Fond du Lac Metropolitan Planning Organization

Long Range Transportation/Land Use Plan

Fond du Lac Urbanized Area

October 2010

Prepared by the

Fond du Lac Metropolitan Planning Organization

Adopted 10/13/2010

The East Central Wisconsin Regional Planning Commission's CY 2010 planning program is supported by federal assistance. Specific funding for this report was provided by the Federal Highway Administration, Federal Transit Administration, the Wisconsin Department of Transportation, the Economic Development Administration, the Wisconsin Department of Administration and the Wisconsin Department of Natural Resources.

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ABSTRACT

TITLE:	Interim update to the Long-Range Transportation/Land Use Plan for the Fond du Lac Urbanized Area
AUTHOR:	ECWRPC Transportation Staff
SUBJECT:	An interim update to the report on the long-range transportation/land use planning process for the Fond du Lac Urbanized Area to the year 2035.
DATE:	10/13/2010
LOCAL PLANNING AGENCY:	East Central Wisconsin Regional Planning Commission
SOURCE OF COPIES:	East Central Wisconsin Regional Planning Commission 400 Ahnaip Street Menasha, Wisconsin 54952-3100

The interim update to the Long-Range Transportation/Land Use Plan for the Fond du Lac Urbanized Area was prepared to meet the requirements of the SAFETEA-LU for long-range transportation and land use planning in metropolitan areas.

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EXECUTIVE SUMMARY

The purpose of the update to the Fond du Lac Urbanized Area Long Range Transportation/Land Use Plan (LRTP) is to expand on issues not covered adequately by the existing LRTP, adopted October 2005 and amended October 2007. The 2005 plan was adopted at the same time as the transportation bill SAFETEA-LU and prior to the guidance and requirements being finalized. The major update will take place with the release of the 2010 decennial U.S. Census data beginning in about 2012. The LRTP is an evolving document constantly being updated, and it's through this process that the document adapts and becomes stronger. This update is one of many in the attempt to maximize the LRTP potential. The update consists of the following seven essential sections:

- Transportation systems
- Forecast Analysis
- Recommendations
- Environmental Justice
- Environmental Mitigation
- State Long Range Plan Coordination
- Financial Analysis

Transportation systems

The transportation systems section analyzes the existing system and updates the transportation components. Components include: highway, streets, safety, state highway safety planning, Safe Routes to School (SRTS), transit, transportation and transit security. Additional new components include: performance indicators, sustainability/livability, and freight. Although the updates to the LRTP are important, the primary focus of this section is to expand on additional new components

In reference to transportation planning, performance indicators are used to track and analyze transportation system assets. Performance indicators used include Pavement Surface Evaluation and Rating System (PASER), International Roughness Index (IRI) and bridge Sufficiency Rating (SR). Collecting and comparing performance indicator data from one year to the next allows the MPO to gauge how the transportation system as a whole changes over time. This analysis will allow the MPO, State and federal officials to make better informed decisions on the future of the Fond du Lac urban area transportation system.

Sustainability and livability refer to creating a transportation network that adequately accommodates all users, while enduring in the human environment. A tool used to achieve sustainability and livability in transportation planning is a design concept called "Complete Streets". "Complete Streets" is a concept used to design roads that safely, conveniently and comfortably accommodate all users including bicyclist, pedestrians, mass transit, people with disabilities, the elderly, motorist, freight providers, and emergency responders.

Freight, at all jurisdictional levels, is becoming a priority as congestion continues to increase. The Metropolitan Planning Organization (MPO) is concerned with congestion and the future needs of the areas stakeholders. The MPO is cooperating on a study with the National Center for Freight and Infrastructure Research and Education (C-FIRE) at the University of Wisconsin

Madison on freight transportation patterns in the Northeast Wisconsin Region. It is the goal of the MPO to better understand freight needs and trends in the region through Travel Demand Modeling (TDM) to minimize future freight problems.

Forecast Analysis

The capability to forecast socio-economic data is a vital part of the transportation planning process. Socio-economic data is used in the TDM to simulate real world origin and destination trips. Trip generation reveals pressure points or congested levels of traffic on the transportation system for the desired out years. This allows the MPO to perform explicit analysis of future travel behavior along the major transportation corridors and to forecast traffic volumes and patterns across the region. As part of the review process for the update to the LRTP, the socio-economic data (household and employment) used in the TDM will be compared to Department of Administration (DOA) and Economic Modeling Specialists, Inc (EMSI) county estimates and projections. This allows the MPO to gauge if there is any significant visual difference between the socioeconomic and the DOA and EMSI data. This analysis is used to determine if the socio-economic data is in line with other similar projections.

Recommendations

The recommendations are developed based on committee member and public input, Transportation Improvement Program (TIP) transportation project list, Transit Development Plan (TDP) recommendations and local comprehensive planning policies. The TIP transportation project list is selected based on criteria developed by the LRTP goals, objectives and policies. The TDP supports and enhances the LRTP though the complete analysis and recommendations of the transit system. Local comprehensive plans are analyzed and compared to the LRTP to identify any inconsistencies.

Environmental Justice

Public participation is a very important part of any planning process. Connecting to the public and making sure that no race or socioeconomic group is being left out of the process is the primary purpose of environmental justice. Environmental justice is a process which seeks to ensure that access to transportation systems and the transportation planning process is available to all, regardless of race or socioeconomic status. Concerted efforts were made to include all individuals within the planning process. Public information meetings were held during all phases of the planning process. Advertisements were published in the local newspaper prior to these meetings. Newsletters and notices were distributed via mail and e-mail to various committees, organizations, and agencies throughout the planning process for distribution to as many individuals as possible.

Environmental Mitigation

Environmental mitigation is a system level review on committed and planned transportation projects in relation to environmental attributes. It should be emphasized that the MPO's role in examining issues related to environmental mitigation is to scan system level issues, not a project level environmental impact document, which requires field work and specific analysis under the National Environmental Policy ACT (NEPA). Environmental attribute or set of attributes were GIS mapped showing the Fond du Lac MPO Long Range Transportation/Land

Use projects and the proximity to each environmental resource. Buffers of one quarter mile are shown for improve/expand and new projects, while buffers of 250 feet are shown for bridge projects. It is assumed that potential impacts which must be mitigated for bridges are point specific. Environmental features with projects within proximity were analyzed and mitigation measures identified.

State Long Range Plan Coordination

The coordination between the State LRTP and the MPO's LRTP is required by federal legislation, thus the State and MPO work together to assure that planning goals and objectives are in line with each other. The State Long Range Plan Coordination section highlights the goals and objectives that are coordinated between the two jurisdictions.

Financial Analysis

The financial analysis section is intended to show that funding is reasonably available to implement the recommendations of the plan. The MPO uses an inflation factor to forecast revenues and expenditures. It is the responsibility of the MPO to show that their revenues and expenditures are fiscally constraint.

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CHAPTER 1 - INTRODUCTION

The update to the Long-Range Transportation/Land Use Plan (LRTP) for the Fond du Lac Urbanized Area was prepared to meet the requirements of the (SAFETEA-LU) for long-range transportation and land use planning in metropolitan areas.

The purpose of the interim update to the LRTP is to update and expand on issues not covered by the existing LRTP for the Fond du Lac Urbanized Area, adopted October 2005 and amended October 2007. This update will provide the necessary information in the interim of the major update that will take place when the 2010 decennial U.S. Census is released. The update is in accordance with the requirements of SAFETEA-LU for long-range transportation and land use planning in metropolitan areas. The East Central Wisconsin Regional Planning Commission has been designated by the Fond du Lac Metropolitan Planning Organization (MPO) to carry out the urban transportation planning process.

A major focus of this update is to expand on freight and environmental planning within the MPO transportation planning process.

PUBLIC PARTICIPATION PROCESS

Public participation is a very important part of the transportation planning process and a priority for the Fond du Lac MPO. In an effort to solicit public comments and inform the public, the MPO developed a series of newsletters to explain the update process to the LRTP and to provide the public with the opportunity to comment on any changes. The newsletter series consisted of the following six installments:

1. Introduction
2. Goals, Objectives, Policies Evaluation
3. Transportation System Performance Analysis
4. Forecast Review
5. Assessment of Planning Recommendations
6. Long Range Plan Update and Amendments

The MPO solicited comments through the MPO website. The website was expanded to include a page devoted to the LRTP update. The page included the newsletter series, the draft plan and a section for public comment. The LRTP was also promoted at the Hispanic Interagency meeting, the Fond du Lac Housing Coalition, the East Central Regional Planning Commission Mini-conference and municipal meetings.

PUBLIC INFORMATION MEETING

On June 8, 2010 the Fond du Lac MPO held a public information meeting at the Fond du Lac City/County Government Center from 4:00 to 6:00 P.M. on the LRTP update. The primary focus of the public information meeting was on the environmental mitigation process. Maps were displayed illustrating the transportation projects and their relation to environmental features. Twelve members of the public attended the meeting to view the LRTP update and the

environmental mitigation maps. Comments were accepted at the meeting, through the mail and by email. A comment page was created on the MPO website. Downloadable versions of the LRTP plan and newsletter were accessible. Comments were received from the Wisconsin Department of the Interior (Fish and Wildlife Service) and a number of concerned members of the public. All comments were compiled and displayed in Appendix A. The sign-in sheet for the public meeting is also displayed in Appendix A.

CHAPTER 2 - GOALS, OBJECTIVES AND POLICIES

SAFETEA-LU, signed into law in August of 2005, and predecessor transportation legislation require that all urbanized areas have a comprehensive, cooperative, and continuing planning process in place to guide effective use of federal funding assistance. SAFETEA-LU planning requirements reemphasize the integral relationship of land use with transportation infrastructure, as well as the need to address all mobility from a multimodal perspective, as previously emphasized under ISTEA and TEA-21. Additional areas of challenge under SAFETEA-LU include:

- Improving safety;
- Improving security;
- Reducing traffic congestion;
- Improving efficiency in freight movement;
- Increasing intermodal connectivity; and
- Protecting the environment.

To carry out the comprehensive planning program, SAFETEA-LU has reconfirmed the role of a cooperative planning institution, the MPO, to guarantee that all aspects of the urbanized area will be represented in the plan's development and that planning will be conducted on a continuing basis.

An extensive issues identification process involving representatives of governmental agencies, area officials, environmental groups, developers, business groups, civic organizations, minority advocates, and interested citizens, took place in 2010. Participants in the issues session, and those unable to attend, were invited to join the on-going Technical Advisory Committee (TAC) in the review and development of goals, objectives, and policies.

The goals and objectives pertinent to this LRTP update are located in the LRTP adopted in October 2005 (See LRTP – pg 9). The 2005 adopted LRTP can be found on the Fond du Lac MPO website at http://www.eastcentralrpc.org/FondduLacMPO/index.html.

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CHAPTER 3 - TRANSPORTATION SYSTEMS

EXISTING CONDITIONS

The Fond du Lac area has experienced a general process of slow, steady growth. While the urban core, an area of contiguous urban development, has expanded, scattered developments throughout the urbanized area have increased in recent decades.

Overall, the study area, which includes the City of Fond du Lac, Village of North Fond du Lac, and portions of the towns of Byron, Empire, Fond du Lac, Friendship, and Taycheedah increased from 49,469 persons in 1970 to 57,479 in 2000, or roughly 16 percent in 30 years. The number of households, on the other hand, increased by 51 percent in the same time period, as household sizes decreased and baby boomers reached the household formation stage.

The Fond du Lac Area Transit (FDLAT) service is stable and efficient in the core area. JOBTRANS, a demand responsive shared-ride taxi service is available through FDLAT. Eligible trips must have an origin or destination within the City of Fond du Lac or the Village of North Fond du Lac and be at least ¾ of mile from a bus route. Significant coordination efforts have been undertaken to provide service to the elderly and disabled who are unable to utilize the fixed route system. Handi Van offers lift equipped van service to these individuals. Curb to curb service is only available to individuals which meet ADA eligibility requirements. A school tripper serves the high school through a contract with a private provider. FDLAT is currently developing a transit development plan and will develop strategies to possibly coordinate services to outlying towns and the Village of North Fond du Lac as needs for services increase.

The continuation of federal funding for the operation of transit systems has been in question for the past decade, however, as part of the recent reauthorization bill SAFETEA-LU of August 2005, federal funding level increases have been proposed for transit.

Land Use Plan

The land use plan for the Fond du Lac area is based upon and integrated with the sewer service area planning process, as well as local land use plans for the communities within the Fond du Lac Urbanized Area. Exhibit 3-1 displays the 2010 existing sewer service land use map. Table 3-1 summarizes the land use into categories.

Table 3-1
Fond du Lac MPO Updated Land Use, 2010

Land Use	Acres	Percentage
50 Foot Wetland Buffer	328	1
75 Foot Stream Buffer	1219	2
Agricultural	21461	42
Agricultural - Farm Outbuildings	381	1
Commercial	730	1
Industrial	832	2
Mobile Home Parks	222	0
Multi-Family Residential	379	1
Open Water	547	1
Parking Facilities	578	1
Public/Institutional	1143	2
Railroad Right of Way	295	1
Recreation/Open Space	1349	3
Residential Accessory Buildings	56	0
Roadways	4577	9
Single Family Residential	6607	13
Stormwater Detention Facility	121	0
Undevelopable Areas	4	0
Vacant - Developable	5880	11
Wastewater Treatment Facility	28	0
WDNR Designated Wetlands	1326	3
Woodlands	3594	7
Total	51657	100

Source: Data of Existing Land Use, updated by ECWRP 2010

HIGHWAY AND STREETS

The existing highway network in the Fond du Lac Urbanized Area has generally kept pace with growth in population, employment, and the significant increase in auto trips. While the growth in population has been modest, traffic volumes have increased. In this sense the Fond du Lac Urbanized Area reflects the national trend, which is based on a number of factors. Vehicle ownership has continued to increase. This was largely a result of an increasing incidence of two career families. In addition to necessitating two vehicles for work trips, it creates a residual need for teens to be responsible for much of their own trip making, frequently resulting in a third, or fourth vehicle in the household.

Another factor which has contributed to the increase in vehicle use is the dispersion of land uses. Unlike the compact, mixed use neighborhood development characteristic of pre-1960

development, residential development is now more commonly on larger lots in subdivisions which are solely residential in nature, and likely miles from employment centers and shopping. The lower density reduces the efficiency and effectiveness of public transit and produces trip lengths which are not conducive to bicycle and pedestrian modes. Many of these areas also do not have facilities to safely serve bicycle or pedestrian travel modes. The end result is more, longer trips, reflected in the increase in the statistic of vehicle miles traveled (VMT).

Preservation

The Fond du Lac MPO is not only working to accommodate growing traffic needs through expansion, but also to preserve the current transportation network to ensure a safe and efficient system. Preservation is becoming a greater issue as the entire transportation system grows older and funding becomes tighter. The MPO is working to strengthen and preserve the overall transportation system through sound planning principles.

SAFETY

The goal of the Fond du Lac MPO is to reduce the potential for traffic accidents and provide for safe and secure transportation of goods and people through the region, thus safety is an important aspect of the LRTP.

According to the Federal Highway Administration (FHWA), 42,708 Americans were killed in traffic crashes in 2006. In 2006 Wisconsin Department of Transportation (WisDOT) reported that 712 persons were killed and 35,296 injured in crashes throughout the State of Wisconsin. The figures pertaining to persons killed do not include alternative modes fatalities. The transportation planning process can play a key role in reducing crashes through the identification of safety issues and common challenges.

By including all aspects of transportation safety in the planning process, engineering, education, enforcement, and emergency medical response, units of government are able to make safer and more efficient transportation improvement choices. It is also important to examine safety on a comprehensive scale by including all forms of transportation (automobile, transit, bicycle, pedestrian, rail, etc.) and how they interact system-wide. By examining current conditions and trends, future hazards and incidents can be reduced, if not prevented.

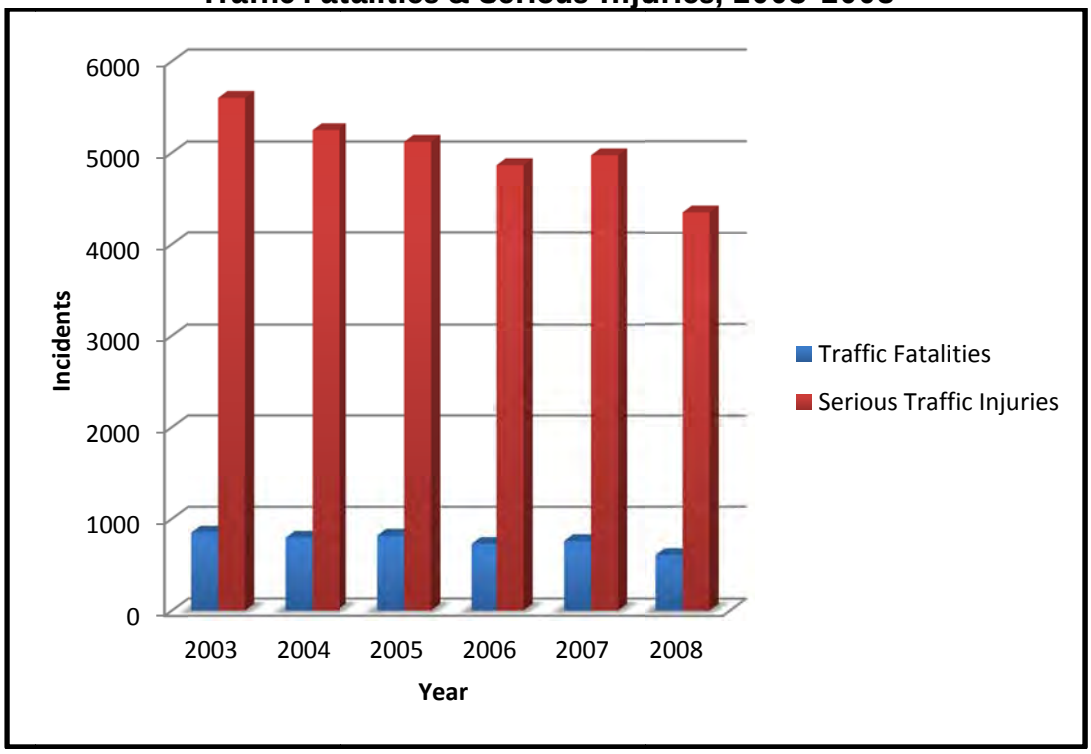
The Fond du Lac MPO recognizes the importance of safety within the planning process and has conducted an in-depth analysis of multimodal crashes throughout the Urbanized Area in 2004 to assist in the transportation decision-making process. By examining and understanding the crash data and incorporating safety conscious planning, the MPO can identify safety issues, common challenges and ways to overcome them, which will result in a safer system for all users.

STATE HIGHWAY SAFETY PLANNING

As part of the requirements for the SAFETEA-LU plan amendment, the LRTP plan must incorporate the goals and objectives from the State Strategic Highway Safety Plan.

Wisconsin has one of the best highway safety records in the United States, with a motor vehicle fatality rate consistently below the national average. In 2008, the Green Bay/Appleton Area (including the Fond du Lac MPO) had a 79.2 percent seat belt usage, which was the highest percentage in the State. Despite this, many people are killed or injured every year on Wisconsin's roadways. Figure 3-1 displays traffic fatalities and serious injuries for the State of Wisconsin from 2003 to 2008. The moving average for traffic fatalities is 757, while the six year average for serious injuries is 5,033. The WisDOT and its safety partners are challenged with continuing to lower these numbers and improve overall highway safety.[1]

Figure 3-1
State of Wisconsin
Traffic Fatalities & Serious Injuries, 2003-2008



*Source: 2010 State of Wisconsin Highway Safety Performance Plan.

The vision for the *2010 Wisconsin's Highway Safety Plan is:*

> *"Zero fatalities. Our transportation system is essential to society's continuing prosperity and an inescapable component to everyday life in Wisconsin; as a society we should not accept casualties as a foregone consequence of that system. Wisconsin citizens and state policymakers work toward achieving zero fatalities and incapacitating injuries on our roadways. Our belief is that any death is one too many, and we work toward saving as many lives as possible using the resources available."*

The ten items of highest priority in the Department's 2006-08 Strategic Highway Safety Plan are listed in priority order below (HSPP-related goals bolded):

[1] 2010 State of Wisconsin Highway Safety Performance Plan.

1. **Increase seat belt use/air bag effectiveness;**
2. Improve design/operation of intersections;
3. **Improve data/decision support systems;**
4. **Reduce speed-related crashes;**
5. **Reduce impaired driving;**
6. Minimize consequences of leaving roadway;
7. Design safer work zones;
8. Reduce head-on and cross-median crashes;
9. Keep vehicles on the roadway; and
10. **Increase driver awareness.**

The MPO LRTP adopted goals and objectives are consistent with many of the priorities discussed in the Strategic Highway Safety Plan. The MPO will continue to work with WisDOT, municipalities and local law enforcement to address these issues.

Local law enforcement will continue to use methods such as "Click it or Ticket" campaigns to remind drivers of the importance of safety belt use and driver awareness. Local law enforcement should continue to pursue various funding for increased patrols to apprehend drivers that are impaired.

WisDOT will continue to use campaigns to promote behavior changes and driver awareness in work zones, and eliminate safety problems as they arise (install median-guards, eliminate at-grade crossings, etc).

The Fond du Lac MPO collected intersection crash locations in the Fond du Lac area from 2001-2004 with data provided by WisDOT. There were a total of 4,500 reported accidents that occurred in the Fond du Lac Urbanized Area. Intersection with 20 or more accidents and or an average of 5 crashes a year was used as a threshold to identify high risk intersections. Table 3-2 identifies the high risk intersections.

Table 3-2
Vehicle Crash Summary, 2001-2004

INTERSECTION ID #	INTERSECTING ROADWAYS				# OF CRASHES
1	Arndt Street		Brooke Street		21
2	Arndt Street		Hickory Street		22
3	Arndt Street		Peters Avenue		20
4	Division Street		Macy Street	45-151-175	36
5	Division Street		Main Street		23
6	Johnson Street	23	Rolling Meadows Drive		57
7	Johnson Street	23	USH 41		80
8	Johnson Street	23	Pioneer Road		90
9	Johnson Street	23	Peters Avenue		43
10	Johnson Street	23	Seymour Street		27
11	Johnson Street	23	Hickory Street		42
12	Johnson Street	23	Main Street	45-151-175	132
13	Johnson Street	23	Park Avenue		38
14	Johnson Street	23	National Avenue		24
15	Johnson Street	23	Prairie Road		27
16	Johnson Street	23	CTH K		24
17	Macy Street	45-151-175	Second Street		22
18	Main Street	175	Ninth Street		28
19	Main Street	45-151-175	Merrill Avenue	45-151-175	20
20	Main Street	45-151-175	Arndt Street		34
21	Main Street	45-151-175	Scott Street	45-175	42
22	Marr Street	45-151-175	Fourth Street		48
23	Marr Street	45-151-175	Division Street		29
24	Park Avenue		Division Street		22
25	Pioneer Road		Military Road	151	30
26	Pioneer Road		Hickory Street		23
27	Pioneer Road		Main Street	175	32
28	Rolling Meadows Drive		Military Road	151	32
29	Scott Street	175	Hickory Street		20
30	Scott Street		USH 45		28
31	Scott Street	45, 175	Brooke Street	N	34
32	Scott Street	45-175	Macy Street		20
33	Scott Street	45-175	Doty Street		24
34	USH 41		CTH OO		41
35	USH 41		Military Road	151	82
36	USH 41		Hickory Street		21
37	USH 41		Main Street	175	76
38	Western Avenue		Hickory Street		21
39	Western Avenue		Military Road	151	23
40	Winnebago Drive	151	Park Avenue		31
41	Winnebago Drive	151	USH 151 Bypass, STH 149		21

Source: ECWRPC 2005, WisDOT 2001-2004.

MPO staff will continue to collect and analyze crash information for intersections and roadways throughout the Fond du Lac Urbanized Area and present this information to committee members and decision-makers. This information will be used to determine and identify high-risk areas so decision-makers can develop solutions to reduce incidents.

TRANSPORTATION SECURITY

The need for ensuring the operation and integrity of America's surface transportation system is evident following the events of September 11, 2001 and Hurricane Katrina. A resilient and

efficient transportation system is critical to ensuring safe, continuous movement of people and goods during a natural or human catastrophe. The full capability of the transportation system must be harnessed and optimized to effectively move people and goods during a natural or human catastrophe.

SAFETEA-LU emphasizes the need to improve transportation security and requires security to be addressed as a stand alone planning factor since its passage in 2005. The Fond du Lac MPO recognizes the importance of security within the Urbanized Area and will consult with local municipalities to insure transportation system security.

Fond du Lac County is currently in the process of updating their Hazard Mitigation Plan (HMP).[2] The Fond du Lac HMP current plan provides guidelines for operations and planning to protect life and property. Some of the objectives of the plan include:

- Reduce long-term risk to people and property from all hazards;
- Speed recovery and response in the event of a disaster;
- Minimize repetitive losses;
- Protect the economic health of the community;
- Save tax dollars; and
- Qualify the local governments for future federal funding.

All types of security incidents have a transportation impact, therefore state, local and regional agencies need to coordinate planning efforts. The Fond du Lac MPO recommends the development of an evacuation plan, an alternate route plan and an Intelligent Transportation System (ITS) Plan. Goals and objectives need to be formulated using the existing plans that are available in the region, such as the *Fond du Lac County Hazard Mitigation Plan*.

TRANSIT SECURITY

Fond du Lac Area Transit's buses and transit center are equipped with surveillance systems that digitally record activity.

The Federal Transit Administration encourages all transit systems to develop and implement proactive security plans to protect passengers, employees, revenues and property. They have made a wealth of information available to assist in the development of written security plans.

SYSTEM PERFORMANCE INDICATORS

Streets, Highways & Bridges

Pavement Surface Evaluation and Rating System

Pavement Surface Evaluation and Rating System (PASER) is a visual survey method used to rate the condition of the roads through the condition of various types of pavement distress on a scale of 1-10. PASER uses 10 separate ratings with 1 being the worst and 10 being a newly constructed pavement. This method is based upon sound engineering principles.

[2] http://emergencymanagement.wi.gov/mitigation/maps/Local_Hazard_Mitigation_Plan_Map.asp

Routine Maintenance

Roads with PASER of 8, 9 and 10 require routine maintenance. Routine Maintenance is the day-to-day, regularly-scheduled activities to prevent wear and tear on the roadway surface. This includes street sweeping, ditch maintenance, gravel shoulder grading, and crack sealing. This category also includes roads that are newly constructed or recently seal-coated and require little or no maintenance.

Capital Preventive Maintenance

PASER ratings 5, 6, and 7 are included in this category. Capital preventive maintenance (CPM) is at the heart of asset management. It is the planned set of cost effective treatments to an existing roadway that retards further deterioration and maintains or improves the functional condition of the system without significantly increasing the structural capacity. The purpose of CPM is to protect the pavement structure; slow the rate of deterioration; and/or correct pavement surface deficiencies. Roads in this category still show good structural support but the surface is starting to deteriorate. CPM is intended to address pavement problems before the structural integrity of the pavement has been severely impacted.

Structural Improvements

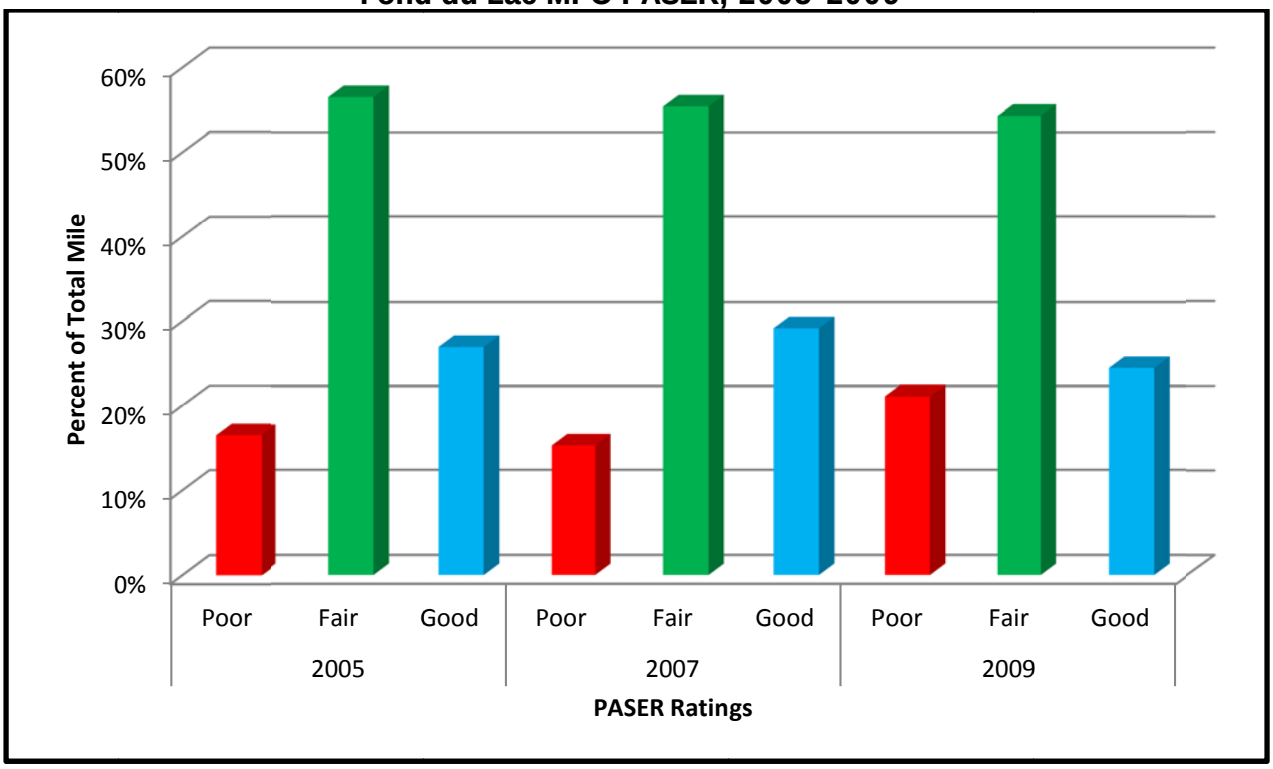
Roads with a PASER rating of 1, 2, 3, or 4 are in need of some type of structural improvement such as resurfacing or major reconstruction. Rutting is beginning to take place. Alligator cracking is evident.

Fond du Lac MPO PASER Data

PASER data is collected by local municipalities every two years and submitted to WisDOT, who compiles and inputs the data in the Wisconsin Information System for Local Roads (WISLR) web based software and database. Figure 3-2 is a compilation of the MPO PASER data from 2005 to 2009. Collecting and comparing PASER data from one year to the next allows the MPO to gauge how the transportation system as whole changes over time. Ratings 1-4 increased 4.66 percent, ratings 5-7 decreased 2.19 percent and ratings 8-10 decreased 2.47 percent from 2005 to 2009. The MPO is experiencing a shift from “good” and “fair” roads to “poor” roads. The shift is slight, but should be noted especially in times of financial difficulties.

Exhibits 3-2(a-c) display 2005, 2007 and 2009 PASER data on a map. Ratings 1-4 are identified in the red and represent “poor” roads that require structural improvements. Ratings 5-7 are identified in the green and represent “fair” roads that require capital preventative maintenance. Finally the ratings 8-10 are identified in the blue and represent “good” roads that require routine maintenance. The map allows the MPO to experience the system in its entirety and identify those areas that are lacking.

Figure 3-2
Fond du Lac MPO PASER, 2005-2009



Source: 2005, 2007, 2009, WisDOT WISLR data

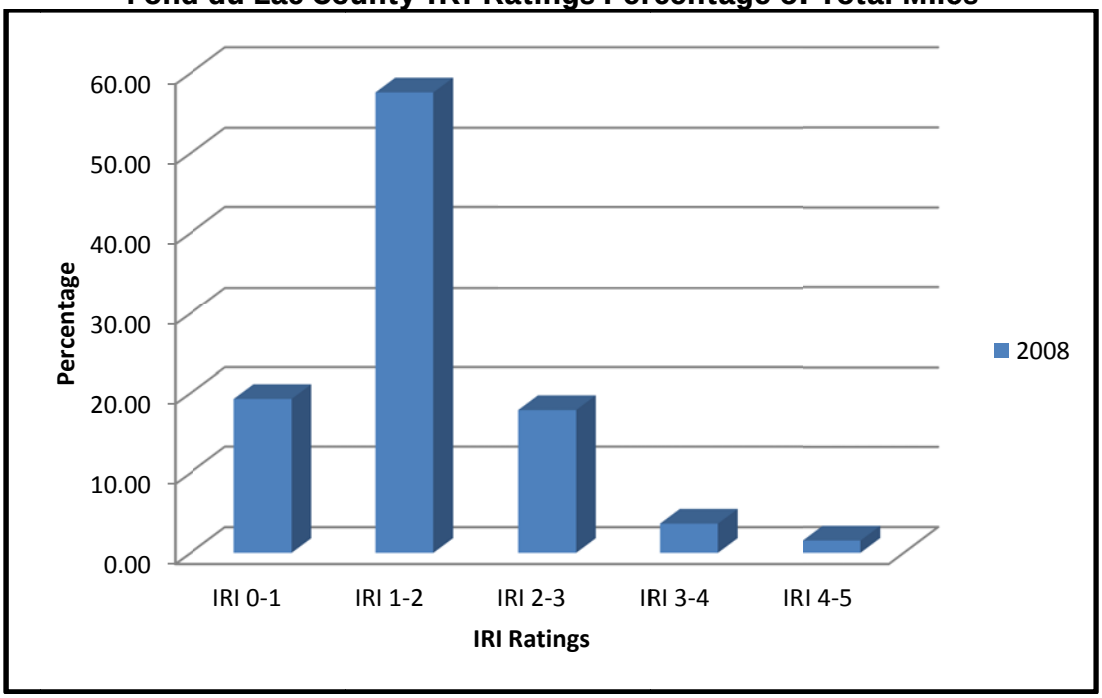
International Roughness Index

International Roughness Index (IRI) is a method for estimating the roughness of a pavement section. Roughness affects not only ride quality, but also vehicle delay costs, fuel consumption and maintenance costs. The IRI statistics is calculated from a single longitudinal profile measured with a road profiler in both inside and outside of the wheelpaths. The average taken from the wheelpaths is reported as the IRI statistic. A value of 0 equals a perfectly flat road; values increasing from 0 represent the deviation of the surface. Increased deviation can affect vehicle dynamics and ride quality. Nationally the IRI has been accepted as the method for rating State and Federal roads. [3]

Figure 3-3 displays 2008 IRI ratings for Fond du Lac County. Fond du Lac County's IRI ratings allow the MPO to track State and Federal road dynamics. The 2008 IRI data is a starting point that will be compared to future years to determine trends. In 2008 19.3 percent fall within 0-1 inches, 57.6 percent fall within 1-2 inches, 17.9 percent fall within 2-3 inches, 3.7 percent fall within 3-4 inches and finally 1.5 percent fall within 4-5 inches of the total Fond du Lac County State and Federal roads.

[3] *AASHTO Designation: PP 37-04*

Figure 3-3
Fond du Lac County IRI Ratings Percentage of Total Miles



Source: 2008, WisDOT data

Bridge Inspection and Ratings

Wisconsin's bridges are inspected every two years and sometimes more frequently depending on any known deficiencies. Bridge inspections can range from routine to in-depth contingent on the bridge's characteristics and needs. Bridge inspectors are trained to follow FHWA standards and guidelines. Smaller bridges can be inspected on foot, while larger bridges require a "reach all" vehicle with a jointed arm and bucket to provide a detail analysis. Inspectors survey the following bridge facets:

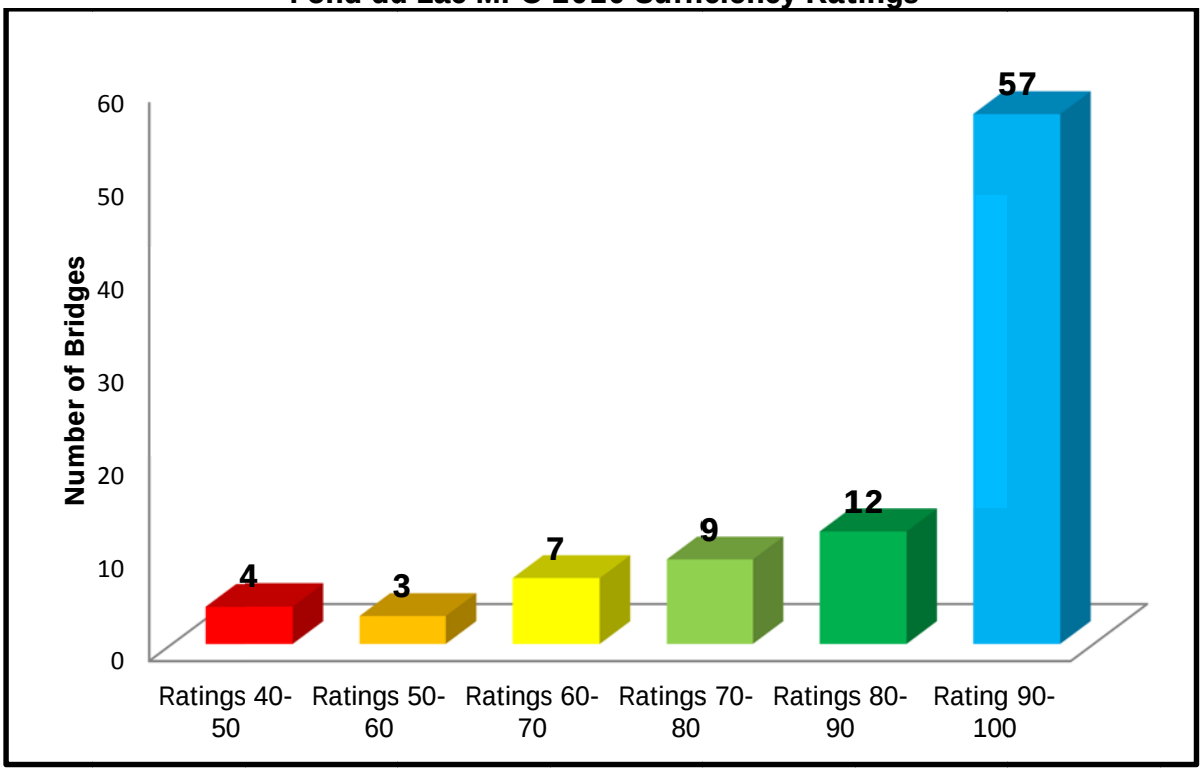
- The superstructure or beams that support the deck looking for cracks, rust, or any problems with bolts or rivets;
- The substructure units (which support the superstructure);
- Bridge approaches and the deck or surface of the bridge; and
- On bridges over large bodies of water, inspections require divers to check supporting piers.[4]

The information collected from the bridge inspection is used to assign the bridges with a Sufficiency Rating (SR). SR take into account 75 factors reviewed during the inspection. The SR ranges from 0 to 100 with 0 representing an in-sufficient or deficient bridge and 100 representing a sufficient bridge. Municipalities are eligible for rehabilitation funding with bridges with a SR of 80 or less and replacement funding with SR of 50 or less.

[4] http://www.dot.wisconsin.gov/projects/bridges/ September 20, 2010

In the Fond du Lac MPO area there are a total of 92 bridges with SR for 2010. There are 69 bridges (75 percent) that have SR 80 and above. There are 19 bridges (21 percent) qualify for rehabilitation funds and 4 (4 percent) qualify for replacement funds. Figure 3-4 displays the Fond du Lac MPO bridge SR distribution. Table 3-3 lists the 92 bridges, their location and SR.

Figure 3-4
Fond du Lac MPO 2010 Sufficiency Ratings



Source: 2010, WisDOT data

Table 3-3
Fond du Lac MPO 2010 Bridge Sufficiency Ratings

BRIDGE ID	VILLAGE/TOWN/CITY	OWNER	FEATURE ON	FEATURE UNDER	SUFFICIENCY RATING
P200718	C-FOND DU LAC	CITY	GROVE ST	W BR FOND DU LAC RIVER	45
P200713	C-FOND DU LAC	CITY	DOTY ST	E BR FOND DU LAC RIVER	48.7
B200018	C-FOND DU LAC	CITY	USH 151-WINNEBAGO DR	DE NEVEU CREEK	61.7
P200720	C-FOND DU LAC	CITY	PROMEN DR	LAKESIDE CREEK	61.9
B200010	C-FOND DU LAC	CITY	WESTERN ST	E BR FOND DU LAC RIVER	68.3
P200709	C-FOND DU LAC	CITY	ARNDT ST	FOND DU LAC RIVER	68.8
P200721	C-FOND DU LAC	CITY	PROMEN DR	LAKESIDE CREEK	74.4
B200046	C-FOND DU LAC	CITY	STH 23	BROOKE STREET	74.5
B200052	C-FOND DU LAC	CITY	USH 45-STH 175-SCOTT ST	FOND DU LAC RIVER	75.5
P200714	C-FOND DU LAC	CITY	1ST ST	E BR FOND DU LAC RIVER	78.4
P200711	C-FOND DU LAC	CITY	DIVISION ST	W BR FOND DU LAC RIVER	83.9
P200719	C-FOND DU LAC	CITY	HICKORY ST	W BR FOND DU LAC RIVER	85
P200716	C-FOND DU LAC	CITY	FOREST ST	E BR FOND DU LAC RIVER	85.5
P200728	C-FOND DU LAC	CITY	STOW ST	DE NEVEU CREEK	85.9
B200075	C-FOND DU LAC	CITY	STH 23	TAYCHEEDA CREEK	86.9
P200726	C-FOND DU LAC	CITY	2ND ST	DE NEVEU CREEK	89.3
P200725	C-FOND DU LAC	CITY	2ND ST	E BR FOND DU LAC RIVER	89.4
B200109	C-FOND DU LAC	CITY	4TH ST	DE NEVEU CREEK	94.4
P200712	C-FOND DU LAC	CITY	DIVISION ST	DE NEVEU CREEK	94.9
B200184	C-FOND DU LAC	CITY	MERRIL AVE	DE NEVEU CREEK	96.4
P200724	C-FOND DU LAC	CITY	SCOTT ST	DE NEVEU CREEK	96.4
P200727	C-FOND DU LAC	CITY	SEYMOUR ST	N BR FOND DU LAC RIVER	96.5
P200729	C-FOND DU LAC	CITY	W 12TH ST	E BR FOND DU LAC RIVER	96.5
B200150	C-FOND DU LAC	STATE	USH 151 NB	Taycheedah Creek	96.5
B200179	C-FOND DU LAC	CITY	Ducharne Parkway	Taycheedah Creek	97
P200730	C-FOND DU LAC	CITY	DIVISION ST	E BR FOND DU LAC RIVER	97.1
B200151	C-FOND DU LAC	STATE	USH 151 SB	Taycheedah Creek	97.1
B200101	C-FOND DU LAC	CITY	FOREST AVE	W BR FOND DU LAC RIVER	97.4

B200093	**C-FOND DU LAC**	**CITY**	**WESTERN AVE**	**W BR FOND DU LAC RIVER**	**97.5**
B200053	C-FOND DU LAC	CITY	STH 23-JOHNSON ST	DE NEVEU CREEK	97.6
B200081	C-FOND DU LAC	CITY	BROOKE ST	E BR FOND DU LAC RIVER	97.8
B200152	C-FOND DU LAC	STATE	USH 151 NB	STH 23	98.5
B200185	C-FOND DU LAC	CITY	9TH ST	E BR FOND DU LAC RIVER	98.6
B200182	C-FOND DU LAC	CITY	MARTIN RD	CANADIAN NATIONAL RR	98.6
B200183	C-FOND DU LAC	COUNTY	CTH VV	JENNAS DRAINAGE WAY	99.6
P200739	C-FOND DU LAC	CITY	S NATIONAL AVE	DENEVEU CREEK	99.8
B200153	C-FOND DU LAC	STATE	USH 151 SB	STH 23	100
B200068	T-BYRON	STATE	LOST ARROW RD	USH 41	97.5
P200935	T-EMPIRE	COUNTY	CTH "UU"	Taycheedah Crrek	69.9
B200020	T-EMPIRE	COUNTY	T	TAYCHEEDAH CREEK	76.3
B200019	T-EMPIRE	COUNTY	T	TAYCHEEDAH CREEK	78.8
B200015	T-EMPIRE	COUNTY	K	TAYCHEEDAH CREEK	79.1
P200090	T-FOND DU LAC	COUNTY	VV	E BR FOND DU LAC RIVER	40.5
P200091	T-FOND DU LAC	TOWN	HICKORY RD	E BR FOND DU LAC RIVER	55.4
B200446	T-FOND DU LAC	STATE	USH 151	LUCO CREEK	59.5
B200648	T-FOND DU LAC	STATE	USH 151	TAYCHEEDAH CREEK	59.5
B200051	T-FOND DU LAC	COUNTY	V	DE NEVEU CREEK	68.8
B200669	T-FOND DU LAC	STATE	USH 45	MARSHY CREEK	83.1
B200056	T-FOND DU LAC	COUNTY	VV	W BR FOND DU LAC RIVER	83.4
B200082	T-FOND DU LAC	TOWN	LRD Rogersville Road	W BR FOND DU LAC RIVER	87.4
P200056	T-FOND DU LAC	COUNTY	V	DE NEVEU CREEK	88.5
B200077	T-FOND DU LAC	COUNTY	CTH T	W BR FOND DU LAC RIVER	90
P200932	T-FOND DU LAC	TOWN	REINHARDT RD	DE NEVEC CR	90.4
B200126	T-FOND DU LAC	STATE	USH 151 SB	USH 41	93
B200058	T-FOND DU LAC	STATE	OOO	USH 41	93.6
B200147	T-FOND DU LAC	STATE	USH 45	151 NB	93.8
B200188	T-FOND DU LAC	TOWN	REINHARDT RD	DE NEVEU CREEK	94.8
B200055	T-FOND DU LAC	COUNTY	VVV	W BR FOND DU LAC RIVER	96
B200026	T-FOND DU LAC	STATE	USH 41 SB	W BR FOND DU LAC RIVER	96.5
B200074	T-FOND DU LAC	STATE	USH 45	DE NEVEU CREEK	97.4
B200096	T-FOND DU LAC	COUNTY	D	E BR FOND DU LAC RIVER	97.4

B200111	T-FOND DU LAC	STATE	HICKORY ST.	USH 41	97.5
B200162	T-FOND DU LAC	STATE	CTH D EB	USH 151 NB	97.6
B200163	T-FOND DU LAC	STATE	CTH D WB	USH 151 NB	97.9
B200149	T-FOND DU LAC	STATE	USH 151 SB	DENEVEU CR	98.5
B200148	T-FOND DU LAC	STATE	USH 151 NB	DENEVEU CR	98.9
B200158	T-FOND DU LAC	STATE	USH 151 NB	FOX VALLEY & WESTERN LTD	98.9
B200159	T-FOND DU LAC	STATE	USH 151 SB	FOX VALLEY & WESTERN LTD	98.9
B200069	T-FOND DU LAC	STATE	South Main Street	USH 41	99.6
B203832	T-FOND DU LAC	STATE	STH 175	151	99.8
B200166	T-FOND DU LAC	STATE	HICKORY ST	USH 151	99.8
B200164	T-FOND DU LAC	STATE	USH 151 NB	RIVER RD	99.8
B200165	T-FOND DU LAC	STATE	USH 151 SB	RIVER RD	99.8
B200080	T-FOND DU LAC	TOWN	RIVER RD	E BR FOND DU LAC RIVER	99.9
B200007	T-FOND DU LAC	STATE	USH 41 NB	W BR FOND DU LAC RIVER	100
B200113	T-FOND DU LAC	STATE	CTH D (Military RD)	USH 41	100
B200070	T-FOND DU LAC	STATE	USH 41 NB	East Br Fon Du Lac River	98
P200929	T-FRIENDSHIP	TOWN	MELODY LANE	ANDERSON CR	48
B200661	T-FRIENDSHIP	STATE	USH 45	MOSHER CREEK	78.5
B200059	T-FRIENDSHIP	STATE	CTH OO	USH 41	90.5
B200095	T-FRIENDSHIP	STATE	USH 45	ANDERSON CREEK	90.9
B200187	T-FRIENDSHIP	TOWN	MINNESOTA AVE	ANDERSON CREEK	94.9
B200060	T-FRIENDSHIP	STATE	TOWN LINE RD	USH 41	95.3
B200176	T-FRIENDSHIP	COUNTY	CTH RP	ANDERSON CREEK	95.6
P200930	T-FRIENDSHIP	COUNTY	CTH RP	unnamed creek	96.9
B200040	T-FRIENDSHIP	TOWN	MELODY LANE	ANDERSON CREEK	97
B200061	T-FRIENDSHIP	TOWN	PIONEER ROAD	ANDERSON CREEK	97.8
B200038	T-FRIENDSHIP	STATE	FARM ACCESS	ANDERSON CREEK	98
P200086	T-LAMARTINE	TOWN	TOWN LINE RD	W BR FOND DU LAC RIVER	74
P200736	V-NORTH FOND DU LAC	VILLAGE	MCKINLEY ST	MOSHER CREEK	62.4
P200732	V-NORTH FOND DU LAC	VILLAGE	MINNESOTA AVE	MOSHER CREEK	89
B200005	V-NORTH FOND DU LAC	VILLAGE	WISCONSIN AVE	MOSHER CREEK	98

Source: WisDOT, 2010

SUSTAINABILITY/LIVABILITY

Sustainable and livable are different concepts, but can coexist together. The concept of sustainability implies the capacity to endure while livability refers to the suitability of the human environment. Together they refer to a suitable human environment that can endure. In the transportation world that means creating a transportation network that adequately accommodates all users while enduring in the human environment. "Complete Streets" is an interdisciplinary approach to incorporate the needs of all users into the design of road construction projects.

Complete Streets

A "Complete Streets" concept is an approach to design roads that accommodate all users including bicyclist, pedestrians, mass transit, people with disabilities, the elderly, motorist, freight providers, and emergency responders. It also looks at existing and future land use and users that use the surrounding land. This concept attempts to create a safe, accessible and connected transportation network for all modes and users. Reference to "Complete Streets" concepts is included in Federal and State law.

Federal law (Title 23 U.S.C. 217) refers to bicycle transportation and pedestrian walkways. It states that walkways must be provided on bridges, considered in planning, cannot sever a route for bicyclists, and must consider safety of non-motorized traffic on new and reconstruction projects. Exceptions to bicycle transportation and pedestrian walkways requirements include the following:

1. Bicyclist and pedestrians are prohibited by law from using the roadway;
2. The cost of establishing bikeways or walkways would be excessively disproportionate to the need or probable use; and
3. Where sparsity of population or other factors indicate an absence of need.

State law states that the state department of transportation shall ensure that bike and pedestrian ways are established in all new highway construction and reconstruction projects funded in whole or in part from state funds or federal funds appropriated under s. 20.395 or 20.866. Exceptions to these rules are the following:

1. Bicyclist or pedestrians are prohibited by law from using the highway that is the subject of the project;
2. The cost of establishing bikeways or walkways would be excessively disproportionate to the need or probable use of the bikeways or pedestrian ways. For purposes of this subdivision, cost is excessively disproportionate if it exceeds 20 percent of the total project cost;
3. Establishing bike or pedestrian ways would have excessive negative impacts in a constrained environment;
4. There is an absence of need for the bikeways or pedestrian ways, as indicated by sparsity of population, traffic volume, or other factors; and
5. The community where bike and pedestrian ways are to be located refuses to accept an agreement to maintain them.

The Fond du Lac MPO supports "Complete Streets" through their goals, objectives and policies. The MPO also uses the components of the "Complete Streets" approach by including safety, multimodalism, and capacity as a criterion when selecting transportation projects for federal funding as part of the Transportation Improvement Program (TIP).

SAFE ROUTES TO SCHOOL

The Safe Routes to School (SRTS) Program is a new initiative that was included in 2005 in the SAFETEA-LU transportation bill. The program encourages and enables communities and school districts to create safe routes for students of all ages and abilities, K-8 to use to walk or bike to school. The SRTS program focuses on the five E's (Engineering, Encouragement, Education, Enforcement, and Evaluation) when addressing these issues and making future recommendations. This program not only encourages students to walk or bike to school, but also addresses childhood obesity and environmental impacts of students walking/biking to school.

The prevalence of obesity is becoming a serious problem for children in today's society. Obesity trends in adolescents have at least double since 1971 compared to 2008 figures.[5] In 1969, approximately 50 percent of children walked or bicycled to school, with approximately 87 percent of children living within one mile of school walking or bicycling. Today, fewer than 15 percent of school children walk or bicycle to school.[6] One way to reduce the number of overweight children is to encourage them to exercise and be active such as biking or walking to school. SRTS is a program that encourages communities and school districts to work together to develop safe routes to school to provide children with the necessary environment to live a healthy and safe lifestyle. Communities and school districts are encouraged through SRTS program to work together to prevent today's generation from being the first in over 200 years to live less healthy and shorter lifespans than their parents.[7]

Traffic congestion and safety is a concern for every community in today's auto dependent society. As much as 20 to 30 percent of morning traffic can be generated by parents driving their children to school.[8] SRTS projects focus on infrastructure improvements, traffic education for students, and driver enforcement that provide positive impacts on the safety of children many of whom already walk or bicycle to school in unsafe conditions.[9] By encouraging students to walk/bike to school, the program is also reducing the number of students that are dropped off or picked up by parents, therefore reducing the number of vehicles on road and increasing the safety around the school.

