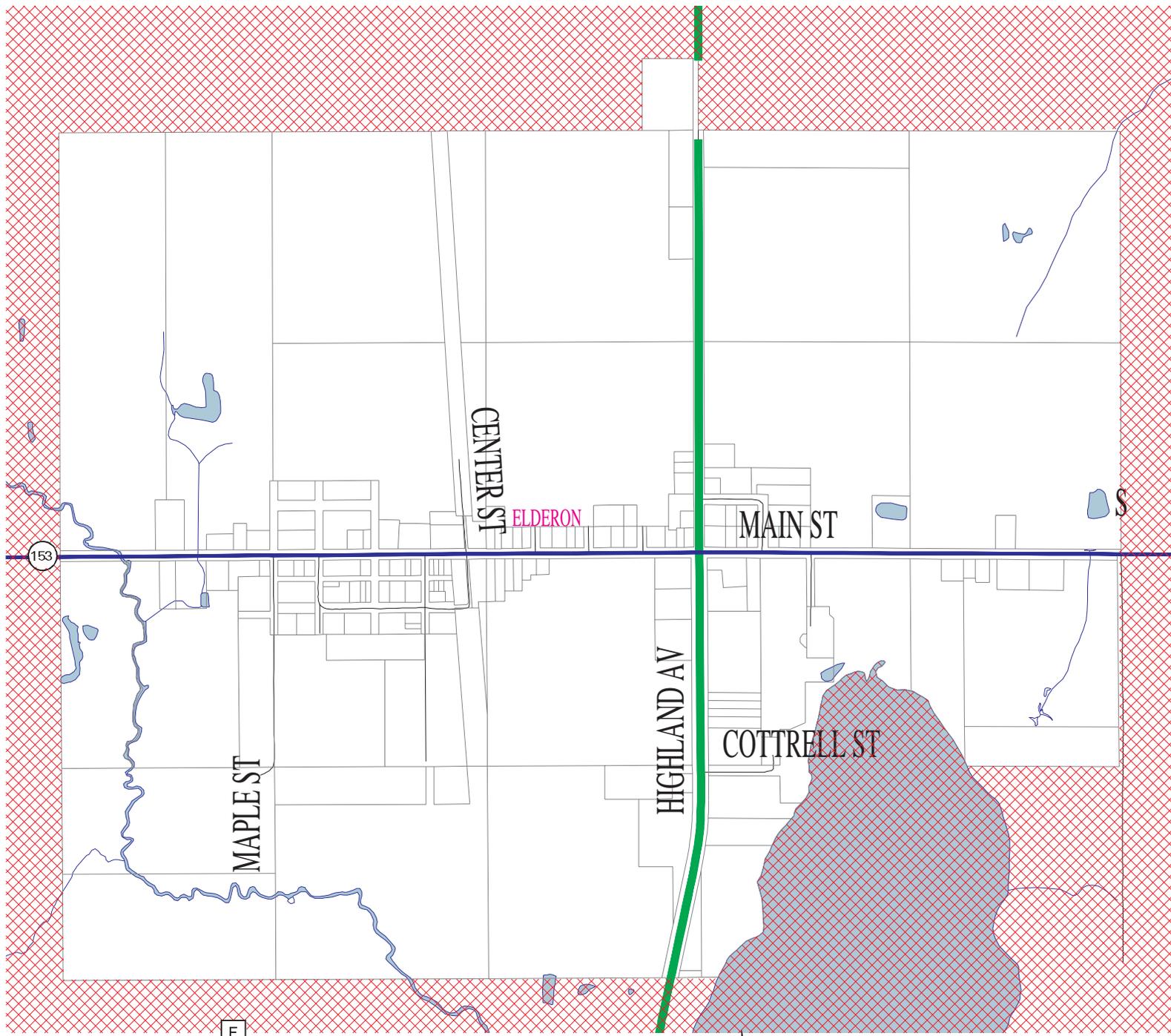
Figure 3-1
 Future Land Use
 V-ELDERON



-  Environmental Constraints
-  Slopes Generally 12-20%
-  Slopes generally greater than 20%

 Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 3-2
Development Constraints
 V-ELDERON