Grant money through WisDOT is available for communities to develop a SRTS Plan. Once a plan is developed, the community can apply for infrastructure or non-infrastructure funds through the SRTS program. These funds can be used for developing infrastructure or for education for parents, children, and the general public, encouragement activities or increased

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5 Centers for Disease Control and Prevention, http://www.cdc.gov/nchs/data/hestat/obesity_child_07_08/obesity_child_07_08.htm

6 http://www.saferoutespartnership.org/local/4149

7 S. Jay Olshansky, Ph. D., Douglas J. Passoro, M.D., Ronald C. Hershow, M.D., Jennifer Layden, M.P.H., Bruce A. Carnes, Ph. D., Jacob Brody, M.D., Leonard Hayflick, Ph. D., Robert N. Butler, M.D., David B. Allison, Ph. D., and David S. Ludwig, M.D., Ph. D., "A Potential Decline in Life Expectancy in the United States in the 21st Century," New England Journal of medicine: Volume 352: 1138-1145, March 17, 2005

8 http://www.saferoutespartnership.org/local/4149

9 http://www.saferoutespartnership.org/mediacenter/quickfacts

law enforcement. This program is 100 percent funded. The state of Wisconsin has received approximately $10 million dollars for 2005-2009.[10]

The Fond du Lac Area School District began the Safe Kids Campaign in 2005. The committee developed a parent pledge program, public service announcements, and a media campaign. The committee does bike and walk audits at each of the schools annually. In 2010, the Fond du Lac Area School District was awarded Wisconsin Department of Transportation funds to provide school zone feedback signs at each of the schools, develop a golden sneaker program, develop a walking school bus program, and provide increase enforcement during pick up and drop off times at the participating schools. The Fond du Lac Area School District is also participating in the Regional SRTS program and has a SRTS plan in place. The following schools from Fond du Lac County are participating:

Fond du Lac Area School District (Fond du Lac County)

- Chegwin Elementary School
- Evans Elementary School
- Lakeshore Elementary School
- Parkside Elementary School
- Pier Elementary School
- Riverside Elementary School
- Roberts Elementary School
- Rosenow Elementary School
- Waters Elementary School
- Sabish Middle School
- Theisen Middle School
- Woodworth Middle School

TRANSIT

Service Area

The Fond du Lac Area Transit System (FDLAT) provides transit services exclusively within the City of Fond du Lac. The fixed route system is comprised of eight fixed routes (#10, #20, #35, #40, #45, #55, #60, and #70) and one school tripper route (#120). JOBTRANS, a shared ride taxi service, is also available in designated portions of the City of Fond du Lac and the Village of North Fond du Lac. HANDIVAN is a curb to curb wheelchair lift-equipped paratransit service also administered by FDLAT. An overview of the service area is provided in Exhibit 3-3.

Service Characteristics

Fixed Routes

Individual route maps are included in Exhibits 3-4a - 3-4j.

[10] http://www.saferoutespartnership.org/state/366582/wisconsin

Ridership

Since 1973, the Fond du Lac Area Transit System has transported over 10 million passengers, with a peak ridership year of 1981 with over 456,000 passengers. Since 2001, fixed route ridership has drastically decreased, although ridership has increased since 2004. As noted in Table 3-4, there were roughly 187,531 unlinked passengers in 2001 compared to roughly 151,761 unlinked passengers in 2006. Unlinked passengers represent the total number of boardings, including all transfers on the system, while revenue passengers represent the total number of boardings which generate revenue. Revenue miles represent the number of miles the bus is in service carrying passengers, while generating revenue. A drastic decrease in ridership between 2002 and 2003 occurred due to major cuts in service with the loss of 36.7 percent of the system's federal aid and 31.9 percent of state aid by reaching urbanized area designation (50,000 or more people) with the processing of the 2000 U.S. Census. Up until July of 2004, fixed route service was contracted out to the Village of North Fond du Lac. Ridership figures since 2001 for this service are listed in Table 3-5.

TABLE 3-4
FIXED ROUTE RIDERSHIP TRENDS

Year	Revenue Passengers	Unlinked Passengers	Revenue Miles
2001	149,237	187,531	**235,299**
2002	141,324	175,111	**244,384**
2003	92,611	116,791	**124,724**
2004	84,268	108,860	**124,404**
2005	91,912	116,869	**139,012**
2006	**95,619**	**151,761**	**138,517**

Source: Fond du Lace Transit Development Plan, 2009

TABLE 3-5
NORTH FOND DU LAC FIXED ROUTE RIDERSHIP TRENDS

Year	Revenue Passengers	Unlinked Passengers	Revenue Miles
2001	12,034	15,093	**33,666**
2002	12,349	15,863	**59,246**
2003	*4,308	*5,453	***17,909**
2004	NA	NA	**NA**
2005	NA	NA	**NA**
2006	**NA**	**NA**	**NA**

Source: Fond du Lace Transit Development Plan, 2009
* North Fond du Lac fixed route service was discontinued on July 1st, 2004.

There are several reasons associated with the fluctuations in transit ridership. Ridership decreases from 2002 to 2003 are primarily the result of the funding cuts due to the US Census MPO designation of the Fond du Lac area. Other contributing factors include increased auto ownership and higher incomes, movement of business and residential activity to outlying areas, dispersing travel patterns and a shift in social priorities. Ridership increases from 2004 to 2006 attributed to increased gas prices, traffic congestion, reduction of greenhouse gases and a struggling economy.

Paratransit

For those unable to use the fixed route transit system, the Fond du Lac Area Transit System offers lift equipped van service. This curb to curb service only serves individuals which are eligible under the Americans with Disabilities Act (ADA) of 1990. The Americans with Disabilities Act of 1990 (ADA) requires bus systems to provide complimentary paratransit service for those persons who cannot utilize the fixed route system due to a disability.

This service is contracted by the City of Fond du Lac with a private provider. This service operates anywhere within the Fond du Lac Area Transit System service area and during the same hours, as required by the ADA. Going beyond these requirements, HANDIVAN also offers evening service to those that are ADA eligible. Although ADA allows a transit system to charge twice the full cash fare as a fixed route system for paratransit service, HANDIVAN fares are $1.50 a ride. Attendants assisting service users are not required to pay a fare. Trip reservations for the service should be made by 3:00 PM of the prior day that the service is requested for, although same day requests for paratransit service is available if vehicle schedules and capacity permit. Routine service appointments must be confirmed every two weeks. Paratransit service is eligible for the same federal and state aids as fixed-route service. Paratransit ridership has declined since 2001, while revenue miles have fluctuated. Ridership figures since 2001 are listed in Table 3-6.

TABLE 3-6
HANDIVAN PARATRANSIT RIDERSHIP

Year	Revenue Passengers	Unlinked Passengers	Revenue Miles
2001	20,680	20,680	**101,130**
2002	19,784	19,784	**103,209**
2003	17,297	17,297	**104,318**
2004	15,814	15,814	**101,614**
2005	15,797	15,797	**103,133**
2006	**15,767**	**15,767**	**98,089**

Source: Fond du Lace Transit Development Plan, 2009

Non ADA

TABLE 3-7
NON-ADA RIDERSHIP

Year	Revenue Passengers	Unlinked Passengers	Revenue Miles
2001	34,033	34,033	**64,387**
2002	31,926	31,926	**68,452**
2003	34,161	34,161	**78,489**
2004	24,600	24,600	**78,178**
2005	32,582	32,582	**88,078**
2006	**29,369**	**29,369**	**86,918**

Source: Fond du Lace Transit Development Plan, 2009

School Tripper

The Fond du Lac Area Transit System offers one bus route (#120), contracted through a private provider, to the High School at school start and dismissal times. Route #120 has a route mileage of 6.6 miles. Table 3-8 shows school tripper ridership from 2001 to 2006. Other schools, including the junior high schools, are served by fixed route buses.

TABLE 3-8
SCHOOL TRIPPER RIDERSHIP

Year	Revenue Passengers	Unlinked Passengers	Revenue Miles
2001	19,873	21,738	**20,426**
2002	26,273	30,602	**29,043**
2003	7,709	7,978	**8,866**
2004	7,874	9,080	**7,268**
2005	9,615	11,002	**9,033**
2006	**9,260**	**10,521**	**7,975**

Source: Fond du Lace Transit Development Plan, 2009

One potential reason for the fluctuation in the school tripper ridership is the loss of ridership from the discontinued service to the Village of North Fond du Lac in July of 2004.

JOBTRANS

JOBTRANS is a demand responsive, shared ride taxi service available through the Fond du Lac Area Transit System (FDLAT). Eligible trips for this service have an origin or destination within the City of Fond du Lac, but at least ¾ of mile from a bus route or within the Village of North Fond du Lac corporate limits. Fares for the JOBTRANS service are $4.00 for adults ($3.25 with a FDLAT Monthly Pass) and $2.00 for children (under age 6), the elderly, and the disabled. The service hours for JOBTRANS are the same as the fixed route system (6:00 AM to 6:30 PM). Service is also provide in the Village of North Fond du Lac on Saturdays from 8:00 AM to 5:30 PM. JOBTRANS has been contracted through Budget Cab since August of 2006. Previous service providers have included Quality Cab (August 2001 – July 2006) and City Taxi (January 2001 – July 2001). Current operations include a fleet of six minivans.

TABLE 3-9
JOBTRANS RIDERSHIP

Year	Revenue Passengers	Unlinked Passengers	Revenue Miles
2001	5,324	5,324	**17,952**
2002	3,136	3,136	**16,056**
2003	7,160	7,160	**23,256**
2004	12,191	12,191	**41,824**
2005	11,500	11,500	**40,683**
2006	**13,461**	**13,461**	**51,014**

Source: Fond du Lace Transit Development Plan, 2009

The increase in 2004 to 2006 in JOBTRANS ridership could be due to the increase in demand from the Village of North Fond du Lac due to the loss of transit service in 2004.

Total Ridership

Total ridership, both revenue passengers and unlinked trips, for the entire FDLAT system from 2001 to 2006 are listed below in Table 3-10. Total revenue miles for the same time period are also listed.

TABLE 3-10
TOTAL FDLAT RIDERSHIP

Year	Total Ridership (Revenue Passengers)	Total Ridership (Unlinked Trips)	Total Revenue Miles
2001	241,181	284,399	**472,860**
2002	234,792	276,422	**520,390**
2003	158,938	188,840	**357,562**
2004	144,747	170,545	**353,288**
2005	161,406	187,750	**379,939**
2006	**161,607**	**220,879**	**382,513**

Source: Fond du Lace Transit Development Plan, 2009

Funding and Revenues

Table 3-11 (in dollar amounts) and Table 3-12 (as a percentage) show the trends in funding and revenues from 2001 to 2006. Steady decreases in revenue and funding occurred annually from 2001 to 2004, but have rebounded through 2006. Substantial federal and state cuts occurred in 2003 when the City of Fond du Lac and surrounding municipalities reached urbanized area status (50,000 or more people) with the processing of the 2000 U.S. Census. Passenger revenues by service are displayed in Table 3-13.

TABLE 3-11
FUNDING AND REVENUES SOURCES ($)

Operating Year	Operating Revenue	North Fond du Lac	Federal Share	State Share	Local Share	County Share	Other Revenue	Total Revenue
2001	$181,103	$27,719	$517,993	$614,825	$206,098	$70,123	$0	**$1,617,861**
2002	$186,435	$23,144	$525,503	$547,917	$237,846	$71,064	$0	**$1,591,909**
2003	$163,485	$29,233	$404,066	$381,922	$250,759	$79,070	$3,000	**$1,311,535**
2004	$184,126	$24,776	$415,082	$404,844	$148,401	$54,566	$10,000	**$1,241,795**
2005	$191,066	$26,000	$416,758	$432,753	$291,872	$73,463	$12,000	**$1,443,912**
2006	**$200,966**	**$27,300**	**$485,210**	**$405,376**	**$310,336**	**$73,500**	**$15,000**	**$1,517,688**

Source: Fond du Lace Transit Development Plan, 2009

TABLE 3-12
FUNDING AND REVENUE SOURCES (%)

Operating Year	Operating Revenues	North Fond du Lac	Federal Share	State Share	Local Share	County Share	Other Revenue
2001	11%	2%	32%	38%	13%	4%	**0%**
2002	12%	1%	33%	34%	15%	5%	**0%**
2003	12%	2%	31%	29%	19%	6%	**1%**
2004	15%	2%	33%	33%	12%	4%	**1%**
2005	13%	2%	29%	30%	20%	5%	**1%**
2006	**13%**	**2%**	**32%**	**27%**	**20%**	**5%**	**1%**

Source: Fond du Lace Transit Development Plan, 2009

TABLE 3-13
FDLAT PASSENGER REVENUES BY SERVICE

Operating Year	Fixed Route	ADA	JOBTRANS	School Tripper
2001	$96,525	$53,746	$13,215	**$13,258**
2002	$105,348	$50,223	$8,738	**$17,604**
2003	$88,897	$43,249	$22,930	**$8,409**
2004	$82,001	$77,696	$34,008	**$4,073**
2005	$83,205	$72,665	$29,968	**$5,228**
2006	**$88,681**	**$67,704**	**$38,630**	**$5,951**

Source: Fond du Lace Transit Development Plan, 2009

Expenses

TABLE 3-14
FDLAT EXPENSES BY SERVICE

Operating Year	Fixed Route	ADA	JOBTRANS	School Tripper	Total
2001	$1,069,266	$355,783	$41,772	$121,040	**$1,587,861**
2002	$1,088,870	$371,532	$18,741	$132,316	**$1,611,459**
2003	$781,463	$377,709	$46,988	$34,212	**$1,240,372**
2004	$724,284	$399,187	$86,815	$31,508	**$1,241,794**
2005	$896,027	$424,381	$89,996	$33,508	**$1,443,912**
2006	**$937,643**	**$446,335**	**$97,834**	**$35,876**	**$1,517,688**

Source: Fond du Lace Transit Development Plan, 2009

FREIGHT

Center for Freight and Infrastructure Research and Education

The Fond du Lac MPO and the Transportation and Urban Systems Analysis Laboratory (TUSALAB) are cooperating to study freight transportation patterns in the Northeast Wisconsin Region to determine the current and future needs of the areas stakeholders. This research

project is jointly sponsored by WisDOT and the National Center for Freight and Infrastructure Research and Education (C-FIRE) at the University of Wisconsin Madison. The purpose of the study is to predict the freight needs and patterns for the area stakeholders. This will be accomplished by gaining an in-depth understanding of how freight stakeholders make decisions in their different roles regarding goods movement and how they interact with each other. The goal is to develop freight forecasting methods of enhanced behavioral realism and policy sensitivity to better support freight infrastructure investment and policy making in the future. The study data will be collected through surveys developed and administered by C-FIRE.

Fox River Lock System

The Lower Fox is a 39 mile long river controlled by 17 wooden hand operated locks and 4 dams. At one time, the Lower and Upper Fox River was a thriving transportation route, moving passengers and freight from the Port of Green Bay to Lake Winnebago to Portage. However, with the development of the railroads the Fox River commercial transport business ceased to be relevant. In 1983 the U.S. Army Corps of Engineers closed the Fox River lock system to commercial traffic. All but 3 out of the 17 locks were abandoned and left to slowly decay until 2001 when the State of Wisconsin took over the lock system and began restoration.

Today, the Fox River Lock System is not only an important historical asset and transportation network for tourism and recreation, but a foundation of a once thriving commercial transport network. If the current modes of commercial transportation can no longer support the demand of the freight users, then the Fox River lock system should be considered as a viable solution to meet future transportation needs.

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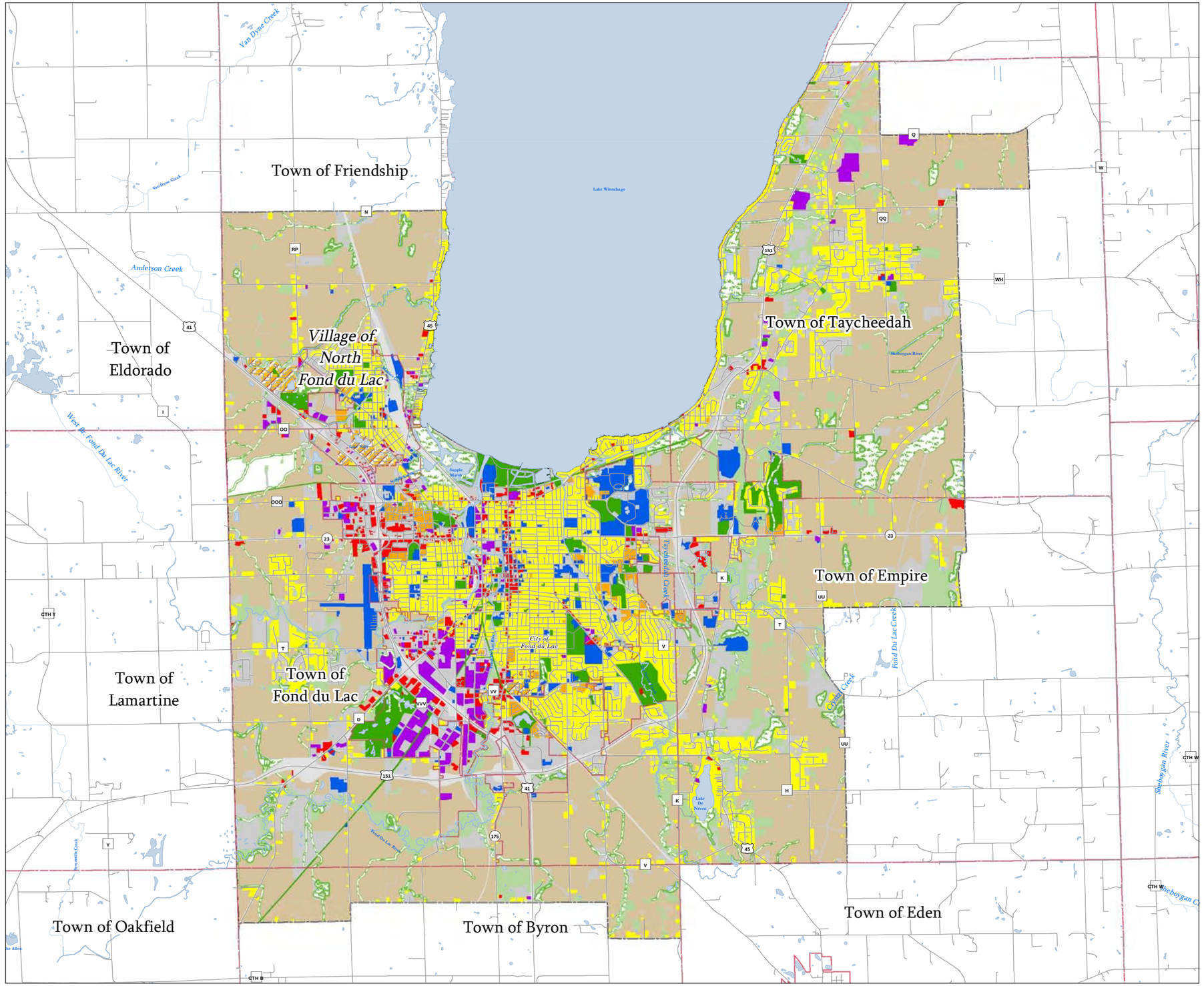

Exhibit 3-1

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Existing Land Use (2010)

- Municipality Boundaries
- 2000 Metropolitan Planning Area
- Single Family Residential
- Multi-Family Residential
- Mobile Home Parks
- Commercial
- Industrial
- Public / Institutional
- Recreation / Open Space
- Woodlands
- Wetlands / Resource Protection
- Open Water
- Agricultural
- Vacant / Undeveloped

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. ECWRPC provided the 2010 land use.

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Scale in Miles

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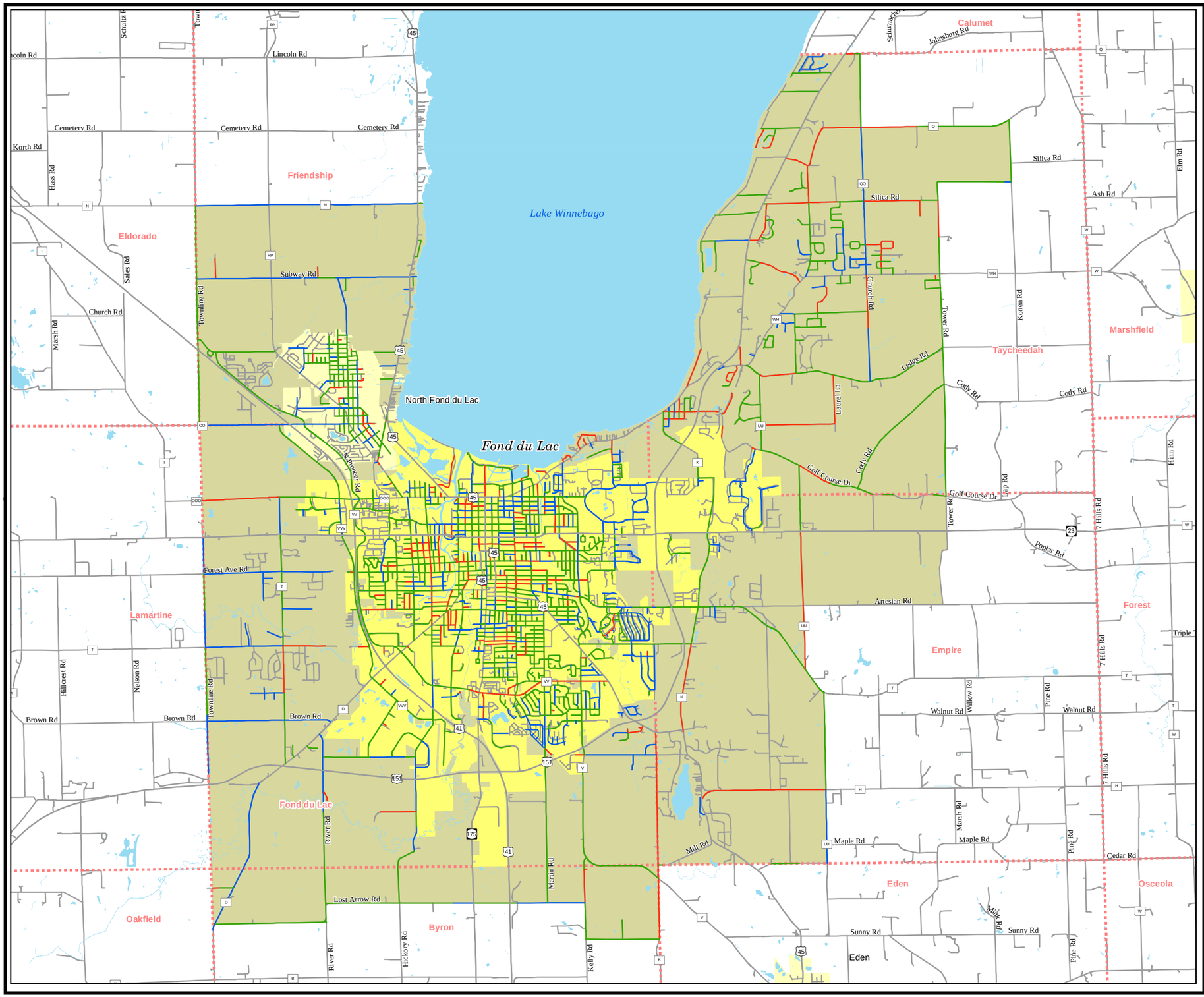

EXHIBIT 3-2a
PASER RATINGS
FOND DU LAC MPO
2005

- Poor
- Fair
- Good
- Not Rated
- Town
- City
- Village
- Planning Area Boundary

Source: Base Data provided by Fond du Lac County.
Pavement Ratings from WisDOT - WISLR

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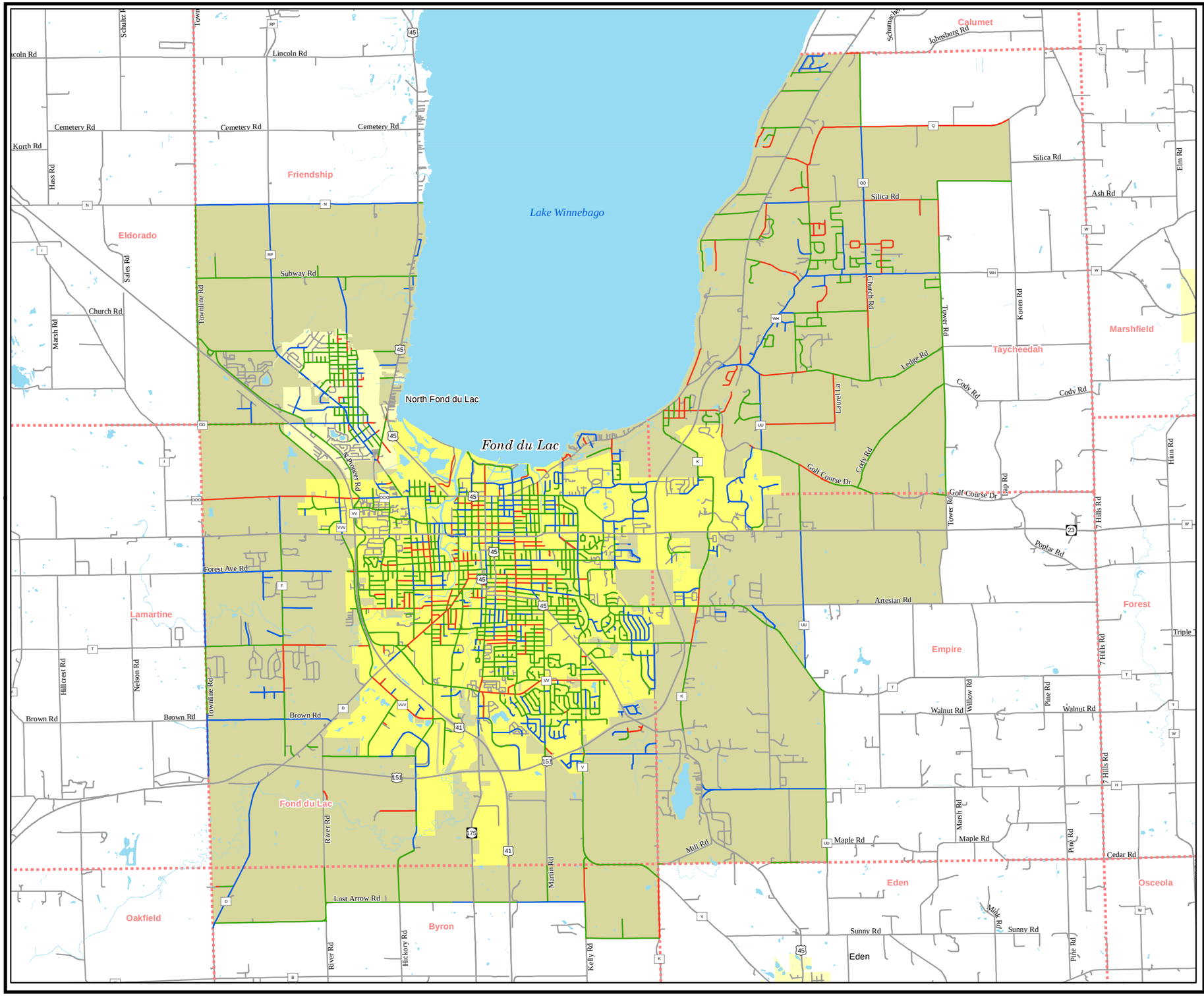

EXHIBIT 3-2b
PASER RATINGS
FOND DU LAC MPO
2007

- Poor
- Fair
- Good
- Not Rated
- Town
- City
- Village
- Planning Area Boundary

Source: Base Data provided by Fond du Lac County.
Pavement Ratings from WisDOT - WISLR

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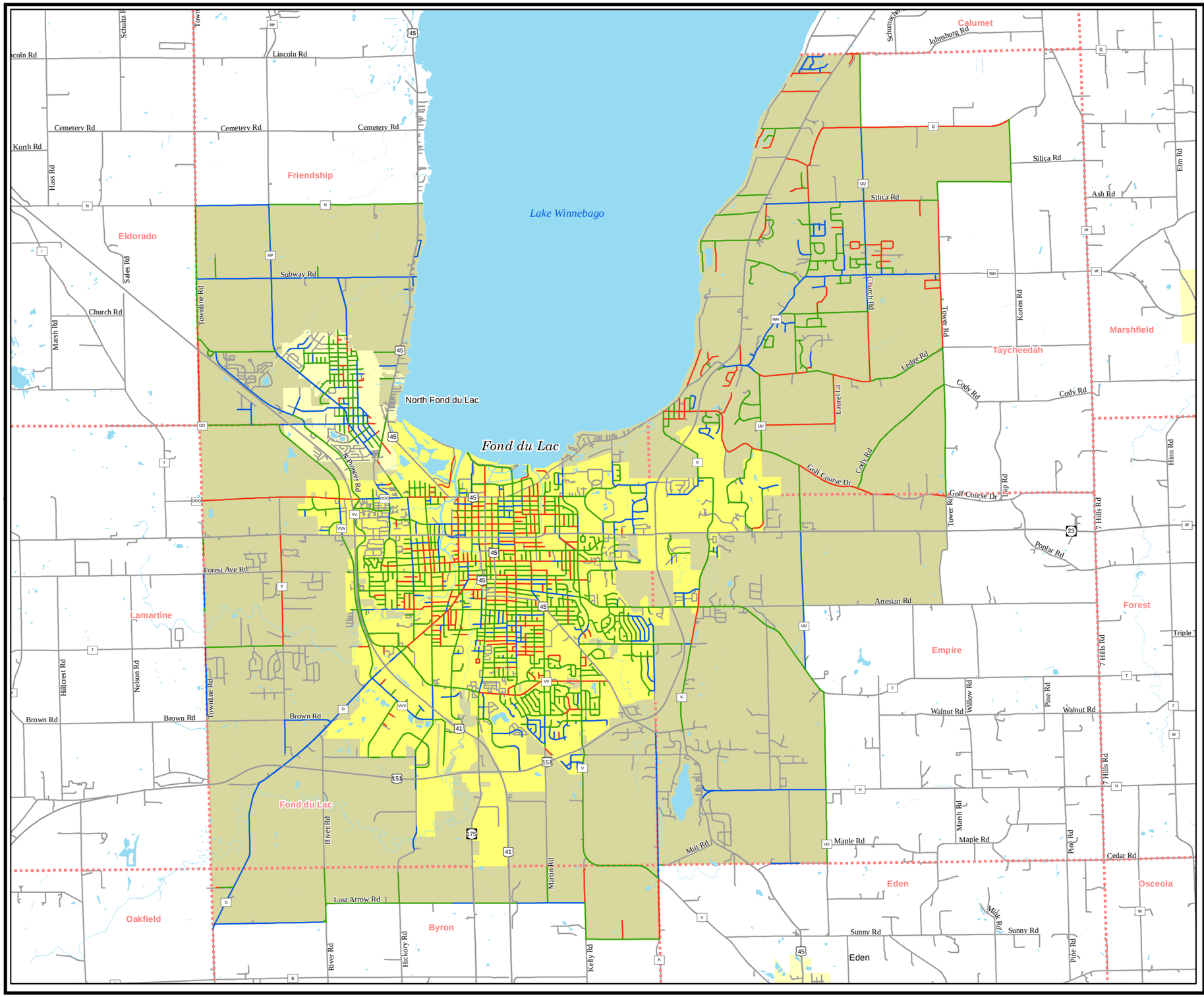

EXHIBIT 3-2c
PASER RATINGS
FOND DU LAC MPO
2009

- Poor
- Fair
- Good
- Not Rated
- Town
- City
- Village
- Planning Area Boundary

Source: Base Data provided by Fond du Lac County.
Pavement Ratings from WisDOT - WISLR

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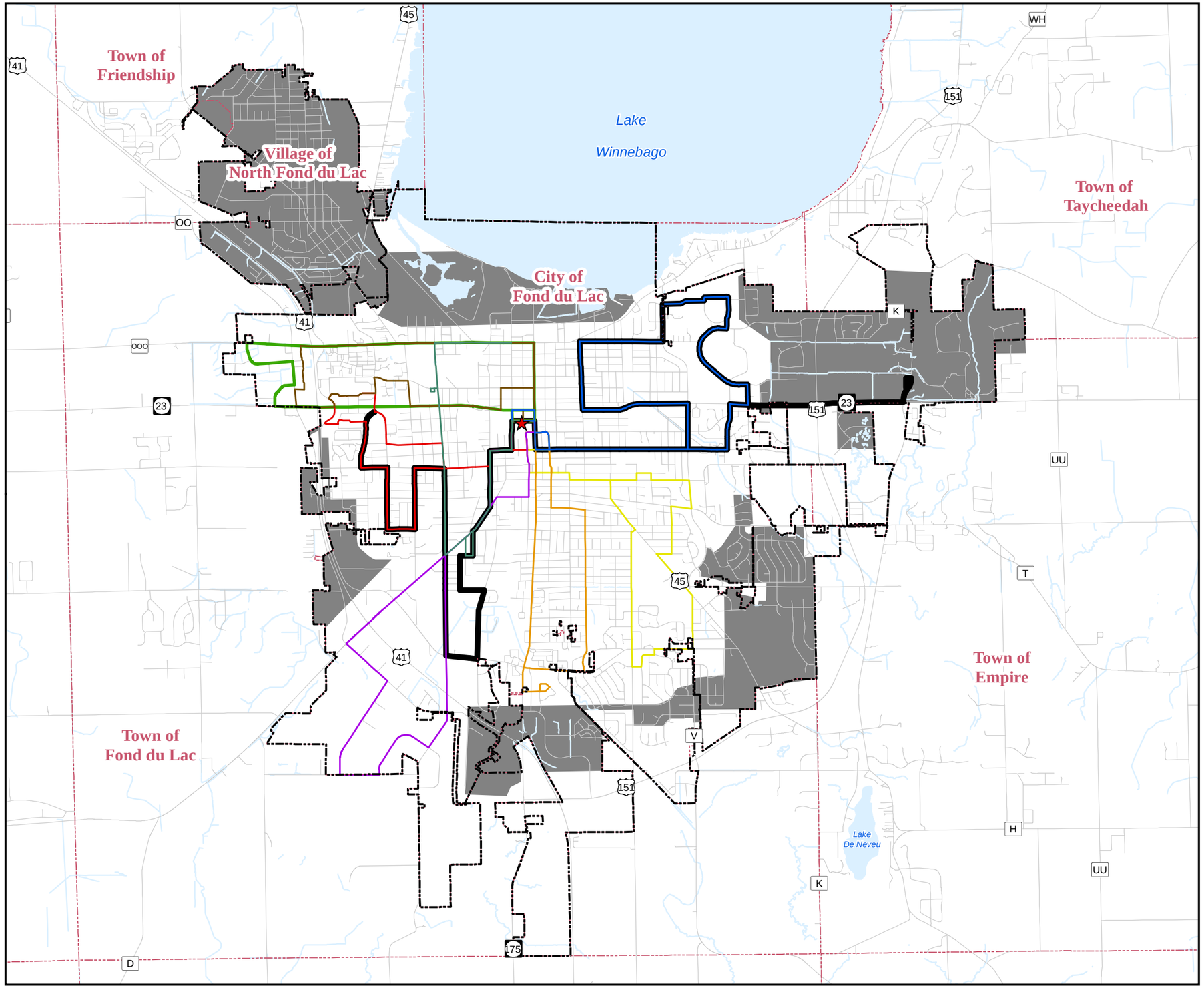

Exhibit 3-3
Existing Fond du Lac Area Transit System

- Transit Center
- Route 10
- Route 20
- Route 60
- Route 45
- Route 55
- Route 40
- Route 35
- Route 70
- Route 120
- Road Centerline
- Jobtrans Area
- Water

* Handivan Service is provided within a 3/4 mile buffer of a fixed route within the City of Fond du Lac and the Village of North Fond du Lac limits.

Source: Digital base data provided by Fond du Lac Co., 2007. Route data created from Fond du Lac Transit data, 2007.

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Scale in Miles

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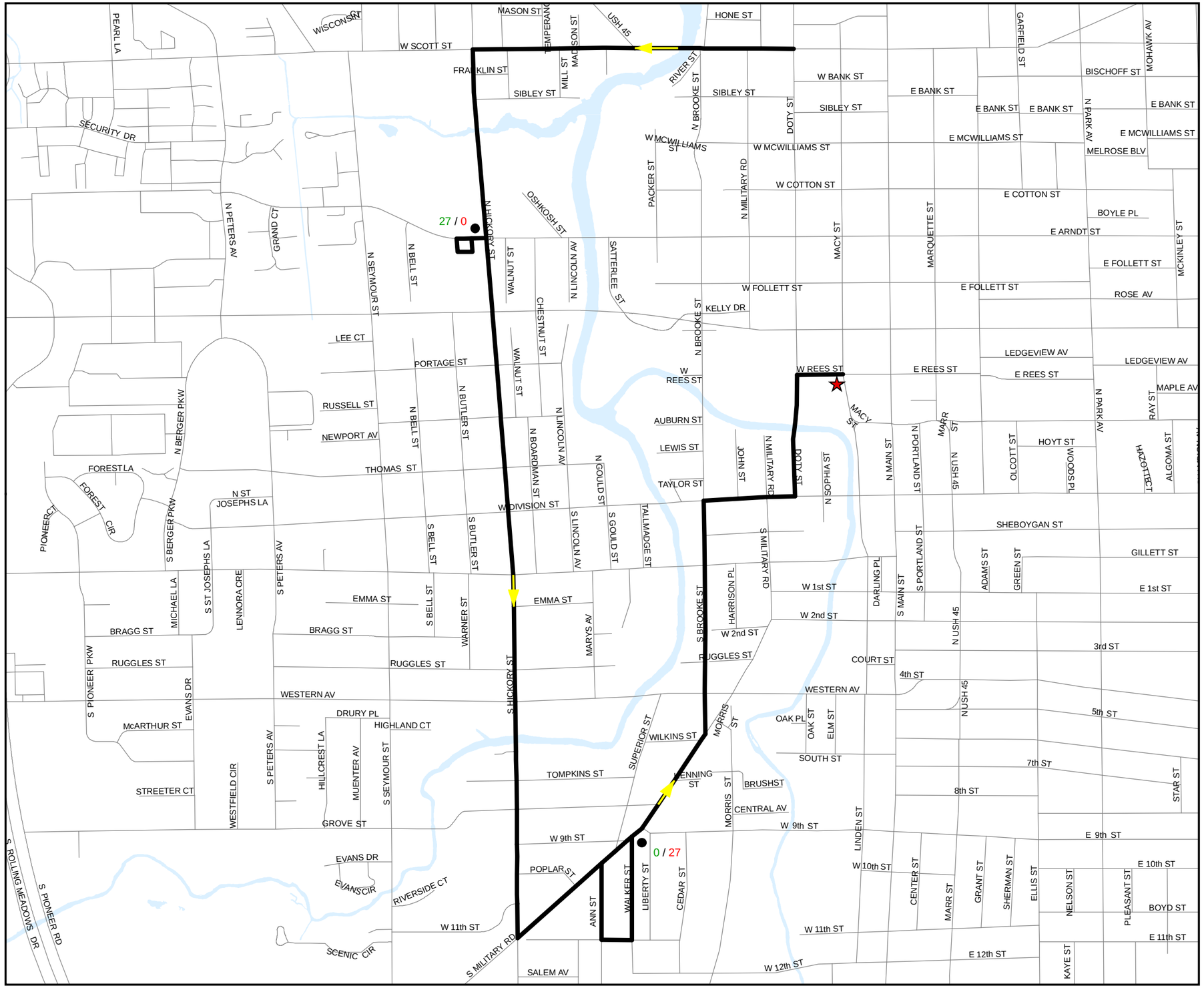

Exhibit 3-4a

Fond du Lac Transit System
Route 10

- Transit Center
- Route 10
- Road Centerline
- Boarding/Alighting
- Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

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Scale in Feet

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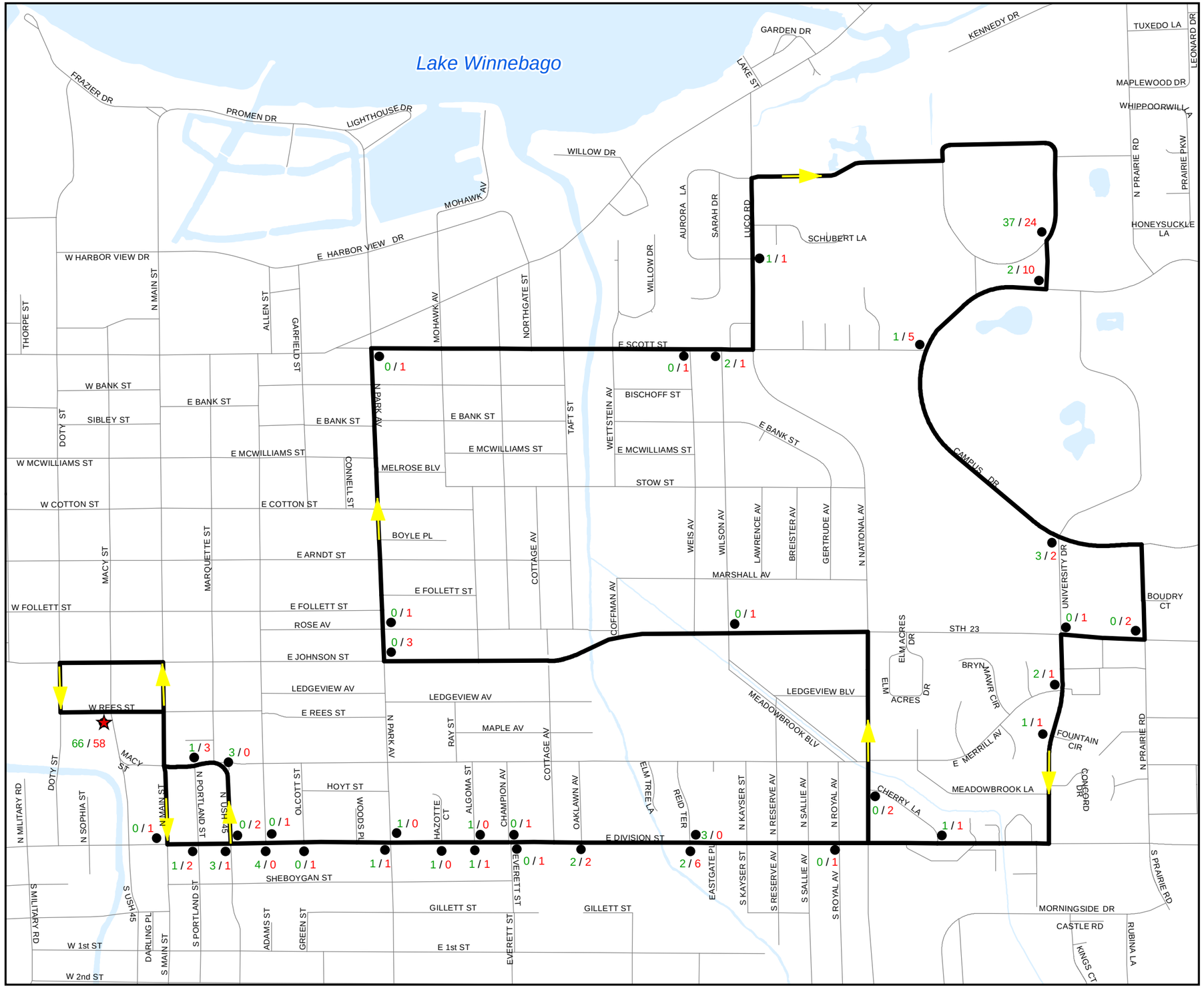
Exhibit 3-4b

Fond du Lac Transit System
Route 20



Transit Center
Route 20
Road Centerline
Boarding/Alighting
Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

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Scale in Feet

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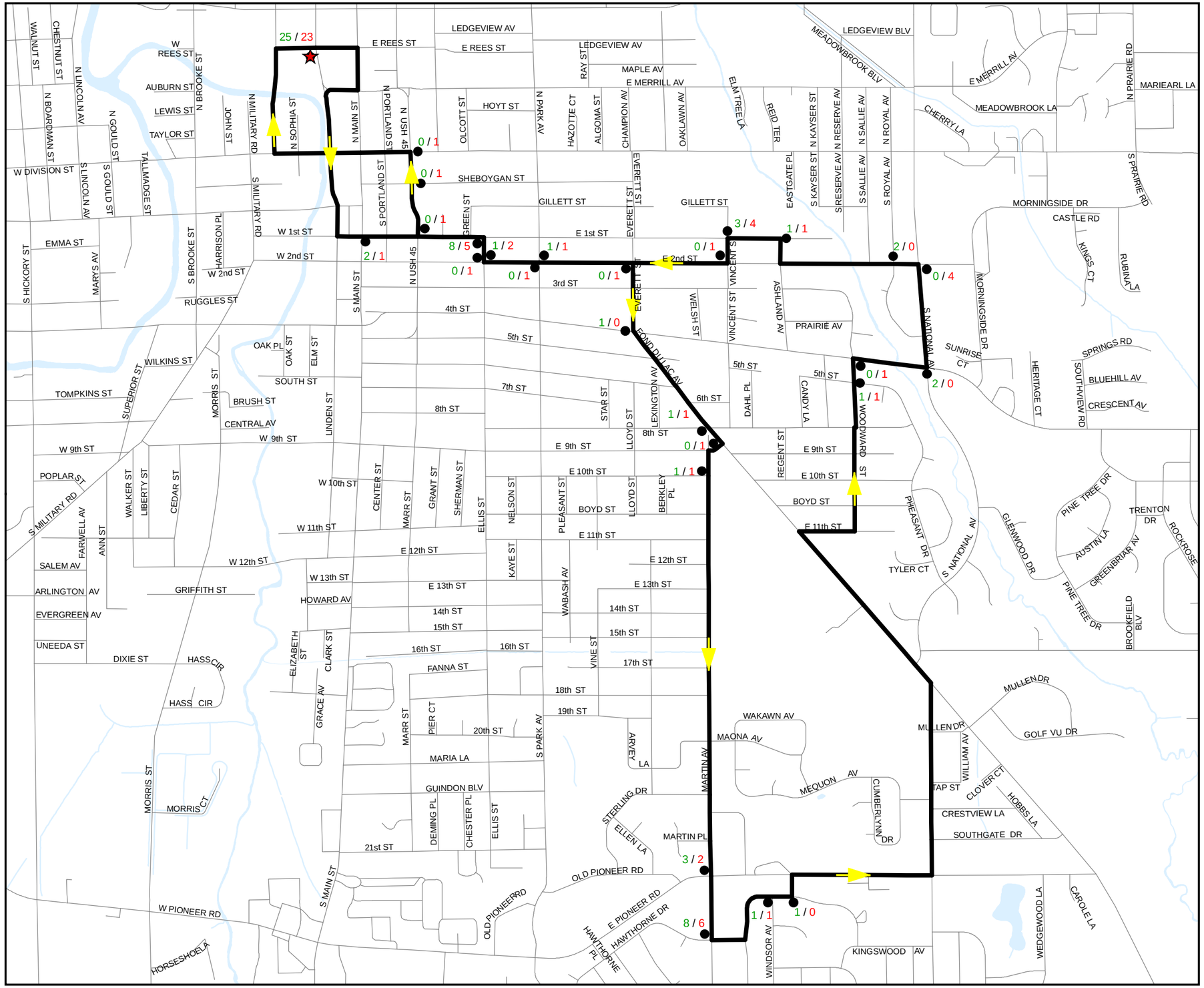

Exhibit 3-4c

Fond du Lac Transit System Route 35

- Transit Center
- Route 35
- Road Centerline
- Boarding/Alighting
- Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

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Scale in Feet

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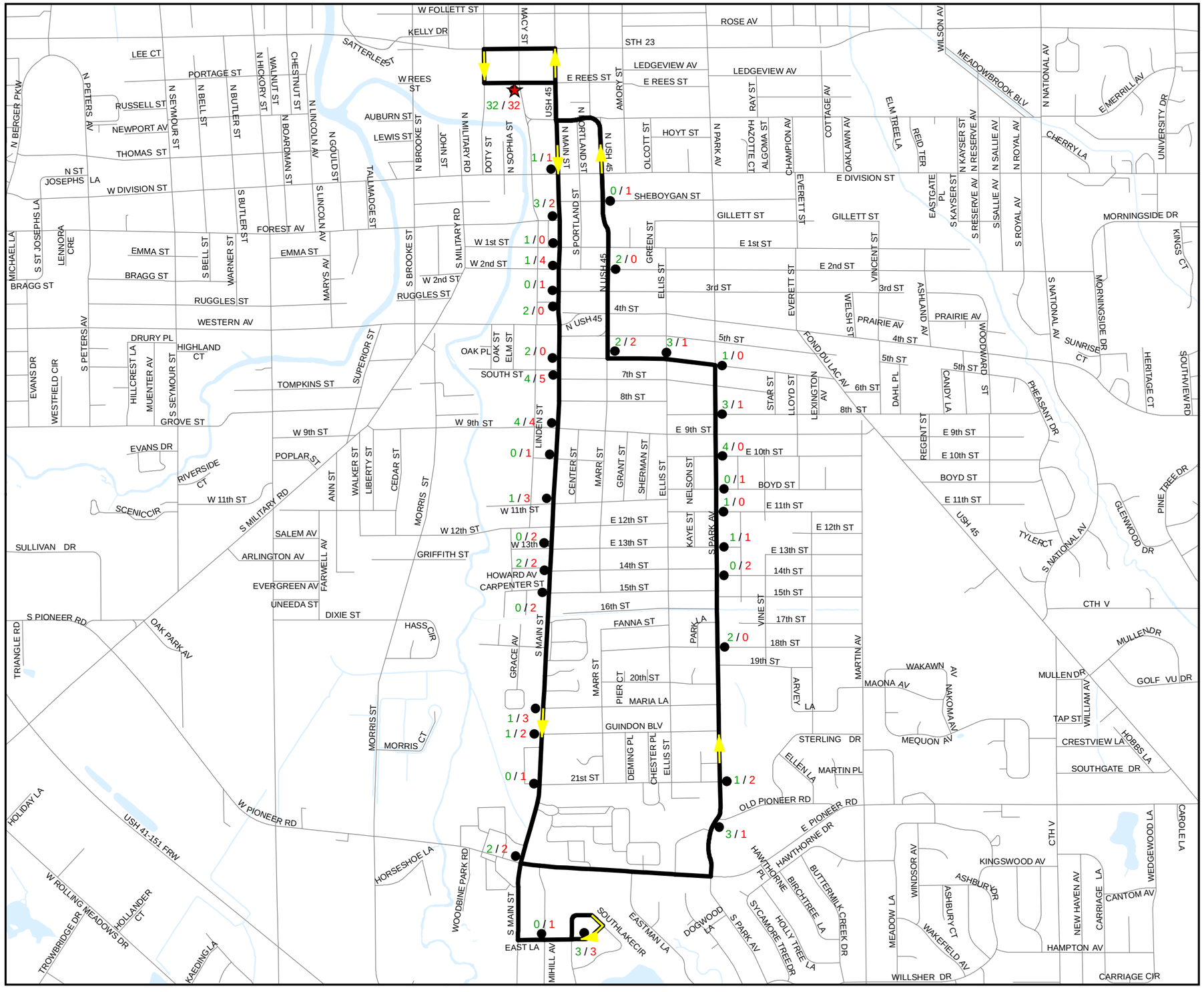
Exhibit 3-4d

Fond du Lac Transit System
Route 40



Transit Center

Route 40

Road Centerline

Boarding/Alighting

Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

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Scale in Feet

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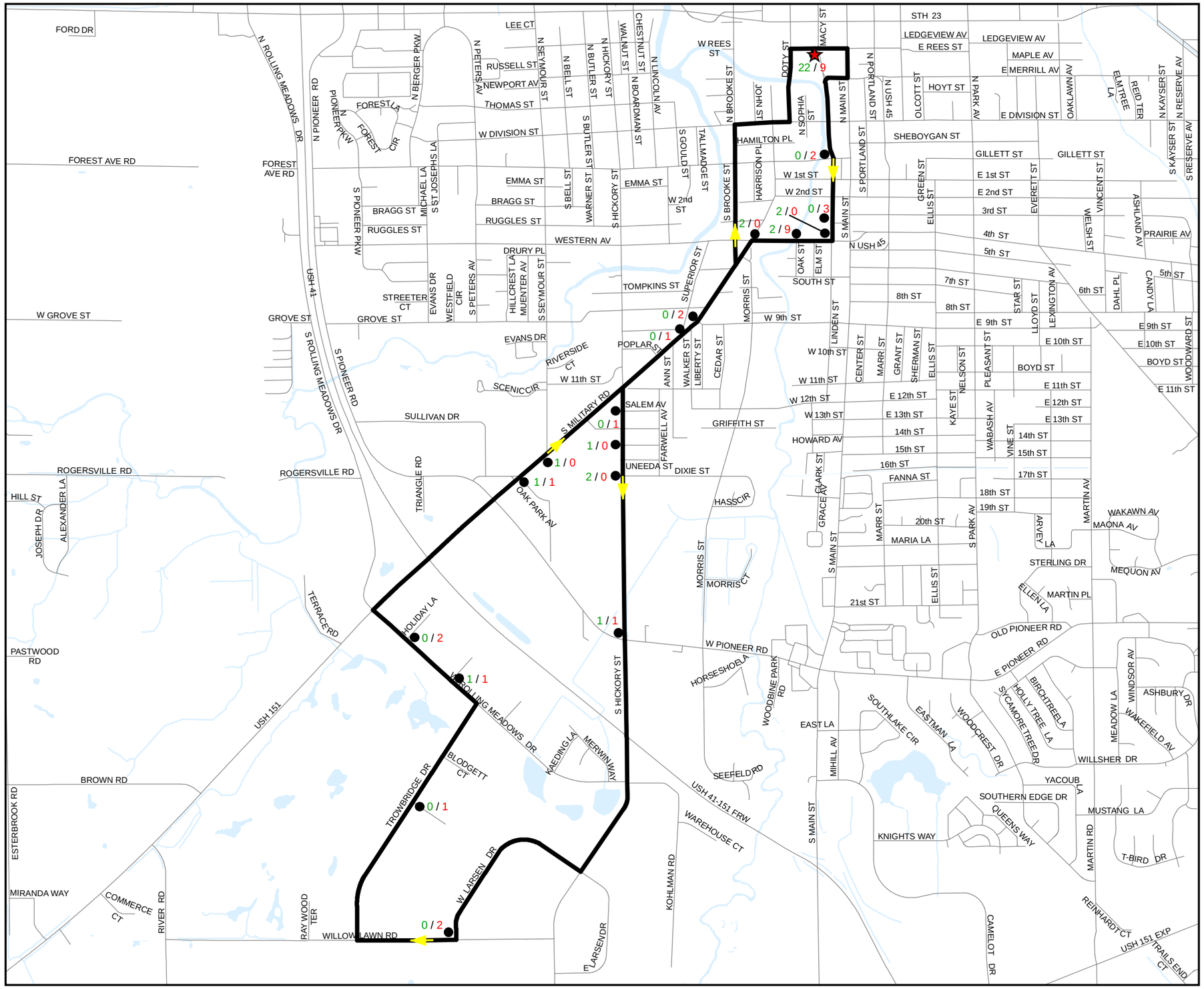

Exhibit 3-4e

Fond du Lac Transit System Route 45

- Transit Center
- Route 45
- Road Centerline
- Boarding/Alighting
- Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

N W E S

0 500 1,000 2,000
Scale in Feet

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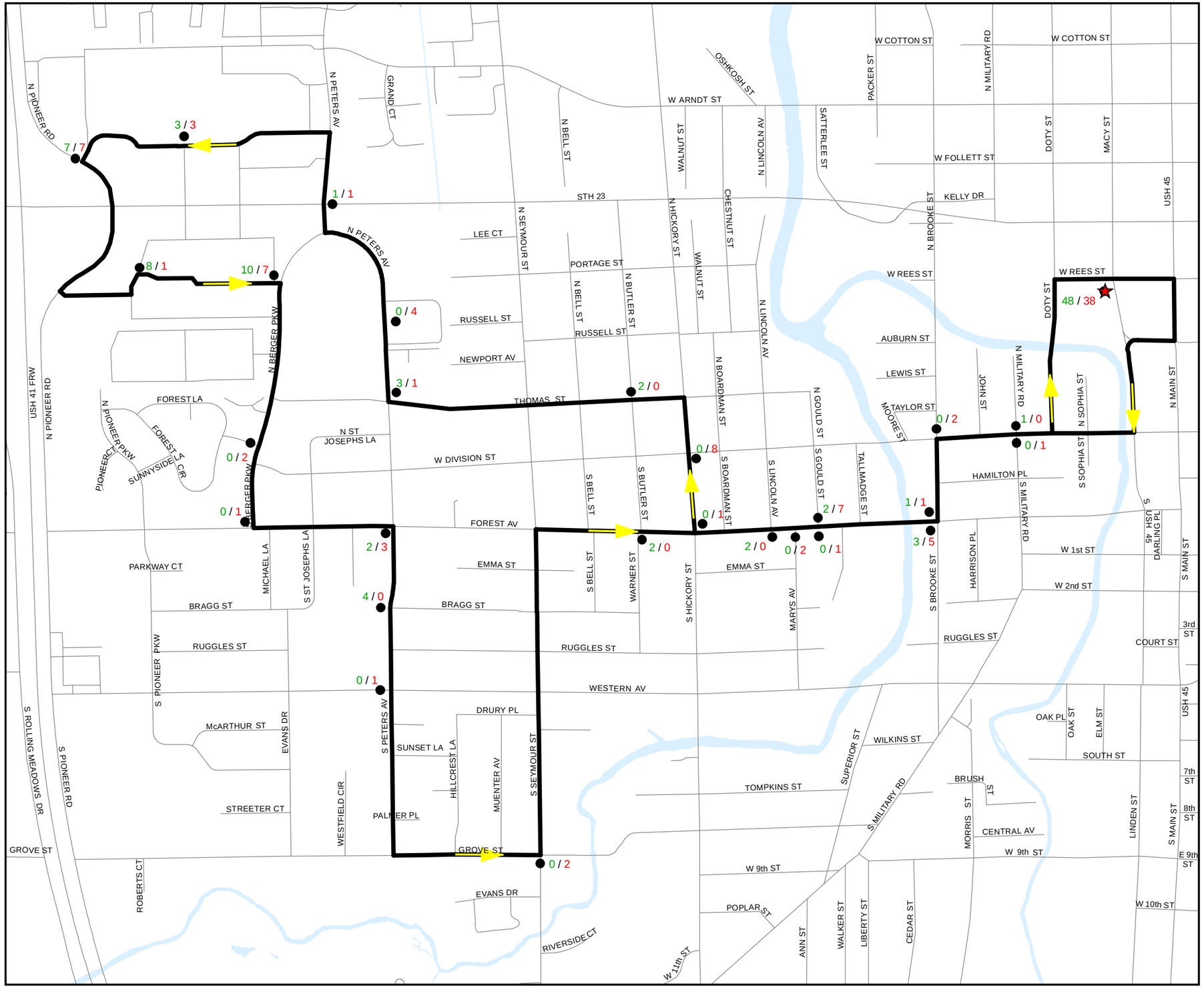

Exhibit 3-4f

Fond du Lac Transit System Route 55

- Transit Center
- Route 55
- Road Centerline
- Boarding/Alighting
- Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

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Scale in Feet

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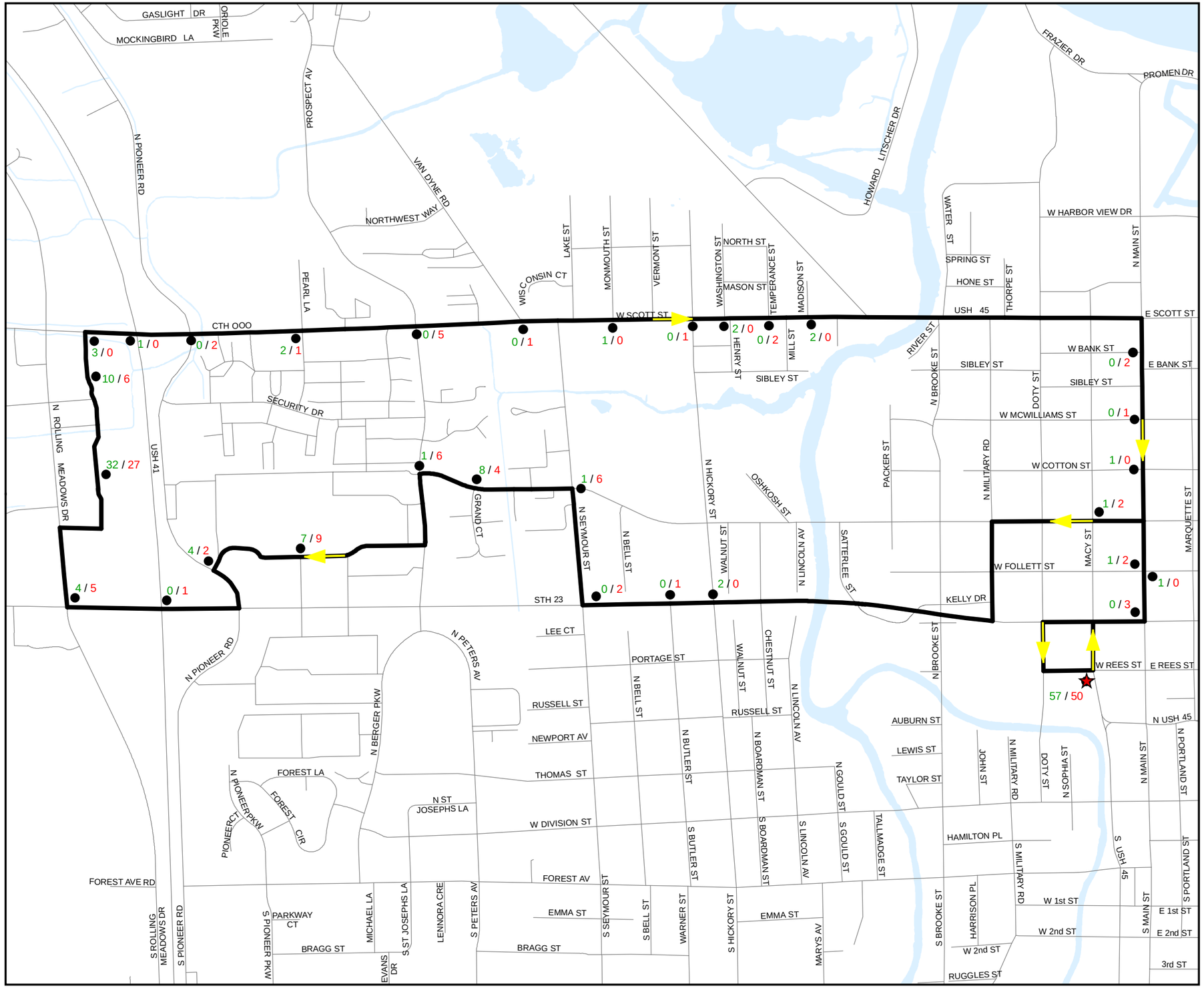

Exhibit 3-4g

Fond du Lac Transit System Route 60

- Transit Center
- Route 60
- Road Centerline
- Boarding/Alighting
- Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

N
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0 500 1,000 2,000
Scale in Feet

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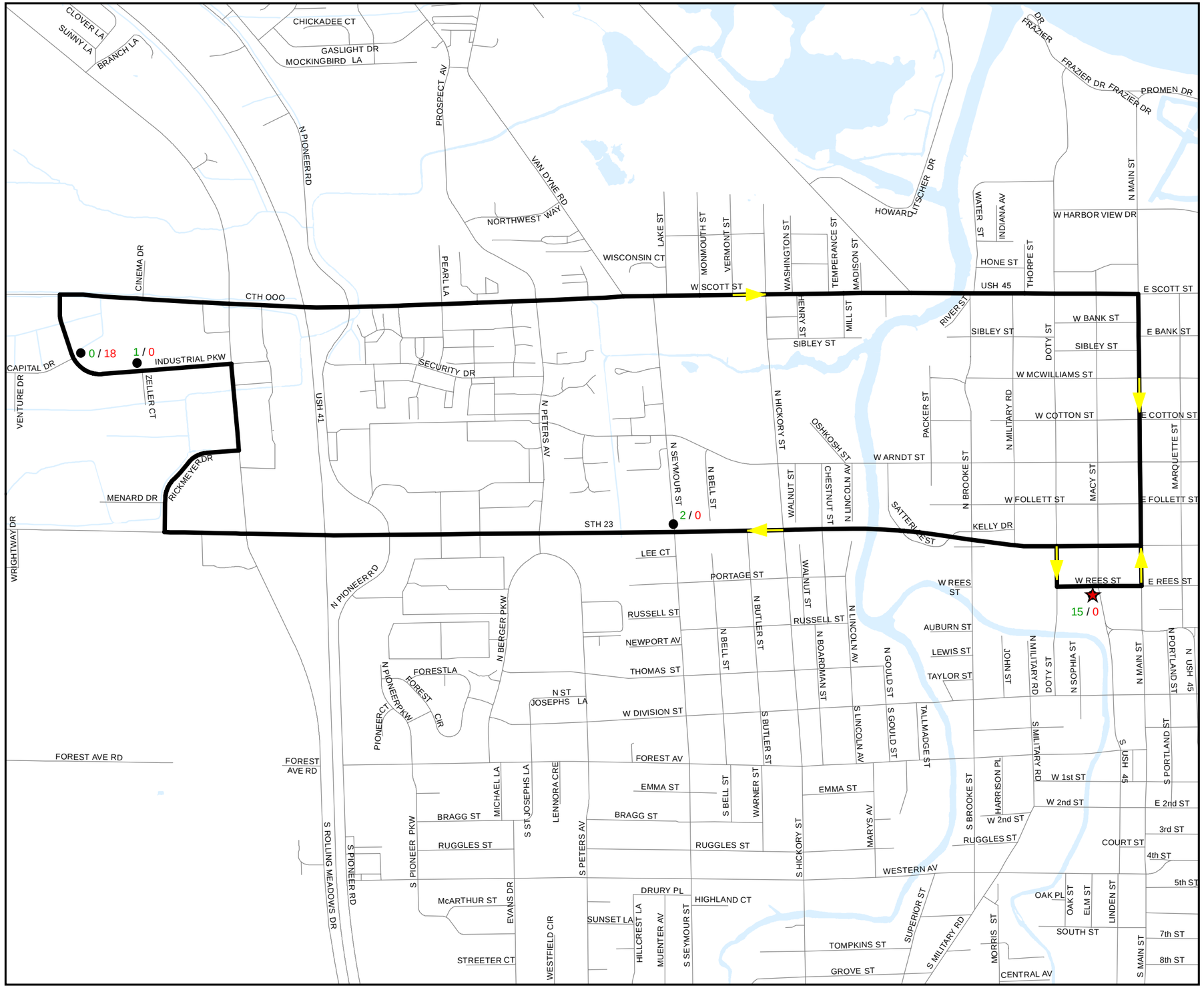

Exhibit 3-4h

Fond du Lac Transit System Route 70

- Transit Center
- Route 70
- Road Centerline
- Boarding/Alighting
- Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

N W E S

0 500 1,000 2,000
Scale in Feet

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EAST CENTRAL WISCONSIN
REGIONAL PLANNING COMMISSION-OCTOBER 2008

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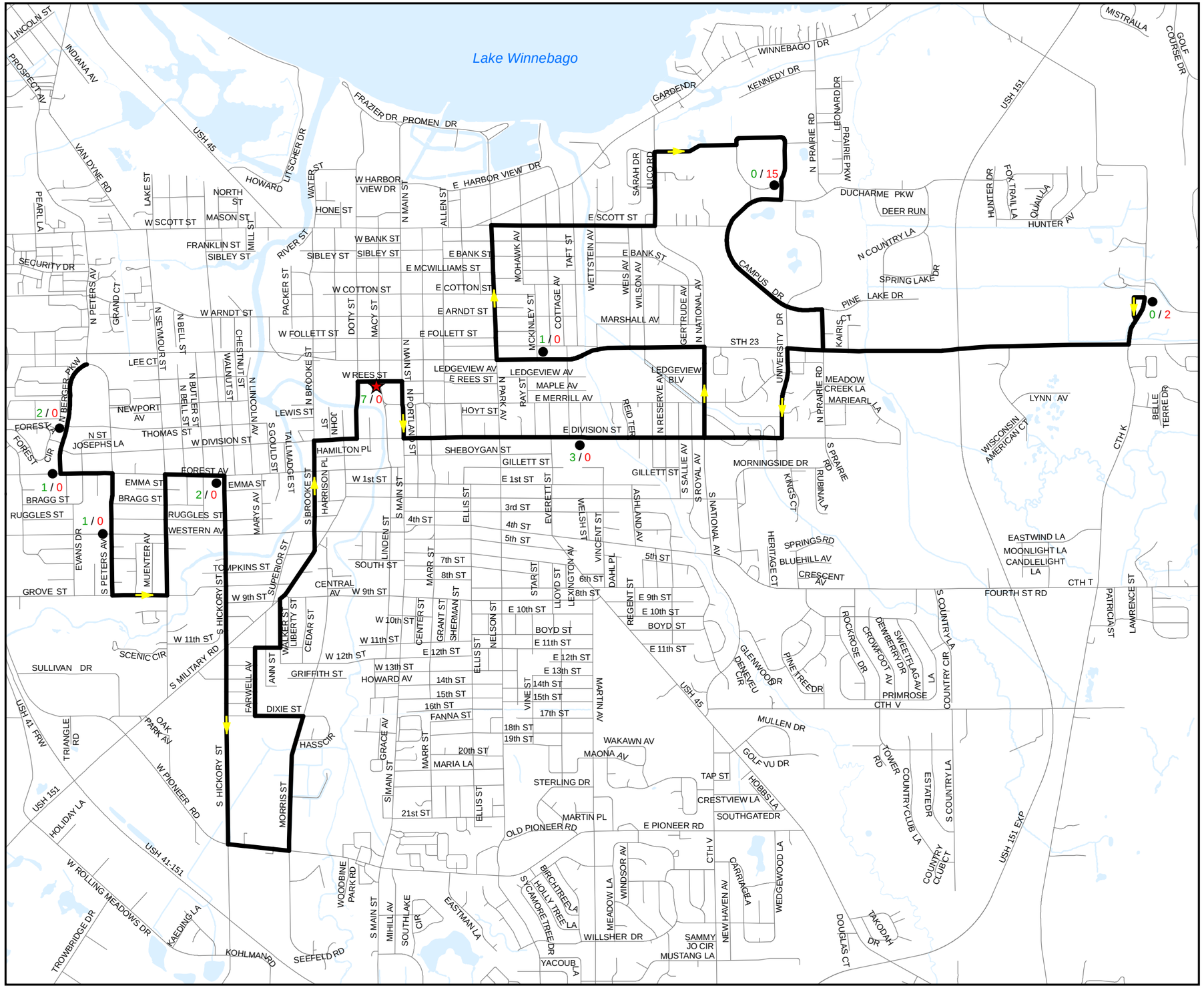

Exhibit 3-4i
Fond du Lac Transit System
Route 120
School Tripper Route
(Morning)

- Transit Center
- Route 120
- Road Centerline
- Boarding/Alighting
- Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

N
W E
S

0 0.25 0.5 1
Scale in Miles

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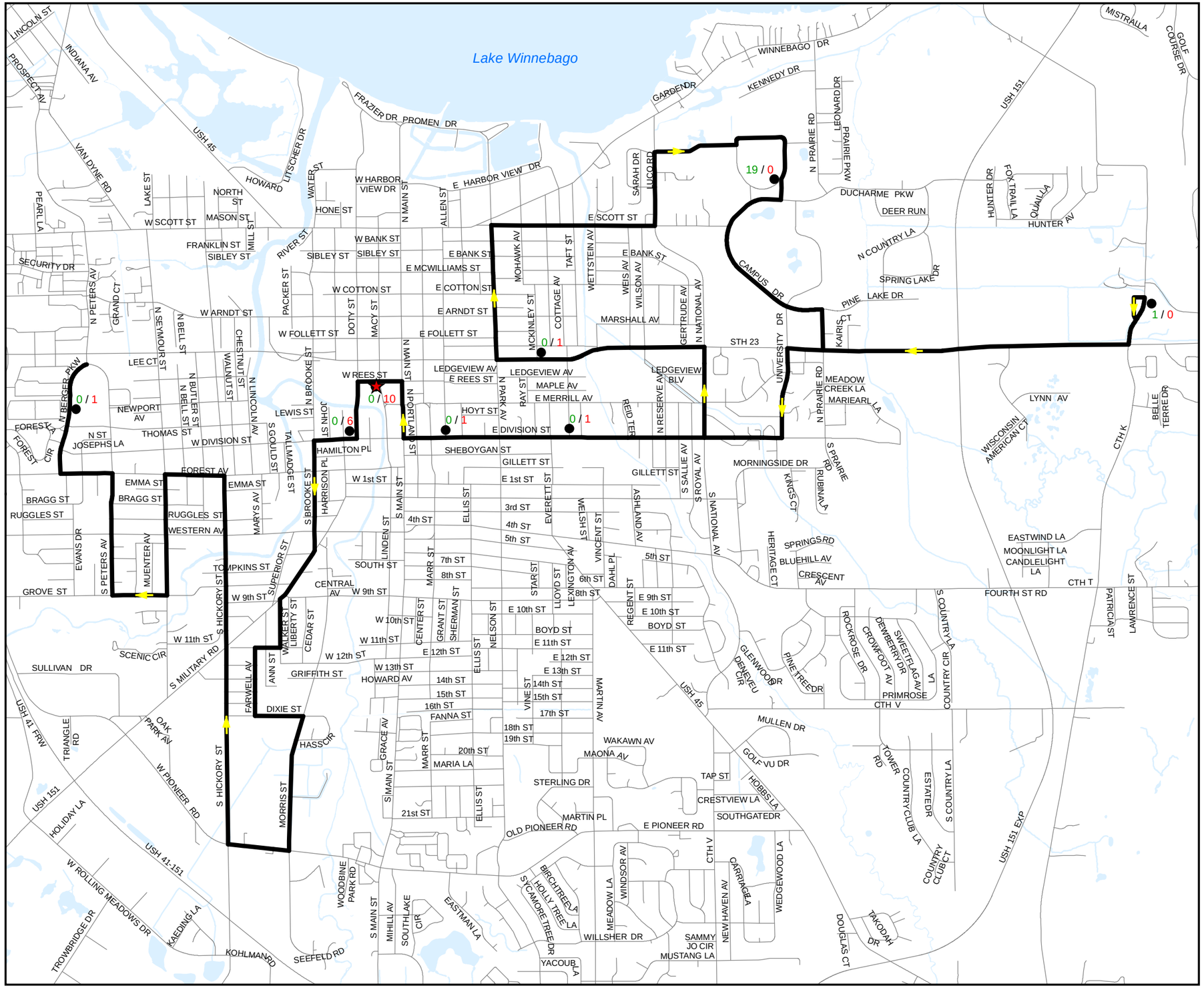

Exhibit 3-4j

Fond du Lac Transit System
Route 120
School Tripper Route
(Afternoon)

- Transit Center
- Route 120
- Road Centerline
- Boarding/Alighting
- Water

Source: Digital base data provided by Fond du Lac Co., 2007.
Route data created from Fond du Lac Transit data, 2007.

N
W E
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0 0.25 0.5 1
Scale in Miles

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CHAPTER 4 - FORECAST ANALYSIS

TDM are used to evaluate a Transportation system and predict future traffic demands. The TDM used in the Fond du Lac LRTP is a trip based four-step model consisting of trip generation, trip distribution, mode choice, and forecasting. The TDM uses socio-economic data, roadway attributes and various parameters to estimate the trip making within and across the model study area. The model estimates trips by calculating the number and types of trips traveling between transportation analysis zones across the various modes and transportation routes available. This procedure was conducted for three distinct analysis years, 2005, 2020 and 2035. Within each analysis year, the Fox Valley TDM model estimates the movements for four distinct time periods, AM, midday, PM and evening. The TDM is used to analyze the composition of traffic, purpose of travel, peak hour usage, and origin-destination linkages. This allows for explicit analysis of future travel behavior along the MPO's major transportation corridors. The TDM will also be a useful tool for forecasting traffic volumes and patterns across the MPO region.

The TDM for the current LRTP was used to project three build scenarios: current planned, compact build, and full build. The three build scenarios were designed to provide a detailed analysis of potential build out options for the MPO. The MPO LRTP used the current planned scenario to make predictions and recommendations.

As part of the review process for the update to the LRTP the socio-economic data (household and employment) used in the TDM will be compared to Department of Administration (DOA) and Economic Modeling Specialists, Inc (EMSI) county estimates and projections. The socioeconomic data was broken down to the county level. The DOA data was collected in 2008 by the Demographic Service Department of the Wisconsin DOA and broken down to the county level. The 2005 data are estimates and 2020 and 2035 data are projections. EMSI data was collected by the Fox Valley Workforce Development Board in 2010 and broken down to the county level. The 2005 and 2009 data are estimates and the 2015, 2019, 2020 and 2035 data are projections. The MPO socioeconomic county data was compared to DOA and EMSI estimates and projects to determine if there is any significant visual difference between the socioeconomic and the DOA and EMSI data.

HOUSEHOLDS

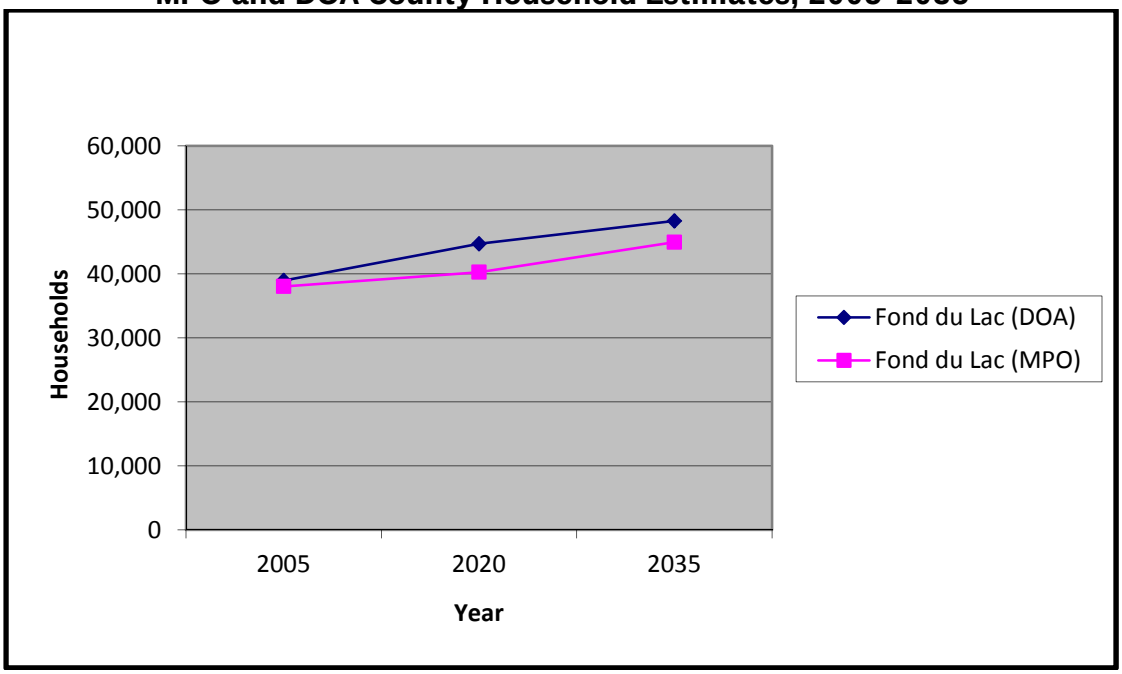
Table 4-1 and Figure 4-1 displays Fond du Lac MPO and DOA household data projected through the year 2035. The Fond du Lac MPO projected an 18.2 percent increase over the 30 year period and an annual growth rate of 0.6 percent. The DOA projected a 24.9 percent increase over the same period and an annual growth rate of 0.8 percent.

Table 4-1
MPO County Compared to DOA County Household Estimates, 2005-2035

	2005	2020	2035
Fond du Lac (DOA)	38,960	44,692	48,267
Fond du Lac (MPO)	38,030	40,254	44,946

Source: Department of Administration - Demographic Services Center 2008

Figure 4-1
MPO and DOA County Household Estimates, 2005-2035



Source: Department of Administration - Demographic Services Center 2008

EMPLOYMENT

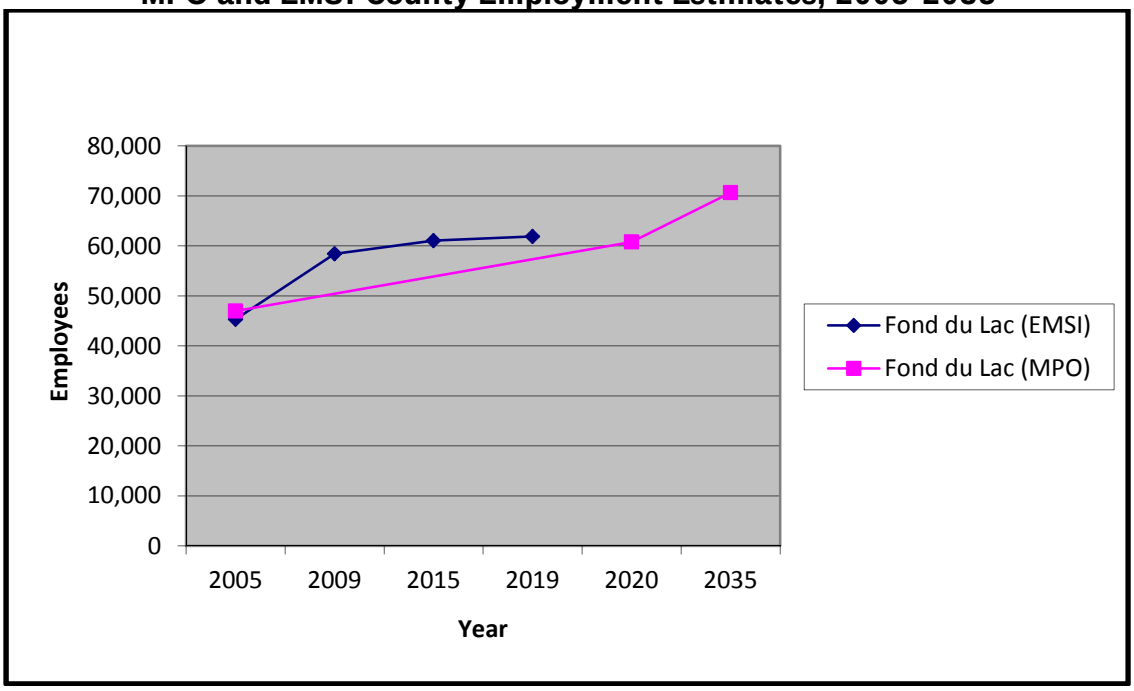
Table 4-2 and Figure 4-2 display the Fond du Lac MPO and EMSI employment data and projections. The Fond du Lac MPO projected an annual growth rate of 1.7% and the EMSI projected an annual growth rate of 2.6%.

Table 4-2
MPO and EMSI County Employment Estimates
2005-2035

	2005	2009	2015	2019	2020	2035
Fond du Lac (EMSI)	45,298	58,403	61,042	61,883	----	----
Fond du Lac (MPO)	46,974	----	----	----	60,783	70,628

Source: EMSI Complete Employment - 3rd Quarter 2009

Figure 4-2
MPO and EMSI County Employment Estimates, 2005-2035



Source: EMSI Complete Employment - 3rd Quarter 2009

SUMMARY

Review of forecasts for household and employment in the MPO TDM compared to the DOA and EMSI projections are not visually significant enough to warrant a change to the TDM projections at this time, therefore the forecasts remain valid. The forecasts will be re-evaluated with the next major LRTP plan update when the 2010 Census data becomes available.

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CHAPTER 5 – RECOMMENDATIONS

Recommendations are developed based on committee member and public input, Transportation Improvement Program (TIP) transportation project list, Transit Development Plan (TDP) recommendations and local comprehensive planning policies. The TIP transportation project list is selected based on criteria developed by the LRTP goals, objectives and policies. The TDP supports and enhances the LRTP though the complete analysis and recommendations of the transit system.

The following is a summary of recommendations for land use, highway transportation projects, and transit system.

LAND USE

Land use recommendations include the implementation of adopted land use policies.

TRANSPORTATION

The recommendation for the implementation of adopted policies also applies to transportation policies.

-USH 41 is the primary facility serving the Fond du Lac area. Analysis shows that the highway will likely be operating at or over capacity in the future. WisDOT and the MPO should plan to expand the capacity of the facility from 4-lanes to 6-lanes through the Fond du Lac MPO over the long term. The USH 41 corridor is currently being studied and will be upgraded to interstate standards.

-USH 151 has been identified as the second most important facility serving the Fond du Lac area. The bypass, recently constructed, has raised concerns for the MPO. WisDOT and the MPO should plan for grade separations at proposed local road intersections. MPO staff should prepare an arterial development plan to identify future parallel routes and areas needed for the long-term conversion to grade separated interchanges or exchanges to eliminate cross-traffic safety concerns with USH 151. Long term access safety improvements on USH 151 should include a grade separation with STH 175, a Martin Road overpass, interchanges at both CTH V and CTH T, and an overpass at USH 45. A preferred alternative was selected for STH 23 on existing alignment as a freeflow interchange with USH 151.

-STH 23 is ranked as the third most important route serving the Fond du Lac area. STH 23 east to Plymouth is scheduled to be expanded to 4-lanes in 2013. The MPO should continue to work with WisDOT to identify additional safety improvements that can be made as part of the project.

WisDOT and the MPO should plan and program the expansion of STH 23 west, to a 4-lane facility from Rolling Meadows Drive to Townline Road. In addition to creating economic development opportunities, the expansion of STH 23 west will also accommodate projected future traffic on the facility.

List of specific modal recommendations follow:

1) Network Facility: **USH 151 BYPASS GRADE SEPARATION**
Facility Segment: USH 151 Bypass
Proposed Project: Officially map all intersections with the USH 151 Bypass to eliminate at-grade cross traffic, similar to USH 45.
Environmental Status: Environmental impacts will be determined through an ongoing bypass corridor study.

2) Network Facility: **USH 41**
Facility Segment: Townline Road to Lost Arrow Road
Proposed Project: Reconstruction of USH 41, Widening to 6 lanes.
Environmental Status: Environmental impacts will be determined through further study.

3) Network Facility: **STH 23 (WEST JOHNSON STREET)**
Facility Segment: Townline Road to USH 41.
Proposed Project: Reconstruct facility as a 4 lane highway.

4) Network Facility: **STH 23 (EAST JOHNSON STREET)**
Facility Segment: From USH 151 to the east out of the MPO area, as part of the 4 lane project between Fond du Lac and Plymouth.
Proposed Project: Reconstruct to a 4-lane expressway with bike and pedestrian facilities.
*** ROW – 2010, Construction Scheduled for 2011-2014**

5) Network Facility: **CTH K**
Facility Segment: USH 151 to CTH V.
Proposed Project: Reconstruct CTH K as a 4 lane facility from USH 151 to CTH V.

6) Network Facility: **CTH T (ESTERBROOK ROAD)**
Facility Segment: STH 23 to CTH OO.
Proposed Project: Reconstruct the stretch from STH 23 to CTH OOO to a four lane facility and construct a new 4 lane facility from CTH OOO to CTH OO.

7) Network Facility: **CTH T**
Facility Segment: STH 23 to Esterbrook Rd.
Proposed Project: Reconstruct CTH T from STH 23 to Esterbrook Rd.

8) Network Facility: **CTH T**
Facility Segment: National Ave to CTH K.
Proposed Project: Reconstruct CTH T from National Ave to CTH K.

9) Network Facility: **CTH V**
Facility Segment: CTH VV to USH 45.
Proposed Project: Reconstruct CTH V from CTH VV to USH 45.

10) Network Facility: **CTH V**
Facility Segment: CTH K to National Ave.
Proposed Project: Reconstruct to CTH V from CTH K to National Avenue.

11) Network Facility: **CTH VV (PIONEER ROAD)**
Facility Segment: Military Road to USH 45
Proposed Project: Reconstruct Pioneer Road as a 4 lane facility.

12) Network Facility: **CTH VV**
Facility Segment: Military Rd. to CTH OOO.
Proposed Project: Reconstruct CTH VV as a 4 lane facility from Military Rd. to CTH OOO.

13) Network Facility: **CTH VV (Pioneer Road Rail Separation)**
Facility Segment: Morris St. to Hickory St.
Proposed Project: Construct 4 lane underpass.
***Construction Scheduled for 2011**

14) Network Facility: **JOHNSON STREET (STH 23)**
Facility Segment: Pioneer Rd. to Prairie Rd.
Proposed Project: Intersection safety improvements
***Construction Scheduled for 2011**

15) Network Facility: **LAKESHORE DRIVE RAILROAD OVERPASS**
Facility Segment: Connection between USH 45 and STH 175 (Winnebago St.)
Proposed Project: Construction of an overpass over the Canadian National rail lines.
***STP-Urban Project, Not yet Programmed, Scheduled for 2014**

16) Network Facility: **MASCOUTIN VALLEY TRAIL EXTENSION**
Facility Segment: CTH VV TO CTH VVV.
Proposed Project: Extend the Mascoutin Valley Trail from CTH VV to CTH VVV.

17) Network Facility: **PLANK TRAIL EXTENSION**
Facility Segment: USH 151 to MPAB.
Proposed Project: Extend the Plank Trail from USH 151 to the Metropolitan Planning Area Boundary.

18) Network Facility: **PRAIRIE ROAD**
Facility Segment: Morningside Drive to CTH T.
Proposed Project: Construct with attainment of right of way.

19) Network Facility: **WILD GOOSE/PRAIRIE TRAIL CONNECTOR**
Proposed Project: Project selected for STP-Urban funding to construct a 1.6 mile connector trail to link the Wild Goose and Prairie Trails.
***ROW – 2010, Construction Scheduled for 2011**

20) Network Facility: **WILD GOOSE TRAIL EXTENSION**
Facility Segment: CTH VV to CTH VVV
Proposed Project: Construct a 0.75 mile extension to the Wild Goose Trail from CTH VV to CTH VVV.
***Approaches Construction Scheduled for 2010**

21) Network Facility: **USH 45 (MAIN STREET)**
Facility Segment: Johnson St. to Scott St.
Proposed Project: Reconstruct USH 45 from Johnson St. to Scott St.
***Project Scheduled for Construction in 2011**

22) Network Facility: **USH 45**
Facility Segment: Scott St. to North FDL County Line
Proposed Project: Roadway Maintenance from Scott St. to North FDL County Line.

23) Network Facility: **STH 175**
Facility Segment: FDL South Corporate Limits to USH 151
Proposed Project: Resurface STH 175 from Fond du Lac to USH 151.
***Design for 2011**

24) Network Facility: **STH 23 CORRIDOR STUDY**
Facility Segment: Fond du Lac to Ripon
Proposed Project: Corridor study to determine access and long-term needs.
***Design for 2012**

25) Network Facility: **GROVE STREET BRIDGE**
Proposed Project: Reconstruct Bridge
***Project Scheduled for Construction in 2010**

26) Network Facility: **DOTY STREET BRIDGE**
Proposed Project: Reconstruct Bridge P-20-0713
***Project Scheduled for Construction in 2010**

27) Network Facility: **CTH T BRIDGE**
Proposed Project: Reconstruct Bridge P-20-0917

28) Network Facility: **WINNEBAGO DRIVE**
Proposed Project: Reconstruct Bridge B-20-0018
***Project Scheduled for Construction in 2010**

29) Network Facility: **USH 45/Eden – Fond du Lac**
Proposed Project: Resurface 5.52 miles
***Design for 2012**

30) Network Facility: **CTH VV, Fond du Lac County**
Proposed Project: Reconstruct Bridge P-0090
***Project Scheduled for Construction in 2012**

31) Network Facility: **Arndt Street Bridge, City of Fond du Lac**
Proposed Project: Bridge Rehab
***Design for 2012, Construction Scheduled for 2013**

32) Network Facility: **Subway Road, Town of Friendship**
Proposed Project: CN RR Crossing Gates Construction
***Project Scheduled for Construction in 2012**

TRANSIT

The Fond du Lac Transit Development Plan was developed in 2008 with the following recommendations.

Transit Model

In coordination between the Wisconsin Department of Transportation, HNTB Corporation, the East Central Wisconsin Regional Planning Commission, and other northeastern Wisconsin entities, the North East (NE) Regional Travel Demand Model was developed to forecast travel volumes and movements for autos, trucks, and transit. HNTB Corporation provided assistance by utilizing the transit model component of the North East (NE) Region Demand model to develop and evaluate routes and corresponding ridership for various transit alternatives in the Fond du Lac Area Transit System service area.

Model Assumptions

The analyses in this section, shows the expected ridership trends for various route alternatives, as indicated by the North East Region (NE) Travel Demand Model. The model is based on socioeconomic data as well as utility equations based on user surveys. The transit model is therefore expected to broadly reflect the overall trend. However it is possible that for some specific individual routes there may be other factors guiding the total ridership that the model may not necessarily have fully accounted for. The results obtained from the model should therefore be tempered with any other available data as well as the judgment of professional staff.

New Routes and Service

Due to budget constraints and the level of coverage in the existing service area, it is recommended that no new routes be implemented at this time.

Existing Routes and Services

As illustrated in the boarding and alighting analysis, there are numerous segments of existing routes where boardings and alightings are very low to nonexistent. Therefore, it is recommended that route lengths where boarding and alighting counts are very low to nonexistent are reduced so service to destinations with more demand can be implemented. Several alternatives have been analyzed in the transit model and discussed by members of the Transit Steering Committee. Proposed changes to existing routes, as well as a timeline for

implementation (short term = within one year, intermediate = 1 to 3 years, long term = 3 or more years, and ongoing) include:

Route 10

There are no recommendations for Route 10 at this time.

Route 20 (Short Term = within one year)

It is recommended that Route 20 be redesigned to extend service to Festival Foods on Johnson Street. Route 20 was modified and analyzed in the transit model so that it would serve Festival Foods and theadjacent commercial area. Route 20 would provide access to Festival Foods and the adjacent commercial area from Campus Drive via Country Lane. After serving Festival Foods, it would return to the downtown transfer zone via Johnson Street instead of passing through East Division Street. The redesigned route is illustrated in Exhibit 5-1.

Route 35 (Short Term = within one year)

A redesign of Route 35 is recommended to cover portions of existing Route 40, so that Route 40 can be extended to serve the Agnesian Surgical Center on Camelot Drive. Route 35 was modified and analyzed in the transit model so that the section of the route running on Martin Avenue was eliminated. Instead, Route 35 was diverted to include Park Avenue in its route. The redesigned route is illustrated in Exhibit 5-1.

Route 40 (Short Term = within one year)

It is recommended that Route 40 be redesigned to extend service to the Agnesian Surgical Center. Route 40 was modified and analyzed in the transit model so that the section on South Park Avenue was eliminated. The new Route 40 would run only on Main Street and include service to the Agnesian Surgical Center. As noted, Route 35 should be redesigned to cover transit-dependent portions of the current Route 40. The entire redesigned route is illustrated in Exhibit 5-1. More detailed service to Southlake Circle and Camelot Drive is illustrated in Exhibit 5-2.

Route 45

There are no recommendations for Route 45 at this time.

Route 55

There are no recommendations for Route 55 at this time.

Route 60

There are no recommendations for Route 60 at this time.

Route 70

There are no recommendations for Route 70 at this time.

Route 120

There are no recommendations for Route 120 at this time.

Route Modification Analysis in the Transit Model

Table 5-1 outlines the estimated impacts of this proposed system redesign on ridership as projected in the transit model. Four routes throughout the system experience an anticipated change in ridership, these are Route 20 (a 7.14 percent decrease), Route 35 (a 31.03 percent increase), Route 40 (a 20 percent decrease), and Route 45 (a 3.85 percent decrease).

Since Route 35 was redesigned to serve segments of the existing Route 40 so that the Agnesian Surgical Center could be served, a significant increase of over 31 percent is projected on Route 35. Although Route 40 is projected to experience a 20 percent decrease in ridership, Route 35 makes up for those loses and allows Route 40 to be extended to service the Agnesian Surgical Center which was heavily voiced in the public input phase of this planning process. It is anticipated that commercial growth of this extended service area will gradually increase ridership over time.

Route 20, is expected to experience a 7 percent decrease in ridership. This is due in part to a redesign of the route to extend service to Festival Foods, another site which was heavily identified in the public input phase of this planning process. Interactions with Routes 35 and 40 can attribute to a small portion of this change. It is also anticipated that commercial growth of this extended service area will gradually increase ridership over time.

Although the transit model projects a system-wide ridership increase of roughly one percent, these route change proposals are anticipated to greatly improve service coverage over time, as these commercial areas continue to develop. These changes will also address a consumer demand for service echoed throughout the public input process and can be done so without drastic increases in operating costs, which are not fiscally feasible for most public transit systems today.

Table 5-1
ESTIMATED IMPACTS OF SYSTEM REDESIGN ON RIDERSHIP

Route	Percent Change in Boardings
FDL ROUTE 10	0.00%
FDL ROUTE 20	-7.14%
FDL ROUTE 35	31.03%
FDL ROUTE 40	-20.00%
FDL ROUTE 45	-3.85%
FDL ROUTE 55	0.00%
FDL ROUTE 60	0.00%
FDL ROUTE 70	0.00%
Total	**0.92%**

Source: Fond du Lace Transit Development Plan, 2009

Passes, Fares, and Funding

Pass, fare, and funding recommendations, as well as a timeline for implementation (short term = within one year, intermediate = 1 to 3 years, long term = 3 or more years, and ongoing) include:

- A student bus pass program - K – 12/universities/technical colleges; (Intermediate)
- Survey human/social service agencies in the area to gauge the number of tokens being distributed to clientele; (Short Term)
- Expand the number of outlets where tickets can be purchased; (Short Term)
- Examine on-line printing; (Long Term)
- Continue pursuit of traditional and nontraditional funding opportunities; (Ongoing) and
- Frequent user discounts/rewards program (Intermediate).

Information and Technology

Information and technology, recommendations include:

- More detailed signage along all fixed routes designating times and location along the route (possibly vinyl covers to reduce costs); (Long Term)
- Utilize the transit model maintained by the East Central Wisconsin Regional Planning Commission; (Ongoing)
- The City of Fond du Lac should maintain the Geographic Information System (GIS) transit system data created by the East Central Wisconsin Regional Planning Commission as part of the TDP process; (Ongoing)
- Create and print an updated Fond du Lac Area Transit brochure when major changes are made to the system; (Ongoing) and
- expansion of Intelligent Information Systems – ITS. (Long Term)

Planning and Policy

Planning and policy recommendations include:

- Examination of a Regional Transit Authority (RTA) pending statewide enabling legislation; (Long Term)
- Continue to work with planners and developers to ensure that transit service is considered in community development projects and efforts; (Ongoing) and
- Development of a written security/evacuation plan. (Intermediate)

Marketing and Education

The following marketing and education-related recommendations are proposed:

- Expand marketing practices; (Intermediate)
- Conduct a market research analysis; (Intermediate)
- Develop a peer training program to help new users become familiar and comfortable with using the system; (Short Term)
- Expand education and communications with stakeholder groups that include clientele that are transit-dependent; (Short Term)

- Continue discussions with employers to subsidize transit costs for employees; (Ongoing) and
- participation in area health and wellness fairs. (Short Term)

Bicycle and Pedestrian Connections

Recommendations for improved connectivity to bicycle and pedestrian modes of transportation include:

- Participate in area Safe Routes to Schools Programs; (Short Term)
- Installation of bicycle racks on the buses; (Intermediate) and
- Bus schedule training at schools in connection with Safe Routes to Schools programs, the police department, bicycle rodeos, and other safety efforts. (Short Term)

Image

Recommendations to enhance image include:

- Enhance the public image/perception of the transfer zone via stricter enforcement on smoking and enhancement of the attractiveness of the area; (Short Term)
- Installation of a fully enclosed and heated shelter at the transfer zone; (Long Term) and
- Pursuit of a real-time video surveillance system at the transfer zone. (Long Term)

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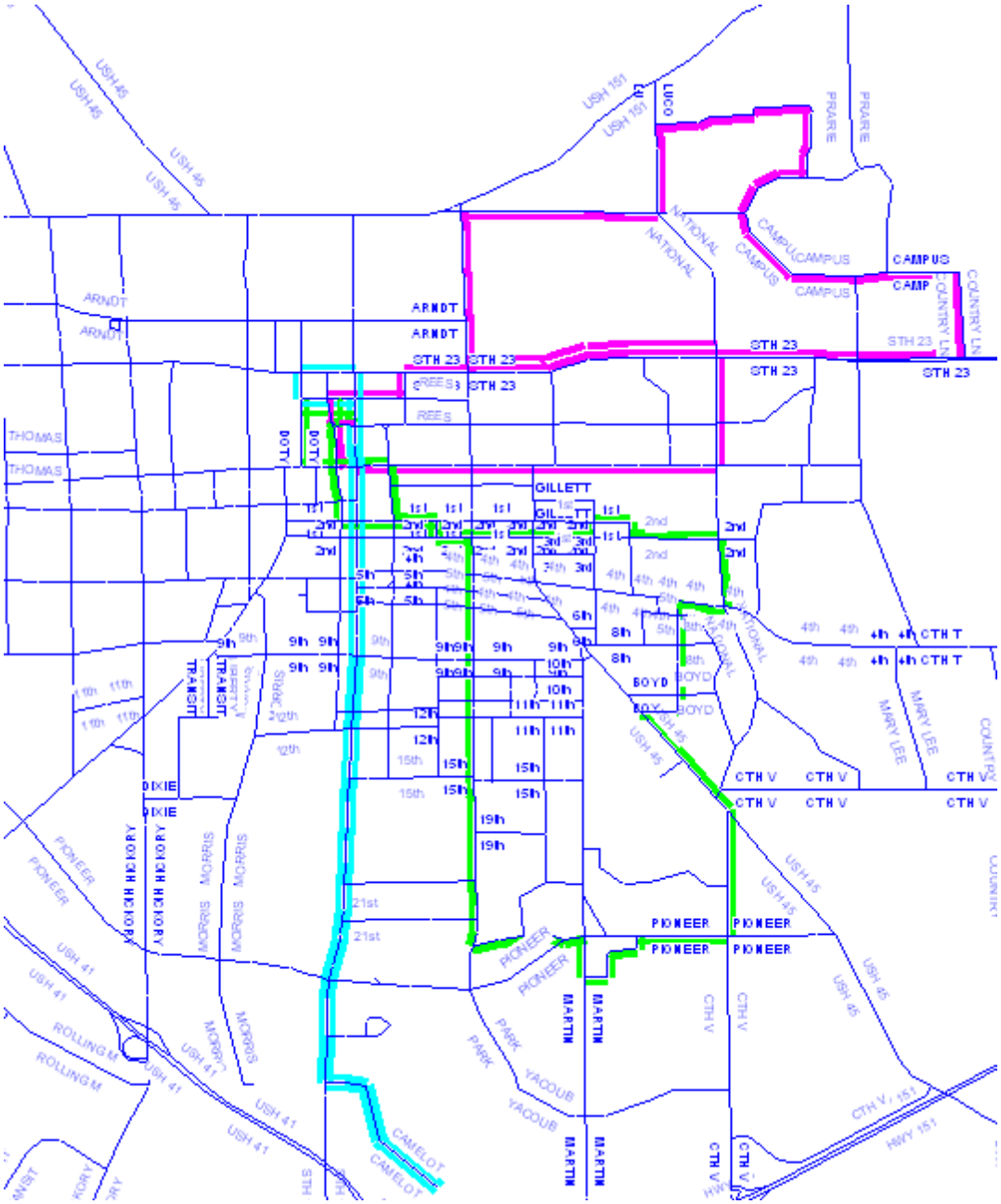
Exhibit 5-1

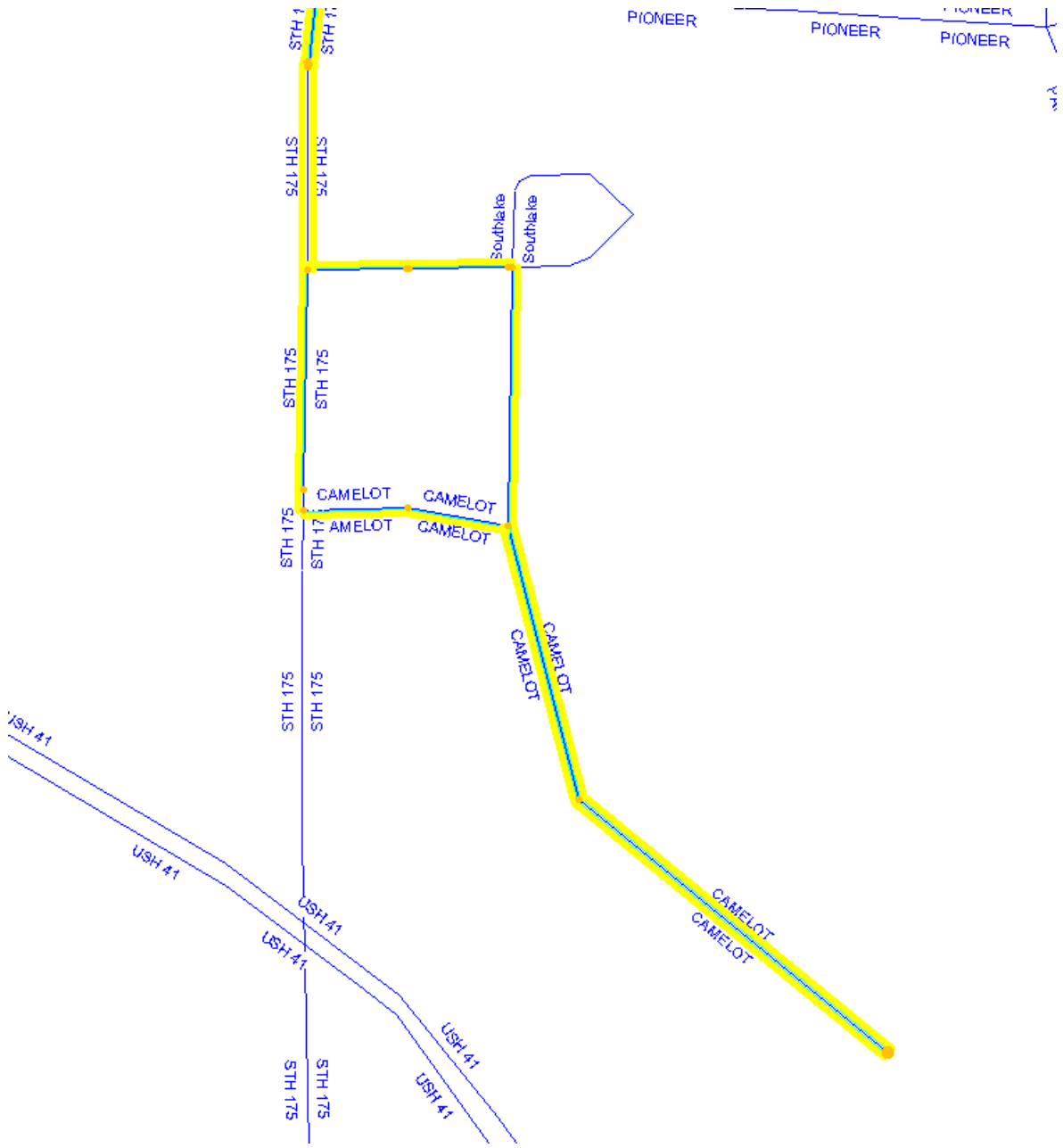
REDESIGN OF ROUTES 20, 35, AND 40



Source: HNTB Corporation, Inc. - Madison

Exhibit 5-2

ROUTE 40 SERVICE TO SOUTHLAKE CIRCLE AND CAMELOT DRIVE



Source: HNTB Corporation, Inc. - Madison

CHAPTER 6 - ENVIRONMENTAL JUSTICE

Environmental justice is a process which seeks to ensure that access to transportation systems and the transportation planning process is available to all, regardless of race or socioeconomic status. The Fond du Lac Urbanized Area has a substantially low minority population which is fairly scattered (Exhibit 6-1). Public involvement efforts within the planning process to include minority groups have included notification to local minority organizations and agencies.