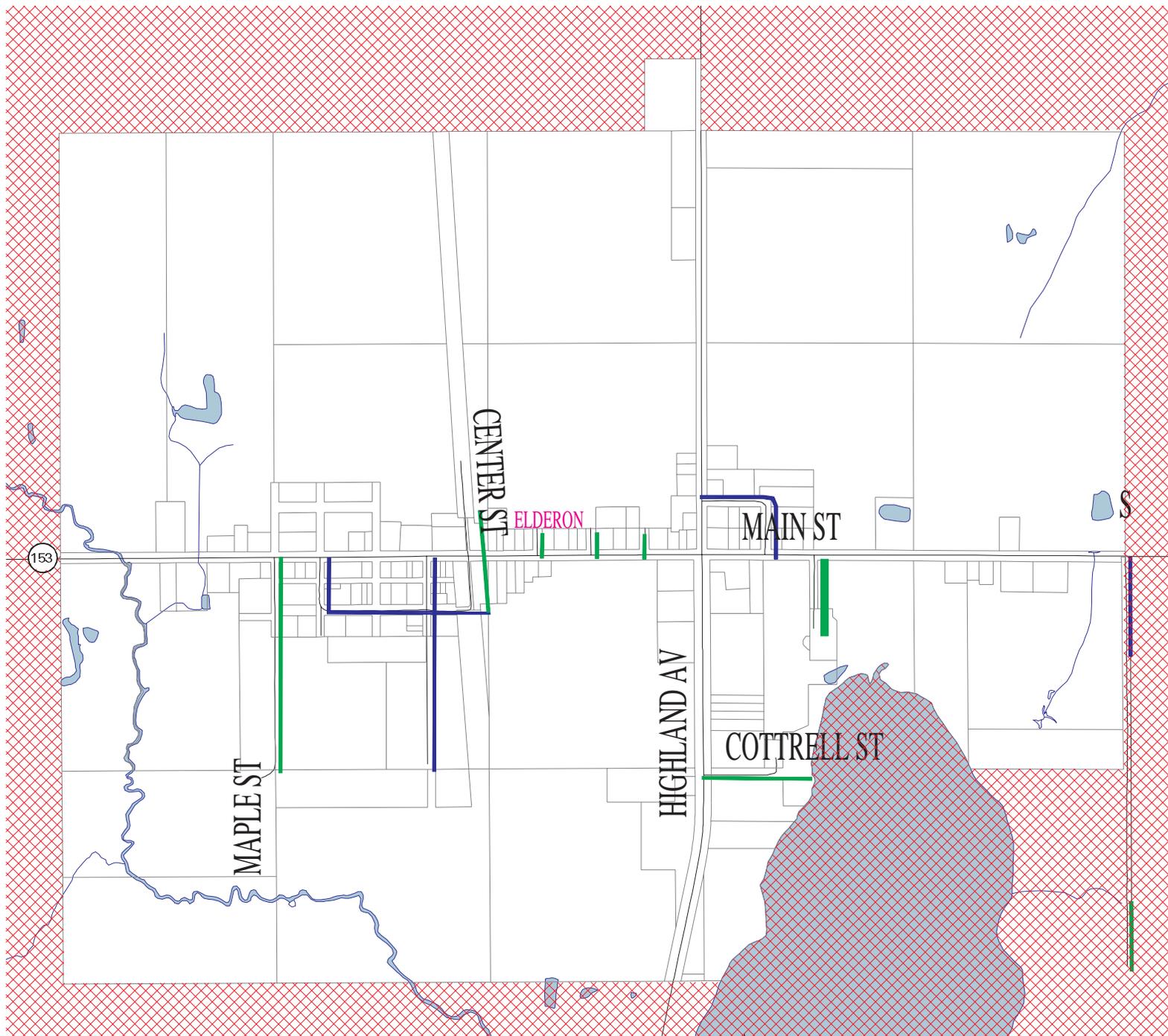


- █ Principal Arterial
- █ Minor Arterial
- █ Major Collector
- █ Minor Collector