Consistent areas of low income populations were defined through the use of 2000 census tract data. These areas were categorized as less than 20 percent, 20 to 39.99 percent, 40 to 59.99 percent, and 60 or more percent of the total households (Exhibit 6-2). Also included within Exhibit 6-2 is the location of identified TIP projects from 2011 to 2015 and their geographic relationship to these low income areas.

Efforts were made to include all individuals within the planning process. Public information meetings were held during all phases of the planning process. Advertisements were published in the local newspaper (*The Fond du Lac Reporter)* prior to these meetings. Newsletters and notices were distributed via mail and e-mail to various committees, organizations, and agencies throughout the planning process for distribution to as many individuals as possible. Locations of public information meetings were crucial in the public involvement process. All meeting locations were selected to include easy access for all individuals, especially transit and alternative mode users, as well as facilities which catered to the mobility needs of the disabled. Various planning documents, including the draft of this plan were open for public comment.

A goal of the Fond du Lac Metropolitan Planning Organization is to "provide an efficient and accessible transportation system which will meet the short and long range needs, interests, and objectives of all of the MPO's citizens". As identified in Exhibits 6-1 and 6-2, a good portion of short and long range projects are scheduled for areas of minority (non-white) and/or low income populations. Although there are no major concerns at this time, these projects will continue to improve the accessibility, mobility, and safety of all users using all modes, while posing no significant negative impacts. Exhibits 6-3 and 6-4 show areas of minority (non-white) and low income populations in relation to transit which is relied on by many of these individuals to access major employment areas, medical facilities, post-secondary education, recreation, shopping centers, etc.

ECONOMIC IMPACTS

The LRTP has the potential to extend into economic and social arenas. Level of service on roadways, multimodal opportunities, and accessibility for businesses are all issues to be considered. If levels of service on the transportation network decline during the planning period, the potential for more time spent on roadways would be significant. Additional business and personal travel time translates into increased transportation costs. However, economic incentives exist to keep business travel expenses to a minimum, and policies within the plan target the need to maintain acceptable levels of service on roadways.

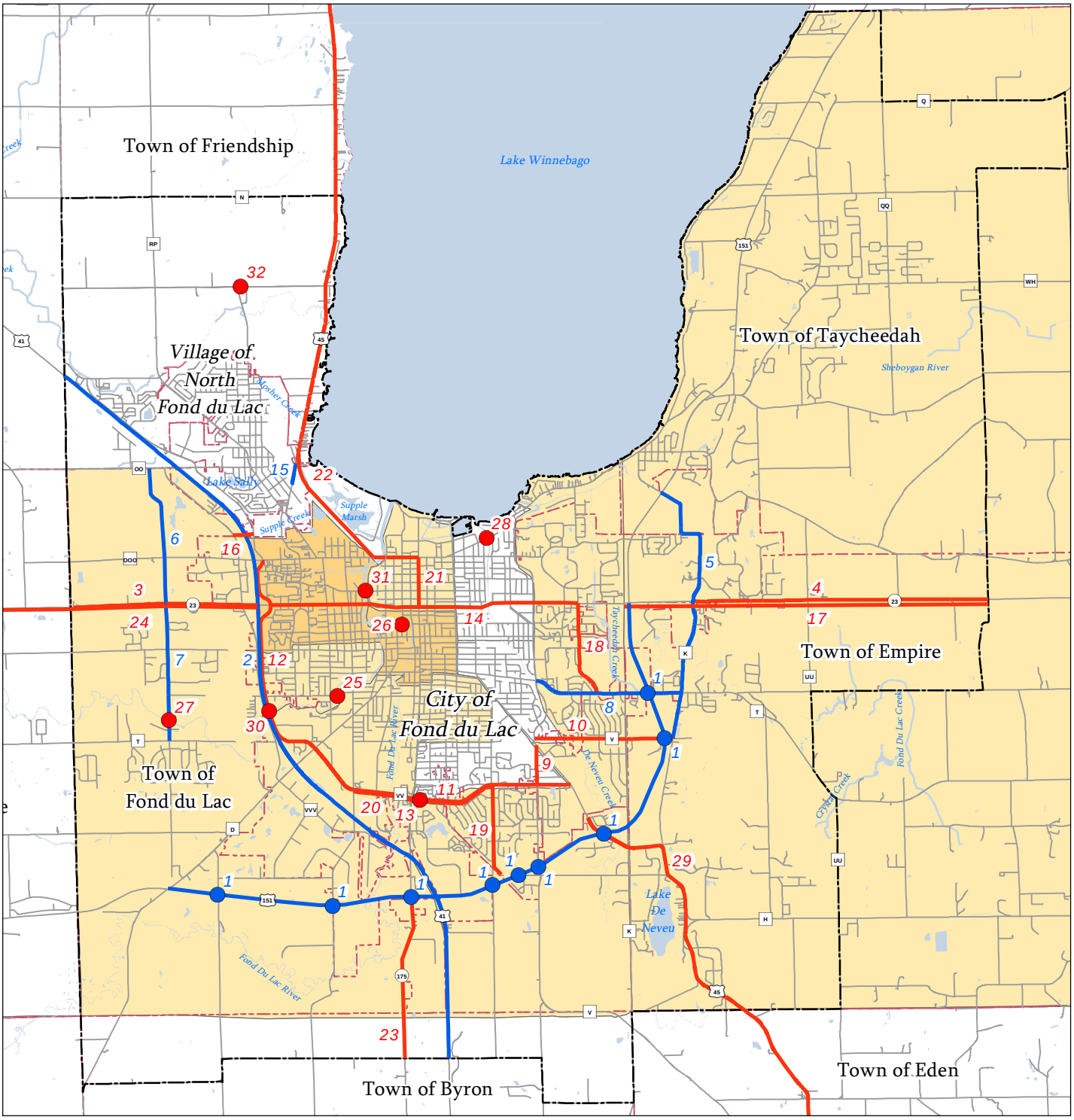
Focusing on maintaining and improving existing facilities and multimodal opportunities will provide benefits to businesses and residents. The plan identifies policies, which if enacted,

would ensure that appropriate types and levels of multimodal transportation services are provided to the area. Additionally, maintaining and/or improving transportation facilities will enable the transportation system to continue to provide adequate accessibility to agricultural supplies and markets. An integrated transportation system combining different modes, including rail and trucking facilities, enhances the movement of goods and services. Efficiently routing truck traffic and providing joint terminals and delivery services would increase the accessibility of distant suppliers. Enhanced accessibility and multi-modalism will provide incentives for businesses to expand and improve the business climate to attract new businesses.

SOCIAL IMPACTS

Several objectives within the long range transportation/land use plan note the importance of an efficient and environmentally sound transportation network, along with efficient and environmentally sound land uses. Implementation of these objectives would improve quality of life and make the Fond du Lac Urbanized Area a more attractive community. The Fond du Lac Urbanized Area has substantial shoreland along Lake Winnebago, much of which is already developed. This plan and the plan adopted by the City of Fond du Lac include policies such as the preservation and redevelopment of waterfront areas for greater recreational use, preserving scenic easements for viewsheds, and creating multimodal recreational opportunities, such as bicycling or walking along a redeveloped waterfront or park area. Enacting these policies would make the Fond du Lac Urbanized Area a more attractive place to work, live, and play.

Exhibit 6-1: FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Minority (Non-White) Population Concentration (2000)



Short-Range Bridge or Intersection Planned Project
Long-Range Planned Bridge or Intersection Project
Short-Range Planned Corridor Project
Long-Range Planned Corridor Project
Municipality Boundaries
2000 Metropolitan Planning Area

Percent Minority
- Less than 5%
- 5% - 9.99%
- 10% - 14.99%
- 15% or Greater

N W E S

0 0.5 1 2
Scale in Miles

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided the 2010 centerline, hydrology, and municipality boundaries. U.S. Census Bureau provided the 2000 Demographic Information.

This data was created for use by the East Central Wisconsin Regional Planning Commission Geographic Information System. Any other use/application of this information is the responsibility of the user and such use/application is at their own risk. East Central Wisconsin Regional Planning Commission disclaims all liability regarding fitness of the information for any use other than for East Central Wisconsin Regional Planning Commission business.

Prepared By
EAST CENTRAL WISCONSIN REGIONAL PLANNING COMMISSION - JULY 2010

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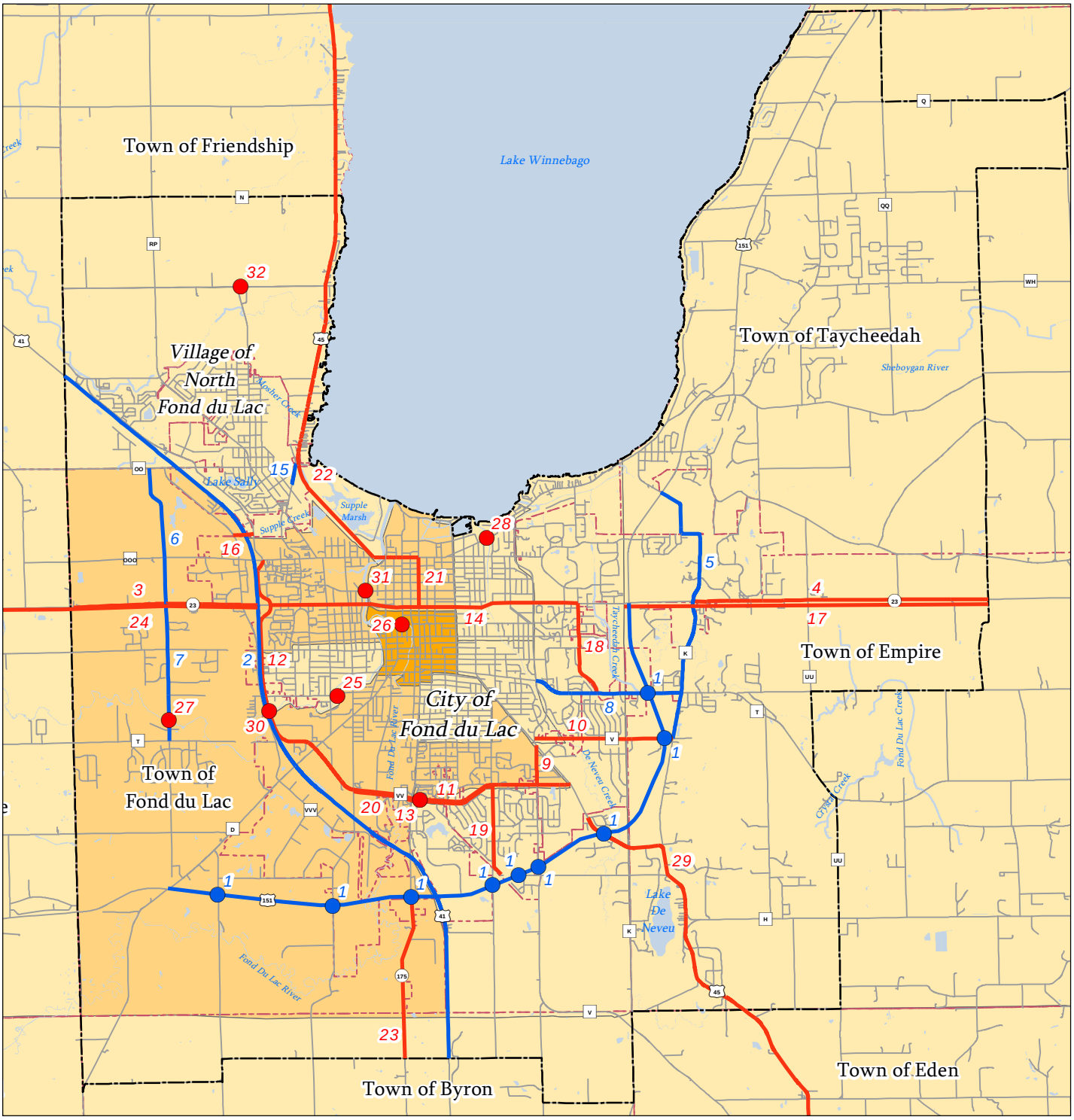
Exhibit 6-2: FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Percent Households with Low to Extremely Low Income (2000)



Short-Range Bridge or Intersection Planned Project
Long-Range Planned Bridge or Intersection Project
Short-Range Planned Corridor Project
Long-Range Planned Corridor Project
Municipality Boundaries
2000 Metropolitan Planning Area

Percent Low Income
Less than 20%
20% - 39.99%
40% - 59.99%
60% or Greater

N W E S

0 0.5 1 2
Scale in Miles

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided the 2010 centerline, hydrology, and municipality boundaries. U.S. Census Bureau provided the 2000 Demographic Information.

Prepared By
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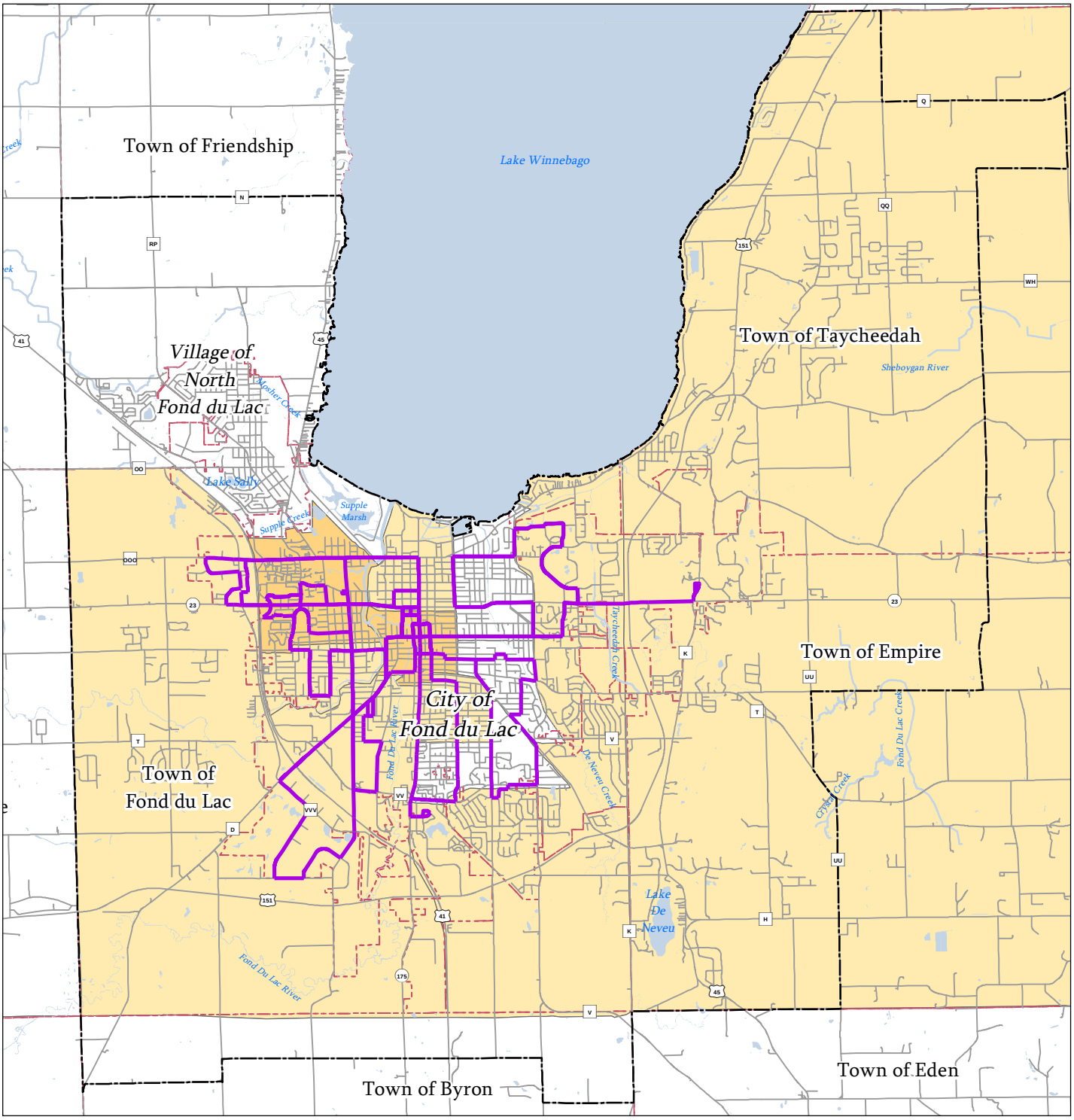
MZ: D:\Lance\Lance's Files\FDLUpdatedLRPMaps\2010MXDs\Ex6-2_LowIncome_Projects.mxd

Exhibit 6-3: FOND DU LAC MPO AREA FIXED TRANSIT ROUTES
Minority (Non-White) Population Concentration (2000)



Fixed Transit Routes
Municipality Boundaries
2000 Metropolitan Planning Area

Percent Minority
- Less than 5%
- 5% - 9.99%
- 10% - 14.99%
- 15% or Greater

N W E S

0 0.5 1 2
Scale in Miles

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided the 2010 centerline, hydrology, and municipality boundaries. U.S. Census Bureau provided the 2000 Demographic Information. City of Fond du Lac provided bus routes.

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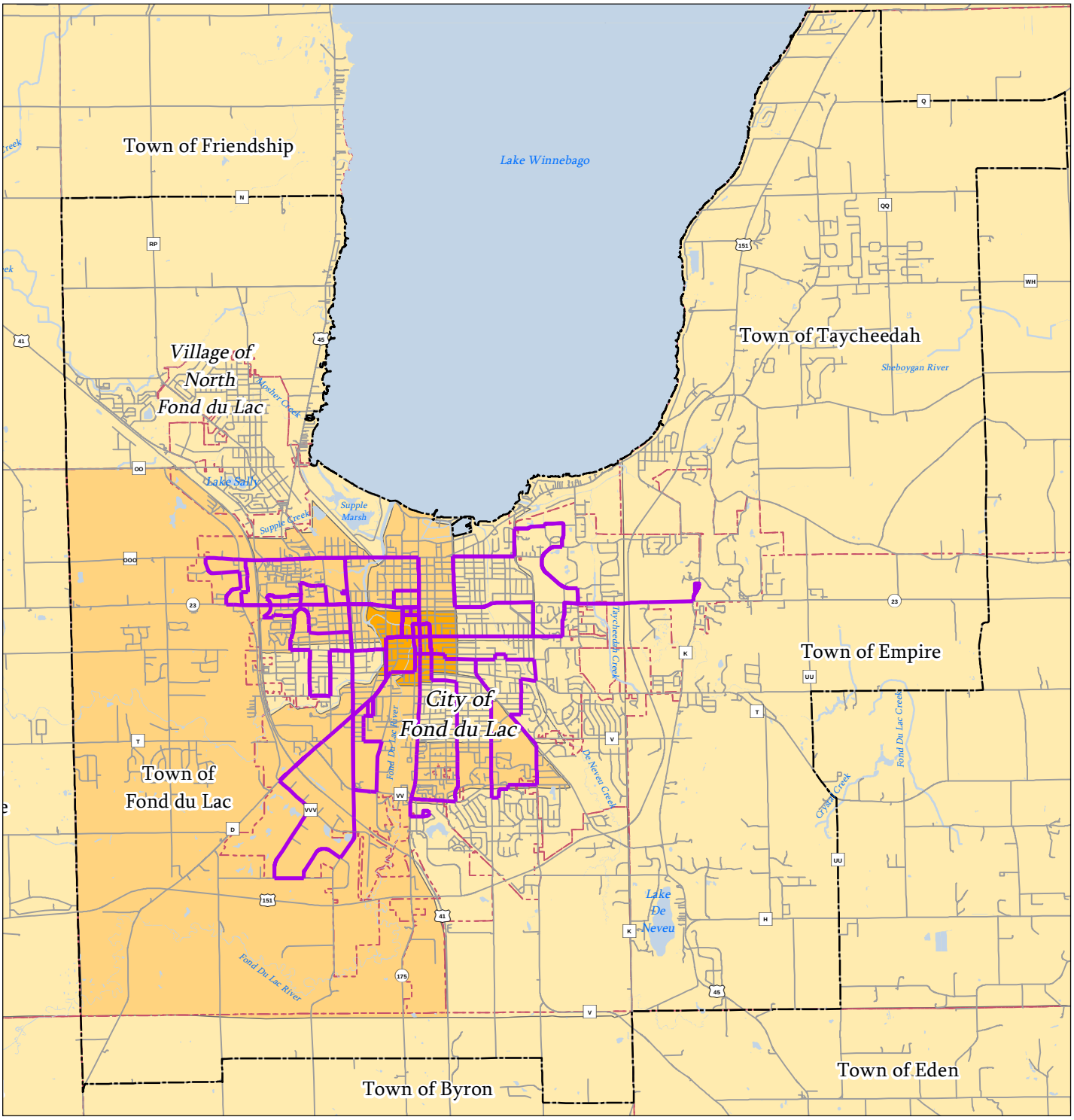
MZ: D:\Lance\Lance's Files\FDLUpdatedLRPMaps\2010MXDs\Ex6-3_Minority_Transit.mxd

Exhibit 6-4: FOND DU LAC MPO AREA FIXED TRANSIT ROUTES
Percent Households with Low to Extremely Low Income (2000)



Fixed Transit Routes
Municipality Boundaries
2000 Metropolitan Planning Area

Percent Low Income
- Less than 20%
- 20% - 39.99%
- 40% - 59.99%
- 60% or Greater

N W E S

0 0.5 1 2
Scale in Miles

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided the 2010 centerline, hydrology, and municipality boundaries. U.S. Census Bureau provided the 2000 Demographic Information. City of Fond du Lac provided bus routes.

Prepared By
EAST CENTRAL WISCONSIN REGIONAL PLANNING COMMISSION - JULY 2010

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CHAPTER 7 – ENVIRONMENTAL MITIGATION

Federal law requires considering environmental mitigation activities in developing transportation plans, in addition to new consultation requirements with federal and state natural resource, and management, environmental protection and other agencies.

Metropolitan planning regulations state in 23 CFR 450.322 (f.) (7) that the plan shall include, at minimum:

"A discussion of types of potential environmental mitigation activities and potential areas to carry out these activities that may have the greatest potential to restore and maintain the environmental functions affected by the metropolitan transportation plan. The discussion may focus on policies, programs or strategies, rather than at the project level. The discussion shall be developed in consultation with Federal, State and Tribal land management, wildlife and regulatory agencies. The MPO may establish reasonable time frames for performing this consultation."

This chapter documents compliance with these requirements.

The ECWRPC has conducted extensive additional consultation and system level analysis of the relationship between the Fond du Lac Long Range Transportation/Land Use Plan projects and various natural features and resources. The consultation list is located in Appendix B.

Consultation with these agencies included direct telephone or email communications, use of data developed by these agencies and other informal conversations at meetings in advance of the March 3, 2010 (Tribal) and March 11, 2010 consultation meetings to discuss environmental mitigation. Additional agencies were also invited to participate in this process in the consultation letter sent to approximately 31 agencies or stakeholders.

Environmental features and natural resources analyzed include:

- Geographic and Topography (Scenic Resources)
  - Steep Slopes
  - Niagara Escarpment
- Geologic Features and Farmland Resources
  - Metallic and Non-metallic Mineral Resources
  - Bedrock
  - Farmland
- Water Resources
  - Watersheds and Drainage
  - Lakes and Ponds
  - Rivers and Streams
  - Designated Trout Streams
  - Exceptional Water Resources
  - Wetlands
  - Floodplains
  - Groundwater
  - Wellhead Protection Areas

    - Solid and Hazardous Waste Sites
    - Leaking Underground Storage Sites (LUST)
- Wildlife Resources
    - Wildlife Habitat
    - Rare, Threatened and Endangered Species and Natural Communities
    - Woodlands
- Parks, Open Space and Recreational Resources
    - Wisconsin Department of Natural Resources and Public Lands
    - Open Space
    - Recreational Trails
    - Heritage Routes and Rustic Roads
    - Environmental Corridors
    - Natural Areas, County Parks and Nature Centers
    - Local Park and Recreation Areas
    - Proposed Facilities
- Air Quality
- Cultural Resources
    - State and National Registry of Historic Places
    - Architecture and History Inventory
    - Archaeological Sites Inventory
    - Wisconsin Historic Markers
    - Cemeteries
    - Museums and Other Historic and Cultural Resources

The Fond du Lac MPO Long Range Transportation/Land Use Plan includes projects that are both committed and planned. For each environmental attribute or set of attribute listed above, a GIS map was prepared showing the Fond du Lac MPO Long Range Transportation/Land Use projects and the proximity to each resource featured. To clarify data, an overall map of the Fond du Lac MPO showing projects and environmental features is followed by larger scale maps for each of the environmental maps that have been generated. Where projects or features are not in proximity to one another, or if there is no data, these expanded map views have been omitted, since they would show nothing.

It should be emphasized that Fond du Lac MPO's role in examining issues related to environmental mitigation is to scan system level issues – this is not a project level environmental impact document, which requires field work and specific analysis under the National Environmental Policy ACT (NEPA). Rather the planning regulations require system level or regional analysis to look at cumulative effects of all projects (not those of individual projects) from a high level – which may streamline later project level or site specific analysis to the extent they may flag or act as "an early warning system' to both transportation and resource agencies of issues which may need to be considered in later project level analysis. More importantly, to assure that the planning and programming process as a whole considers what the long term environmental mitigation issues are for the MPO in light of future plans.

Since this high level view is the core of the MPO planning requirements (as opposed to the project level NEPA process), the legislation and regulations specifically exempt consideration of planning factors and environmental mitigation at the Plan or TIP phase from judicial review.

Judicial review, however, is the crux of the NEPA project level analysis, a level of analysis that the MPO has no direct role in but to review and comment like any other interested party.

This is an important distinction, since this is precisely what the MPO has considered in developing the land use vision in terms of mitigating long term environmental impacts of sprawl and related transportation travel demand, as well as the future analysis contained in this chapter to look at mitigation of cumulative effects of the entire plan.

As such, this high level view may inform the NEPA process, but is quite distinctly different from it by design and intent, since project engineering design decisions are typically not known at the planning stage. However, earlier awareness of potential issues from a high level or overview may better alert implementation agencies of the need to consider issues at the project stage when the project is designed. This may include the presence or absence of historic sites, or possible locations of potential contamination areas that may require mitigation at the project stage when engineering begins, plans are being prepared and a NEPA style project level analysis is required.

POLICY CONTENT

The management and protection of natural resources is governed at many levels; federal, state, regional, county and local.

Federal

At the federal level, several major provisions have been developed to protect our natural resources. Along with other threats to our air, water, forests, deserts, and mountains; transportation projects are required to meet a long list of environmental requirements. In addition, proposed construction projects may involve the need for permits in several areas. A few of these polices are highlighted below:

- The ***Clean Water Act (CWA-1972)*** provided the statutory basis for the NPDES permit program and the basic structure for regulating the discharge of pollutants from point sources to waters of the United States.
    - Section 401
    - Section 402 of the CWA specifically required EPA to develop and implement the National Pollutant Discharge Elimination System (NPDES).
    - Sections 401 and 404 require that persons wanting to dispose of dredged or fill material in navigable waters obtain a permit from the Army Corps of Engineers and/or state.
- ***Safe Drinking Water Act (1974)*** was passed to protect public health by regulating the nation's public drinking water supply. The law was amended in 1986 and 1996 and requires many actions to protect drinking water and its sources: rivers, lakes, reservoirs, springs, and ground water wells.
- ***Clean Air Act*** ensures that transportation plans, programs, and projects conform to Wisconsin's air quality implementation plans. The Clean Air Act, along with the Congestion Mitigation and Air Quality Improvement sections of ISTEA, apply to air quality non-attainment and maintenance areas.

- ***The Endangered Species Act (1973)*** "provides for the conservation of species that are endangered or threatened throughout all or a significant portion of their range and the conservation of the ecosystems on which they depend"[11]. These federal laws grant much of the authority and bases for state and, henceforth, local regulation over elements of the natural environment.
- ***Rivers and Harbors Act of 1899***, Section 10 applies to the construction of bridges, causeways, dams and dikes.
- ***Executive Order 11990*** protects wetlands.
- ***National Historical Preservation Act of 1966***, Section 106, as Amended requires federal agencies to insure that their actions (grants, funding, permits, activities such as highway building, etc.) do not adversely affect archaeological sites in or eligible for the National Register of Historic Places.

State

The State of Wisconsin has had a strong history of conservation ethics when it comes to the protection and management of natural resources. The Wisconsin State Statutes reflect this ethic be the various laws and programs established within them. A listing of some of these policies is listed below:

- ***Threatened and Endangered Species (Administrative Rule NR-27)*** protects threatened and endangered animal and plants and there habitat.
- ***Wetland Water Quality Standards (Administrative Rule NR-103)*** establishes water quality standards for wetlands.
- ***Shoreland Management Program (Administrative Rule NR 115)*** establishes minimum shoreland zoning standards for shoreland subdivision and zoning ordinances.
- ***Floodplains Management Program (Administrative Rule 116)*** provides a uniform basis for the preparation and implementation of sound floodplain regulations for all Wisconsin municipalities.
- ***Shorelands/Wetlands Protection (Administrative Rule NR 117)*** establishes minimum standards for city and village shoreland–wetland zoning ordinances.
- ***Stormwater Management (Administrative Rule NR 216)*** establishes criteria defining those storm water discharges needing WPDES storm water permits so as to minimize the discharge of pollutants carried by storm water runoff from certain industrial facilities, construction sites and municipal separate storm sewer systems.
- ***Runoff Management (Administrative Rule NR 151)*** establishes runoff pollution performance standards for nonagricultural facilities and transportation facilities and performance standards and prohibitions for agricultural facilities and practices designed to achieve water quality standards.
- ***TRANS 401 Wis. Administrative Code***, was created to establish and implement erosion control and storm water management standards for airport, railroad, highway, and bridge projects which are administered by WisDOT. It establishes minimum performance standards which all projects administered by WisDOT should meet. An erosion control plan and an erosion control implementation plan are also required under Trans 401. Erosion control and storm water management measures should be maintained and inspected prior, during and after construction or maintenance of a transportation facility.

[11] http://www.nmfs.noaa.gov/pr/laws/esa/

- ***Water Quality Certification (Administrative Rule NR 299)*** explains the procedures for certifying projects that impact wetlands.
- ***Time Limits and Fees for Waterway and Wetland Permit Decisions (Administrative Rule NR 300)*** describe time limits and fees for waterway and wetland permits.
- ***Wetland Compensatory Mitigation (Administrative Rule NR 350)*** describes the requirements for the wetland compensatory mitigation program.
- ***Exemptions from Water Quality Certification in Nonfederal Wetlands (Administrative Rule NR 351)*** identifies federal materials to be used for determining whether certain activities in non-federal wetlands are exempt from water quality certification requirements.
- ***Chapter 30 Permits***
- ***Section 44.40 Wisconsin Statutes*** states that archaeological sites can be protected during the course of state agency activities (grants, funding, permits, ground disturbing projects) if the sites have been recorded with the Office of the State Archaeologist.
- ***Section 157.70 Wisconsin Statutes*** states that all human burial sites, including cemeteries and Indian mounds, are protected under state law.
- ***Water Quality Act Section 404*** permit is required to place dredged or fill material into the waters of the United States including wetlands. This program ensures that chemical, physical, and biological integrity of these waters is protected from placements of dredged or fill materials that could permanently destroy or alter the character of these valuable resources. The Section 404 Program (including Section 10 waters) that pertains to coastal waters in Wisconsin is administered by the U.S. Army Corps of Engineers while the portion of the program that deals with non-coastal waters is administered by the WDNR.
- ***Water Quality Act Section 402*** requires a National Pollutant Discharge Elimination System Storm Water discharge permit for construction projects which involve land clearing of five acres or greater. Permit application requirements include the name of receiving water, identification of soil erosion controls during construction and identification of measures to control pollutants in storm water discharges that occur after construction. These requirements reduce impacts on water quality during and after construction.
- **Erosion and Sediment Control on Highway Construction Projects**
  The FHWA has adopted the American Association of State Highway and Transportation Officials (AASHTO) Highway Drainage Guidelines, Vol. III, "Erosion and Sediment Control in Highway Construction," 1992. The FHWA has adopted these guidelines to be followed on all construction projects funded under title 23, United States Code. These guidelines are not intended to preempt any requirements made by or under State law if such requirements are more stringent. To develop standards and practices of erosion and sediment control on Federal-aid construction projects, each State should apply the AASHTO guidelines or apply its own guidelines, if its own guidelines are more stringent. To be consistent with the requirements of section 6217 (g) of the Coastal Zone Act Reauthorization Amendments of 1990 (CZARA), some certain states should follow specific management measures of erosion and sediment non-point source pollution control. Highway construction projects funded under title 23, United States Code, located in States with federally approved coastal zone management programs should utilize "Guidance Specifying Management Measures for Sources of Nonpoint Source Pollution in Coastal Waters," U.S. EPA, January 1993. The design erosion control (EC)

plan includes all erosion and sediment control considerations made during the planning, location, and project development phases. In general, the design EC plan should accomplish three objectives:

1. Limit off-site effects to acceptable levels;
2. Facilitate project construction and minimize overall costs; and
3. Comply with federal, state and local laws and regulations.

In general, the following basic principles apply to all transportation projects:

1. Plan the highway project to fit the particular topography, soils, drainage patterns and natural vegetation as much as practicable;
2. Minimize the extent and duration of erodible surface area;
3. Utilize erosion and sediment control practices to prevent erosion and protect sensitive areas. These practices should be judiciously planned and implemented so as to prevent sediment from entering environmental and customer sensitive areas;
4. Apply perimeter control practices, as needed, to protect the disturbed area from off-site runoff and prevent sediment from leaving the construction site;
5. Keep runoff velocities low;
6. Stabilize disturbed areas as soon as possible after final grade has been attained; and
7. Establish and implement a thorough maintenance and follow-up program.

Local

- **Fond du Lac County**
  - **Chapter 27 Erosion Control & Stormwater Management Ordinance** set the requirements for land development and land disturbing activities aimed to minimize sedimentation, water pollution, flooding and related property and environmental damage caused by soil erosion and uncontrolled stormwater runoff during and after construction. This ordinance is intended to regulate construction site erosion and stormwater management.
  - **Land and Water Resource Plan** evaluates' the resource conditions and issues of Fond du Lac County and presents a plan to address those issues.

- **City of Fond du Lac**
  - **Chapter 21 Floodplain Zoning Code** regulates all areas that would be covered by the regional flood or base flood.
  - **Chapter 23 Construction Site Erosion Control and Post Construction Storm Water Management.**
  - **The City of Fond du Lac Zoning Ordinance**, Section 11.05 Shoreland-Wetland, Shoreland Overlay, Agricultural, And East Branch Overlay Districts Shoreland_Wetland Ordinance set forth land uses or activities which are permitted in areas which are environmentally sensitive, are of environmental concern, or are rural in character.

- **Village of North Fond du Lac**
  - **Chapter 19 Stormwater Management Ordinance** establishes long-term,, post-construction runoff management requirements that will diminish the threats to public health, welfare and the aquatic environment
  - **Chapter 20 Erosion Control Ordinance's** purpose is to further the maintenance of safe and healthful conditions; prevent and control water pollution; prevent and control soil erosion; protect spawning grounds, fish and aquatic life; control building sites, placement of structures and land uses; preserve ground cover and scenic beauty; and promote sound economic growth, by minimizing the amount of sediment and other pollutants carried by runoff or discharged from land disturbing construction activity to waters of the state in the Village of North Fond du Lac.
  - **Chapter 21 Village of North Fond du Lac Zoning Code**, Section 21.04 Shoreland and Conservancy District set forth land uses or activities which are permitted in areas.
  - **Chapter 22 Floodplain Zoning Code** regulates all areas that would be covered by the regional flood or base flood.

- **Town Zoning**
  - All towns within Fond du Lac County are regulated under Town zoning ordinances accept for the town of Empire.
- **Town of Empire**
  - Article F, Sec. 13-1-54 off-site impact of nonresidential uses

Consistency

Information contained on the maps provided in this report was derived from a variety of local, state and federal data sources. An attempt was made to reconcile this information with existing state and local resource agency inventories and maps to ensure consistency. Available plans for protection, development, and use of natural resources were considered in the development of this section. In addition to the data bases referred to within the text, the following data bases and reports were reviewed[12].

- **Land Legacy Plan**[13] identifies places critical to meet conservation and outdoor recreation needs over a 50-year time frame. In all, a total of 229 named Legacy Places were identified. Fond du Lac County has a total of seven Legacy Places; Campbellsport Drumlins; Glacier Habitat Restoration Area; Horicon Marsh; Kettle Moraine State Forest; Milwaukee River; Niagara Escarpment and the Sheboygan River Marshes. Legacy Places within the Fond du Lac MPO include the Niagara Escarpment and Lake Winnebago. The Fond du Lac MPO is part of the Southeast Glacial Plains Ecological Landscape. Conservation needs and opportunities within this landscape include the restoration of wetlands as areas are retired from farming. Thought should also be given to connecting public conservation lands that are isolated to nearby conservation lands. Environmental corridors of sufficient width facilitate the movement of species from one area to another.

[12] A comprehensive plan has not been completed for Fond du Lac County. S. Tobias, 6/14/10.
[13] http://dnr.wi.gov/master_planning/land_legacy/

- **Wisconsin's Wildlife Action Plan**[14] presents priority conservation actions to protect the species and their habitats. According to the plan, opportunities within the Southeast Glacial Plains Ecological Landscape and within the Fond du Lac MPO include the protection of the Niagara Escarpment, glacial eskers and drumlin fields, that are unique and, in some cases world-renowned; linking scattered woodlots and for controlling invasive exotic species; and restoration and management of wetlands and shallow water lakes (e.g., Lake Winnebago Pools).
- **State Comprehensive Outdoor Recreation Plan (SCORP), 2005 to 2010**[15] is done every 5 years to identify essential issues that affect the future of Wisconsin outdoor recreation. The plan lists the top 15 Wisconsin Statewide Land Legacy Recreation Areas in need of near term preservation and/or continued protection. Two of these land legacy recreation areas are within the Fond du Lac MPO; the Niagara Escarpment (3rd priority), the Winnebago Pool Lakes (4th priorty). The MPO is part of the Lake Winnebago Waters SCORP Planning Region. As part of this SCORP process, outdoor recreation participation surveys conducted by the National Survey on Recreation and the Environment (NSRE) have examined 62 recreational uses broken down to the SCORP regional level. Participation rates for adults age 16 and older, within the Lake Winnebago Waters planning region, was the highest in the state for bicycling (55.6%), visiting outdoor theme/water parks (42.9%), warm water fishing (45%), mountain biking (34.4%), visiting other waterside besides beaches (30.1%), off road driving (34.7%), primitive camping (19.2%), rafting (17.2%), horseback riding – any type (11.6%), disc golf (12.3%), horseback riding – on trails (10.7%) and off-road motorcycling (7.9%). While not the highest in the state participation rates for walking for pleasure (85.8%) and family gathering (81.2%) enjoyed over an 80 percent participation rate. This transportation plan is consistent with the goals outlined in Chapter 7 of the SCORP plan. These goals that apply to transportation include (1) Protect, Restore, and Enhance Wisconsin's Natural Resources for Outdoor Recreation, (2) Continue to Improve and Develop Wisconsin Outdoor Recreation Facilities, (3) Continue to Provide and Enhance Public Access to Wisconsin Recreational Lands and Waters, (4) Understand the Threats and Opportunities of Wisconsin's Developing Urban Areas and Areas of Rapid Population Growth, (5) Promote Wisconsin Outdoor Recreation as a Means to Better Health and Wellness for State Citizens, and (6) Maintain and Enhance Funding Opportunities for Wisconsin Outdoor Recreation.
- **Outdoor Recreation and Open Space Plan for Fond Du Lac County, 2006-2010.**
- **Fond du Lac County Land and Water Resource Management Plan, 2008-2012.**
- **City of Fond du Lac Comprehensive Plan, 2010-2030, adopted October 14, 2009.**
- **Village of North Fond du Lac Comprehensive Plan, 2021, adopted June 3. 2002.**
- **Town of Friendship Comprehensive Plan, 2008 – 2028, adopted February 12, 2009.**
- **Town of Taycheedah Comprehensive Plan, adopted May 11, 2009.**
- **Town of Empire Comprehensive Plan 2026, adopted March, 2007.**
- **Town of Fond du Lac Comprehensive Plan 2005, adopted December 2005.**
- **Town of Byron Comprehensive Plan Draft, January 2006.**

[14] http://www.dnr.state.wi.us/org/land/er/WWAP/index.htm
[15] http://www.dnr.wi.gov/planning/scorp/

ENVIRONMENTAL FEATURES

For each of the environmental feature there is a short narrative summarizing the data, limitations, an overview of the mitigation issues and system level mitigation measures. Buffers of one quarter mile are shown for improve/expand and new projects, while buffers of 250 feet are shown for bridge projects. It is assumed that potential impacts which must be mitigated for bridges are point specific. Longer corridor construction projects are usually linear and would therefore have broader potential impacts to be mitigated and may impact one or more environmental feature. Environmental features have been divided into: Geographic and Topography; Geologic Features; Water Resources; Wildlife Resources; Parks, Open Space, and Recreational Resources; Air Quality; and Cultural Resources.

This report presents material at a high system level view, therefore maps and information in this chapter should be used with extreme caution and may not, except at the most generalized level be valid for looking at specific project impacts and offsets without detail project engineering design and field reviews as part of the project level analysis and permit process.
According the GIS features analysis should stand as is and represents a good faith effort to permit a system level view, as required by the planning regulations but should not be used to identify specific impacts or offsets best left to the project level review and permit process.
Still maps are illustrative and may be useful by road agency, resource and permit agencies in looking at overall systemic impacts which can be further refined over time and in the local level review and permit process.

Geographic and Topography (Scenic Resources)

Fond du Lac County's topography is controlled by the underlying bedrock and the Valders ice sheet of the Green Bay lobe during the Wisconsin glaciations.[16] The county and the MPO is divided into two physiographic regions; east of the Niagara Escarpment and west of the Escarpment. The land east of the Escarpment is known as the Eastern Ridges of Wisconsin and has been modified by glacial formations (drumlins and kames).[17] West of the Niagara Escarpment, the topography is nearly level to sloping and includes some of the best farming soils in the county.

Steep Slopes

Soil data from the Soil Survey of Fond du Lac County, Wisconsin was used to indicate areas that have slopes in excess of 12 percent. To develop the soil survey, scientists made comparisons among the profiles[18] to determine the soil series. Boundaries of soil series were drawn on aerial photographs. The resulting map is detailed enough to be useful for planning purposes. However, since it is not practical to show each small scattered bit of soil, the map reflects what the dominant or recognized soil phases are.

Exhibit 7-1 and inserts A, B, C and D indicate areas that have slopes in excess of 12 percent. Steep slopes within the Fond du Lac MPO are found in the eastern portion of the MPO and are associated with the Niagara Escarpment. These areas provide a natural habitat for wildlife, as well as

[16] City of Fond du Lac Comprehensive Plan, 2010 to 2030, prepared by Martenson & Eisele.
[17] Soil Survey of Fond du Lac County, Wisconsin, USDA-NRCS, issued April 1973.
[18] A profile is the sequence of natural layers or horizons, in a soil, it extends from the surface down into the parent material that has not been changed much by leaching or the by actions of plant roots.

offer recreational opportunities for hiking and wildlife observation. Approximately 3.4 percent (1,757.7 acres) of the Fond du Lac MPO is classified as having slopes in excess of 12 percent.

Mitigation Issues and System Level Mitigation Measures

Slopes in excess of 12 percent are subject to erosion. Disturbing these areas should be minimized and special care should be taken to reestablish these slopes and minimize erosion. Areas disturbed by construction activities should be stabilized and vegetated as soon as final grading has been completed. Temporary erosion control measures should be implemented and maintained during construction until permanent soil erosion and sedimentation controls are in place.

Potentially projects that may encounter steep slopes include: the USH 151 Bypass Grade Separation (Project 1) at the East Branch of the Fond du Lac River and near Manske Drive; the USH 41 Reconstruction (Project 2) at the West and East Branches of the Fond du Lac River; the reconstruction of STH 23 (East Johnson Street) to a four-lane facility (Project 4); CTH VV (Pioneer Road) Reconstruction (Project 11) at the East Branch of the Fond du Lac River; the Plank Trail Extension (Project 16); the Wild Goose Trail Extension (Project 20) near the East Branch of the Fond du Lac River; the USH 45/Eden – Fond du Lac Resurfacing (Project 29); and the CTH VV (Pioneer Road) Bridge Reconstruction (Project 30).

Niagara Escarpment

The Niagara Escarpment or the Ledge, as it is commonly referred to, is one of the most significant geologic and topologic features in eastern Wisconsin (Exhibit 7-1) and Inset B and D[19]. It stretches in a wide arc from eastern Wisconsin through Michigan's Upper Peninsula, across Ontario, Canada, and on past the Niagara Falls in New York. Within the Fond du Lac MPO, exposed areas of the Niagara Escarpment are located along the Lake Shore, Lower Fox, Upper Fox, Upper Rock, Sheboygan and Milwaukee GMU's (see Watersheds and Drainage below). Within the state the feature dips beneath the surface in the southern part of the state and is not visible. Due to its unique characteristics, a large number of resource issues are associated with the escarpment. The escarpment is an important source for groundwater recharge, however due to the fractured nature of the bedrock and the thin layer of soil covering this resource, groundwater is very susceptible to contamination. It is also home to over 240 different rare, threatened, or endangered plant and animal species[20].

Mitigation Issues and System Level Mitigation Measures

The Niagara Escarpment is a unique and sensitive resource. Due to the thin soil layer and fractured bedrock, potential groundwater impacts should be considered during planning, design, construction and maintenance of transportation projects. Transportation projects can impact groundwater when materials such as paint, solvent, fuel, etc. enter areas that provide direct links to the groundwater system such as the area known as the Niagara Escarpment. The escarpment is also home to over 240 different rare, threatened, or endangered plants and animal species

[19] The graphic source data depicted on Exhibit 7-1 includes: Escarpment Outcrop – J. Kluessendorf/D. Mikulic, 2000. Location digitized by Bay Lake Regional Planning Commission.

[20] The Niagara Escarpment, Inventory Findings 1999-2001 and Considerations for Management, Final Report MAY 1, 2002.

Projects impacting the Niagara Escarpment should integrate stormwater management into the design of the site. Stormwater management systems should be designed to protect area groundwater supplies, such as draining away from these areas. Parking or storing equipment in areas of potential groundwater contamination should be prohibited. All hazardous materials should be properly handled, stored and disposed of properly. If possible construction should utilize less hazardous materials when possible. Keep equipment in good working order and leak free. Avoid hosing down equipment on site.

Potential projects in the vicinity of the Niagara Escarpment include the STH 23 (East Johnson Street) Reconstruction (Project 4); the CTH K Reconstruction (Project 5); and the Plank Trail Extension (Project 17).

Geologic Features and Farmland Resources

Metallic and Non-metallic Mineral Resources

No active metallic mining activities occur within the Fond du Lac MPO as metallic minerals are not present. The bedrock geology of the MPO does, however lend itself to the production of building and crushed stone. Soil data from the Soil Survey of Fond du Lac County, Wisconsin was used to determine soil suitability for sand and gravel (five acres or more), and areas of high bedrock. As mentioned above, to develop the soil survey, scientists made comparisons among the profiles to determine the soil series. While the resulting map is detailed enough to be useful for planning purposes, it is not practical to show each small scattered bit of soil.

Mitigation Issues and System Level Mitigation Measures

Soils suitable for sand and gravel and non-metallic mining sites are essential in areas associated with the Niagara Escarpment. As mentioned above the escarpment is a sensitive resource and system level measures as detailed above under Niagara Escarpment should be incorporated here.

Soil Suitability for Sand and Gravel

Soil suitability for road materials (sand and gravel) is shown on Exhibit 7-1 and Inserts A, B, C and D. This information can be used as guidance as to where to look for probable sources and are based on the probability that soils in a given area contain sizeable quantities of sand or gravel. These materials can be used as a source for roadfill and embankments. Soils suitable for gravel and sand (5 acres or more) are limited within the Fond du Lac MPO. Areas suitable for gravel and sand are basically found along the Niagara Escarpment in the eastern part of the MPO.

About 0.9 percent (469.2 acres) of soils is suitable for sands, while another 1.1 percent (544.6 acres) is suitable for gravel.

Existing Non-Metallic Mining Sites

Non-metallic mineral resources include all mined minerals other than those mined as source of metal. Economically important non-metallic minerals include stone, sand and gravel. Non-metallic Mining Sites within the Fond du Lac MPO was obtained from Fond du Lac County in

2009 and are based on permit data. Exhibit 7-1, Insert A[21] and Table 7-1 indicates existing non-metallic mine locations for clay, clay and fill, granite, gravel, limestone, sand, sand and fill and sand and gravel.

Table 7-1
Non-Metallic Mining Sites

Material	Limestone	Sand/Gravel	Sand	Clay/Fill	Gravel	Clay	Total
Number	2	1	0	0	0	1	4

Source: Fond du Lac County, 2009

Bedrock

Bedrock geology for the Fond du Lac MPO was formed during the Phanerozoic Eon, which was divided into three eras. During the Ordovician Period, Wisconsin was submerged at least three times. Sediments eroded by the waves and washed from the lands were deposited in the sea to form sandstone and shale. Animals and plants living in the sea deposited layers and reefs of calcium carbonate which is now dolomite. At the close of the Ordovician Period and during the Silurian and Devonian periods, Wisconsin remained submerged. Bedrock geology of the MPO is comprised of three distinct formations. The majority of the MPO is underlain with dolomite and includes some limestone and shale (Ordovician Formation - Sinnipee Group). The Niagara Escarpment runs along the eastern side of Lake Winnebago and is made up of dolomite and shale (Ordovician Formation - Maquoketa Sub-formation). Finally to the east of the Niagara Escarpment is dolomite (Silurian Formation).[22]

At one time, glaciers covered what is now the Fond du Lac MPO, modifying the land surface by carving and gouging out soft bedrock, smoothing off hilltops, filling valleys and leaving a deposit of debris over the land. Areas of high bedrock (5 acres or more) within the Fond du Lac MPO are associated with the Niagara Escarpment and are shown on Exhibit 7-1 and Inserts B and D. Approximately 0.4 percent (195.3 acres) has areas of high bedrock that are five acres or more in size within the MPO.

Mitigation Issues and System Level Mitigation Measures

High bedrock within the Fond du Lac MPO is associated with the Niagara Escarpment, a sensitive and unique resource. As stated above (Niagara Escarpment), potential groundwater impacts should be considered during planning, design, construction and maintenance of transportation projects within these areas. Transportation projects can impact groundwater when materials such as paint, solvent, fuel, etc. enter areas that provide direct links to the groundwater system.

Projects impacting the Niagara Escarpment should integrate stormwater management into the design of the site. Stormwater management systems should be designed to protect area groundwater supplies, such as draining away from these areas. Parking or storing equipment in areas of potential groundwater contamination should be prohibited. All hazardous materials should be properly handled, stored and disposed of properly. If possible construction should utilize less hazardous materials when possible. Keep equipment in good working order and leak free. Avoid hosing down equipment on site.

[21] Note that inserts only cover transportation projects, therefore even though non-metallic mining does exist within the MPO; it is not shown on the insert.

[22] Bedrock Geology of Wisconsin, UW-Extension Geological and Natural History Survey, April 1981, revised 1995.

There are no potential projects affected by areas of high bedrock.

Farmland Resources

Fond du Lac County is a leading agricultural county in Wisconsin and ranks as the nation's 26th largest dairy county (2007 Ag Census). Crops grown in the area are primarily used to feed the county's 50,000 dairy cows. In 2008, Fond du Lac County had 355 dairy cows with an annual average production of 22,400 pounds per cow. Primary crops include corn for grain (80,000 acres), corn for silage (30,000 acres), alfalfa (60,000 acres), oats (10,000 acres), soybeans (50,000 acres), winter wheat (15,000 acres), commercial sweet corn (8000 acres), and green peas (5500 acres).[23]

The land capability classification is a system of grouping soils primarily on the basis of their capability to produce common cultivated crops and pasture plants. This classification was developed by the U.S. Department of Agriculture[24] and does not take into account major techniques that would alter the slope, depth, and other characteristics of soils. The capability classes, are designated by Roman numerals I through VIII. Smaller Roman numerals have less the limitations and therefore greater choices for practical use. This report will only be looking at prime farmland or Class I soils. Class I soils have few limitations or hazards that restrict their use. Soils in this classification are suited for a wide range of plants and may be safely used for cultivated crops, pasture, range, woodland, and wildlife. These soils are nearly level and erosion hazard by wind or water is low.

Prime farmland areas are shown on Exhibit 7-1 and Inserts A, B, C and D. Within the City of Fond du Lac and the Village of North Fond du Lac, prime farmland soils for its use as farmland is not a priority for these communities. Therefore, for mitigation purposes, this report will only highlight areas within the towns, where farmland preservation is more important. Areas of prime farmland are less concentrated in the eastern portion of the MPO and are not associated with the Niagara Escarpment. Approximately 37 percent (19,086 acres) are considered prime farmland within the MPO.

Mitigation Issues and System Level Mitigation Measures

Wisconsin is rooted in agriculture and has a long history of supporting farming in the state. Legislation that has protected farming include the Wisconsin's "Right-to-Farm Law", Wisconsin Statutes 823.08 (protects farming from nuisance complaints), to its more recent "Working Lands Initiative" that among other things encourages counties to develop updated farmland preservation plans and have them certified by the state for farmland preservation. While most counties in the state have an existing farmland preservation plan, many of these plans are more than 30 years and are outdated. Fond du Lac County has a Farmland Preservation Plan that was prepared under the provisions of the Farmland Preservation Act, Chapter 91, section 91.51 – 79, Wisconsin Statutes. The county considers this plan to be outdated and plans on preparing a new plan in 2011.

Transportation projects should consider farmland preservation and impacts during planning, design, construction and maintenance of transportation projects within these areas. Access to farmland areas is critical for farmers to plant, harvest and maintain their crops and properly

[23] http://www.uwex.edu/ces/crops/fdlag.htm
[24] http://soils.usda.gov/techical/handbook/contents/part622.html.

care for their animals. Dust, noise and other aspects of construction may interfere with farming activities. Transportation projects may fragment parcels of land, making it harder to permanently access fields and maintain viability. Mitigation measures include maintaining access, limiting land acquisitions, etc.

Projects potentially impacting prime farmland and farming areas, outside of the City of Fond du Lac and the Village of North Fond du Lac include USH 151 Bypass Grade Separation (Project 1), USH 41 Reconstruction (Project 2), STH 23 (East Johnson Street) Reconstruction (Project 4), Plank Trail Extension (Project 17), USH 45/Eden – Fond du Lac Resurfacing (Project 29), Subway Road, Town of Friendship CN RR Crossing Gates Construction (Project 32).

Water Resources

Water resources are sources of water that are useful or potentially useful to humans. Water is needed for life to exist and is used for household, agricultural, recreational, industrial and environmental activities.[25] There are numerous pressures facing our water resources, such as invasive species, beach closures due to pollution, sewer overflows, wetland loss, stormwater runoff, drought, floods, increasing water demands by residential, agricultural, recreation and industrial activities, climate change, and potential ground and surface water contamination due to pesticides, chemicals, and natural occurring minerals.

Watershed, lakes, ponds, river, stream data was obtained from the WDNR. Wetland data was provided by the WDNR in 2004, while floodplain date was FEMA certified on November 4, 2009. Wetland mitigation areas were obtained from WisDOT.

Groundwater

An aquifer is a rock or soil layer capable of storing, transmitting and producing potable water for human consumption. In Fond du Lac County there are several aquifers; the *sandstone aquifer* is the source of the most potable water and is used by many of the major cities within Fond du Lac County. The *Platteville-galena aquifer* is composed primarily of dolomite and provides adequate water to private wells. The *Silurian or Niagara dolomite aquifer* is a source of potable water and is in high demand because of the quantity and quality and is moderately susceptible to contamination. *Sand and gravel aquifer* consists of permeable sediments of unconsolidated glacial deposits and is the most susceptible to contamination.[26]

The majority of residents within Fond du Lac County obtain drinking water from groundwater. Groundwater within Fond du Lac County is obtained from both shallow wells and aquifers and deeper wells and aquifers. Shallow wells and aquifers are more susceptible to contamination than deeper ones. Within Fond du Lac County, the combination of thin soils over carbonate bedrock increases the potential for groundwater contamination.

Groundwater Contamination Susceptibility

The ease that pollutants can be transported from the land surface to the top of the

[25] Wikepedia, http://en.wikepedia.org/wiki/Water resources, 2/16/07.
[26] Fond du Lac County Land and Water Resource Management Plan, 2008 – 2012.

groundwater or "water table" defines a groundwater's susceptibility to pollutants.[27] Materials that lie above groundwater offer protection from contaminants. However, the amount of protection offered by the overlying materials varies, depending on the materials. In order to identify areas sensitive to contamination, the WDNR, in cooperation with UW-Extension, Wisconsin Geological and Natural History Survey and the USGS, evaluated the physical resource characteristics that influence this sensitivity. Five resource characteristics were identified: depth to bedrock; type of bedrock; soil characteristics; depth to water table; and characteristics of surficial deposits. Each of the five resource characteristics was mapped, and a composite map was created. A numeric rating scale was developed and map scores were added together.

An index method was used to determine susceptibility; however this method of analysis is subjective and includes little quantifiable or statistical information on uncertainty. This limits the use of the information for defensible decision making. Therefore, while groundwater contamination susceptibility maps can be useful, this level of uncertainty must be kept in mind.

According to the groundwater contamination susceptibility map, a majority of the Fond du Lac MPO is less susceptible to contamination. Areas more susceptible to groundwater contamination would include the eastern and southern sections of the MPO (Exhibit 7-2).

Mitigation Issues and System Level Mitigation Measures

Potential groundwater impacts should be considered during planning, design, construction and maintenance of transportation projects within areas of higher susceptibility to groundwater contamination. Transportation projects can impact groundwater when materials such as paint, solvent, fuel, etc. enter areas that provide direct links to the groundwater system.

Projects within areas of higher potential for groundwater contamination should integrate storm-water management into the design of the site. Stormwater management systems should be designed to protect area groundwater supplies, such as draining away from these areas. Parking or storing equipment in areas of potential groundwater contamination should be prohibited. All hazardous materials should be properly handled, stored and disposed of properly. If possible construction should utilize less hazardous materials when possible. Equipment should be kept in good working order and leak free. Avoid hosing down equipment on site.

New or wider roadways increase the amount of impervious surface that it available. Therefore groundwater mitigation measures should include permanent stormwater management systems. Stormwater runoff can contain chemicals from leaking vehicles, road salt and other pollutants that can enter the groundwater system.

Projects that fall within areas more susceptible to groundwater contamination include: STH 23 (East Johnson Street) Reconstruction (Project 4); Lakeshore Drive Railroad Overpass Construction (Project 15); Plank Road Trail Extension (Project 17); USH 45 Maintenance (Project 22); STH 175 Resurfacing (Project 23); Doty Street Bridge Reconstruction (Project 26) and USH 45/Eden – Fond du Lac Resurfacing (Project 29).

[27] http://wi.water.usgs.gov/gwcomp/find/fonddulac/index_full.html. Protecting Wisconsin's Groundwater Through Comprehensive Planning.

Wellhead Protection Areas

Seven of Twelve municipalities within Fond du Lac County have wellhead protection plans: Fond du Lac, Campbellsport, Fairwater, Mary Hill Park, Oakfield, St. Cloud and Waupun.[28] All have a wellhead protection ordinance except the Village of Fairwater and the City of Fond du Lac. Wellhead protection plans are developed to achieve groundwater pollution prevention measures within public water supply wellhead areas. A wellhead protection plan can be all of or part of the well recharge area. The well recharge area is the entire area of land that allows water and other fluids to flow into the subsurface and move toward the well.

According to the WDNR website[29] there are no wellhead protection plans within the Fond du Lac MPO. However, a more thorough search found wellhead protection areas within the City of Fond du Lac and the Village of North Fond du Lac. Exhibit 7-3 and Inserts A, B, C and D include a 1,200 foot buffer around the existing municipal wells and the 5-year time of travel capture zone (for areas where the information is available).

Mitigation Issues and System Level Mitigation Measures

Wells provide direct links to the groundwater system. Additionally pollutants on the land can seep into the ground and move towards municipal wells. Potential impacts to wellhead protection areas should be considered during planning, design, construction and maintenance of transportation projects. If a wellhead protection area is impacted specific measures to protect the wellhead will depend on the depth to bedrock; type of bedrock; soil characteristics; depth to water table; and characteristics of surficial deposits. At a minimum, care should be taken to direct stormwater runoff away from these areas. Storage of hazardous materials and parking and storing equipment shall be avoided in these areas since paint, solvents, fuel, oil and other materials have the potential to leach into the groundwater system.

Potential projects that are within either 1,200 feet of a municipal well or within the 5-year time of travel capture zone include: USH 151 Bypass Grade Separation (Project 1); USH 41 Reconstruction (Project 2); STH 23 (West Johnson Street) Reconstruction (Project 4); CTH K Reconstruction (Project 5); CTH T Reconstruction (Project 8); CTH V Reconstruction (Project 10); CTH VV (Pioneer Road) Reconstruction (Project 11); CTH VV (Pioneer Road Rail Separation (Project 13); Johnson Street (STH 23) Intersection Safety Improvements (Project 14); Mascoutin Valley Trail Extension (Project 16); Plank Trail Extension (Project 17); Wild Goose Trail Extension (Project 20); USH 45 (Main Street) Reconstruction (Project 21); USH 45 Maintenance (Project 22); Doty Street Bridge Reconstruction (Project 26); USH 45/Eden – Fond du Lac Resurface (Project 29); and Arndt Street Bridge, City of Fond du Lac Rehabilitation (Project 31).

Watersheds and Drainage

The WDNR has divided the state into three major river basins; the Fond du Lac MPO is contained entirely within the Lake Michigan Basin.[30] Each major river basin is further broken down into hydrologically based Water Management Units (WMUs). The Fond du Lac MPO is

[28] http://wi.water.usgs.gov/gwcomp/find/fonddulac/index_full.html. Protecting Wisconsin's Groundwater Through Comprehensive Planning.

[29] List Of Communities In Wisconsin With Wellhead Protection Plans (Updated July 8, 2008). http://www.dnr.state.wi.us/org/water/dwg/gw/whp/communities.pdf

[30] http://www.dnr.state.wi.us/org/gmu/sidebar/whatis.htm#major, 2/16/10

part of the Upper Fox River WMU or basin (Exhibit 7-3 and Inserts A, B, C and D). Geographic Management Units (GMUs) are similar to WMUs but differ because they incorporate county boundaries and are not entirely hydrologically based. The Fond du Lac MPO is part of the Upper Fox River, Sheboygan and the Manitowoc GMUs. GMUs are further divided into smaller units based on smaller sub-watersheds. The Wisconsin DNR has completed several reports analyzing water quality for designated GMUs.[31]

The Upper Fox River Basin occupies a total of 2,090 square miles and is broken down into 15 sub-watersheds. Two sub-watersheds are part of the Fond du Lac MPO. These include the Lake Winnebago/East Sub-watershed and the Fond du Lac River Sub-watershed.[32]

- The Lake Winnebago/East Sub-watershed extends along the east shore of Lake Winnebago in Calumet and Fond du Lac Counties. This watershed was selected as a nonpoint source priority watershed project in 1989.

- The Fond du Lac River Sub-watershed is the second largest watershed in the Upper Fox River Basin with an area of about 225 square miles. It extends along the west shore of Lake Winnebago from Oshkosh to Fond du Lac and south to Oakfield. It also extends west, encompassing Rosendale and the Eldorado Marsh. This watershed was selected as a nonpoint source priority watershed project in 1996.

The Sheboygan Basin encompasses 615 square miles[33] and is broken down into six sub-watersheds. One sub-watershed, Sheboygan River, is part of the Fond du Lac MPO.

- Sheboygan River Sub-watershed covers about 260 square miles and is the largest watershed within the Sheboygan Basin.[34] It extends from east-central Fond du Lac County, into the southern portion of Calumet County, the southeast corner of Manitowoc County and from the northwest corner of Sheboygan County to the Sheboygan Rivers terminus at Lake Michigan in the City of Sheboygan.

The Lakeshore Basin is comprised of the Manitowoc River (5 sub-watersheds – 655.79 square miles) and Twin-Door-Kewaunee (7 sub-watersheds -1,121.57 square miles) sub-basins.[35] The entire basin includes 12 sub-watersheds and covers over 309 miles of Great Lakes shoreline. Door, Kewaunee, and Manitowoc counties are entirely contained within the basin, while the basin also includes portions of Brown and Calumet counties. A small portion of the Manitowoc River sub-basin is found within the Fond du Lac MPO.

- South Branch Manitowoc River Sub-watershed extends into Fond du Lac, Calumet and Manitowoc counties. The sub-watershed covers 189.10 square miles. The very southwest corner is part of the Fond du Lac MPO.

Mitigation Issues and System Level Mitigation Measures

Water resources are considered impacted if (1) polluted stormwater runoff reaches lakes, ponds, rivers and streams; (2) area vegetation is removed; (3) there is damage to stream beds

[31] WDNR. 2002. State of the Basin Reports. http://dnr.wi.gov/org/gmu/stateofbasin.html
[32] http://www.dnr.state.wi.us/org/gmu/upfox/upfox1.pdf. Accessed 2/22/10.
[33] http://sheboyganrivers.org/river.html
[34] http://www.dnr.state.wi.us/org/gmu/sheboygan/SHEBOYGAN_BASINPLAN.pdf
[35] http://dnr.wi.gov/org/gmu/sidebar/watersheds.html

or banks caused by heavy equipment; or (4) accidental spills such as paint, salt, solvent, etc. run directly into bodies of water. Therefore, surface water impacts should be considered during planning, design, construction and maintenance of transportation projects.

If it is determined that a water resource could be impacted by the project, if possible, steps should be taken to avoid impacts to these resources. If however, impacts are unavoidable, then a course of action should be established to minimize these impacts. Stormwater management should be incorporated into the site design, low impact development practices should be utilized that help infiltrate stormwater into the ground, instead of diverting stormwater directly to the water resource. Special requirements should be incorporated that address water resource sensitivity into the plans and specifications. Erosion control practices should be implemented to capture sediments and control runoff before site disturbance occurs. Specific projects that may potentially impact lakes, ponds, marshes, rivers, streams, wetlands and floodplains are discussed below under mitigation issues and system level mitigation measures.

Lakes and Ponds

Natural lakes in Wisconsin are categorized by the source of their water supply. The four types of natural lakes are: drainage lakes, seepage lakes, spring lakes and drained lakes.[36]

- **Drainage lakes** have both an inlet and outlet whose main water source is stream drainage. Most major rivers in Wisconsin have drainage lakes along their course. Drainage lakes owe one-half of their maximum depth to a dam and are considered to be artificial lakes or impoundments.
- **Seepage lakes** do not have an inlet or an outlet, and only occasionally overflow. As landlocked water bodies, the principal source of water is precipitation or runoff, supplemented by groundwater from the immediate drainage area. Since seepage lakes commonly reflect groundwater levels and rainfall patterns, water levels may fluctuate seasonally. Seepage lakes are the most common lake type in Wisconsin.
- **Spring lakes** have no inlet, but do have an outlet. The primary source of water for spring lakes is groundwater flowing into the bottom of the lake from inside and outside the immediate surface drainage area.
- **Drained lakes** have no inlet, but like spring lakes, have a continuously flowing outlet. Drained lakes are not groundwater-fed. Their primary source of water is from precipitation and direct drainage from the surrounding land. Drained lakes are the least common lake type found in Wisconsin.

Six lakes/quarries/marshes are found within the Fond du Lac MPO; Lake Winnebago, Lake De Neveu, Supple Marsh, Lake Sally, Lake William and Devils Lake (Exhibit 7-3) and Inserts A and B.

- **Lake Winnebago**, a drainage lake, is the largest inland lake in Wisconsin; it has a maximum depth of 21 feet and covers about 137,708 acres. It also has the largest volume (696 billion gallons) and the longest shoreline (85 miles) than any lake in Wisconsin. According to the DNR, this water body is classified as “An Area of Special

[36] Wisconsin Lakes. WDNR, 2009.

Natural Resource Interest" (ASNRI). An ASNRI is an area that may have special sensitivity or is of ecological significance.

- **Lake De Neveu**, a seepage lake has a surface area of 79 acres and a maximum depth of about 67 feet.
- **Supple Marsh** is located along the southwestern shore of Lake Winnebago. According to the DNR, this water body is classified as "An Area of Special Natural Resource Interest" (ASNRI). An ASNRI is an area that may have special sensitivity or is of ecological significance.
- **Lake Sally** – no information
- **Lake William –** no information
- **Devils Lake** is located north of Lake De Neveu. According to the DNR Devils Lake has a surface area of 1 acre and a maximum depth of 5 feet.

Mitigation Issues and System Level Mitigation Measures

Protection of lakes and ponds require mitigation measures that are centered around sound construction management practices and permitting. Project level reviews should include, but are not limited to proper permits, soil erosion protections, control and limitation of pollutants, vegetation buffers and sedimentation control measures. Projects that are in the vicinity of lake and marshes within the Fond du Lac MPO include USH 41 Reconstruction (Project 2) lakes Sally and William; Lakeshore Drive Railroad Overpass Construction (Project 15) Supple Marsh and Lake Winnebago; USH 45 Maintenance (Project 22) Supple Marsh and Lake Winnebago; Winnebago Drive Bridge Reconstruction (Project 28) Lake Winnebago; and USH 45/Eden – Fond du Lac Resurface (Project 29) Lake De Neveu and Devil's Lake.

Rivers and Streams

There are 14 named rivers and streams within the Fond du Lac MPO (Exhibit 7-3 and Inserts A, B, C and D).[37]

- **De Neveu Creek** (Lake Winnebago East Sub-watershed) is a 12-mile creek that flows from the De Nevue Lake area to Lake Winnebago.
- **Taycheedah Creek** (Lake Winnebago East Sub-watershed) is a 10 mile creek that flows toward the southern end of Lake Winnebago. According to the DNR, this water body is classified as "An Area of Special Natural Resource Interest" (ASNRI). An ASNRI is an area that may have special sensitivity or is of ecological significance.
- **Fond du Lac River** (Fond du Lac River Sub-watershed) is formed by the juncture of the East and West Branches of the Fond du Lac River in the City of Fond du Lac. It flows approximately 2 miles to Lake Winnebago and is a totally urban waterway whose pollutant load includes the urban and rural loading for the East and West Branches. According to the DNR, this water body is classified as "An Area of Special Natural Resource Interest" (ASNRI). An ASNRI is an area that may have special sensitivity or is of ecological significance.
- **West Branch of the Fond du Lac River** (Fond du Lac River Sub-watershed) is 26 miles in length and starts in northwest Fond du Lac County and flows generally southeast to its convergence with the East Branch. According to the DNR, this water body is classified as "An Area of Special Natural Resource Interest" (ASNRI). An ASNRI is an area that may have special sensitivity or is of ecological significance.

[37] State of the Upper Fox Basin. http://www.dnr.state.wi.us/org/gmu/upfox/

- **East Branch of the Fond du Lac River** (Fond du Lac River Sub-watershed) is 14.5 miles long. It begins in south central Fond du Lac County and flows northeasterly to its junction with the West Branch of the Fond du Lac River in the City of Fond du Lac.
- **Parson's Creek** (Fond du Lac River Sub-watershed) is a small 6-mile tributary to the East Branch of the Fond du Lac River. The tributary originates along the Niagara Escarpment.
- **Anderson Creek** (Fond du Lac River Sub-watershed) is a 5 mile creek that originates near CTH OO and I in Fond du Lac County and flows northeast toward Lake Winnebago.
- **Mosher Creek** (Fond du Lac River Sub-watershed) in a 3 mile creek that originates near CTH OO and I in Fond du Lac County and flows northeast toward Lake Winnebago.
- **Popular Creek** (Fond du Lac River Sub-watershed) is a tributary to Lake Winnebago.
- **Supple Creek** (Fond du Lac River Sub-watershed).
- **McDermott Creek** (Lake Winnebago East Sub-watershed) is a tributary De Neveu Creek.
- **Sheboygan River** (Sheboygan River Sub-watershed). The beginning of the Sheboygan River is found within the Fond du Lac MPO. This river flows into Lake Michigan.
- **South Branch of the Manitowoc River** (Manitowoc River Sub-watershed) begins in northeastern Fond du Lac County and flows northeasterly into Calumet County.
- **Crystal Creek** (Lake Winnebago East Sub-watershed)

Mitigation Issues and System Level Mitigation Measures

Most transportation projects within the Fond du Lac MPO area are in the vicinity of rivers and streams and may impact the waterways. Mitigation measures to protect rivers and streams are centered around sound construction management practices and permitting. Project level reviews should include, but are not limited to proper permits, soil erosion protections, control and limitation of pollutants, vegetation buffers and sedimentation control measures. Specific projects include: USH 151 Bypass Grade Separation (Project 1) East Branch of the Fond du Lac River, De Neveu Creek, and Taycheedah Creek; USH 41 Reconstruction (Project 2) Anderson, Mosher and Supple creeks, West Branch of the Fond du Lac River and the East Branch of the Fond du Lac River; STH 23 East Johnson Street) Reconstruction (Project 4) Taycheedah Creek; CTH K Reconstruction (Project 5) Taycheedah Creek; CTH T (Esterbrook Road) Reconstruction (Project 6) Mosher Creek; CTH T Reconstruction (Project 7) West Branch of the Fond du Lac River; CTH T Reconstruction (Project 8) McDermott, De Neveu and Taycheedah creeks; CTH V Reconstruction (Project 10) De Neveu, McDermott and Taycheedah creeks; CTH VV (Pioneer Road) Reconstruction (Project 11) De Neveu Creek and the East Branch of the Fond du Lac River; CTH VV Reconstruction (Project 12) East and West Branch of the Fond du Lac River; Johnson Street (STH 23) Intersection Safety Improvements (Project 14) Fond du Lac River and De Neveu Creek; Mascoutin Valley Trail Extension (Project 16) Supple Creek; Plank Trail Extension (Project 17) Taycheedah Creek; Prairie Road Construction (Project 18) McDermott Creek; Wild Goose Trail Extension (Project 20) East Branch of the Fond du Lac River; USH 45 Maintenance (Project 22) Fond du Lac River, Supple, Anderson, Popular and Mosher creeks; STH 175 Resurface (Project 23) East Branch of the Fond du Lac River; STH 23 Corridor Study (Project 24) West Branch of the Fond du Lac River; Grove Street Bridge Reconstruction (Project 25) West Branch of the Fond du Lac River; Doty Street Bridge Reconstruction (Project 26) East Branch of the Fond du Lac River; CTH T Bridge Reconstruction (Project 27) West Branch of the Fond du Lac River; Winnebago Drive Bridge Reconstruction (Project 28) De Neveu Creek; USH 45/Eden – Fond du Lac Resurface (Project 29) De Neveu Creek; CTH VV, Fond du Lac County Bridge Reconstruction (Project 30) West Branch of the Fond du Lac River; Arndt Street Bridge, City of Fond du Lac Rehabilitation (Project 31) Fond du Lac River; and Subway Road, Town of Friendship CN RR Crossing Gates Construction (Project 32) Anderson Creek.

Designated Trout Streams

Wisconsin trout streams are placed into three classes for fish management purposes by the Wisconsin Department of Natural Resources[38]:

- **Class 1**. These are high quality trout waters, they have sufficient natural reproduction to sustain populations of wild trout at or near carry capacity. Consequently, streams in this category require no stocking of hatchery trout. These streams or stream sections are often small and may contain small or slow-growing trout, especially in the headwaters.
- **Class 2**. Streams in this classification may have some natural reproduction, but not enough to utilize available food and space. Therefore, stocking is required to maintain a desirable sport fishery. These streams have good survival and carryover of adult trout, often producing some fish larger than average size.
- **Class 3**. These waters are marginal trout habitat with no natural reproduction occurring. They require annual stocking of trout to provide trout fishing. Generally, there is no carryover of trout from one year to the next.

According to the WDNR, there are no designated trout streams within the Fond du Lac MPO.

Outstanding Resource Waters or Exceptional Water Resources

Wisconsin has designated many of the state's highest quality waters as Outstanding Resource Waters (ORWs) or Exceptional Resource Waters (ERWs). Waters designated as ORW or ERW are surface waters which provide outstanding recreational opportunities, support valuable fisheries and wildlife habitat, have good water quality, and are not significantly impacted by human activities. ORW and ERW status identifies waters that the State of Wisconsin has determined warrant additional protection from the effects of pollution. These designations are intended to meet federal Clean Water Act obligations requiring Wisconsin to adopt an "antidegradation" policy that is designed to prevent any lowering of water quality – especially in those waters having significant ecological or cultural value.[39]

- **ORWs:** ORWs typically do not have any point sources discharging pollutants directly to the water (for instance, no industrial sources or municipal sewage treatment plants), though they may receive runoff from nonpoint sources. New discharges may be permitted only if their effluent quality is equal to or better than the background water quality of that waterway at all times—no increases of pollutant levels are allowed.
- **ERWs:** If a waterbody has existing point sources at the time of designation, it is more likely to be designated as an ERW. Like ORWs, dischargers to ERW waters are required to maintain background water quality levels; however, exceptions can be made for certain situations when an increase of pollutant loading to an ERW is warranted because human health would otherwise be compromised.

Waters currently designated as ORWs and ERWs are listed in Wisconsin's Administrative Code in chapters NR 102.10 (ORWs) and NR 102.11 (ERWs). According to the WDNR website and the Wisconsin Administrative Code, there are no ORW or ERW waters listed within the Fond du Lac MPO.

[38] Wisconsin Trout Streams, WDNR. Last revised April 7, 2010. http://www.dnr.state.wi.us/fish/species/trout/streammaps.html.
[39] http://dnr.wi.gov/org/water/wm/wqs/orwerw/index.htm

Wetlands

Wetlands act as a natural filtering system for nutrients such as phosphorus and nitrates. More importantly, wetlands also serve as a natural buffer protecting shorelines and stream banks from erosion. Wetlands are essential in providing wildlife habitat, flood control and groundwater recharge. Consequently, local, state and federal regulations place limitations on the development and use of wetlands and shore lands. A number of the communities within the MPO have local ordinances that regulate wetlands. The U.S. Army Corps of Engineers has authority over the placement of fill materials in virtually all wetlands two acres and larger or adjacent to navigable waters. The Wisconsin Department of Natural Resources and United States Department of Agriculture also have jurisdiction over wetlands within Wisconsin. The U.S. Department of Agriculture incorporates wetland preservation criteria into its crop price support programs. Prior to placing fill or altering wetland resources, the appropriate agencies must be contacted to receive authorization.

Where possible, roadway severances of wetlands should be avoided. Fringe takings are less likely to cause significant impacts. Marsh disposal into wetlands should be minimized or avoided. Special disposal methods for excavated material are also recommended. Where practicable, slopes can be steepened to minimize the amount of wetland fill. The use of permeable, granular-fill material will help maintain the natural surface water movement.

Construction should be restricted during critical nesting, breeding, or spawning periods, if these have been identified for a project site. Construction windows, if needed, are usually recommended by the DNR or the U.S. Fish and Wildlife Service on an individual project basis. After construction, the disturbed areas will need to be revegetated. On site soil conditions, land contours, and surrounding vegetation are some of the factors to consider when selecting a suitable roadside cover.[40]

The wetlands surveyed according to the Wisconsin Wetlands Inventory (WWI) Map are shown in Exhibit 7-4 and Inserts A, B, C and D. The WWI maps show graphic representations of the type, size and locations of wetlands in Wisconsin. They have been prepared from the analysis of high altitude imagery in conjunction with soil surveys, topographic maps, previous wetland inventories and field work. Therefore it should be noted that using remotely sensed information as a primary data source places limitations on the information. As a result this information should be used as a guide for planning purposes only.[41] Wetland information depicted within this report was obtained from the WNDR in 2004.

Wetlands within the Fond du Lac MPO are somewhat scattered, but larger wetland associations are found near Lake Winnebago. Wetland areas are also found north of the Village of North Fond du Lac and in the eastern part of the MPO. Wetland vegetation can be classified as Forested Broad Leaved Deciduous, Forested Emergent Wet Meadow, Emergent Wet Meadow, Shrub/Shrub Broad Leaved Deciduous. Not including small tracts of wetlands (less than five acres); only about 3.1 percent (1,595.3 acres) of the Fond du Lac MPO is classified as wetlands.

Mitigation Issues and System Level Mitigation Measures

If at all possible avoid locations in proximity to wetlands. If project location is unavoidable, a

[40] Source: WisDOT Facility Design Manual, Chapter 25, Section 5. https://trust.dot.state.wi.us/static/standards/fdm/24-05.pdf
[41] http://dnr.wi.gov/wetlands/inventory.html

wetland mitigation plan should be developed that identifies measures proposed to minimize adverse impact and replace lost wetland habitat values and other wetland functions and values. A mitigation plan should include design features such as culverts to retain hydrological connection between areas fragmented by the project, soil erosion protections, control and limitation of pollutants, vegetation buffers and sedimentation control measures. Mitigation measures should be centered around sound construction management practices and permitting.

Several projects within the Fond du Lac MPO either cross, are in proximity to or go through a DNR designated wetland. These projects include: USH 151 Bypass Grade Separation (Project 1); USH 41 Reconstruction (Project 2); CTH K Reconstruction (Project 5); CTH T Reconstruction (Project 8) *wetlands within buffer*; CTH V Reconstruction (Project 10); Lakeshore Drive Railroad Overpass Construction (Project 15); Plank Trail Extension (Project 17) *wetlands within buffer*; Wild Goose Trail Extension (Project 20) *wetlands within buffer*; USH 45 Maintenance (Project 22); and USH 45/Eden – Fond du Lac Resurface (Project 29).

Floodplains

Areas susceptible to flooding are considered unsuitable for development due to potential health risks and property damage. Floodplain information for the MPO was certified by FEMA on November 4, 2009. 100 year floodplain information is shown on Exhibit 7-4 and Inserts A, B, C and D.

Floodplains are found throughout the MPO and are predominately associated with Lake Winnebago, and the various rivers, streams and creeks. The highest concentration of floodplains are found within the City of Fond du Lac. Approximately 8.3 percent (4,280.4 acres) of land within the Fond du Lac MPO are within the 100 year floodplain.

Mitigation Issues and System Level Mitigation Measures

In general, several projects are either within close proximity or are in a 100 year floodplain. Most of these projects represent stream and river crossing or work near Lake Winnebago. However, from a system level view, the Fond du Lac area is prone to flooding. Therefore, project staging and safety/security issues should be coordinated to avoid potential flood evacuation and emergency response problems during construction. Maps contained in this report should help facilitate examination of these system level issues by transportation or emergency management agencies and land use decision makers to potentially mitigate impacts of floods on public property and on public safety.

Additionally, there is a special need for sound construction engineering and management practices when constructing public facilities in flood prone areas.

Projects that are either within or in close proximity to a 100 year floodplain include: USH 151 Bypass Grade Separation (Project 1); USH 41 Reconstruction (Project 2); CTH K Reconstruction (Project 5); CTH T Reconstruction (Project 7); CTH T Reconstruction (Project 8); CTH V Reconstruction (Project 10); CTH VV (Pioneer Road) Reconstruction (Project 11); CTH VV Reconstruction (Project 12); Johnson Street (STH 23) Intersection Safety Improvements (Project 14); Lakeshore Drive Railroad Overpass (Project 15); Prairie Road Construction (Project 18); Wild Goose Trail Extension (Project 20); USH 45 (Main Street) Reconstruction (Project 21); USH 45 Maintenance (Project 22); STH 175 Resurface (Project 23); Grove Street Bridge Reconstruction (Project 25); Doty Street Bridge Reconstruction (Project 26); CTH T Bridge

Reconstruction (Project 27); Winnebago Drive Bridge Reconstruction (Project 28); USH 45/Eden – Fond du Lac Resurface (Project 29); CTH VV, Fond du Lac County Bridge Reconstruction (Project 30); and Arndt Street Bridge, City of Fond du Lac Rehabilitation (Project 31).

Hazardous and Contaminated Sites

The WDNR Bureau of Waste Management Program operates the Solid and Hazardous Waste Information System (SHWIMS) provides access to information on sites, and facilities operating at sites, that are regulated by the Wisconsin DNR Waste Management program. Activities that occur at facilities include landfill operation, waste transportation, hazardous waste generation, wood burning, waste processing, sharps collection and many more. A search of the data base for solid waste landfills/disposal facilities indicates that there are 19 landfills/disposal facilities within the Fond du Lac MPO.

Table 7-2
Solid Waste Landfills and Disposal Facilities

Facility Name	Location	Status
Agriland Coop	457 W. 11th St., C. Fond du Lac	Unknown
Ashbury Farm Apartments	370 Seymour St., C. Fond du Lac	Unknown
Bud Bender Property	N7827 Hwy 151, T. Taycheedah	Unknown
Chaparral Inc.	N7555 Lake Shore Dr, T. Friendship	Unknown
Chicago & Northwestern RR Co.	W6361 Northwestern Ave., T. Friendship	Operating
City Disposal Corp	NW ¼ of the NW ¼ of S. 21, T. 15 N. R. 17 E.	Closed
Fond du Lac County LF	Rolling Meadows Dr, C. Fond du Lac	Closed
Fond du Lac County	Oshkosh St. and Arndt St., C. Fond du Lac	Unknown
Fond du Lac City Demolition LF	751 Sullivan Dr., C. Fond du Lac	Unknown
T. Friendship/N. Fond du Lac Compost	W6577 Subway Rd. T. Friendship	Closed
Kwik Trip #101 (former)	235 w. Scott St., C. Fond du Lac	Unknown
L & H Gyr Excavating Gravel Pit	Hwy 151, T. Taycheedah	Operating
Village of N. Fond du Lac	S. End of Indiana Ave., V. N. Fond du Lac	Unknown
Rueping Leather US EPA	93 Doty St., C. Fond du Lac	Closed
Sisters of St. Agnes Development	330 CTH K, C. Fond du Lac	Unknown
Supples Marsh	Howard Litscher Memorial Dr., C. Fond du Lac	Unknown
T. Taycheedah LF	Silica Road, T. Taycheedah	Closed
Tom Baker Property	1330 S. Main St., C. Fond du Lac	Unknown
Touchet Arthur L. Property	W4501 Eleanore Ln., T. Empire	Unknown

Source: WDNR SHWIMS on the Web. May 28th, 2010

The WDNR Remediation and Redevelopment (RR) Program oversees the investigation and cleanup of environmental contamination and the redevelopment of contaminated properties. A tracking system, the Bureau of Remediation and Redevelopment Tracking System (BRRTS) is available on the internet. This on-line database provides information about contaminated properties and other activities related to the investigation and cleanup of contaminated soil or groundwater in Wisconsin. According the website, there are 547 Environmental Repair (ERP[42])

[42] ERP sites are sites other than LUSTs that have contaminated soil and/or groundwater. Examples include industrial spills (or dumping) that need long term investigation, buried containers of hazardous substances, and closed landfills that have caused contamination. The ERP module includes petroleum contamination from above-ground (but not from underground) storage tanks.

sites and Leaking Underground Storage Tank (LUST[43]) Sites in Fond du Lac County (See Appendix D for complete list).

Mitigation Issues and System Level Mitigation Measures

While hazardous materials contamination is more of an issue in project construction design and best management practices, as developed through the project review and construction permit process. Consideration of these sites at the stage of system planning may enhance opportunities to coordinate site closure, cleanup, construction and remediation economies of scale and permit earlier more cost effective environmental mitigation of these sites. Mitigation practices for hazardous/contaminated materials or sites include a project area contamination survey to determine if any known or potential sites of environmental contamination exist that could affect the project's design, cost or schedule. Common hazardous/contaminated sites identified include leaking underground fuel storage tanks from former or existing gas stations, former landfills, adjacent industrial or commercial operations and asbestos lined utility pipes or structure components. Special attention may be warranted when transportation projects and LUST site clusters also correspond to wellhead, flood prone or other areas where mitigation may be even more important to protect public health.

Wildlife Resources

Wildlife Habitat

Ecological landscapes are areas that differ from each other in ecological attributes and management opportunities. They have unique combinations of physical and biological characteristics, such as climate, geology, soils, water and vegetation. Levels of biological productivity, habitat suitability, and the presence of rare species and natural communities also differ. The Fond du Lac MPO falls entirely within the Southeast Glacial Plains Ecological Landscape.[44]

- **Southeast Glacial Plains Ecological Landscape** covers the bulk of the non-coastal area in southeast Wisconsin and totals approximately 4.9 million acres. This landscape is characterized by gently rolling to flat topography with clay or silt loam textured soils on glacial till plains and moraines. The Kettle Interlobate Moraine and Horicon Marsh are part of this ecological landscape.

The ecological landscape is home to a diverse aquatic and animal population. Wetlands, marshes, open wet meadows, streams, rivers and lakes provide habitat for muskrat, mink, beaver, otter, sandhill crane and sedge wren. Other habitats found within the MPO include woodlands and farmland.

Woodlands

Originally, deciduous forests, including sugar maple, basswood and oak (red, white, black and burr), covered the eastern and western parts of the Fond du Lac MPO.[45] Prairie and brush

[43] A LUST site has contaminated soil and/or groundwater with petroleum, which includes toxic and cancer causing substances. However, given time, petroleum contamination naturally breaks down in the environment biodegradation). Some LUST sites may emit potentially explosive vapors.

[44] WDNR, http://dnr.wi.gov/landscapes/index.asp. Accessed 2/25/10.

[45] http://dnr.wi.gov/landscapes/pdfmaps/state/finleys.pdf

made up the areas south of Lake Winnebago. Today, woodlands are scattered throughout the MPO and are mainly associated with waterways and the Niagara Escarpment. However, other small pockets of woodlands exist throughout the MPO. Woodlands should be considered as prime wildlife habitat areas.

Woodlands can be classified into one of two categories: general (unplanted) woodlands and planted woodlands (Exhibit 7-5). General woodlands are naturally occurring forests and hedgerows. Planted woodlands are tree plantations in which trees are found in rows; these areas include orchards, timber tracts and other general uses. Woodland information was obtained from land use data that was interpreted from aerial photographs and field verified. Land use data was updated by ECWRPC in May of 2010.

Mitigation Issues and System Level Mitigation Measures

In general, a visual inspection allows identification of areas where continuous stands of woodlands should be considered in relation to projects.

Although some tree removal will be necessary, existing and ornamental vegetative cover should be retained whenever possible within the right-of-way. Where existing groundcover must be removed, replacement vegetation should be established in a timely manner using seed and mulch or sod. Roadside trees adjacent to residences should be saved whenever possible. Where trees are to be removed in front of residences, property owners should be given appropriate notice, and should be offered replacement trees to help offset the functional or aesthetic loss of the trees.

Replacement tree species, size and number will be determined by the WisDOT following coordination with adjacent property owners.

Several projects within the Fond du Lac MPO either cross, are in proximity to, or go through woodlands. These projects include USH 151 Bypass Grade Separation (Project 1); USH 41 Reconstruction (Project 2); STH 23 (East Johnson Street) Reconstruction (Project 4); CTH K Reconstruction (Project 5); CTH T (Esterbrook Road) Reconstruction (Project 6); CTH T Reconstruction (Project 7); CTH V Reconstruction (Project 10); CTH VV (Pioneer Road) Reconstruction (Project 11); CTH VV Reconstruction (Project 12); Plank Trail Extension (Project 17); Wild Goose /Prairie Trail Connector (Project 19); Wild Goose Trail Extension (Project 20); USH 45 Maintenance (Project 22); STH 175 Resurface (Project 23); Grove Street Bridge Reconstruction (Project 25); CTH T Bridge Reconstruction (Project 27); Winnebago Drive Bridge Reconstruction (Project 28); USH 45/Eden – Fond du Lac Resurface (Project 29); CTH VV, Fond du Lac County Bridge Reconstruction (Project 30); Arndt Street Bridge, City of Fond du Lac Rehabilitation (Project 31); and Subway Road, Town of Friendship CN RR Crossing Gates Construction (Project 32).

Rare, Threatened and Endangered Species and Natural Communities

The Fish and Wildlife Service (FWS) in the Department of the Interior and the National Oceanic and Atmospheric Administration (NOAA)-Fisheries in the Department of Commerce (National Marine Fisheries Service – NMFS) share responsibility for administration of the Endangered Species Act (ESA)[46]. The purpose of the ESA is to protect and recover imperiled species and

[46] http://www.fws.gov/endangered/factsheets/ESA_basics.pdf. http://www.fws.gov/endangered/whatwedo.html.

the ecosystems upon which they depend. The FWS has primary responsibility for terrestrial and freshwater organisms, while the NMFS are mainly responsible for marine wildlife such as whales and anadromons fish such as salmon.

Under the ESA, species may be listed as either endangered or threatened. "Endangered" means a species is in danger of extinction throughout all or a significant portion of its range. "Threatened" means a species is likely to become endangered within the foreseeable future. Before a plant or animal species can obtain the protection of the ESA, it has to be added to the Federal lists of threatened and endangered plants and wildlife. The List of Endangered and Threatened Wildlife (50 CFR 17.11) and the List of Endangered and Threatened Plants (50 CFR 17.12) contain the names of all species of mammals, birds, reptiles, amphibians, fishes, insects, plants and other creatures that have been determined by the USFWS and the National Oceanic & Atmospheric Administration (NOAA) Fisheries (for most marine life) to be in greatest need of Federal protection. As of March 2008, the FWS has listed 1,925 species worldwide as endangered or threatened; 1,351 occur in the United States.

Species are listed as endangered or threatened based solely on their biological status and threats to their existence. FWS considered five factors when evaluating a species (1) damage to, or destruction of, a species habitat; (2) overutilization of the species for commercial, recreational, scientific or educational purposes; (3) disease or predation; (4) inadequacy of existing protection; and (5) other natural or manmade factors that affect the continued existence of the species.

Candidate species are plants and animals for which the USFWS has sufficient information on their biological status along with the threats they face, to propose them as endangered or threatened under the Endangered Species Act. However, development of a proposed listing regulation is precluded by other, higher priority listing activities. Candidate species receive no legal protection. However, the USFWS encourages concerned parties to form partnerships to conserve these species, because they are species that may warrant protection in the future under the ESA.

The Wisconsin Natural Heritage Inventory (NHI) program[47,48] is part of an international network of NHI programs. The program uses a standard methodology for collecting, characterizing, and managing data. NHI programs focus on locating and documenting occurrences of rare species and natural communities, including state and federal endangered and threatened species. Due to the vulnerability of rare species to collection and destruction, NHI data is exempt from the Wisconsin Open Records Law.

The U.S. Fish and Wildlife Service (USFWS) identifies' one (1) federally listed species for Fond du Lac County[49], while the Wisconsin Natural Heritage Inventory identifies 42 aquatic and

[47] WDNR. http://dnr.wi.gov/org/land/er/nhi/CountyMaps/. Accessed 2/26/10.

[48] The DNR Aquatic Terrestrial Resource Inventory (ATRI database), http://wiatri.net/indexIE.htm was reviewed but not utilized since the database contains information from the WNHI program. The WNHI program houses the most complete database on the locations and status of rare species, natural communities, and natural features in Wisconsin. Data provided by the WNHI are not based on a comprehensive rare species inventory of the state. The WNHI makes no guarantee or warranty concerning the accuracy or completeness of information contained in the database and does not necessarily endorse any interpretation or products derived from the data.

[49] http://www.fws.gov/midwest/endangered/. Revised January 2010.

terrestrial animal occurrences, 13 aquatic and terrestrial plant occurrences and 23 aquatic and terrestrial natural community occurrences (Exhibit 7-5 and Inserts A, B,C and D)[50].

Below is a listing of federally endangered species:

Table 7-3
Federally Listed Endangered, Threatened, Proposed and Candidate Species
Fond du Lac County

Species	Status	Habitat
Whooping crane (Grus Americanus)	****Non-essential experimental population**	**Open wetlands and lakeshores**

Source: http://dnr.wi.gov/org/land/er/nhi/countyMaps/pdfs/Fond_du_Lac_County.pdf. Revised January 2010.

Generalized versions of the database is included on Exhibit 7-5 and Inserts A, B, C and D and Appendix E. Of the 14 areas of occurrence in the Fond du Lac MPO, eight are terrestrial in nature and six are aquatic. One Natural Community (terrestrial) is found within the MPO.

Mitigation Issues and System Level Mitigation Measures
Fond du Lac County is home to one federally listed species. In addition, 14 areas of occurrence have been noted in the Fond du Lac MPO per the Wisconsin Natural Heritage Inventory. Early in the planning phase, field surveys may be necessary to identify rare, endangered and threatened species and/or habitat that may be impacted during construction and continued maintenance of the project. Depending on the species identified; seasonal and other limitations may be imposed on the project.

In general, Exhibit 7-5 and Inserts A, B, C and D indicate sections where terrestrial and aquatic occurrences have been noted. Projects that may be impact WDNR endangered species habitat include: USH 151 Bypass Grade Separation (Project 1); STH 23 (East Johnson Street) Reconstruction (Project 4); CTH K Reconstruction (Project 5); CTH T Reconstruction (Project 8); Lakeshore Drive Railroad Overpass (Project 15); Plank Trail Extension (Project 17); USH 45 Maintenance (Project 22) and Winnebago Drive Bridge Reconstruction (Project 28).

Parks, Open Space, and Recreational Resources

Public open space such as parks and parkways are important to the quality of life within a community. These lands serve many purposes including outdoor recreation and education; buffers between different land uses; flood and stormwater management; habitat preservation; air and surface water quality improvements; protection of groundwater recharge areas; and aesthetics.

Mitigation Issues and System Level Mitigation Measures
Potential impacts on parks, open space and recreational areas should be considered during the planning, design, construction and maintenance of transportation projects. Parks, open space and recreational areas are considered impacted if land is acquired for a project, if land is otherwise occupied (such as a retention basin) in a manner that is adverse to the recreational purpose of the land or if a project in the proximity of the resource substantially impacts its purpose.

[50] http://dnr.wi.gov/org/land/er/nhi/countyMaps/pdfs/Fond_du_Lac_County.pdf. Accessed 5/20/10

Section 4(f) of the United States Department of Transportation Act of 1966 (subsequently codified into 49 United States Code Section 303) stipulates that federally funded transportation projects cannot use publicly-owned public parks or recreation areas unless there is no feasible and prudent alternative to the use of the land, and that the action includes all possible planning to minimize harm resulting from the use.

Planning should include an inventory of existing and future identified park, open space and recreation areas to determine if the resource could be impacted by the transportation project. If possible avoid impacts to park, open space and recreational areas. Where impacts are unavoidable, mitigate them as much as possible. Some mitigation techniques to consider include (1) acquiring the impacted property and compensating for the loss either monetarily or by acquiring replacement land; (2) acquire scenic easements and construct appropriate visual screening consistent with the context of the recreational use; (3) Restore, relocate or rehabilitate impacted features and context (natural areas and facilities); (4) Preserve as much of the resource and site features as possible; and (5) avoid and mitigate new visual, atmospheric, and/or audible elements that detract from the character of the resource.

Wisconsin Department of Natural Resources (WDNR) and Public Lands

Since 1876, the State of Wisconsin has been acquiring land to meet conservation and recreation needs. Public lands managed by the Wisconsin Department of Natural Resources provide many opportunities and public spaces to hunt, fish, hike, canoe, or watch or photograph wildlife.

State Fishery Areas (SFAs) protect important waterways in Wisconsin by providing a natural buffer from agricultural practices and urban runoff. SFAs often preserve and manage the headwaters of springs or streams which serve as the biological base for fish and other aquatic life. SFAs also increase the availability of public access to navigable waterways throughout the state. There are no SFAs in the Fond du Lac MPO.

State Wildlife Areas are managed to sustain the wildlife and natural communities found on the properties and to provide a full range of traditional outdoor recreational uses. There are no State Wildlife Areas in the Fond du Lac MPO.[51]

State Parks and Forests provide places for outdoor recreation and for learning about nature and conservation. There are no State Parks or Forests in the Fond du Lac MPO.[52]

Open Space

Public open spaces such as parks, recreational trails, environmental corridors, natural areas and parkways are important to the quality of life within a community. These lands serve many purposes including outdoor recreation and education; buffers between different land uses; flood and stormwater management; habitat preservation; air and surface water quality improvements; protection of groundwater recharge areas; and aesthetics. They can also enhance the value of nearby properties.

[51] http://dnr.wi.gov/org/land/wildlife/wildlife_areas/
[52] http://dnr.wi.gov/org/land/parks/index.html

Recreational Trails

Four county recreational trails intersect the Fond du Lac MPO and are listed below, the STH 23 Trail is proposed (Exhibit 7-6 and inserts A, B, C and D).[53]

- **Wild Goose State Trail** runs from Rolling Meadow Drive in the City of Fond du Lac to about four miles south of the City of Juneau in Dodge County.
- **Mascouton Valley Trail** originates on the eastside of USH 41 and continues east for 32 miles from Fond du Lac to Rosendale.
- **Peeples Trail** is a 5.6 mile segment on an abandoned railroad right-of-way and active road from Fond du Lac west to St. Peter.
- **Prairie Trail** is a seven mile pathway along STH 151 Fond du Lac Bypass between Martin Road and Winnebago Drive. It is part of a connecting series of trails designed to link Wild Goose State Trail, the Peeples Trail and the future Plank Road Trail.
- **Plank Road Trail Extension (USH 151 to MPAB - proposed)** – Project 17
- **Mascoutin Valley Trail Extension (CTH VV to CTH VVV – proposed)** – Project 16
- **Wild Goose/Prairie Trail Connector** – Project 19. Connector to link the Wild Goose and Prairie Trails.
- **Wild Goose Trail Extension** – Project 20. Construct a 0.75 mile extension to the Wild Goose Trail from CTH VV to CTH VVV.

Mitigation Issues and System Level Mitigation Measures

Numerous projects will be impacting recreational trails in the Fond du Lac area. These projects include the USH 151 Bypass Grade Separation/Prairie Trail/Wild Goose State Trail (Project 1); CTH K Reconstruction/Prairie Trail (Project 5); CTH T (Esterbrook Road) Reconstruction/Mascoutin Valley Trail (Project 6); CTH T Reconstruction/Prairie Trail (Project 8); CTH V Reconstruction/Prairie Trail (Project 10); Mascoutin Valley Trail Extension (Project 16); Plank Trail Extension/Prairie Trail (Project 17); and Wild Goose /Prairie Trail Connector (Project 19); USH 45/Eden – Fond du Lac Resurface/Prairie Trail (Project 29). While, disruption of the trail facilities in these areas is likely to occur, disruption should be limited to the extent possible. Additionally to limit the time that the facility will be out of use, the Mascoutin Valley Trail extension should be timed to occur, if possible with the USH 41 construction. Additionally construction could be timed to occur in seasons when use of these facilities would be less.

Heritage Routes and Rustic Roads

Heritage Routes

The Fox-Wisconsin Heritage Parkway is currently pursuing a federal designation as a National Heritage Area. The parkway follows the Marquette and Joliet route of discovery and incorporates the Lower Fox, the Upper Fox and the Lower Wisconsin rivers. Much of the Fond du Lac MPO is included within the parkway.

Rustic Roads

The Rustic Roads System was created by the State Legislature in 1973 to help citizens and local units of government preserve scenic lightly traveled country roads for the leisurely enjoyment of

[53] http://www.fdlco.wi.gov/Index.aspx?page=402

bicyclists, hikers, and motorists.[54] They offer excellent opportunities to travel through attractive rural areas. The scenic qualities of these roads are protected by agreement with bordering property owners and by implementing roadside maintenance practices that allow wildflowers and other native flora to extend to the edge to the pavement. According to the WisDOT website there are no rustic roads within the Fond du Lac MPO. [55]

Environmental Corridors

Environmental Corridors are continuous systems of open space created by the natural linkage of environmentally sensitive lands such as woodlands, wetlands and habitat areas that provide important travel ways for a variety of wildlife and bird species. These features are sensitive natural resources; preserving the corridors from development protects habitat and keeps non-point source pollution to a minimum thus ensuring that high quality groundwater and surface water is maintained and habitat is not impaired. Within the Fond du Lac MPO, environmental corridors include the Fox-Wisconsin Heritage Parkway, the Niagara Escarpment and the recreational trails.

Natural Areas/State, County and Local Parks/Nature Centers

Below is an inventory of natural areas, state, county and local parks and nature centers found within the Fond du Lac MPO.

County and State Facilities

County and state facilities provide for a range of active and passive regional recreational activities. A listing of these facilities and a brief description follows (Exhibit 7-6, Insets A, B, C, D):

- **Fond du Lac County Fairgrounds** is located in the City of Fond du Lac on Martin and Fond du Lac Avenue. The fairground, a multi-use, year-round facility occupies approximately 90 acres. Seven major buildings are available for use and include and exposition building and recreations center and four large barns. Besides the county fair, the fairgrounds are used for trade, auto, horse, craft and dog shows; major company and church picnics; dances; festivals; etcetera. The City of Fond du Lac also operates a municipal water park on the site, which includes playground and picnic equipment, two picnic shelters, a ball diamond, grandstand, horse arena, and horse shoe courts. Camping is available.
- **Veterans Park** is located on Main Street at the corner of Western Avenue in downtown Fond du Lac, on the site of the former county courthouse. This one acre park is dedicated in honor of all Fond du Lac County veterans.
- **Roosevelt Park** is located north of the City of Fond du Lac. Facilities at this 3 acre park include restrooms, picnic tables and swimming.
- **Highway 45 Wayside Park** is approximately eight acres in size, and is located on the west shore of Lake Winnebago about three miles north of Fond du Lac. Facilities at the park include parking, toilets, and a picnic shelter, grills and tables and a 4-lane launch and breakwater built in 2005 that provides a harbor of refuge.

[54] *WisDOT. 2005. Wisconsin's Rustic Roads: A Positive Step Backward. http://www.dot.state.wi.us/travel/scenic/rusticroads.html*
[55] *http://www.dot.wisconsin.gov/travel/scenic/rusticroad82.htm*

- **Gottfried Arboretum** located at the University of Wisconsin; Fond du Lac Campus is composed of 37.5 acres of native prairie, including 55 different kinds of native wildflowers and 6 species of native grasses. A 3.5-acre formal Arboretum contains 250 native trees and 140 native shrubs.[56]

While some local parks listed below provide activities for a more regional population, many found within the City of Fond du Lac and the Village of North Fond du Lac are classified as neighborhood parks and are designed to serve the very local population (Table 7-4 and Exhibit 7-6, Insets A, B, C, D).