- F County Highways
- 52 State Highways
- 51 US Highways
- 39 Interstate

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

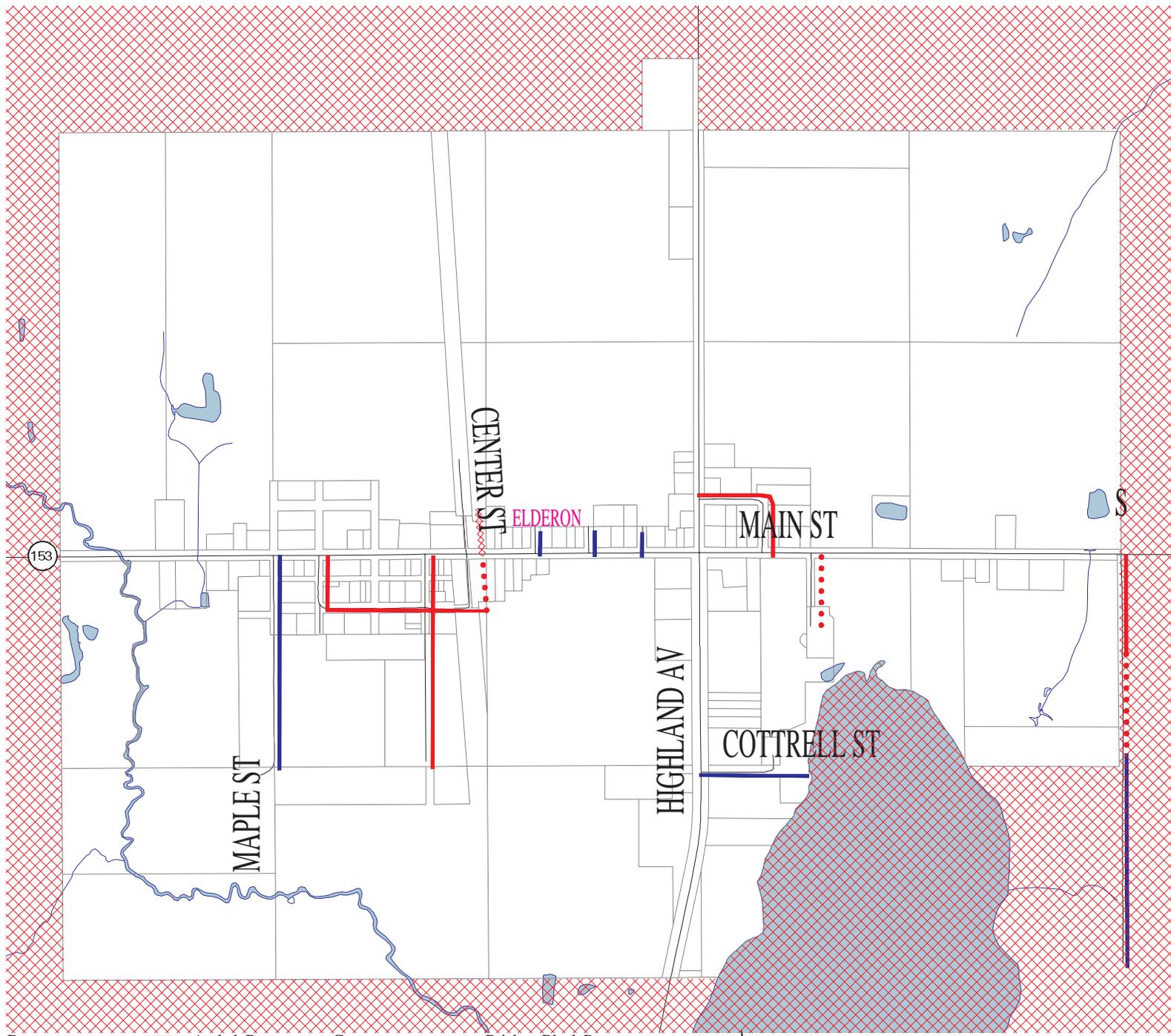
Figure 4-1
Functional Classification of Roads
V-ELDERON



- No Data
- Failed
- Very Poor
- Poor
- Fair
- Good
- Very Good
- Excellent

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 4-2
Road Surface Rating
V-ELDERON



- No Data
- Concrete Pavement
- <1" Wearing Surface
- Asphalt Pavement
- Asphalt Pavement on Concrete
- Asphalt Pavement with Base >7"
- Asphalt Pavement With Base <7"
- Unimproved Road
- Brick or Block Pavement

Indicates other Municipality
 Map Developed by Marathon County CPZ & GIS 2005

Figure 4-3
Road Surface Types
 V-ELDERON