Table 7-4
Local Parks

1	Name	Location
C. Fond du Lac	Adelaide Park	Arndt & Seymour Streets
C. Fond du Lac	Baseball Complex	Morningside Drive
C. Fond du Lac	Bellvue Park	Southgate Drive
C. Fond du Lac	Brookfield Park	Rienzi Road
C. Fond du Lac	Buttermilk Creek Park	Park Avenue
C. Fond du Lac	Franklin Park	Military Road
C. Fond du Lac	Fruthfield Park	9th Street
C. Fond du Lac	Hampton Park	Forest Avenue
C. Fond du Lac	Jefferson Park	9th Street
C. Fond du Lac	Lakeside East	Main Street
C. Fond du Lac	Lakeside West & Dog Park	Howard Litscher Drive
C. Fond du Lac	Lallier Park	National Avenue
C. Fond du Lac	Ledgeview Center	
C. Fond du Lac	McDermott Park	Johnson Street
C. Fond du Lac	Playmore Park	Division Street
C. Fond du Lac	Russell Park	Ashland Avenue
C. Fond du Lac	Taylor Park	Emma Street & Mary Avenue
V. North Fond du Lac	Lemieux Park	Chapman & North Streets
V. North Fond du Lac	Optomist Park	Park Ridge & Westfield
V. North Fond du Lac	Village Park	Winnebago Street
T. Black Wolf	Lions Park	Lone Elm Road

Source: City of Fond du Lac, Fond du Lac County and Village of North Fond du Lac websites

Mitigation Issues and System Level Mitigation Measures

Numerous park facilities have the potential to be impacted during construction of the transportation projects. While, the facilities themselves may not be impacted, access to the facilities could be restricted. Therefore, construction and timing near these facilities should be coordinated with the appropriate municipal and school departments so that disruption of facility use is limited. Park sites that could be potentially impacted include Lakeside Park West by the USH 45 reconstruction (Project 22); Fond du Lac County Fairgrounds by the CTH VV reconstruction (project 11) and several neighborhood parks.

[56] http://www.fdlco.wi.gov/Index.aspx?page=387

Recreation Facilities[57]

Recreational facilities within the Fond du Lac MPO are varied and include softball, soccer, swimming, tennis and golf courses. Many of these facilities have already been indentified above. Golf courses within the Fond du Lac MPO are included below:

- Rolling Meadows Golf Course, 560 Rolling Meadows Drive, a 27-hole championship golf course, is located at the southwestern edge of the City of Fond du Lac.
- South Hills Golf & Country Club, Fond du Lac.
- Whispering Springs Golf Course, 380 Whispering Springs Drive, Fond du Lac.
- Oak Green Golf Course, Pioneer Road, Fond du Lac.

Mitigation Issues and System Level Mitigation Measures

Numerous golf course facilities have the potential to be impacted during construction of the transportation projects. While, the facilities themselves may not be impacted, access to the facilities could be restricted. Therefore, construction and timing near these facilities should be coordinated with the appropriate golf course. Courses that may impacted include: the South Hills Golf & Country Club (USH 151 Bypass (Project 1), CTH V Reconstruction, (Project 9, 10), CTH VV Reconstruction, (Project 11)); Rolling Meadows Golf Course (USH 151 Bypass (Project 1), US 41 Reconstruction, (Project 2)); Whispering Springs Golf Course (STH 23 Reconstruction (Project 4), CTH Reconstruction, (Project 5)); and Oak Green Golf Course (USH 41 Reconstruction (Project 2)).

Proposed Facilities

Three proposed park facilities are shown on Exhibit 7-6. Care should be exercised during planning and construction of these transportation projects to consider these future locations.

Air Quality

Air quality, particularly good air quality, is often taken for granted. Clean air is vital to maintain public health. Sound local and regional planning can minimize negative impacts to the air. As communities become more spread out, the use of automobiles increases dramatically, resulting in more emissions and subsequent decrease in air quality. Emissions from certain industrial uses also have the potential to impact air quality.

The Clean Air Act, which was last amended in 1990, requires the Environmental Protection Agency (EPA) to set National Ambient Air Quality Standards for pollutants considered harmful to public health and the environment. Two standards are set; primary and secondary. Primary standard limits are set to protect public health, while secondary standards are set to protect public welfare (protection against decreased visibility, damage to animals, crops, vegetation and buildings). National Ambient Air Quality Standards are set for six principal pollutants; carbon monoxide, lead, nitrogen dioxide, particulate matter, ozone and sulfur dioxide.[58]

An ozone air quality monitoring site for Fond du Lac County is located at N3996 Kelly Road in the Town of Byron. The primary and secondary National Ambient Air Quality Standard for

[57] http://www.bing.com/search?q=Golf+Courses+in+Fond+du+Lac&src=IE-SearchBox&Form=IE8SRC
[58] http://www.epa.gov/air/criteria.html

ozone is 0.075 ppm.[59] EPA's website indicates that between 2005 and 2008, these standards were exceeded for the year 2005 at the Byron location.

According to the State and County Emission Summaries, residential wood combustion and miscellaneous were the major source of emissions in Wisconsin (56%), and Fond du Lac County (65%), in 2005 (Table 7-5).[60]

Table 7-5
State and County Emission Summaries, 2005

	Fond du Lac County		Wisconsin	
Source Sector	**Emissions Tons**	**Emissions Percent**	**Emissions Tons**	**Emissions Percent**
Residential Wood Combustion	303	21.78	20800	26.57
Miscellaneous	608	43.71	22864	29.21
Industrial Processes	126	9.06	7966	10.18
Road Dust	162	11.65	7762	9.92
Non Road Equipment	109	7.84	6189	7.91
Fossil Fuel Combustion	22	1.58	2273	2.90
On Road Vehicles	37	2.66	2586	3.30
Electricity Generation	10	0.72	5425	6.93
Waste Disposal	14	1.01	2209	2.82
Fires	-	-	102	0.13
Solvent Use	0	0	99	0.13
Total	1391	100.00	78275	100.00

Source: http//www.epa.gov/cgi-bin/broker?_service=date&_debug=0&_program=dataprog.dw_do_all_emis_2005.sas&pol=231&stfips=55

Mitigation Issues and System Level Mitigation Measures

Particulates in the air can cause or aggravate a number of health problems and have been linked with illnesses and deaths from heart and lung diseases.[61] Particulates of concern include both very small and somewhat larger dust particles and are a mixture of solids and liquids. Smaller particles (less than 10 micrometers) are of a greater concern because they can pass through the nose and throat and get deep into the lungs. Larger particles (greater than 10 micrometers) do not usual reach the lungs but they can irritate eyes, nose and throat.

Fine particulates (less than 2.5 micrometers) are produced anytime fossil fuels (coal, oil and diesel) or wood are burned. They are produced by power plants, wood stoves, motor vehicles, agricultural burning and forest fires to list a few. Coarse "dust" particles (2.5 to 10 micrometers) are produced during crushing or grinding and from vehicles traveling on paved or unpaved roads. They can also be produced by blowing wind over dusty surfaces. Mitigation activities can include watering of dusty surfaces, daily clean-up of dirt tracked on roadways, properly tuned vehicles, avoidance of on-site burning of wood and other waste materials.

[59] To attain this standard, the 3-year average of the fourth-highest daily maximum 8-hour average ozone concentrations measured at each monitor within an area over each year must not exceed 0.075 ppm.

[60] http://www.epa.gov/cgi-bin/broker?_service=data&_debug=0&_program=dataprog.dw_do_all_emis_2005.sas&pol=231&stfips=55

[61] http://www.airnow.gov/index.cfm?action=pubs.aqguidepart

Cultural Resources

Cultural Resources, like natural resources are valuable assets which should be preserved. These resources define a community's unique character and heritage. Included in this section is an inventory of historic buildings, sites, structures, objects, archeological sites and districts.

State and National Register of Historic Places

The Wisconsin Historical Society's Division of Historical Preservation (DHP) is a clearing house for information related to the state's cultural resources including buildings and archeological sites. The primary responsibility of the DHP is to administer the State and National Register of Historic Places programs. The National Register is the official national list of historic properties in the United States that are worthy of preservation. The program is maintained by the National Park Service in the U.S. Department of Interior. The State Register is Wisconsin's official listing of state properties determined to be significant to Wisconsin's heritage. The inventory is maintained by the DHP. Both listings include sites, buildings, structures, objects, and districts that are significant in national, state, or local history. Sites are chosen based on the architectural, archeological, cultural, or engineering significance.

Within the Fond du Lac MPO, there are 15 properties listed on the State and National Register of Historic Places.[62]

1. Aetna Station No. 5, 193 N. Main Street, Fond du Lac;
2. Chicago & Northwestern Railroad Depot, 182 Forest Avenue, Fond du Lac;
3. William I. Cole House, 303 Gillett Street, Fond du Lac;
4. George & Mary Agnes Dana House, 136 Sheboygan Street, Fond du Lac;
5. Rudolph & Louise Ebert House, 199 E. Division Street, Fond du Lac;
6. El Dorado Apartments, 130 Forest Avenue, Fond du Lac;
7. First Baptist Church of Fond du Lac, 90 S. Macy Street, Fond du Lac;
8. Edwin H. Galloway House & Village, 336 E. Pioneer Road, Fond du Lac;
9. Hotel Calumet, 170 Forest Avenue, Fond du Lac;
10. Hotel Retlaw, 15 E. Division Street, Fond du Lac;
11. Kendall-Blackenburg House, 47 Sixth Street, Fond du Lac;
12. Moose Temple, 17—23 Forest Avenue, Fond du Lac;
13. Octagon House, 276 Linden Street, Fond du Lac;
14. Montgomery & Nancy Tallmadge House, 225 Sheboygan Avenue, Fond du Lac; and
15. Wallace-Jagdfeld Octagon House, 171 Forest Avenue, Fond du Lac.

Additionally three historic districts are also listed on the State and National Register of Historic Places.

- Linden Street Historic District, 253 to 295 and 274 to 304 Linden Street, Fond du Lac;
- North Main Street Historic District, Approximately from Main Street from Merrill to Sheboygan, Fond du Lac; and
- North Main Street Historic District, Approximately bounded by West Thorne, Lincoln, Howard and Metomen streets.

[62] http://www.wisconsinhistory.org/hp/register/summary.asp. Accessed 3/1/10.

The National Register is not a static inventory. Properties are constantly being added, and, less frequently, removed. It is, therefore, important to access the most updated version of the National Register properties. This can be found by accessing the DHP website (http://www.wisconsinhistory.org/hp/register/summary) or by contacting the DHP at (608)264-6500.

Mitigation Issues and System Level Mitigation Measures

While a visual inspection does not suggest any broad system level cumulative environmental impacts to any known properties or historic districts that area listed on the National Register, a few transportation projects do come within close proximity to historic properties. Transportation projects near historic buildings may have to exercise caution so as not to damage these more fragile structures during construction.

Historic buildings that are in close proximity to transportation projects include the Aetna Station No. 5, 193 N. Main Street (Project 14 and 21) and the Edwin H. Galloway House & Village, 336 E. Pioneer Road, (Project 11).

Architecture and History Inventory (AHI)

In order to determine those sites that are eligible for inclusion on the National Register, the DHP frequently funds historical, architectural, and archeological surveys of municipalities and counties with the state. Surveys are also conducted in conjunction with other activities such as highway construction projects. A search of the DHP's on-line Architecture and History Inventory (AHI) database reveals a number of sites within the Fond du Lac MPO.[63]

Inclusion in this inventory conveys no special status, restrictions, or benefits to owners of these properties. It simply means that some type of information on these properties exists in the DHP's collections. AHI is primarily used as a research and planning tool. Like the National Register, this is not a static inventory. Properties are constantly being updates. The AHI database is searchable by county, municipality and street; therefore it is recommended that a search of the database be done for each specific project. Information can be found on the DHP's website http://www.wisconsinhistory.org/ahi/summary.asp.

Mitigation Issues and System Level Mitigation Measures

Do to the large number of properties on the AHI database; a visual search between the database and transportation projects was not completed. However, as noted above inclusion in this inventory conveys no special status, restriction, or benefits to owners of these properties. This tool is to be used primarily as a research and planning tool. It is suggested that this inventory be consulted during the planning and design stage to see if any locally significant properties are present and that local historic preservation organizations be consulted.

Archaeological Sites Inventory (ASI)

An inventory similar to the AHI exists for known archeological sites across the state; the Archaeological Sites Inventory (ASI). Due to the sensitive nature of archaeological sites, information as to their whereabouts is not currently made available on-line. This information is distributed only on a need-to-know basis. Archaeological sites are added to as they are

[63] http://www.wisconsinhistory.org/ahi/summary.asp. Accessed 3/1/10.

discovered; discovery is a continual process. For technical assistance and up to date information on sites within a given area, contact the DHP at (608)264-6500.

Mitigation Issues and System Level Mitigation Measures

During the planning and design stage, a determination should be made to see if there are any known archaeological sites within the vicinity of the transportation projects. If any known sites are present, the state archeologist will be consulted.

Wisconsin Historical Markers

Wisconsin historical markers identify, commemorate and honor important people, places, and events that have contributed to the state's rich heritage. The Wisconsin Historical Markers Program is a vital education tool, informing people about the most significant aspects of Wisconsin's past. The Society's Division of Historic Preservation administers the Wisconsin Historic Markers Program. Applications are required for all official State of Wisconsin historical markers and plaques. According to the Wisconsin Historical Society, five historical markers or plaques are located within the Fond du Lac MPO.[64]

1. The Military Road Historical Marker, Military Road, Between 1st and 2nd streets, Fond du Lac;
2. Wisconsin Progressive Party Historical Marker, 30 E. 2nd Street, Fond du Lac;
3. Home of Governor Doty Historical Marker (1799-1865), (Taycheedah Correctional Institution), Town of Taycheedah;
4. Edward S. Bragg Historical Marker, Hwy 151, 6 mi north of Fond du Lac; and
5. County Home Cemetery Fond du Lac (Rolling Meadows Golf Course), 560 W. Rolling Meadows Drive, Fond du Lac.

Cemeteries

A listing of cemeteries was obtained from ECWRPC 2005 land use and is shown on Exhibit 7-7. According to this land use, six cemeteries are present within the Fond du Lac MPO.

- Estabrooks Cemetery, N6710 Esterbrook Road, Fond Du Lac;
- Rienzi Cemetery, N6101 County Road K, Fond du Lac;
- Sisters of St. Agnes Cemetery, CTH K, Fond du Lac;
- St. Charles Cemetery, N8171 Bittersweet Court, Fond du Lac;
- Calvary Cemetery, 686 Fond du Lac Avenue, Fond du Lac; and
- Ledgeview Memorial Park, N6250 County Road K, Fond du Lac.

Mitigation Issues and System Level Mitigation Measures

Exhibit 7-7 shows the transportation projects in relation to the cemeteries found within the 2005 land use. Visual inspection has shown no substantial system level cumulative effects of area transportation projects on cemeteries. However, some spot level locations may have projects in close proximity to cemeteries. These projects may require consideration in the design and construction permitting process. According to the visual review the following cemeteries are within proximity of transportation projects: Estabrooks Cemetery (CTH T reconstruction, (Project 6) and STH 23 reconstruction, (Project 4)); Sisters of Saint Agnes

[64] http://www.wisconsinhistory.org/hp/markers/markerslist.pdf. Revised 8/27/08

Cemetery (CTH K reconstruction, (Project 5)); Calvary Cemetery (CTH V reconstruction, (Project 9)); and Ledgeview Cemetery (CTH K reconstruction, (Project 5)).

Museums/Other Historic and Cultural Resources

Museums protect valuable historic resources for community enjoyment. Residents are welcome to learn from the exhibits and amenities they have to offer[65].

- Children's Museum of Fond du Lac, 51 Sheboygan Street, Fond du Lac.
- 1856 Historic Octagon House, 276 Linden Street, Fond du Lac. This restored 12-room home was originally built in 1856 as an Indian Fort and holds a rich history. Once used as a part of the Underground Railroad, this house contains 9 passageways, a secret room and a hand-dug underground tunnel. It's even rumored to be haunted.
- Galloway House & Village, 336 E. Pioneer Road, Fond du Lac. This stately 30 room Victorian mansion completed in 1880 boasts a multitude of Italianate details. The village consists of 23 authentic buildings including a photographer's shop, country store, a church, one room schoolhouse, a newspaper office and many other buildings that depict turn of the century commerce and lifestyle.
- Painted Lady-Ebert Estate, 199 E. Division Street, Fond du Lac. This historic Queen Anne Victorian mansion, built in 1892 was designed to replicate a German Castle and has been painstakingly restored by the current residents of the home.

Mitigation Issues and System Level Mitigation Measures

All museums, with the exception of the Children's Museum, are found on the National Register. A visual inspection does not suggest any broad system level cumulative environmental impacts to any of these known properties that are listed on the National Register.

[65] http://www.explorewisconsin.com/countypages/fond_du_lac.asp#museums

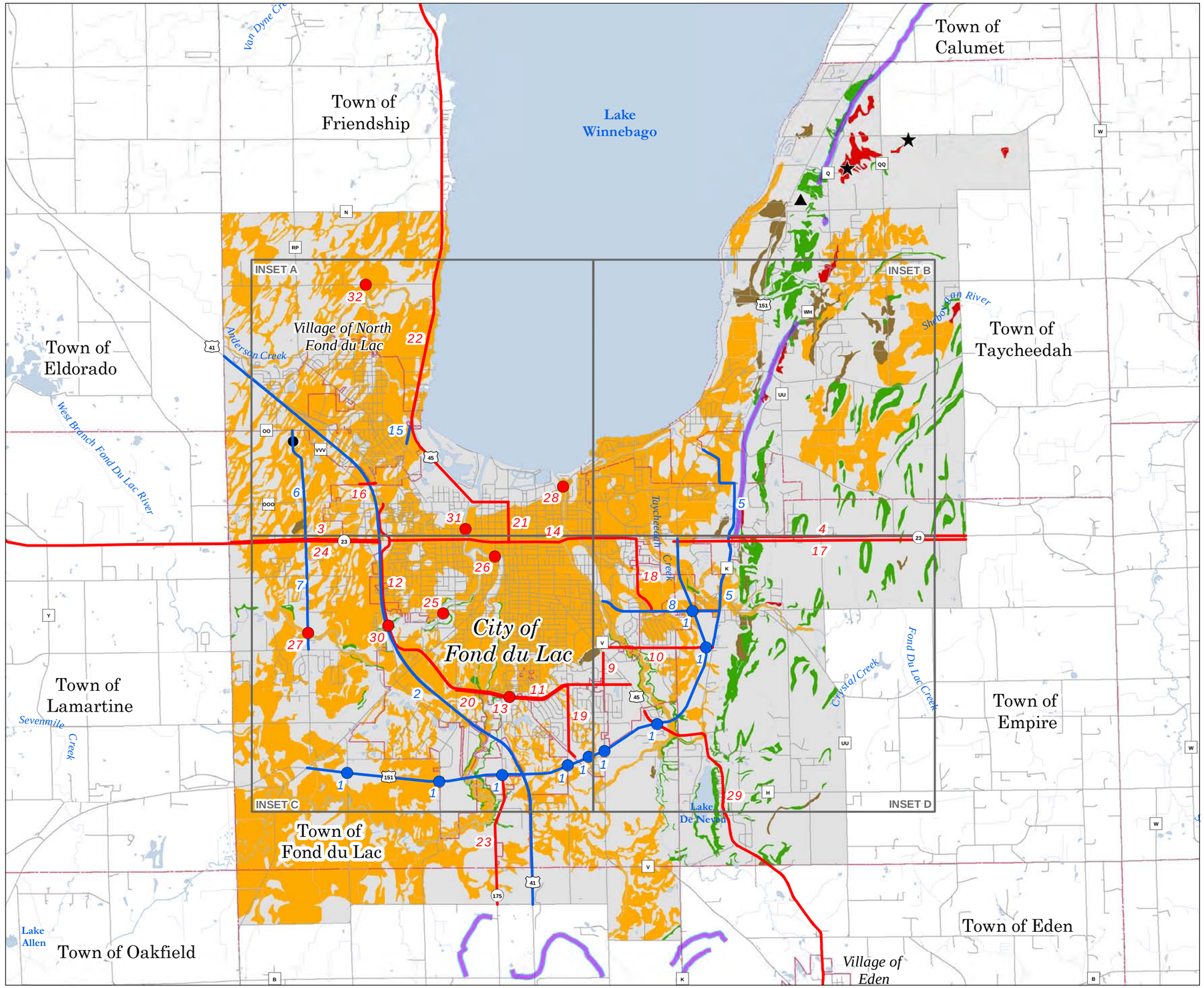

Exhibit 7-1

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Geological Features & Farmland Resources

- Short-Range Planned Intersection or Bridge Projects
- Long-Range Planned Intersection or Bridge Projects
- Short-Range Planned Projects
- Short-Range Planned Projects
- Municipality Boundaries
- Niagara Escarpment
- Clay Mines
- Limestone Mines
- Sand & Gravel Mines
- Steep Slopes (>12%)
- High Bedrock (5+ Acres)
- Soil Suitability for Sand & Gravel
- Prime Farmland (Class 1 & 2)
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, mine data, and municipality boundaries. Bay Lake RPC provided the 2000 Niagra Escarpment Outcropping. USDA / NRCS provided 1973 soil, slope, and bedrock data.

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Scale in Miles

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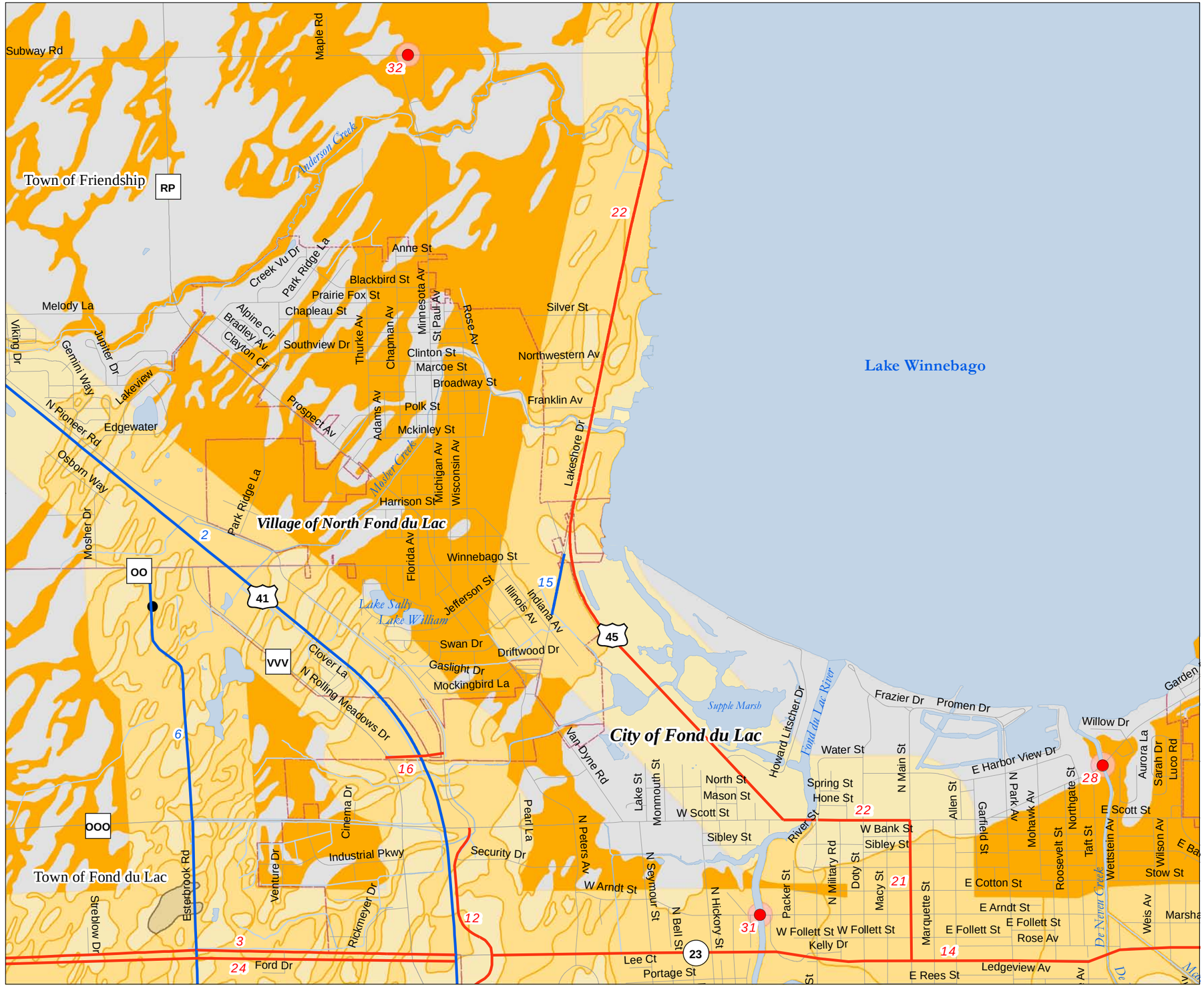

Exhibit 7-1 - Inset A

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Geological Features & Farmland Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Niagra Escarpment
- Clay Mines
- Limestone Mines
- Sand & Gravel Mines
- Steep Slope (>12%)
- High Bedrock (5+ Acres)
- Soil Suitability for Sand & Gravel
- Prime Farmland (Class 1 & 2)
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, mine data, and municipality boundaries. Bay Lake RPC provided the 2000 Niagra Escarpment Outcropping. USDA / NRCS provided 1973 soil, slope, and bedrock data.

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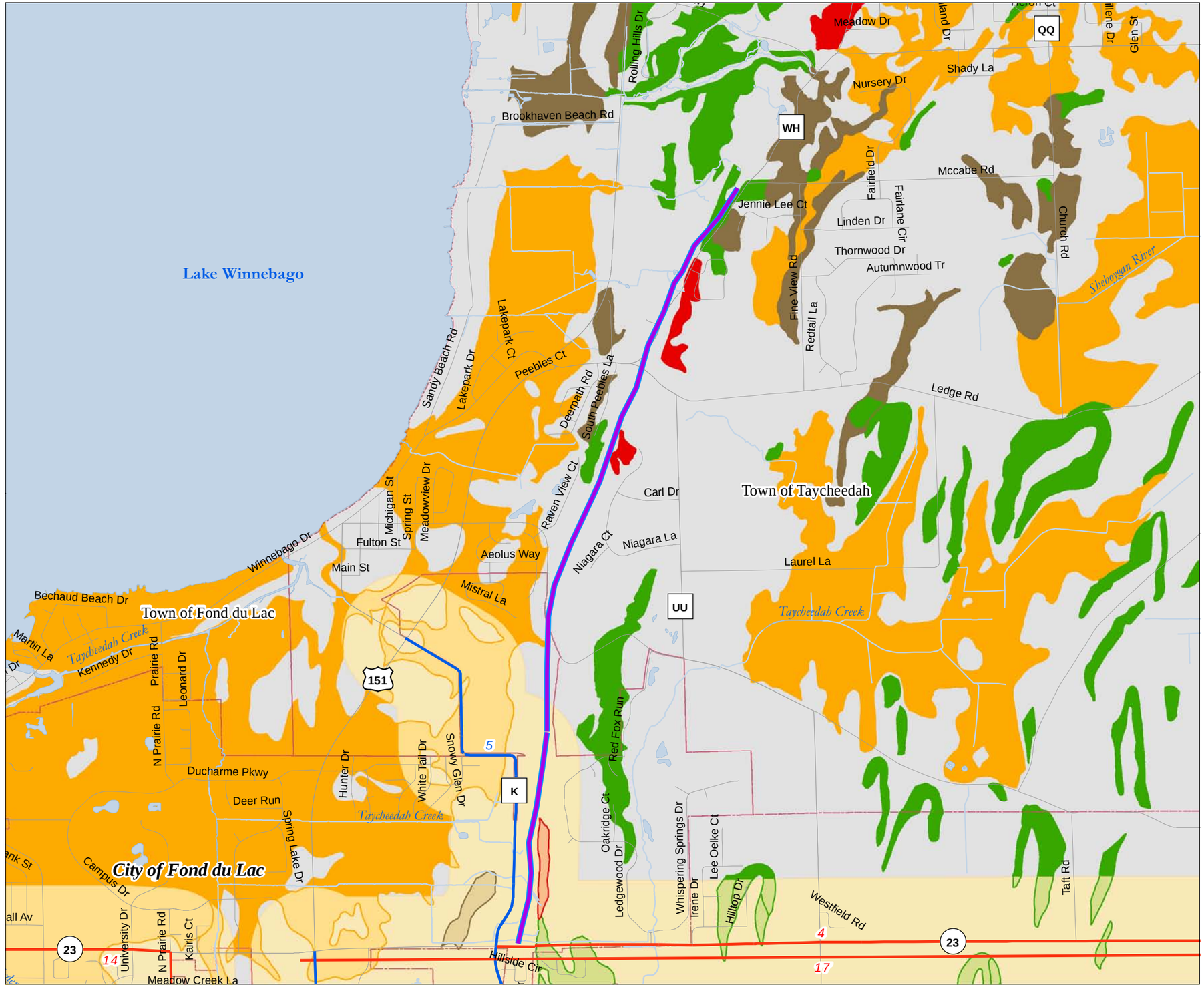

Exhibit 7-1 - Inset B

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Geological Features & Farmland Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Niagra Escarpment
- Clay Mines
- Limestone Mines
- Sand & Gravel Mines
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- Steep Slope (>12%)
- High Bedrock (5+ Acres)
- Soil Suitability for Sand & Gravel
- Prime Farmland (Class 1 & 2)
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, mine data, and municipality boundaries. Bay Lake RPC provided the 2000 Niagra Escarpment Outcropping. USDA / NRCS provided 1973 soil, slope, and bedrock data.

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Scale in Miles

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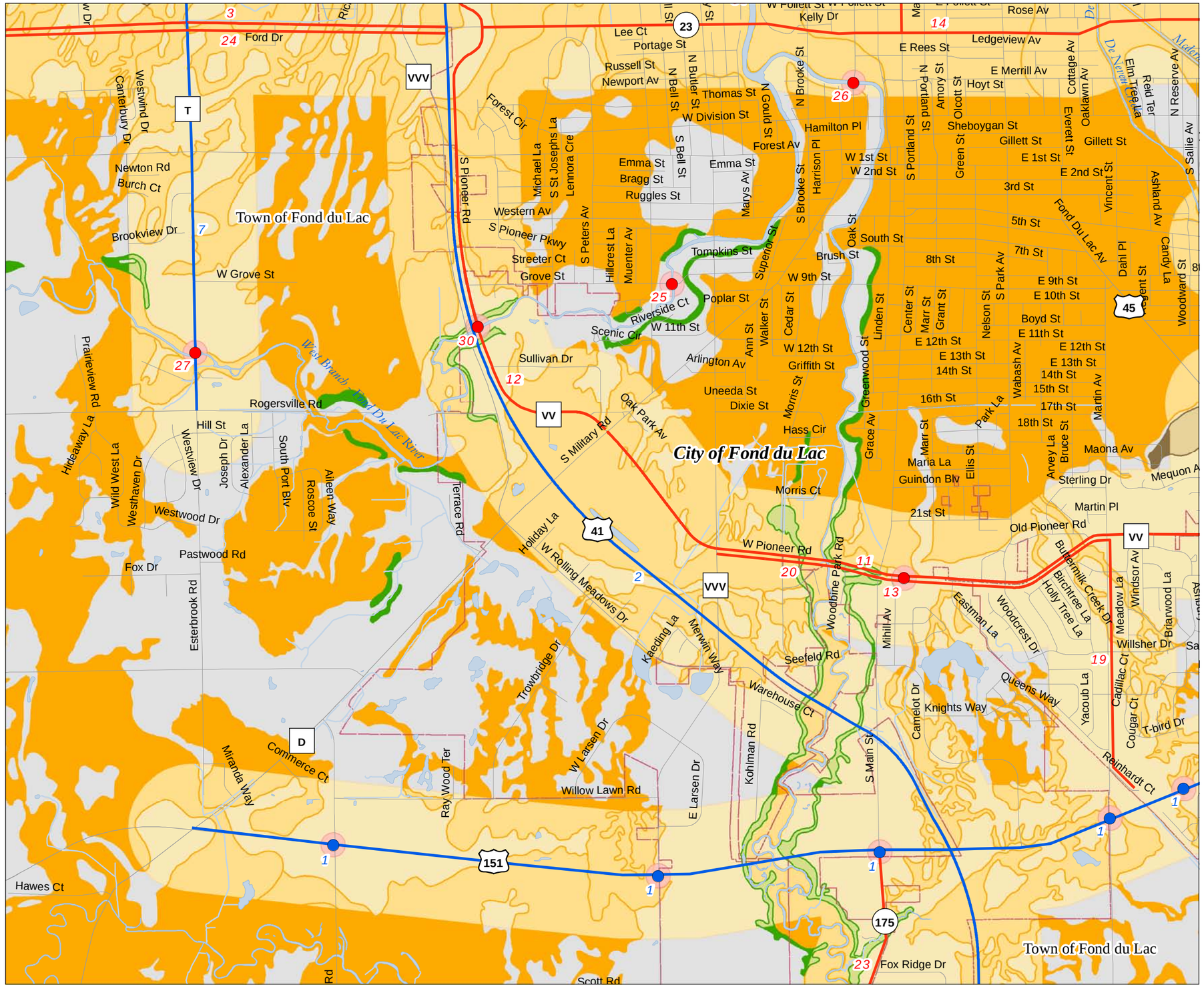

Exhibit 7-1 - Inset C

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Geological Features & Farmland Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Niagra Escarpment
- Clay Mines
- Limestone Mines
- Sand & Gravel Mines
- Steep Slope (>12%)
- High Bedrock (5+ Acres)
- Soil Suitability for Sand & Gravel
- Prime Farmland (Class 1 & 2)
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, mine data, and municipality boundaries. Bay Lake RPC provided the 2000 Niagra Escarpment Outcropping. USDA / NRCS provided 1973 soil, slope, and bedrock data.

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Scale in Miles

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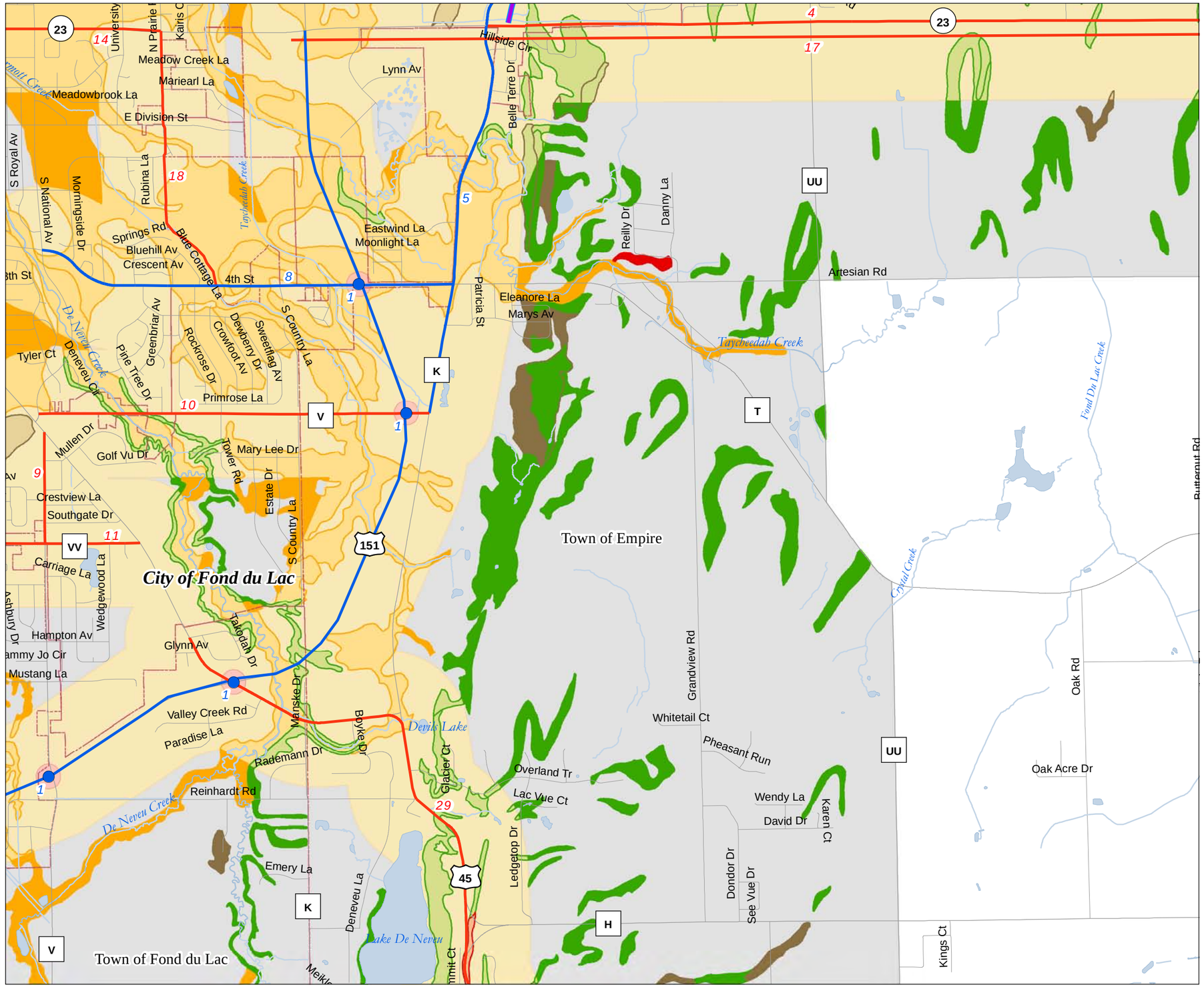

Exhibit 7-1 - Inset D

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Geological Features & Farmland Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Niagra Escarpment
- Clay Mines
- Limestone Mines
- Sand & Gravel Mines
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- Steep Slope (>12%)
- High Bedrock (5+ Acres)
- Soil Suitability for Sand & Gravel
- Prime Farmland (Class 1 & 2)
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, mine data, and municipality boundaries. Bay Lake RPC provided the 2000 Niagra Escarpment Outcropping. USDA / NRCS provided 1973 soil, slope, and bedrock data.

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Scale in Miles

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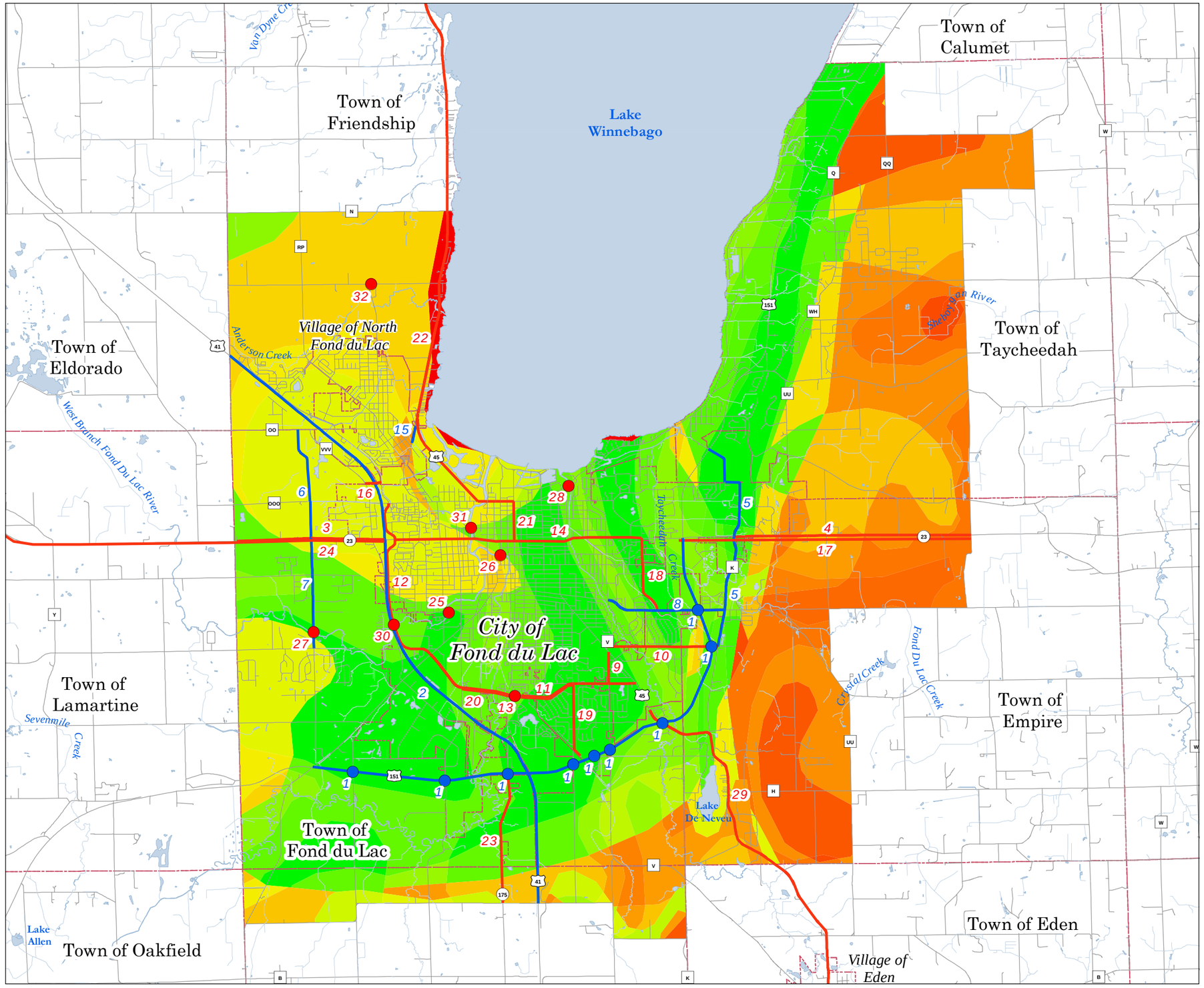

Exhibit 7-2

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Groundwater Contamination Susceptibility

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
- Long-Range Planned Projects
- Municipality Boundaries
- More Susceptible to Groundwater Contamination
- Less Susceptible to Groundwater Contamination

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. ECWRPC provided 2005 land use. WDNR & USGS provided 2003 & 2004 groundwater contamination susceptibility data.

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Scale in Miles

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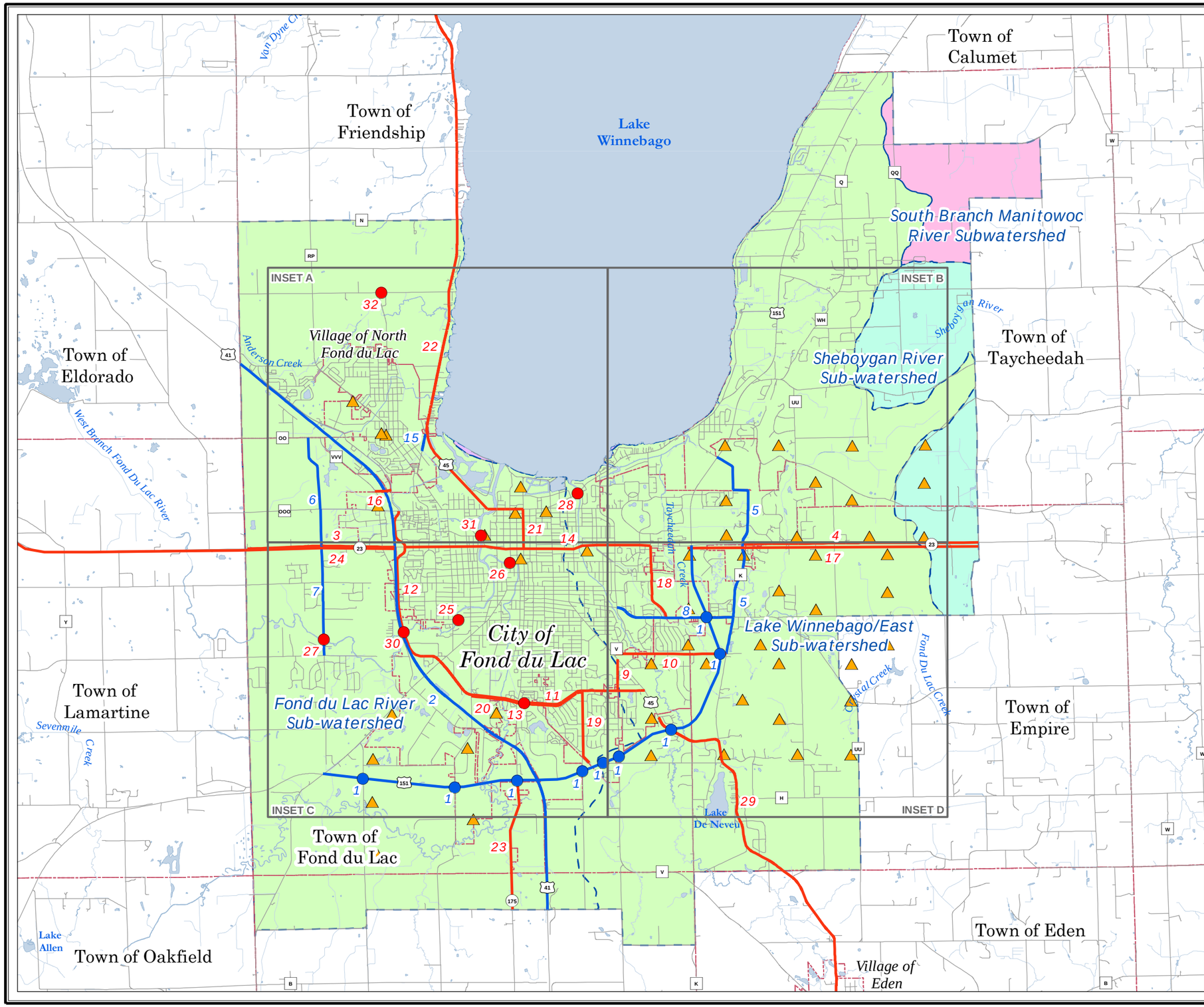

Exhibit 7-3

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Water Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
- Long-Range Planned Projects
- Municipality Boundaries
- Sub-watershed Boundary
- Municipal Wellheads
- Lake Winnebago Water Management Unit
- Manitowoc Water Management Unit
- Sheboygan Water Management Unit
- Upper Fox Water Management Unit
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. Wellhead data provided from the City of Fond du Lac / Strand & Associates Wellhead Protection Plan. WDNR provided water management units and subwatersheds.

N W E S

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Scale in Miles

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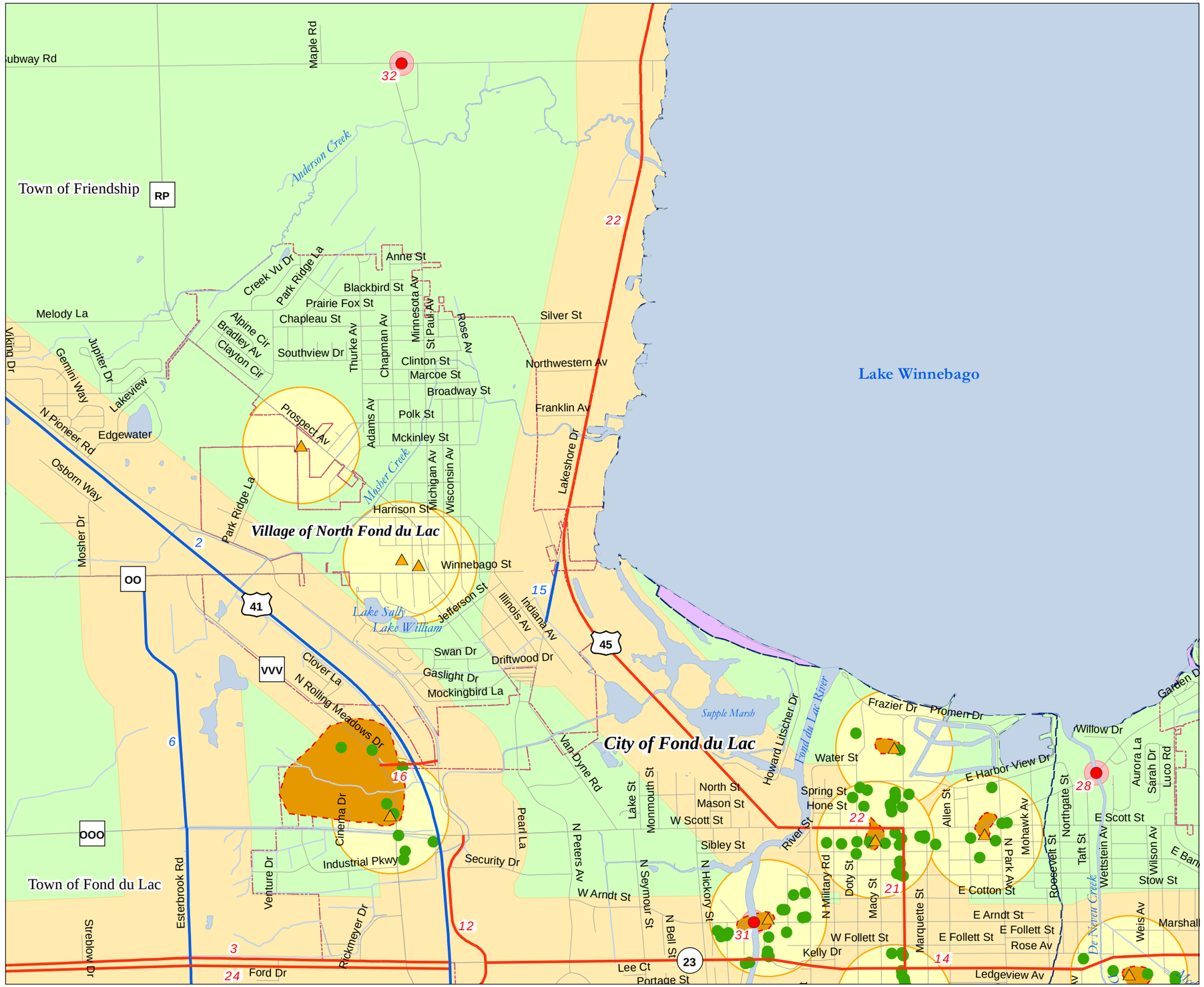

Exhibit 7-3 - Inset A

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Water Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Sub-watershed Boundary
- Municipal Wellheads
- Sites of Concern
- 5-year Time of Travel Capture Zone (Zone A)
- 1200' Wellhead Radius (Zone B)
- Lake Winnebago Water Management Unit
- Manitowoc Water Management Unit
- Sheboygan Water Management Unit
- Upper Fox Water Management Unit
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. Wellhead data provided from the City of Fond du Lac / Strand & Associates Wellhead Protection Plan. WDNR provided water management units and subwatersheds.

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Scale in Miles

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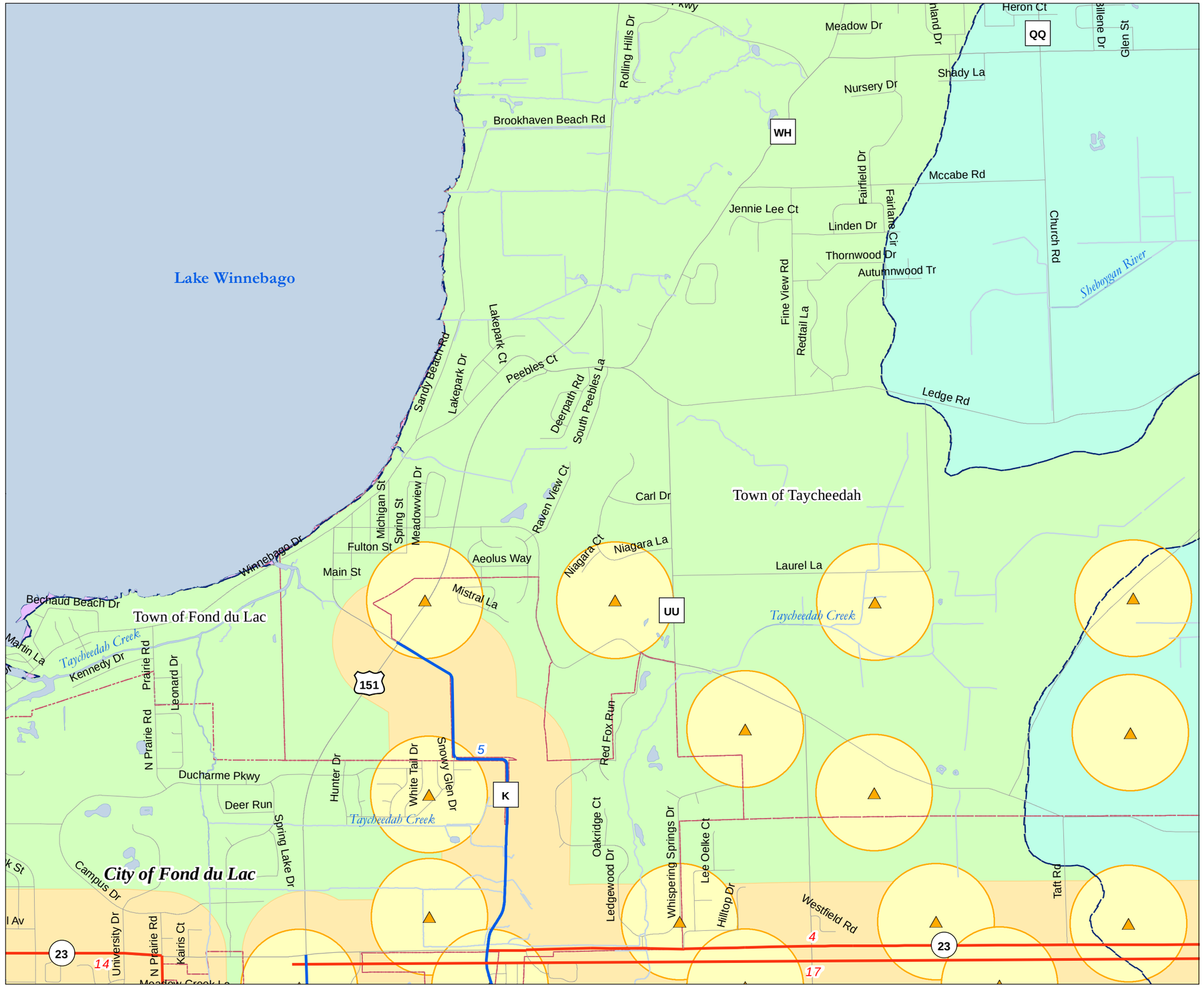

Exhibit 7-3 - Inset B

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Water Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Sub-watershed Boundary
- Municipal Wellheads
- Sites of Concern
- 5-year Time of Travel Capture Zone (Zone A)
- 1200' Well Radius (Zone B)
- Lake Winnebago Water Management Unit
- Manitowoc Water Management Unit
- Sheboygan Water Management Unit
- Upper Fox Water Management Unit
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. Wellhead data provided from the City of Fond du Lac / Strand & Associates Wellhead Protection Plan. WDNR provided water management units and subwatersheds.

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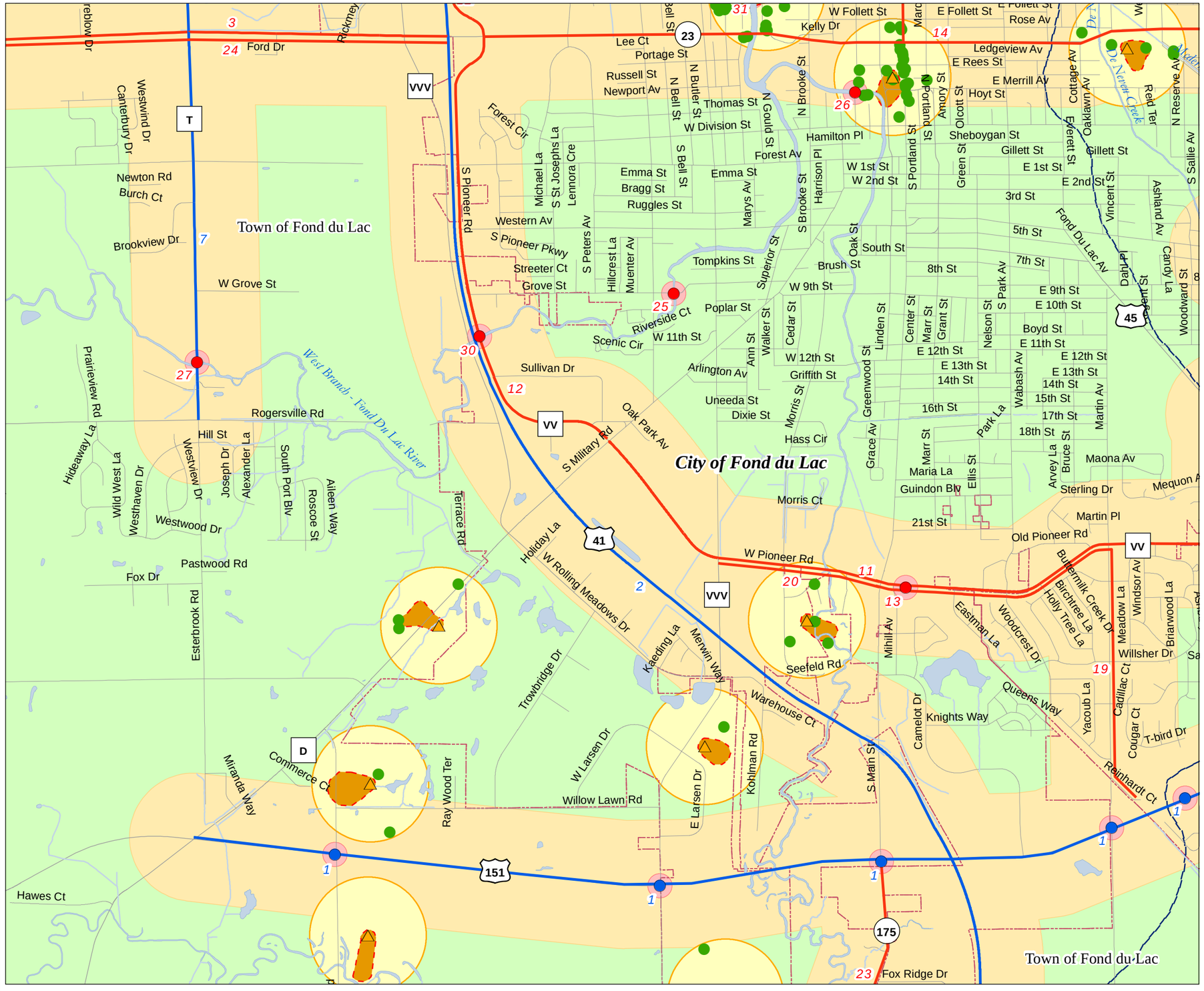

Exhibit 7-3 - Inset C

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Water Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Sub-watershed Boundary
- Municipal Wellheads
- Sites of Concern
- 5-year Time of Travel Capture Zone (Zone A)
- 1200' Well Radius (Zone B)
- Lake Winnebago Water Management Unit
- Manitowoc Water Management Unit
- Sheboygan Water Management Unit
- Upper Fox Water Management Unit
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. Wellhead data provided from the City of Fond du Lac / Strand & Associates Wellhead Protection Plan. WDNR provided water management units and subwatersheds.

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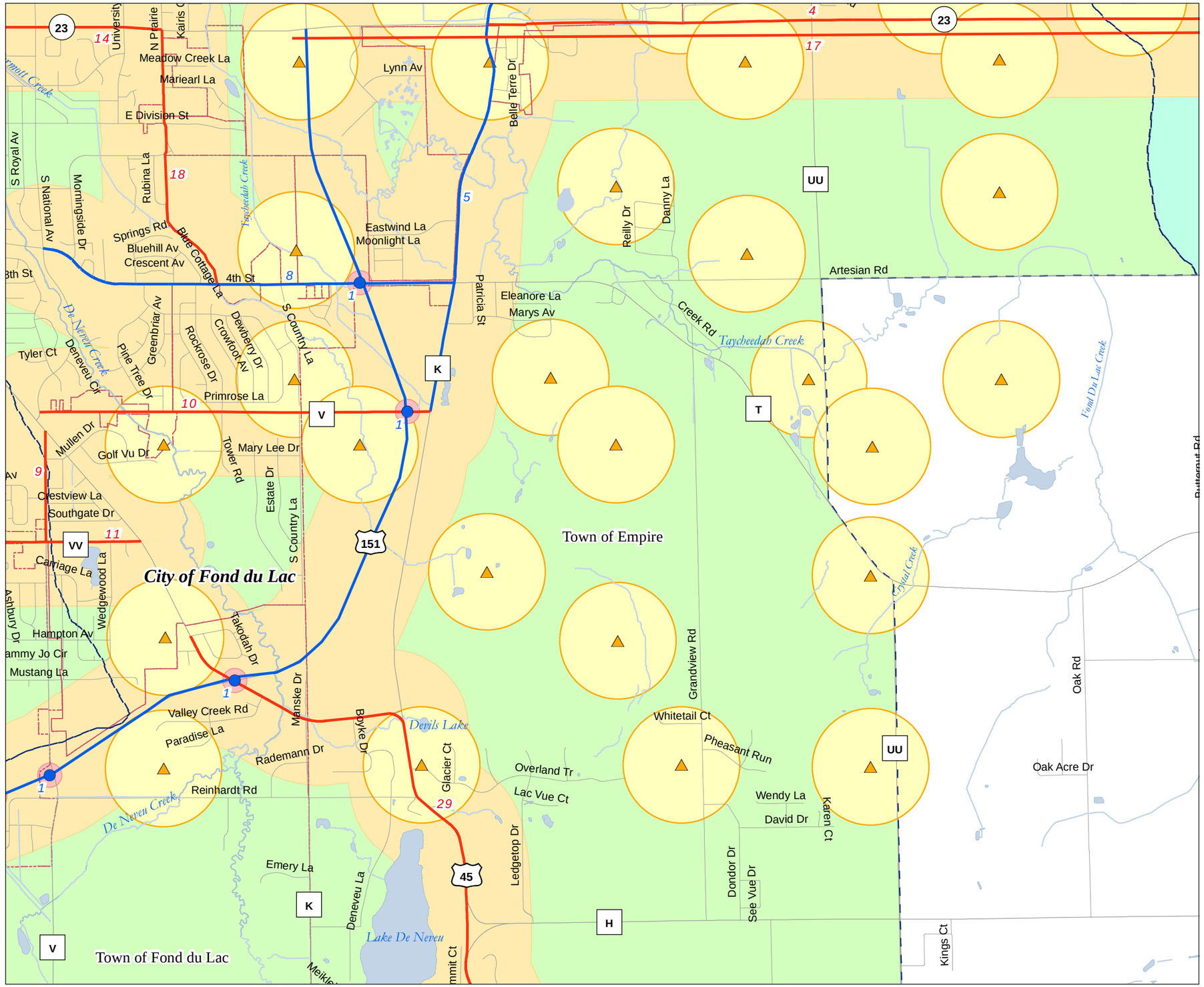

Exhibit 7-3 - Inset D

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Water Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Sub-watershed Boundary
- Municipal Wellheads
- Sites of Concern
- 5-year Time of Travel Capture Zone (Zone A)
- 1200' Well Radius (Zone B)
- Lake Winnebago Water Management Unit
- Manitowoc Water Management Unit
- Sheboygan Water Management Unit
- Upper Fox Water Management Unit
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. Wellhead data provided from the City of Fond du Lac / Strand & Associates Wellhead Protection Plan. WDNR provided water management units and subwatersheds.

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Scale in Miles

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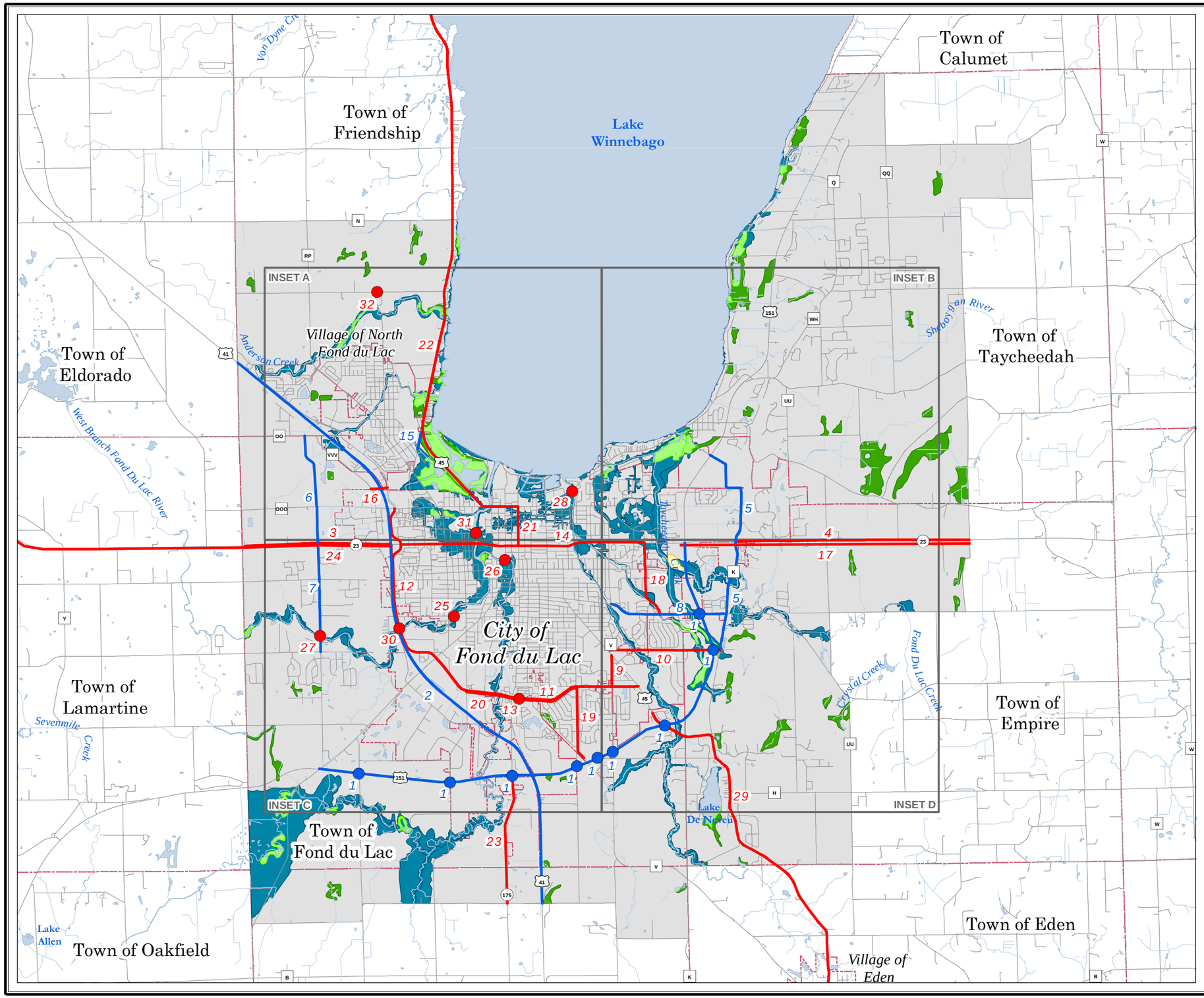

Exhibit 7-4

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wetlands & Floodplains

- Short-Range Planned Intersection or Bridge Projects
- Long-Range Planned Intersection or Bridge Projects
- Short-Range Planned Projects
- Long-Range Planned Projects
- Municipality Boundaries
- Proposed Wetland Mitigation Areas
- 100 Year Floodplain
- Wetlands
- Wetlands within the 100 Year Floodplain
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. FEMA provided the 2009 floodplain. WDNR provided the 2004 wetlands and mitigation areas.

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Scale in Miles

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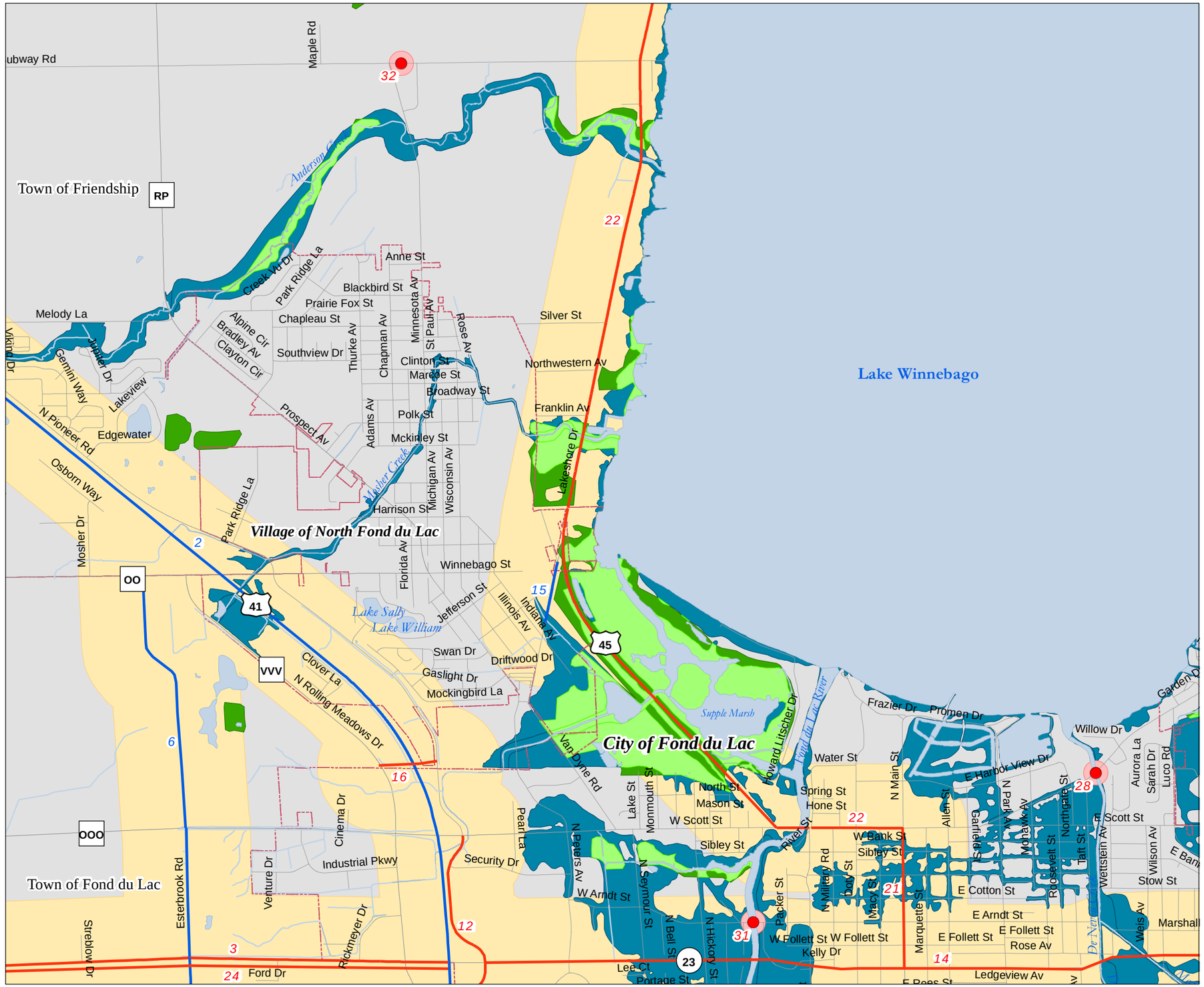

Exhibit 7-4 - Inset A

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wetlands & Floodplains

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- Proposed Wetland Mitigation Areas
- 100 Year Floodplain
- Wetlands
- Wetlands within the 100 Year Floodplain
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. FEMA provided the 2009 floodplain. WDNR provided the 2004 wetlands and mitigation areas.

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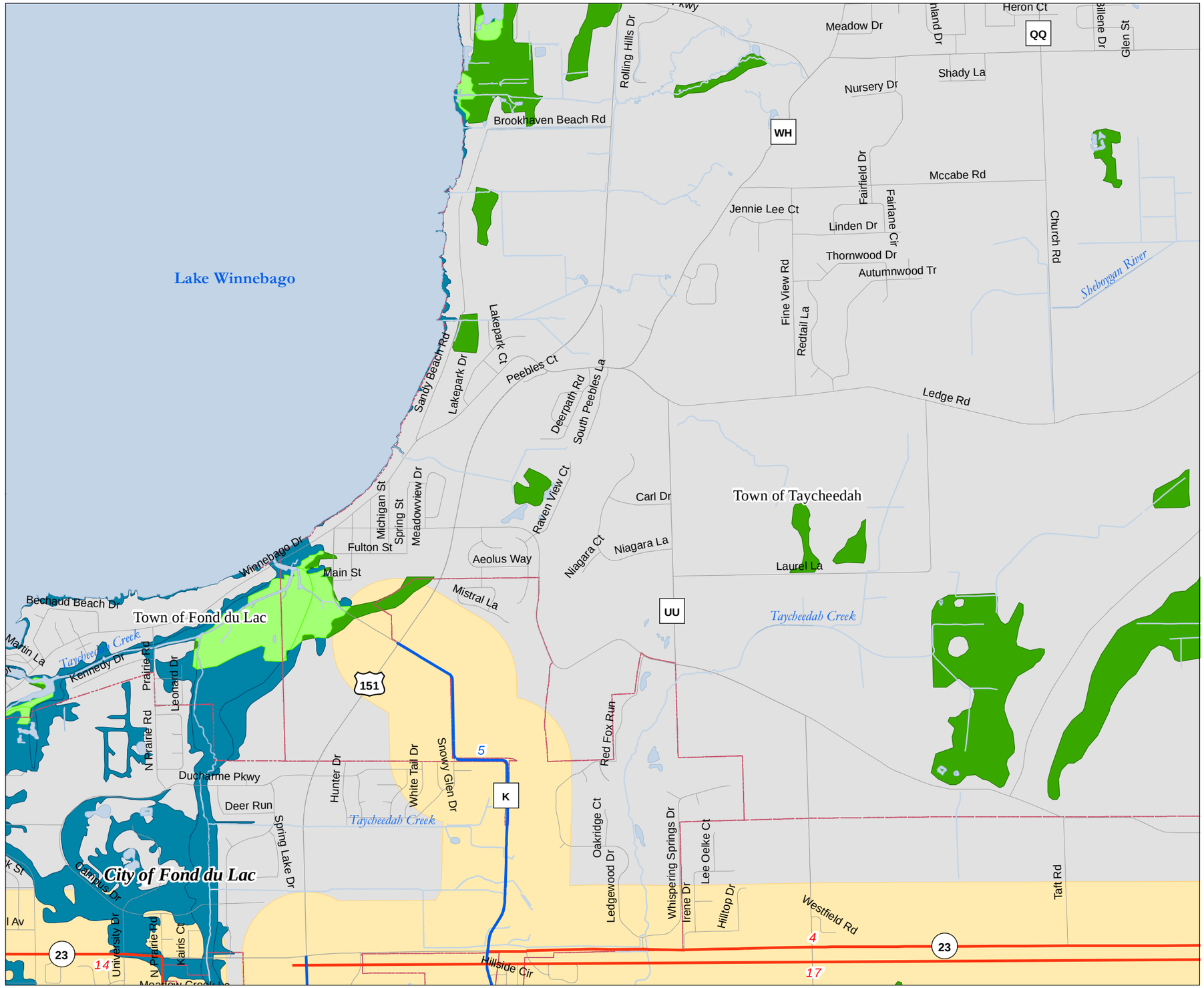

Exhibit 7-4 - Inset B

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wetlands & Floodplains

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- Proposed Wetland Mitigation Areas
- 100 Year Floodplain
- Wetlands
- Wetlands within the 100 Year Floodplain
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. FEMA provided the 2009 floodplain. WDNR provided the 2004 wetlands and mitigation areas.

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Scale in Miles

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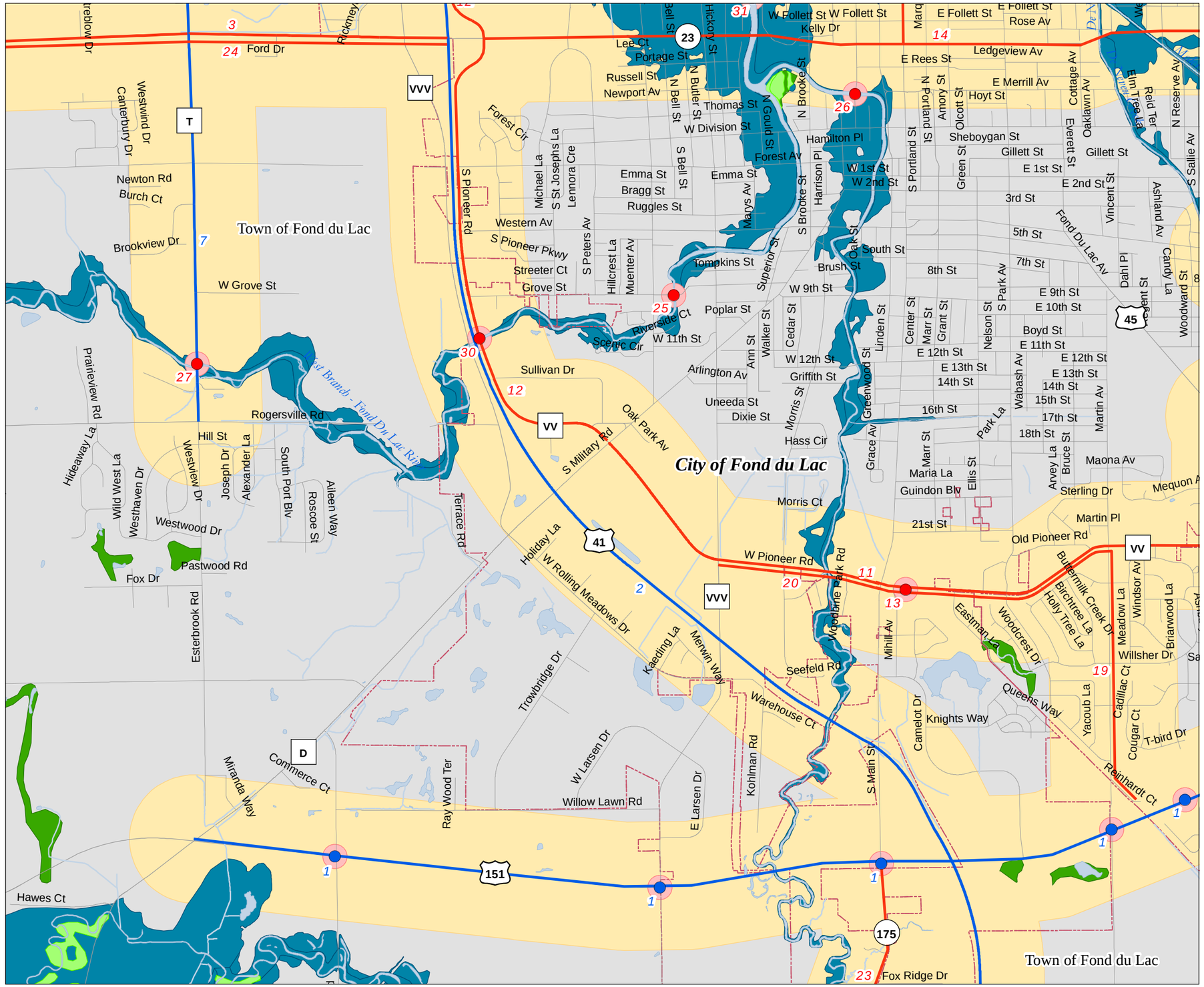

Exhibit 7-4 - Inset C

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wetlands & Floodplains

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- Proposed Wetland Mitigation Areas
- 100 Year Floodplain
- Wetlands
- Wetlands within the 100 Year Floodplain
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. FEMA provided the 2009 floodplain. WDNR provided the 2004 wetlands and mitigation areas.

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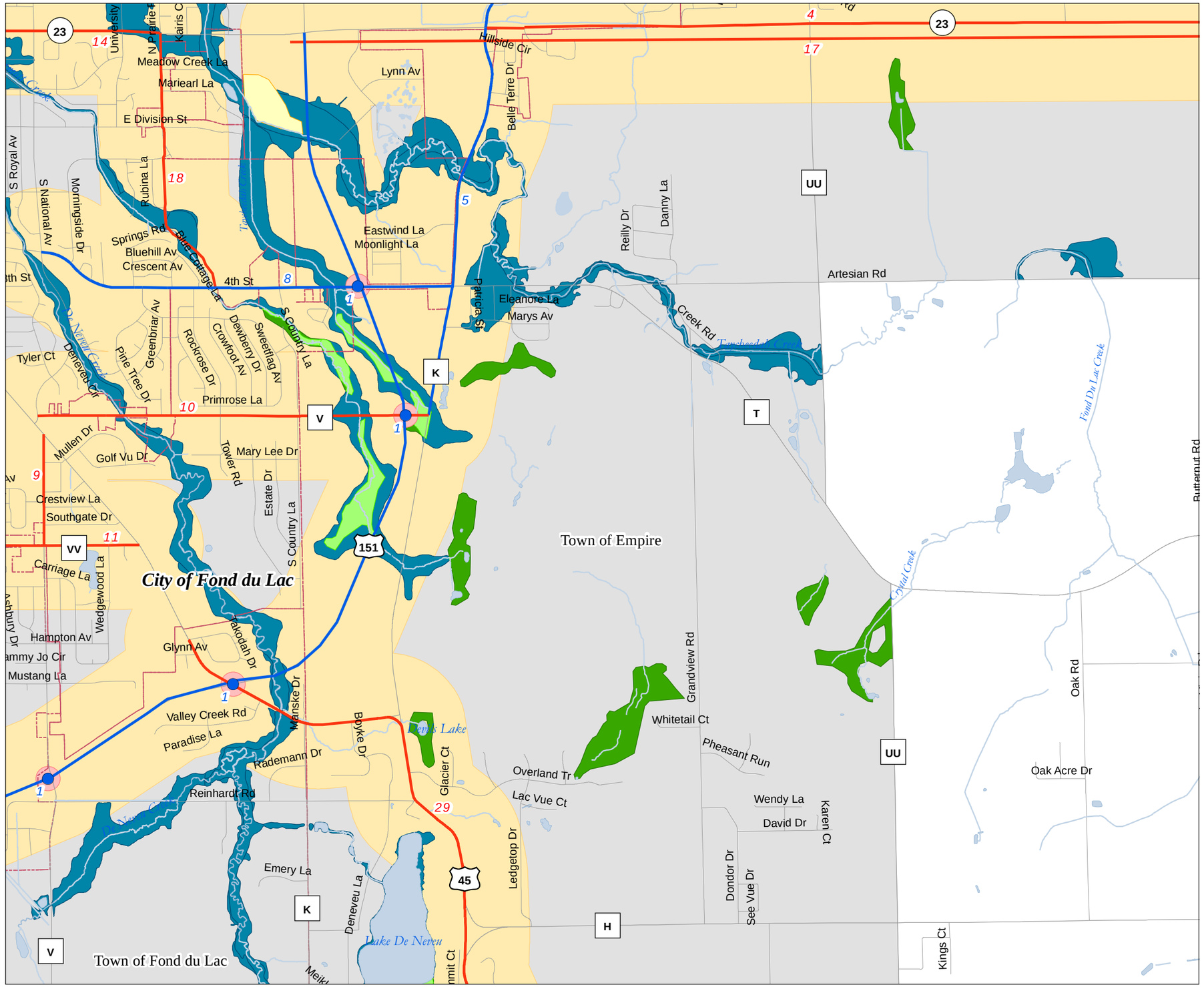

Exhibit 7-4 - Inset D

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wetlands & Floodplains

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- Proposed Wetland Mitigation Areas
- 100 Year Floodplain
- Wetlands
- Wetlands within the 100 Year Floodplain
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. FEMA provided the 2009 floodplain. WDNR provided the 2004 wetlands and mitigation areas.

N W E S

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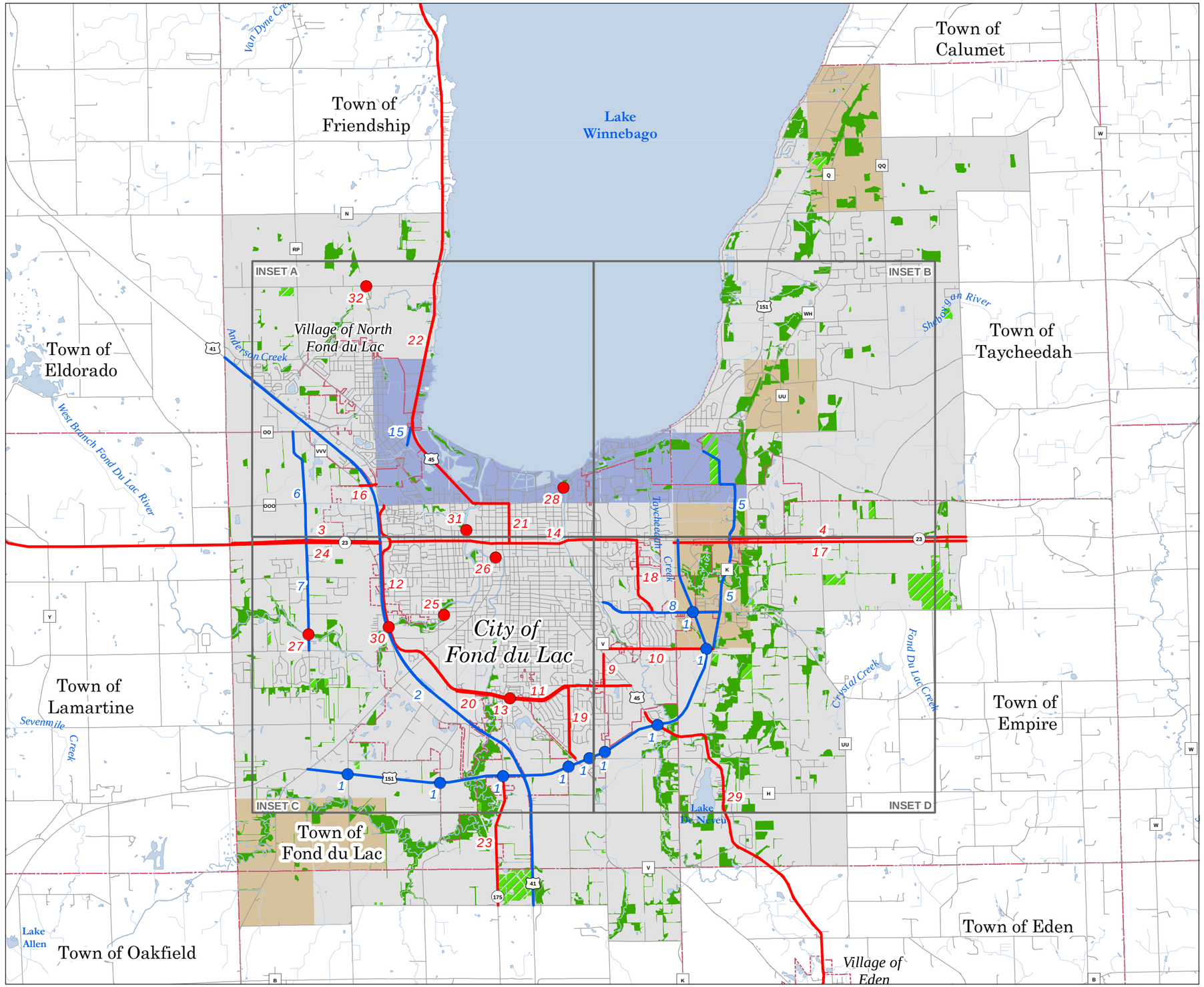

Exhibit 7-5

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wildlife Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
- Long-Range Planned Projects
- Municipality Boundaries
- Woodlands - Planted
- Woodlands - General
- DNR Endangered Species Areas* - Aquatic Species
- DNR Endangered Species Areas* - Terrestrial Species
- 2000 Metropolitan Planning Area

*NHI Occurances of 4+ Contiguous Sections Only

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. ECWRPC provided 2005 Land Use. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. WDNR provided 2010 endangered species areas.

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Scale in Miles

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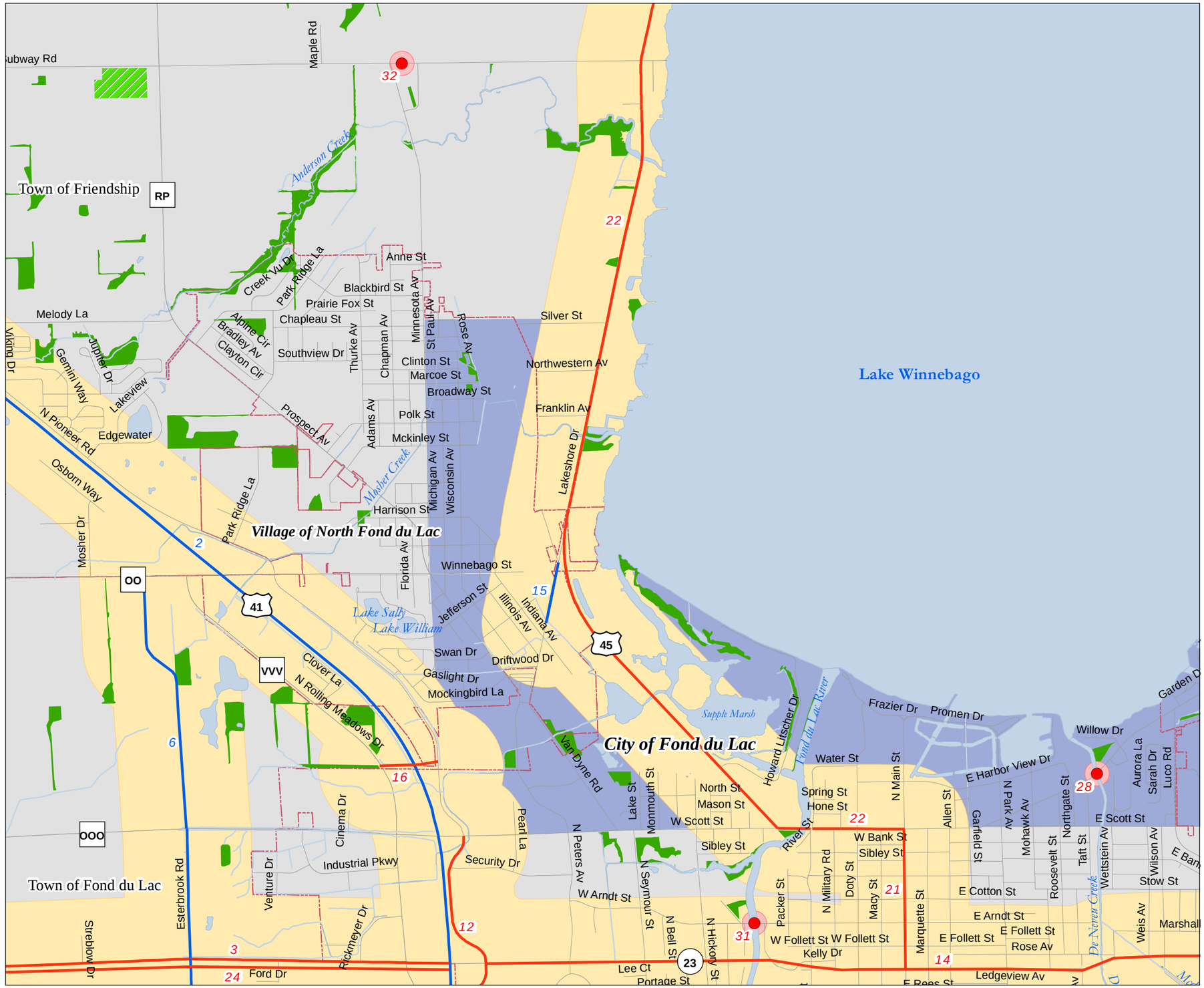

Exhibit 7-5 - Inset A

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wildlife Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Woodlands - Planted
- Woodlands - General
- DNR Endangered Species Areas* - Aquatic Species
- DNR Endangered Species Areas* - Terrestrial Species
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- 2000 Metropolitan Planning Area

*NHI Occurances of 4+ Contiguous Sections Only

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. ECWRPC provided 2005 Land Use. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. WDNR provided 2010 endangered species areas.

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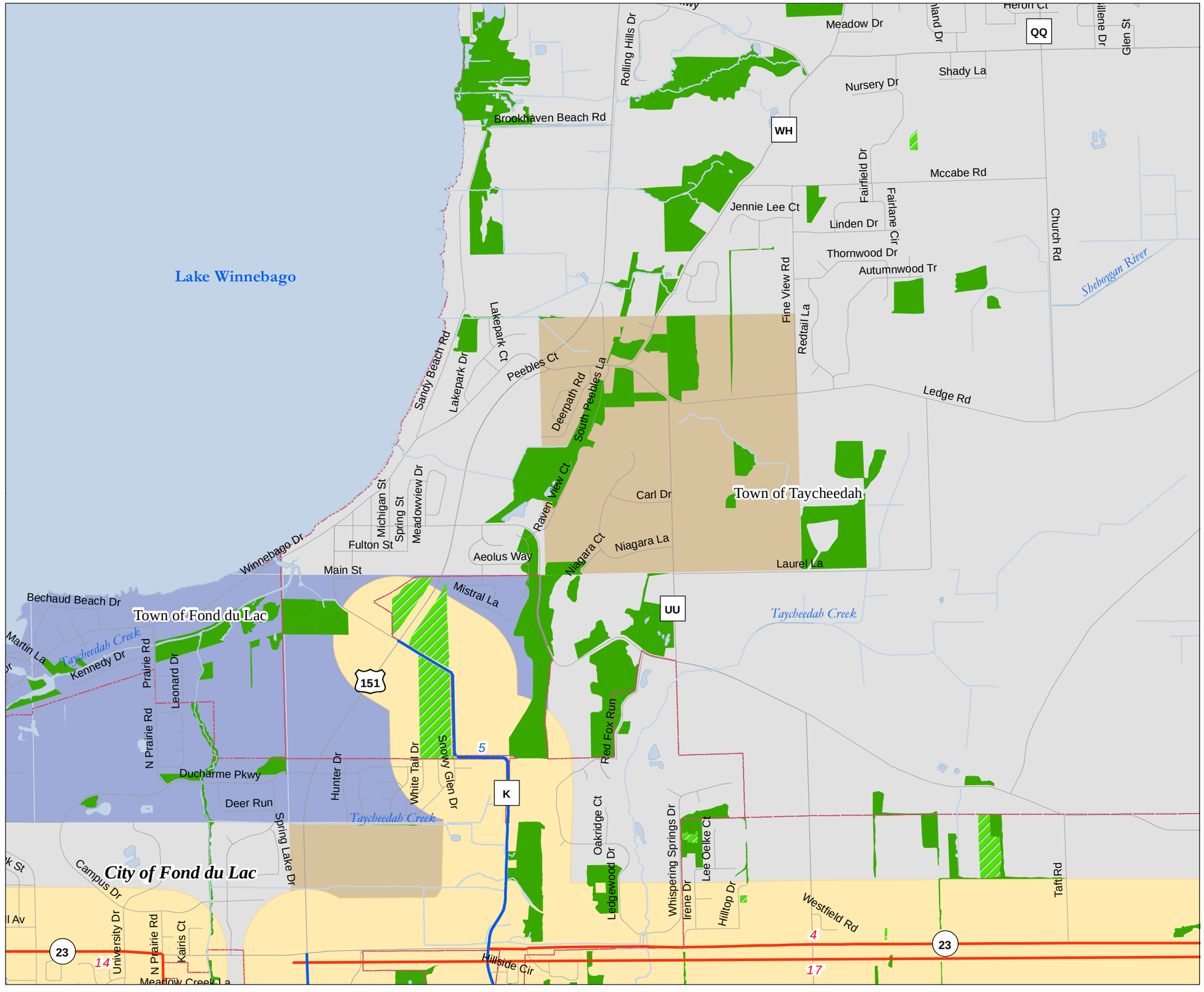

Exhibit 7-5 - Inset B

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wildlife Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Woodlands - Planted
- Woodlands - General
- DNR Endangered Species Areas* - Aquatic Species
- DNR Endangered Species Areas* - Terrestrial Species
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- 2000 Metropolitan Planning Area

*NHI Occurances of 4+ Contiguous Sections Only

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. ECWRPC provided 2005 Land Use. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. WDNR provided 2010 endangered species areas.

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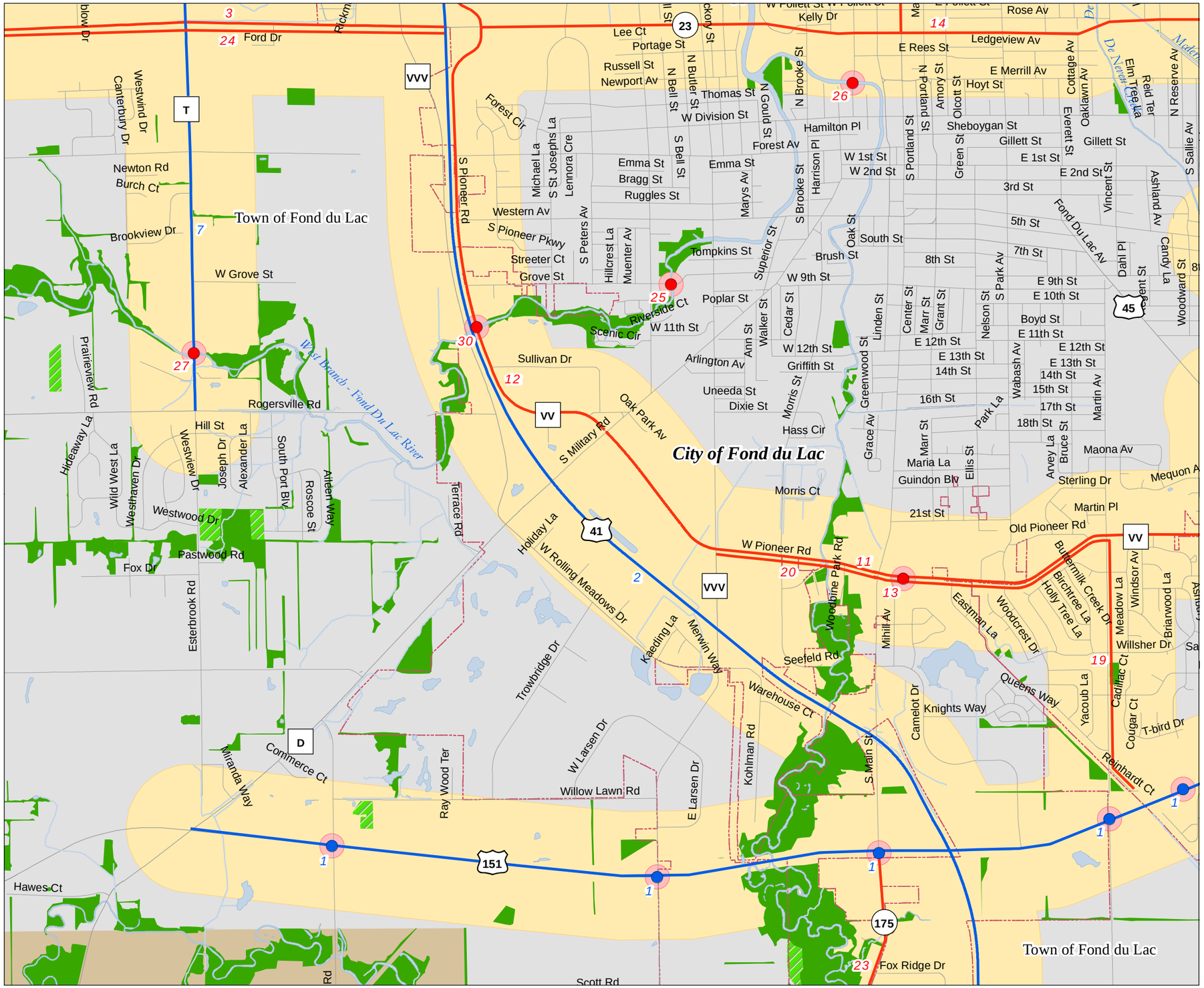

Exhibit 7-5 - Inset C

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wildlife Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Woodlands - Planned
- Woodlands - General
- DNR Endangered Species Areas* - Aquatic Species
- DNR Endangered Species Areas* - Terrestrial Species
- 2000 Metropolitan Planning Area
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer

*NHI Occurances of 4+ Contiguous Sections Only

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. ECWRPC provided 2005 Land Use. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. WDNR provided 2010 endangered species areas.

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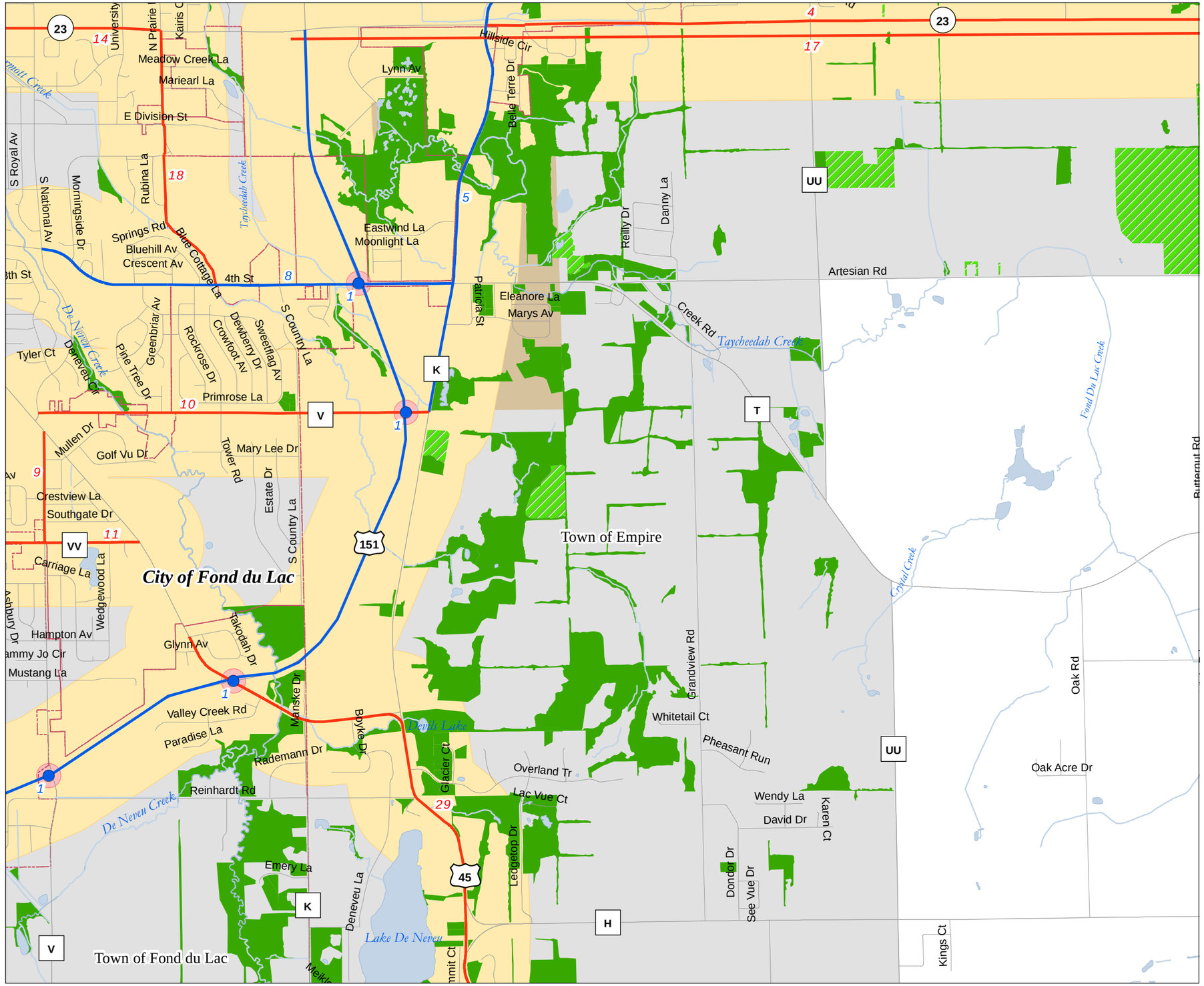

Exhibit 7-5 - Inset D

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Wildlife Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Corridor Projects
- Long-Range Planned Corridor Projects
- Municipality Boundaries
- Woodlands - Planned
- Woodlands - General
- DNR Endangered Species Areas* - Aquatic Species
- DNR Endangered Species Areas* - Terrestrial Species
- 2000 Metropolitan Planning Area
- 250' Bridge or Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer

*NHI Occurances of 4+ Contiguous Sections Only

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. ECWRPC provided 2005 Land Use. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. WDNR provided 2010 endangered species areas.

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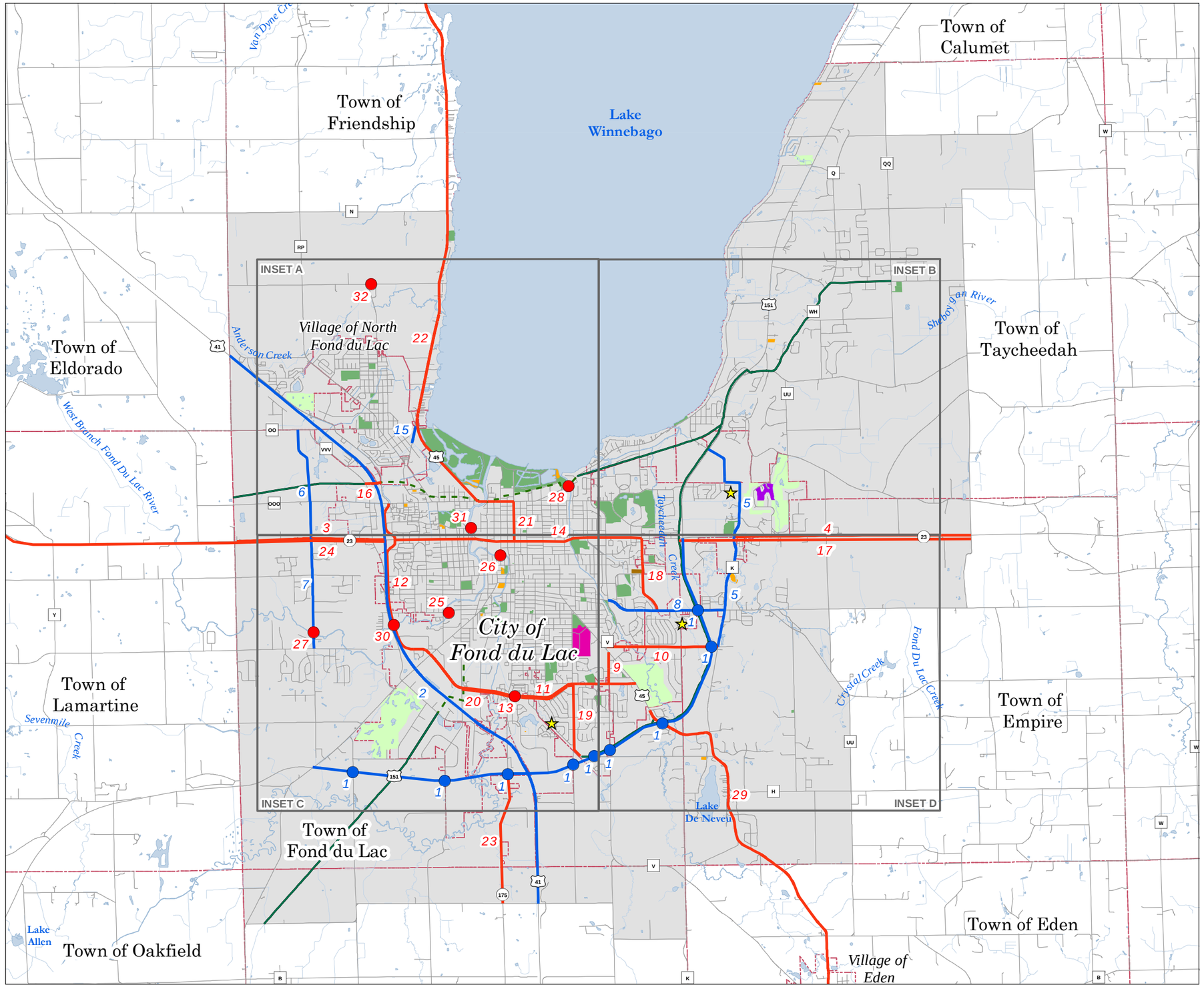

Exhibit 7-6

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Parks, Open Space & Recreational Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
- Long-Range Planned Projects
- Municipality Boundaries
- Future Parks
- Trails - Existing
- Trails - Proposed
- Fairgrounds
- General Recreaion Parks
- Golf Courses & Country Clubs
- Ski Hills & Facilities
- Spectator Sports Facilities
- Sports & Recreational Facilities
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. ECWRPC provided 2005 land use. Future Parks provided by the City of Fond du Lac 2010 Open Space & Recreation Plan.

N W E S

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Scale in Miles

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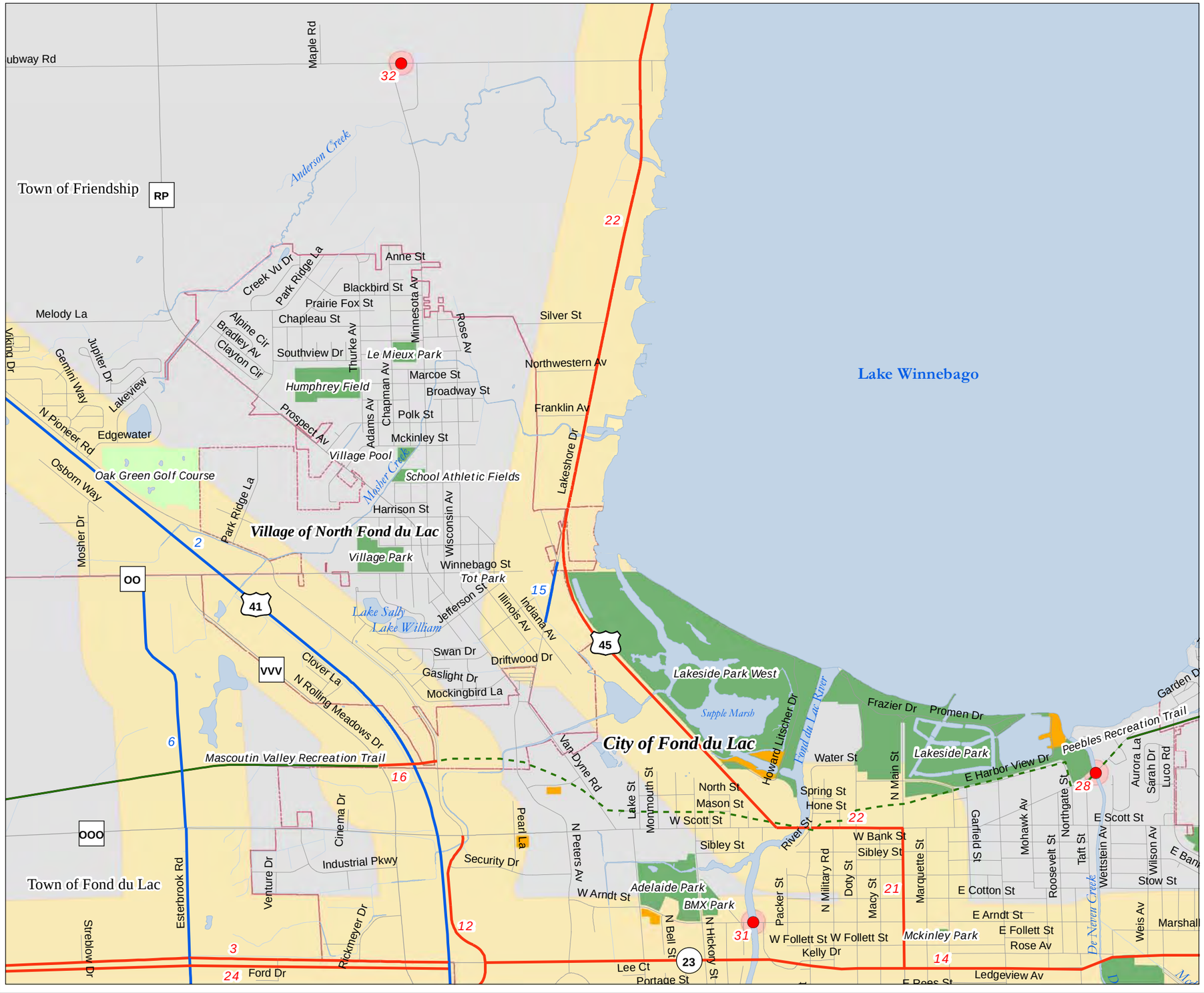

Exhibit 7-6 - Inset A

FOND DU LAC MPO AREA RECOMMENDED PROJECTS Parks, Open Space & Recreational Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
- Long-Range Planned Projects
- Municipality Boundaries
- Future Parks
- Trails - Exisiting
- Trails - Proposed
- Fairgrounds
- General Recreation Parks
- Golf Courses & Country Clubs
- Ski Hills & Facilities
- Spectator Sports Facilities
- Sports & Recreational Facilities
- 250' Bridge of Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. ECWRPC provided 2005 land use. Future Parks provided by the City of Fond du Lac 2010 Open Space & Recreation Plan.

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Scale in Miles

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Prepared By
EAST CENTRAL WISCONSIN
REGIONAL PLANNING COMMISSION-May 2010

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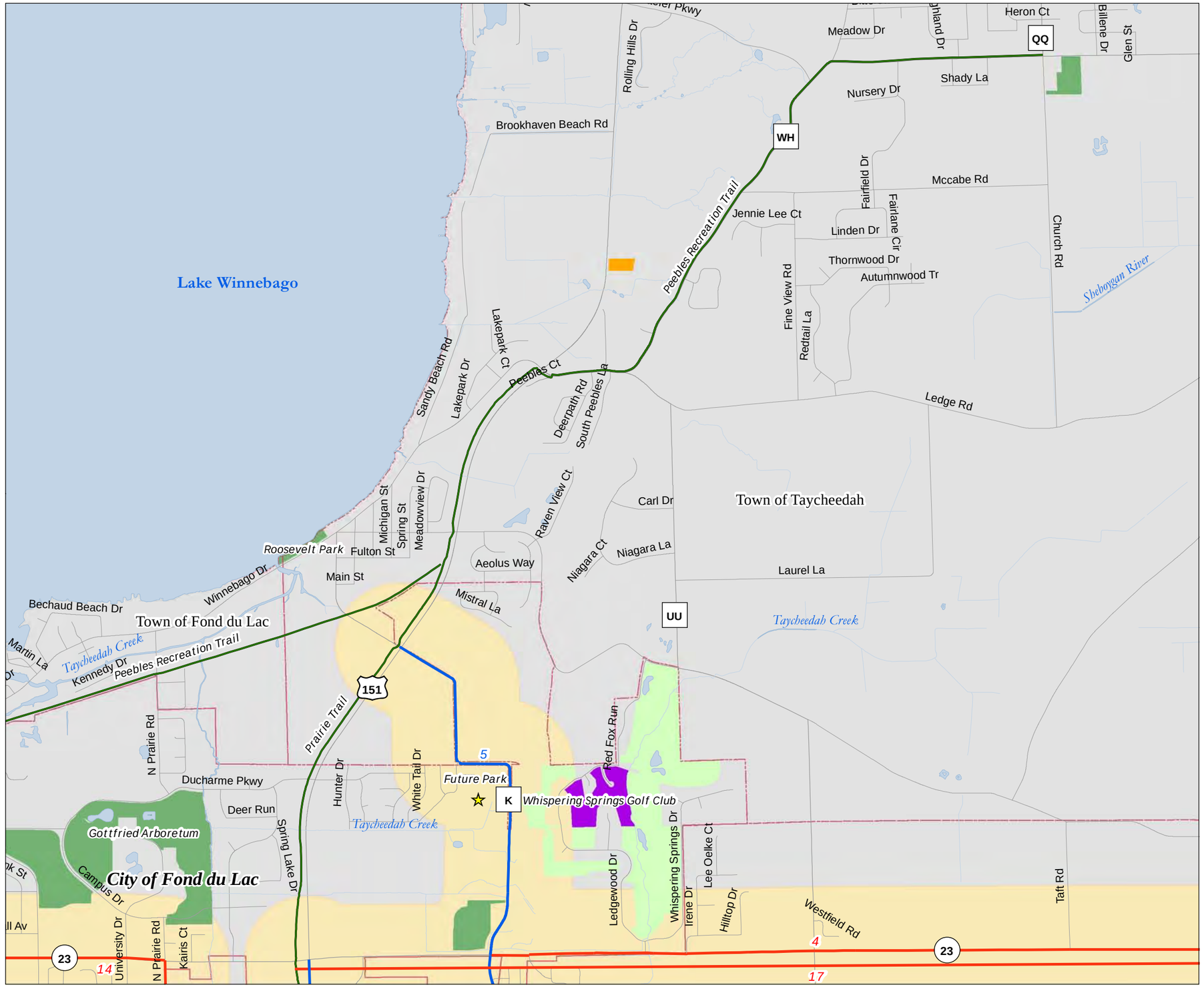

Exhibit 7-6 - Inset B

FOND DU LAC MPO AREA RECOMMENDED PROJECTS Parks, Open Space & Recreational Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
- Long-Range Planned Projects
- Municipality Boundaries
- Future Parks
- Trails - Existing
- Trails - Proposed
- Fairgrounds
- General Recreation Parks
- Golf Courses & Country Clubs
- Ski Hills & Facilities
- Spectator Sports Facilities
- Sports & Recreational Facilities
- 250' Bridge of Intersection Project Buffer
- 1/4 Mile Corridor Project Buffer
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. ECWRPC provided 2005 land use. Future Parks provided by the City of Fond du Lac 2010 Open Space & Recreation Plan.

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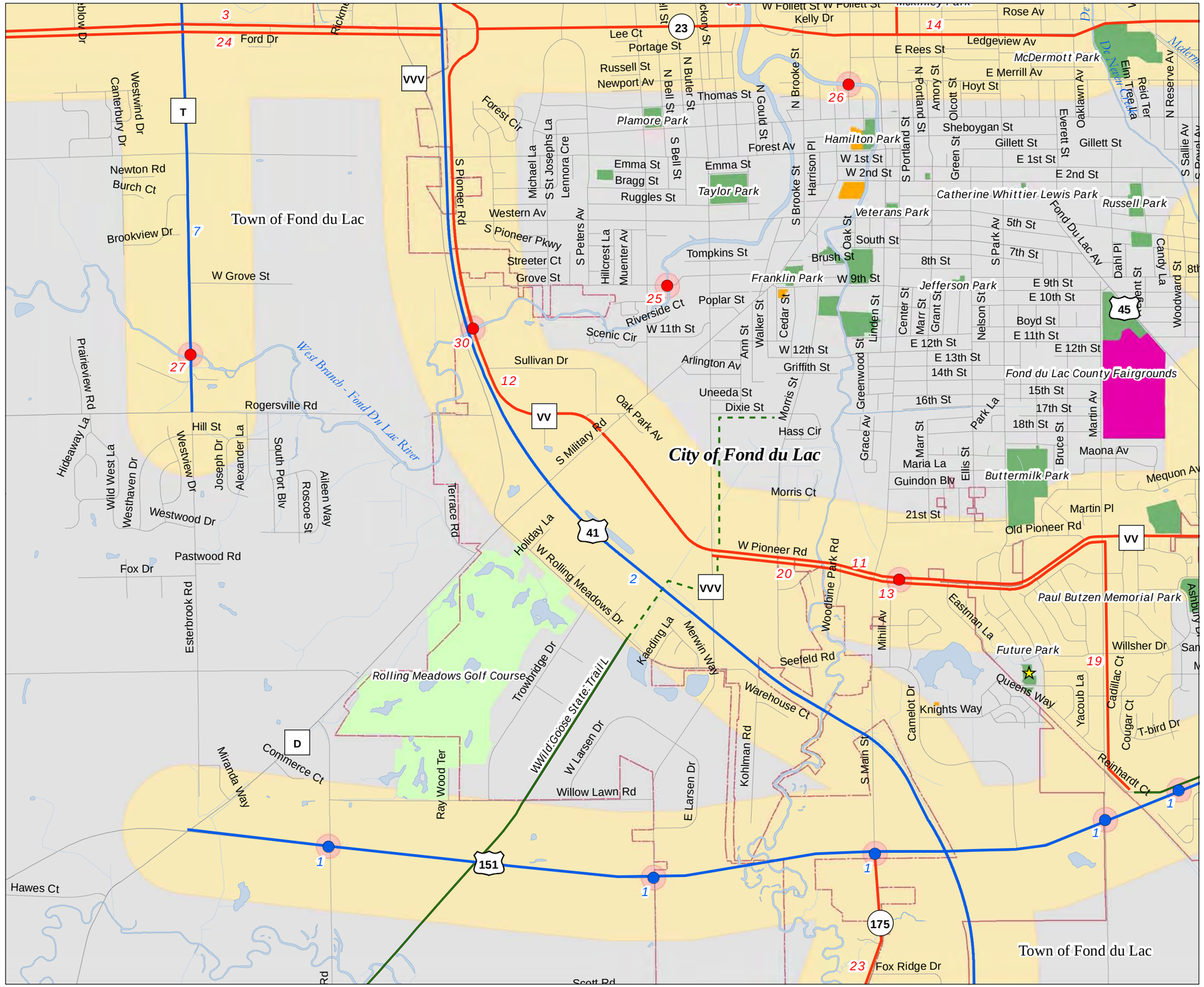

Exhibit 7-6 - Inset C

FOND DU LAC MPO AREA RECOMMENDED PROJECTS Parks, Open Space & Recreational Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
- Long-Range Planned Projects
- Municipality Boundaries
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- Trails - Proposed
- Fairgrounds
- General Recreation Parks
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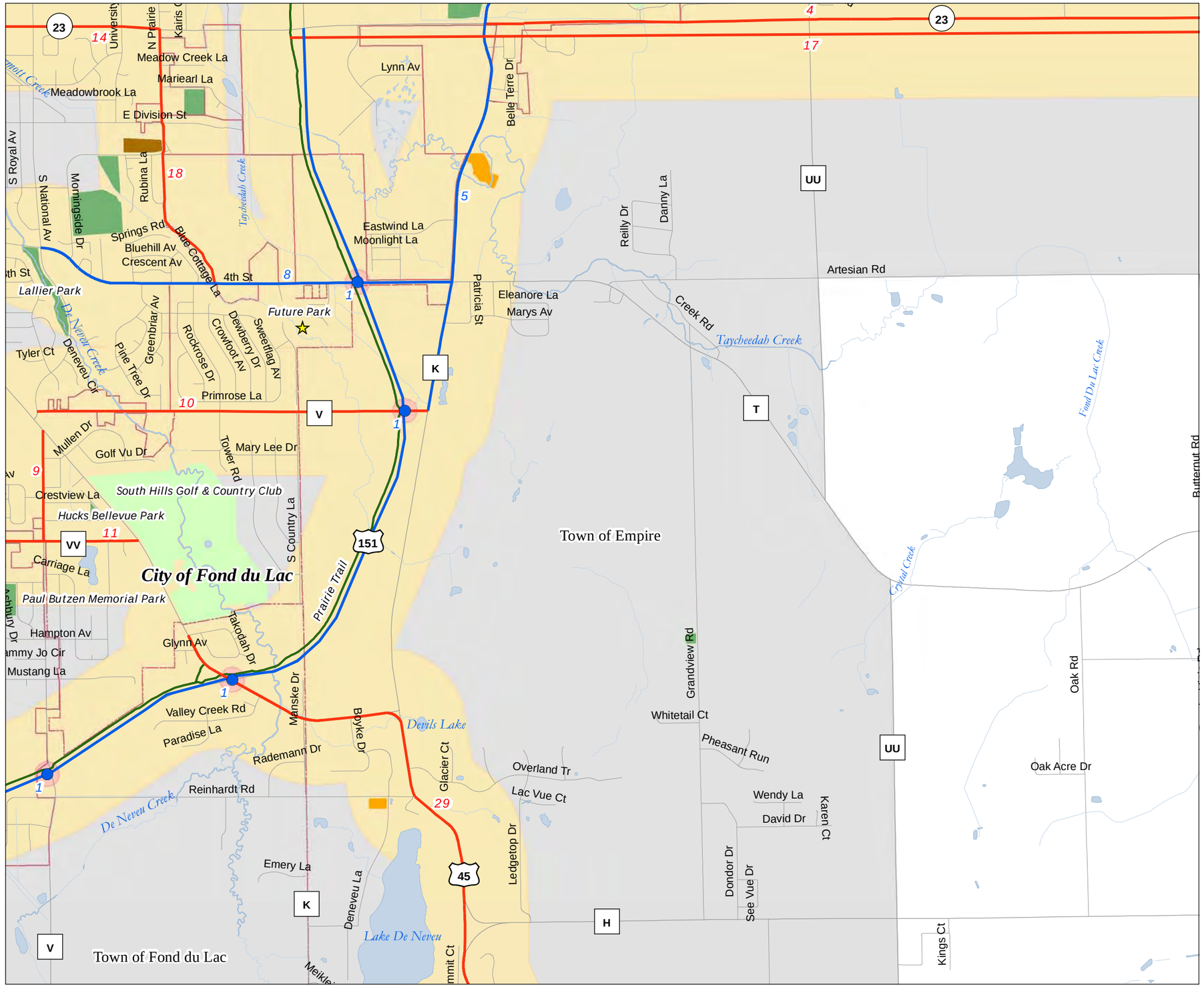

Exhibit 7-6 - Inset D

FOND DU LAC MPO AREA RECOMMENDED PROJECTS Parks, Open Space & Recreational Resources

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
- Long-Range Planned Projects
- Municipality Boundaries
- Future Parks
- Trails - Existing
- Trails - Proposed
- Fairgrounds
- General Recreation Parks
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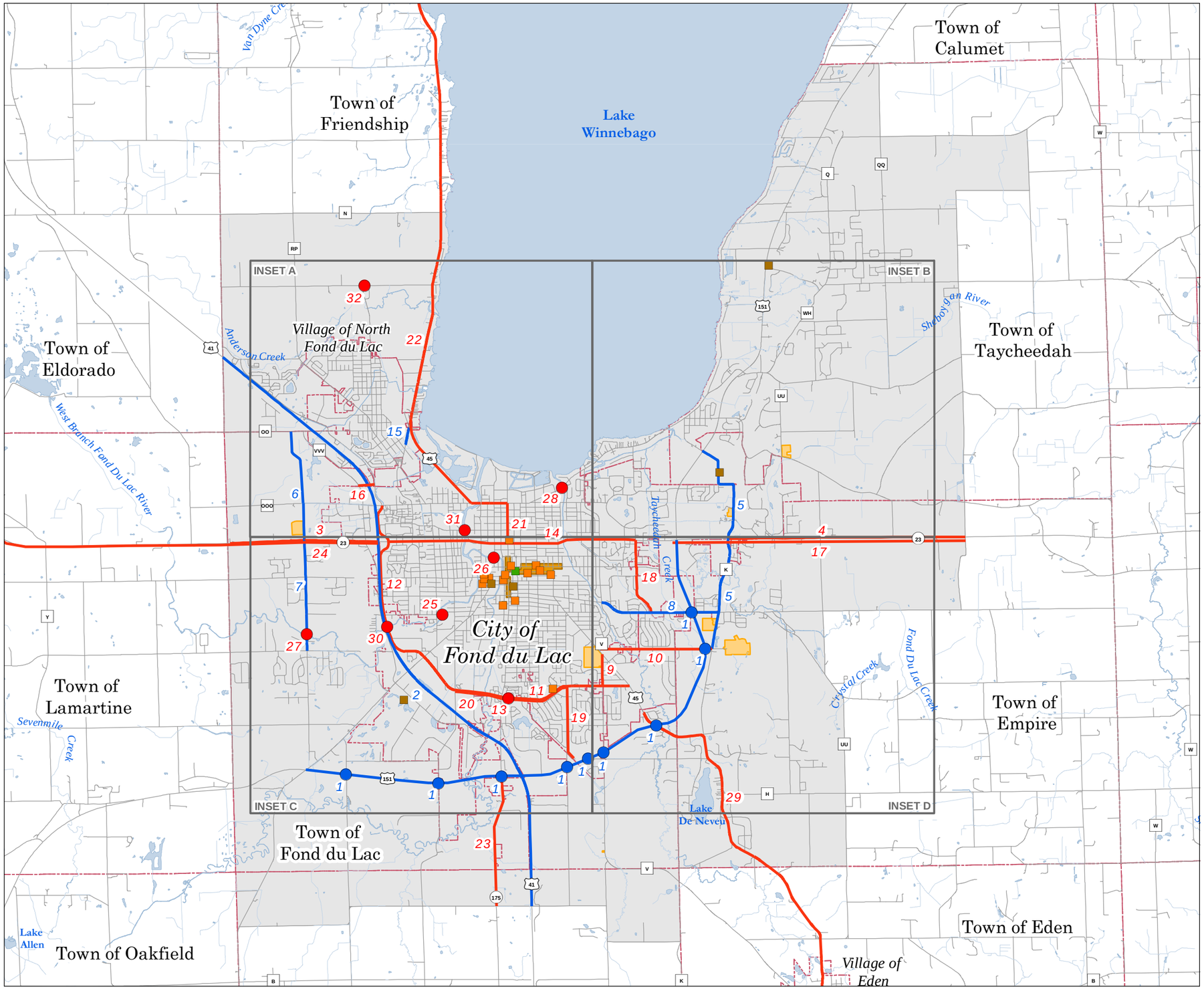

Exhibit 7-7

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Cultural Features

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
- Short-Range Planned Projects
- Municipality Boundaries
- Historical Markers
- Historical Sites
- Museums
- Cemeteries
- Historical Districts
- 2000 Metropolitan Planning Area

Source: WisDOT and ECWRPC provided the 2000 MPO and adjusted urbanized areas. ECWRPC provided 2005 Land Use. Fond du Lac County provided 2010 centerline, hydrology, and municipality boundaries. Register of Historical Places & Historic Markers obtained from Wisconsin Historical Society.

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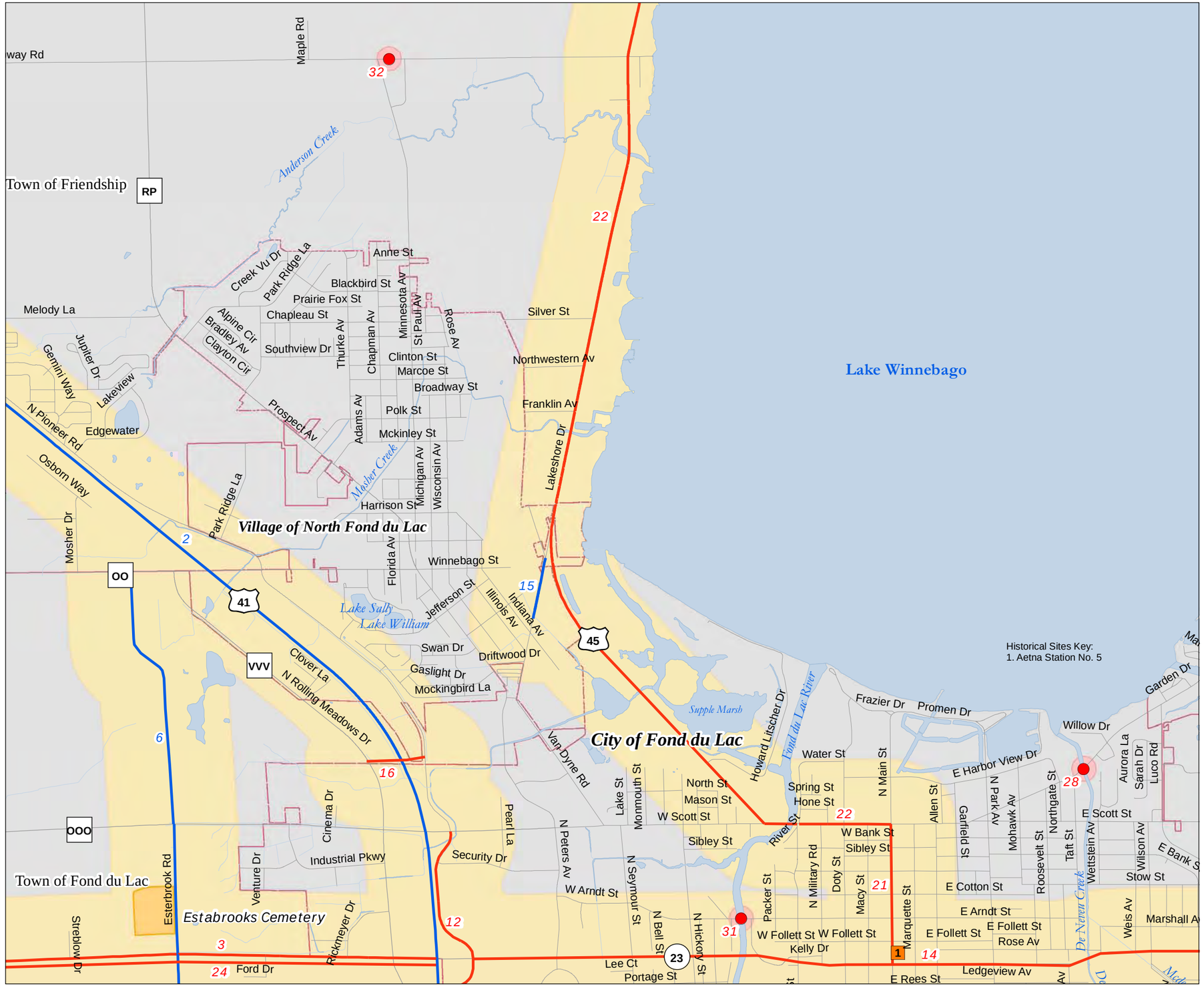

Exhibit 7-7 - Inset A

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Cultural Features

- Short-Range Planned Bridge or Intersection Projects
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- Long-Range Planned Projects
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- Historical Markers
- Historical Sites
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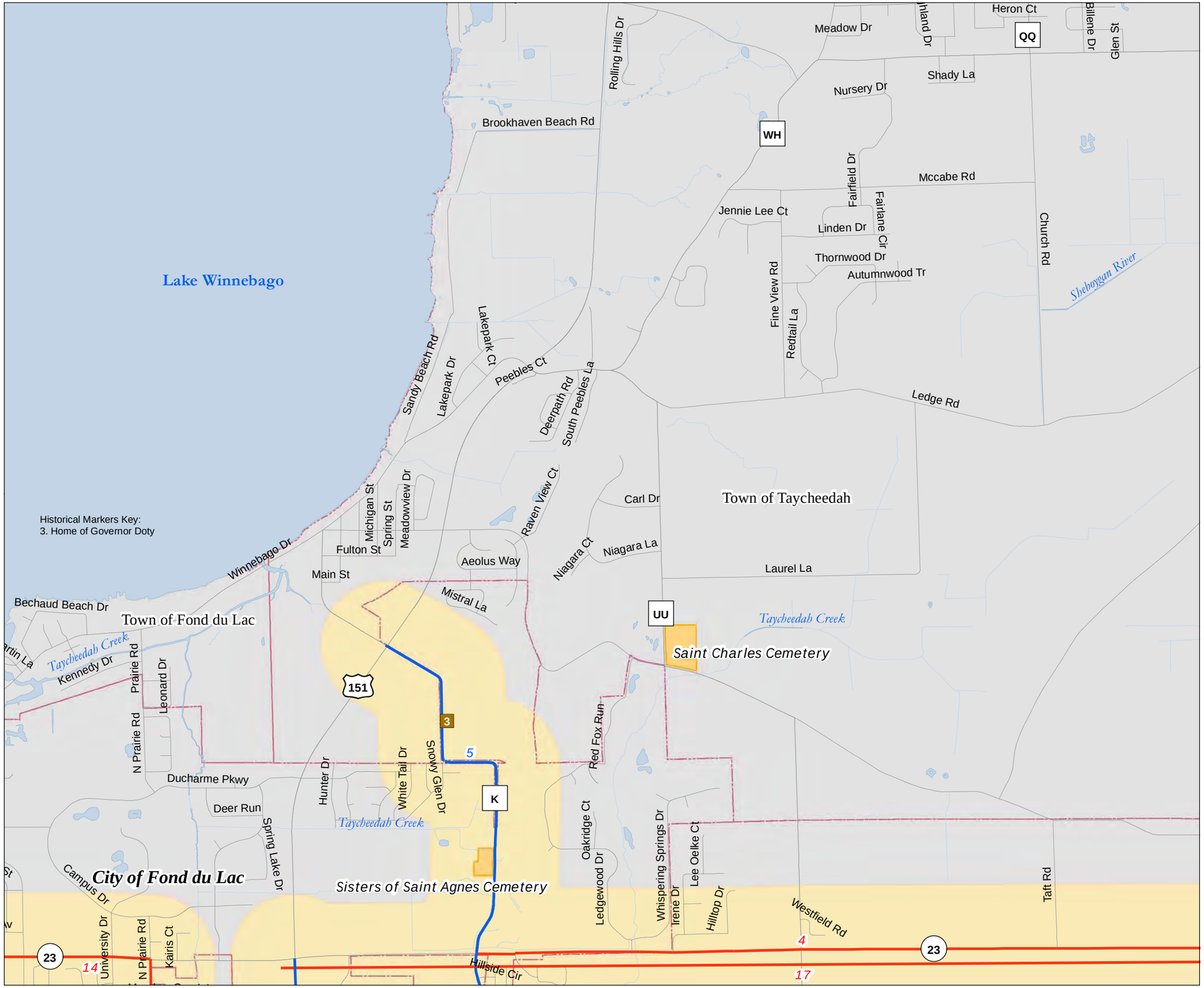

Exhibit 7-7 - Inset B

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Cultural Features

- Short-Range Planned Bridge or Intersection Projects
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- Short-Range Planned Projects
- Long-Range Planned Projects
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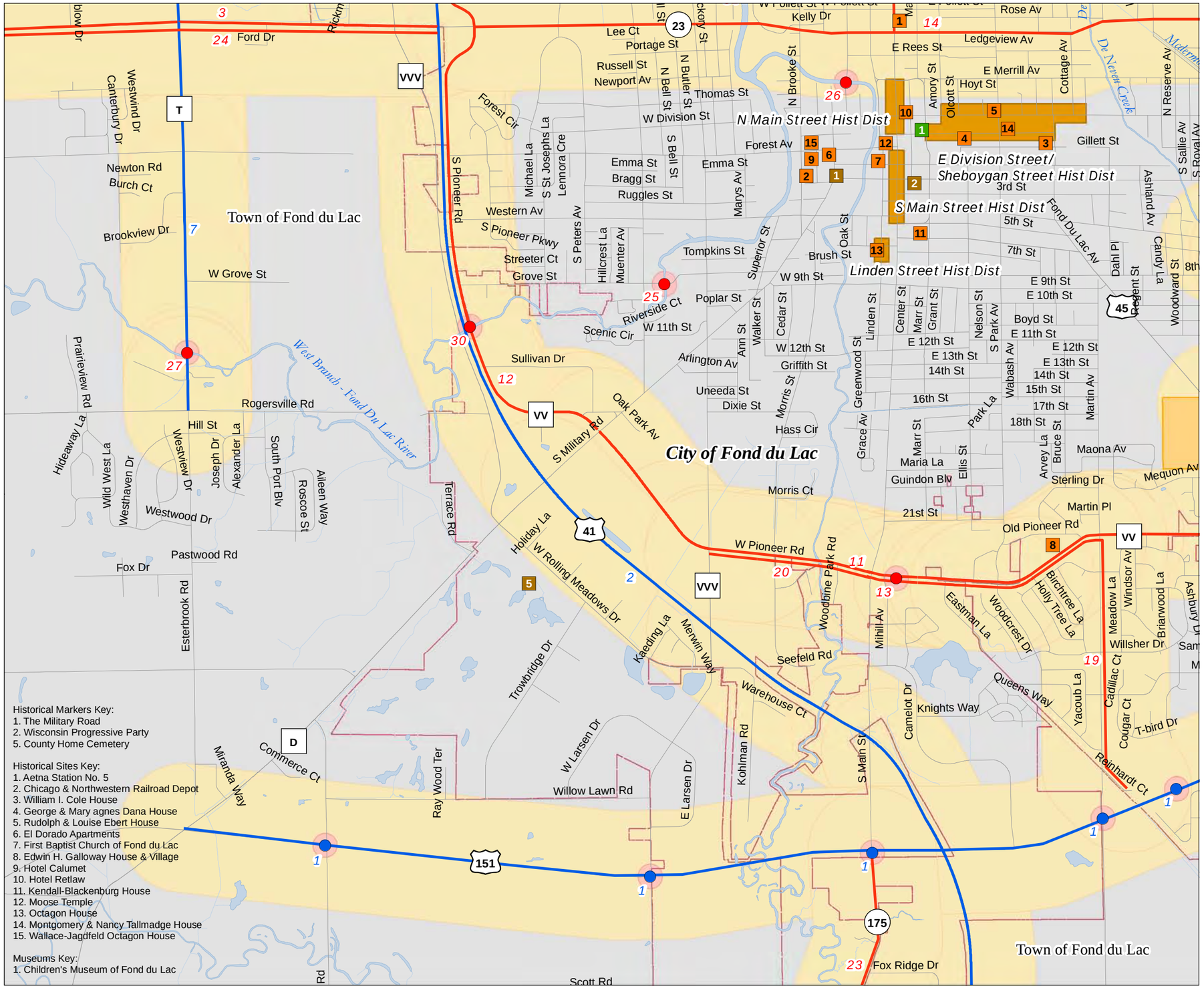

Historical Markers Key:
1. The Military Road
2. Wisconsin Progressive Party
5. County Home Cemetery

Historical Sites Key:
1. Aetna Station No. 5
2. Chicago & Northwestern Railroad Depot
3. William I. Cole House
4. George & Mary agnes Dana House
5. Rudolph & Louise Ebert House
6. El Dorado Apartments
7. First Baptist Church of Fond du Lac
8. Edwin H. Galloway House & Village
9. Hotel Calumet
10. Hotel Retlaw
11. Kendall-Blackenburg House
12. Moose Temple
13. Octagon House
14. Montgomery & Nancy Tallmadge House
15. Wallace-Jagdfeld Octagon House

Museums Key:
1. Children's Museum of Fond du Lac

Exhibit 7-7 - Inset C

FOND DU LAC MPO AREA RECOMMENDED PROJECTS

Cultural Features

- Short-Range Planned Bridge or Intersection Projects
- Long-Range Planned Bridge or Intersection Projects
- Short-Range Planned Projects
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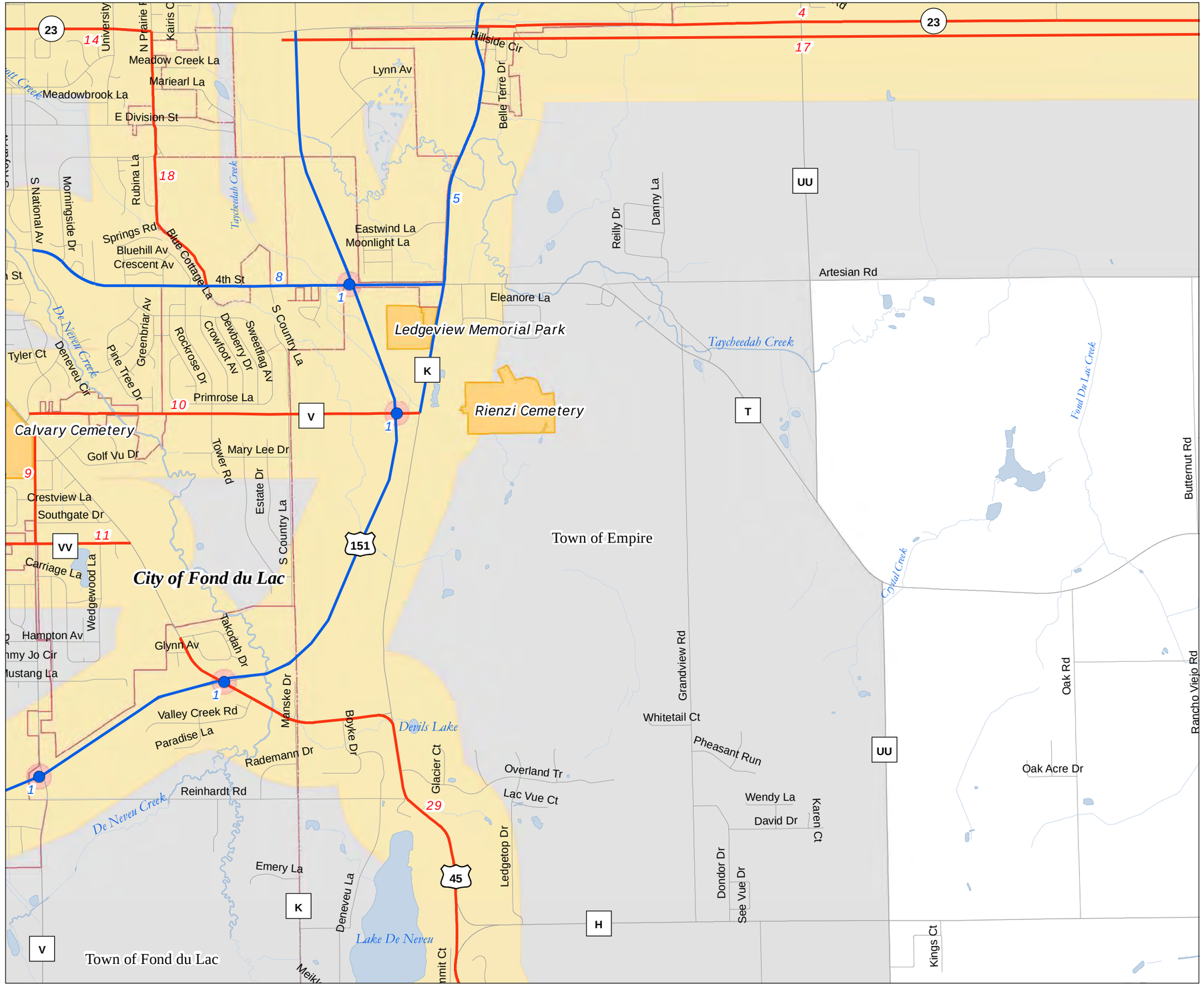

Exhibit 7-7 - Inset D

FOND DU LAC MPO AREA RECOMMENDED PROJECTS
Cultural Features

- Short-Range Planned Bridge or Intersection Projects
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- Short-Range Planned Projects
- Long-Range Planned Projects
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- Historical Markers
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Prepared By
EAST CENTRAL WISCONSIN
REGIONAL PLANNING COMMISSION-May 2010

Fond du Lac MPO Long Range Transportation/Land Use Plan Update - Projects and Envrionmental/Cultural Features

ID Number	Network Facility	Steep Slopes	Niagara Escarpment	Bedrock	Farmland	Groundwater Susceptibility	Wellhead Protection Areas	Lakes & Ponds	Rivers & Streams	Floodplains	Wetlands	Woodlands	Rare, Threatened & Endangered Species & Natural Communities	Recreational Trails	Natural Areas, County Parks and Nature Centers	State & National Registry of Historic Places	Wisconsin Historic Markers	Cemeteries	Museums & Other Historic and Cultural Resources
1	USH 151 BYPASS GRADE SEPARATION	X			X		X		X	X	X	X	X	X					
2	USH 41	X			X		X	X	X	X	X	X							
3	STH 23 (WEST JOHNSON STREET)																		
4	STH 23 (EAST JOHNSON STREET)	X	X		X	X	X		X			X	X					X	
5	CTH K		X				X		X	X	X	X	X	X				X	
6	CTH T (ESTERBROOK ROAD) - STH 23 to CTH OO								X			X		X				X	
7	CTH T - STH 23 to Esterbrook Rd.								X	X		X							
8	CTH T - National Ave to CTH K						X		X	X	X		X	X					
9	CTH V - CTH VV to USH 45																	X	
10	CTH V - CTH k to National Ave						X		X	X	X	X		X					
11	CTH VV (PIONEER ROAD) - Military Rd to USH 45	X					X		X	X		X			X	X			
12	CTH VV - Military Rd to CTH OOO								X	X		X							
13	CTH VV (Pioneer Road Rail Separation)						X												
14	JOHNSON STREET (STH 23)						X		X	X						X			
15	LAKESHORE DRIVE RAILROAD OVERPASS					X		X		X	X		X						
16	MASCOUTIN VALLEY TRAIL EXTENSION	X					X		X					X					
17	PLANK TRAIL EXTENSION		X		X	X	X		X		X	X	X	X					
18	PRAIRIE ROAD								X	X									
19	WILD GOOSE/PRAIRIE TRAIL CONNECTOR											X		X					
20	WILD GOOSE TRAIL EXTENSION	X					X		X	X	X	X							
21	USH 45 (MAIN STREET) - Johnson St to Scott St						X			X						X			
22	USH 45 - Scott St to North FDL County Line					X	X	X	X	X	X	X	X		X				
23	STH 175					X			X	X		X							
24	STH 23 CORRIDOR STUDY								X										
25	GROVE STREET BRIDGE								X	X		X							
26	DOTY STREET BRIDGE					X	X		X	X									
27	CTH T BRIDGE								X	X		X							
28	WINNEBAGO DRIVE							X	X	X		X	X						
29	USH 45/Eden – Fond du Lac	X			X	X	X	X	X	X	X	X		X					
30	CTH VV, Fond du Lac County	X							X	X		X							
31	Arndt Street Bridge, City of Fond du Lac						X		X	X		X							
32	Subway Road, Town of Friendship				X				X			X							

CHAPTER 8 - STATE LONG RANGE TRANSPORTATION PLAN COORDINATION

Federal and State legislation require the WisDOT to develop a statewide Long Range Transportation Plan. Federal legislation (SAFETEA-LU) requires each state to coordination with local MPOs. SAFETEA-LU places greater emphasis on transportation system security considerations, consultation activities, and linking statewide planning activities to project-level activities than previous legislation. State legislation, specifically the comprehensive planning law (Section 66.1001, Wis. Stats.) focuses on improving communication within and among jurisdictions to make more informed decisions that result in smart growth.

Connections 2030, Wisconsin's Long Range Transportation Plan (LRTP) envisions an integrated multimodal transportation system that maximizes the safe and efficient movement of people and products throughout the state, enhancing economic productivity and the quality of Wisconsin's communities while minimizing impacts to the natural environment. The Wisconsin LRTP will help the state maintain and enhance its transportation system to meet the needs of the 21st century and fulfill the state's transportation vision. The focus is on maintaining and enhancing that system to support future mobility and economic growth.

Connections 2030 sets the foundation for Wisconsin's transportation system with an emphasis on:

- Safety and security;
- Preserving the existing and future system;
- Optimizing investment in the system for continued safety, enhanced mobility and efficiency;
- Responding to local, regional, national and international economic trends to maintain state economic competitiveness;
- Considering environmental issues to maintain Wisconsin's quality of life; and
- Providing users with transportation choices.

The Fond du Lac MPO's long range plan's goals, objectives and policies support the Wisconsin's *Connections 2030*, LRTP's vision and emphasis. Throughout the transportation planning process the MPO is working closely with WisDOT to ensure coordination between agencies. It is through this process that LRTP are implementable and successful at all levels of government.

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CHAPTER 9 - FINANCIAL ANALYSIS

As required by SAFETEA-LU, starting December 11, 2007, revenue and cost estimates must use an inflation rate(s) to reflect "year of expenditure dollars", based on reasonable financial principles and information, developed cooperatively by the State, MPOs, and public transportation operators. Federal regulations require that only funding for federal-aid highways be addressed.

WisDOT Office of Policy and Budget decided that the inflation rate of 2.8 percent should be applied to the total annual program cost for the financial analysis chapter of the LRTP as the basis for comparison with estimated revenues in a demonstration of fiscal constraint. This inflation rate is Consumer Price Index (CPI) driven, and not driven by the construction index, in keeping with the limited funds available in the budget.

The financial analysis is intended to show that funding is reasonably available to implement the recommendations of the plan. The Financial Plan section of this document includes a compilation of state and federal highway funds which are currently available to the Fond du Lac area jurisdictions. (See LRTP – pg 161) Local funding level projections are based on historic spending levels. The anticipated needs are estimated based on WisDOT's Urban Corridors Study, a pavement inventory and output from the Wisconsin Information System for Local Roads (WISLR), and proposed project needs from previous studies. Over the life of the plan, needs are projected at over $132 million, while anticipated funding is estimated at over $320 million over the remaining 25 year plan horizon.

ESTIMATED LONG RANGE FINACIAL NEED WITH ANNUAL INFLATION FACTOR

The 2010 Federal and State annual program cost was projected out twenty-five years based on the annual 2.8 inflation factor. Expenditures are estimated around $132 million in transportation improvements over the remaining life of the plan. State and federal funding for expansion and preservation of the local road system is expected to amount to over $64 million (Table 9-1).

Table 9-1
Projected State/Federal Long Range Program Cost
Fond du Lac Metropolitan Planning Area

	2010-2014	2015-2024	2025-35	Total
Highway Expansion*	$843,854	$2,081,038	$3,061,186	$5,986,078
Preservation/Maintenance	$8,284,623	$20,430,795	$30,053,499	$58,768,917
Local Road Improvements	$7,180,522	$17,707,960	$26,048,236	$50,936,719
Bike and Pedestrians	$654,936	$1,615,144	$2,375,861	$4,645,941
Transit	$1,724,345	$4,252,425	$6,255,276	$12,232,046
Total Funding	$18,688,281	$46,087,363	$67,794,058	$132,569,701

Source: WisDOT, ECWRPC 2010

The constant dollar assumption to project local funding combined with the state and federal projections provided by WisDOT, shows anticipated revenue over the life of the plan at over $320 million (Table 9-2).

Table 9-2
Anticipated Revenues
Fond du Lac Metropolitan Planning Area

	2010-2014	2015-2024	2025-2035	Total
Local	$26,552,242	$65,480,758	$96,321,553	$188,354,552
State and Federal	$18,688,281	$46,087,363	$67,794,058	$132,569,701
Total Revenue	$45,240,522	$111,568,121	$164,115,611	$320,924,254

Source: WisDOT, ECWRPC 2010

APPENDIX

APPENDIX A

PUBLIC INFORMATION MEETING COMMENTS & SIGN IN SHEET

Fond du Lac Metropolitan Planning Organization
Public Information Meeting for LRTP Update
June 8, 2010
4:00-6:00 PM
Fond du Lac City/County Government Center
160 South Macy Street, Fond du Lac

Name	Representing	Contact Address/E-Mail Address
Gary L. Mille	FDL City Council	GARYLEE2@GMAIL.COM
MARK WEBER	DEVELOPMENT	mweber.re@sbcglobal.net
Lynn Gilles	Transit	lgilles@ci.fond-du-lac.wi.us
Jeff Reese	Park Watch	jmreese@hotmail.com
MARK LENTZ	CITY FDL - DPW	MLENTZ@CI.FOND-DU-LAC.WI.US
Richard Cusick	Self	rcusick3@charter.net
Ron Widell	Self - Business	ron.widell@schenecksc.com
Wayne Rollin	City FDL	wrollin@fdl.wi.gov
Charles McCourt	T of Friendship	MccourtCharles@gmail.com
Robert Bitler	Wildlife Subdivision	287 Trails End Ct. FDL bjbitler@charter.net
Jane Dennis	Park Watch	jane.dennis@charter.net
ROBERT OBERBECK	RESIDENT CITY OF FOND DU LAC	oberbeck@SHOREWEST.COM

United States Department of the Interior

FISH AND WILDLIFE SERVICE

Green Bay ES Field Office
2661 Scott Tower Drive
New Franken, Wisconsin 54229-9565
Telephone 920/866-1717
FAX 920/866-1710

August 24, 2010

Mr. Nickolas Musson
East Central Wisconsin Regional Planning Commission
400 Ahnaip Street, Suite 100
Menasha, Wisconsin 54952

re: Environmental Mitigation
Proposed Construction Sites
Fond Du Lac County, Wisconsin

Dear Mr. Musson:

The U.S. Fish and Wildlife Service (Service) has received your letter dated July 27, 2010, requesting comments on the Fond du Lac Metropolitan Planning Organization MPO Environmental Mitigation chapter for the 2035 Long Range Transportation Plan update. We have reviewed the document and our comments follow.

Federally-Listed Species, Candidate Species, and Critical Habitat

We have noted that you have consulted the Wisconsin DNR website for federally listed species in addition to state listed species. Please also consult our website for a current list of federally listed endangered, threatened, candidate species along with critical habitat; http://www.fws.gov/midwest/endangered/lists/cty_indx.html#wisconsin.

Wetland Mitigation

As you have noted, the MPO project area may include wetlands. In refining and selecting future project alternatives, efforts should be made to select an alternative that does not adversely impact wetlands. If no other alternative is feasible and it is clearly demonstrated that project construction resulting in wetland disturbance or loss cannot be avoided, a wetland mitigation plan should be developed that identifies measures proposed to minimize adverse impacts and replace lost wetland habitat values and other wetland functions and values. Any project that impacts wetlands or waterways, including seasonally ephemeral and intermittent streams, should include design features such as culverts to retain hydrological connection between areas fragmented by the project.

We appreciate the opportunity to respond. Questions pertaining to these comments can be directed to Ms. Jill Utrup at 920-866-1734.

Sincerely,

Louise Clemency

Louise Clemency
Field Supervisor

Fond du Lac Long Range Transportation Plan Review and Update Comments

- Robert A. Bitter
  Thank you for the opportunity to express my thoughts on the Fond du Lac Long Range Transportation /Land plan. I write to encourage construction of the overpasses on USH 151 by-pass at Martin Road and CTH V. While I think that traffic control lights at these intersections would be sufficient to provide for the safe-flow of traffic, construction of the overpasses would present the DOT with the option of re-structuring the woefully ill-conceived water-drainage provisions presently in place. Recently, after the June 8, 2010 rainstorm, muddy water from the bare fields north of USH 151 was flowing through my yard on the south side of USH 151. This is unacceptable. It is also unhealthy, since the runoff water forms a slew of stagnant water throughout the summer.

  DATE: June 26 2010
  NAME: Robert A. Bitter
  Address: 28 Trails End Ct.
  City: Fond du Lac, WI
  Zip: 54937

- Bruce & Carol Springstroh
  As a current property owner in Fond Du Lac, I feel the current access to HWY 151 from County Road V needs to be addressed. Access to a Highway from an At-Grade intersection is a dangerous situation, even though you are no longer allowed to cross the highway, trying to merge with traffic at highway speeds from a stop is hazardous at best. Another concern is access to the HWY 41 traffic route and to the HWY 23 Retail area, depending on where you reside (north or south of HWY 151) getting to these locations can require you to take a rather circuitous route. The land to address this problem with a highway interchange is available now and I would think that future development of the HWY 151 corridor is a major incentive to pushing this project forward in a timely manner.

  Bruce & Carol Springstroh
  51 Fawn Ct
  Fond du lac WI

- Mark Weber
  I have sent you a lot of material on this subject. Let me give you the perspective of what I believe happened in Fond du Lac from someone who is a true "stakeholder". I don't think anyone at that "stakeholder" table during all those meetings on the bypass had hundreds of thousands of dollars of their own money at "stake". Their jobs were not even at stake.

  In most cases, when bypasses are proposed or planned, there is often a huge fight against it by the people in the area. In Fond du Lac, while there was some concern, this area supported the project. The beltline around liberal, "nimby" Madison even generated millions of dollars of private investment once complete. Fond du Lac is being cheated out of that development and those jobs.

The design that finally came to this second leg of the bypass, a most important leg, and one that was to be part of the I-system from 41 to 23 as part of the 2020 plan, suddenly was short changed on grade separations as the money went to the Marquette interchange. (take this Fond du Lac, or another "no build").

By DOT's own admission (I have their comments from a news article), the interchange at V was less than "optimal". One person died at V soon after it opened. As I told you yesterday, the sign placement restricted view to the west. I know, I personally almost got hit out there myself.

Also, this stretch of highway had a "phased" traffic increase". The northbound on-ramp lane on highway 41 was not open immediately, thus traffic volume was light for 4 months but then increased dramatically once that access opened. Travelers had to adjust to increased traffic again. Then, when the red corridor opened, yet again more traffic. I remember someone from the DOT at one meeting telling all of us that the traffic would not increase once the red corridor opened. Can someone explain then, where all the traffic is coming from today?

I know of few roads that were constructed in such a manner, and had such an "opening". Frankly, this is the only stretch of 151 from Dubuque Iowa to Fond du Lac that has lanes restricted such as these(I drove that entire stretch last year). Maybe, just maybe, this was not constructed properly form the start and had nothing to do with the people. No one at DOT lost their job, despite the design problems that forced roads to be restricted. Even in Door county on their bypass, the lanes are restricted, but the most important intersections also have traffic lights.

I should tell you both that one of our limited partners, Sig Gieschen was the first to be killed at highway 149 (now WH) and the 151 bypass. This hurt us deeply, as he was good friend as well as partner. We did not cry out for lights at 149 and 151, NOR did the family of Sig. The public outcry put lights there. Ironically, he died, and then the subdivision he invested in was impacted by yet another death. For some reason, lights were not to be placed at V, no doubt because the trucking industry, from which the Secretary of DOT came, did not want them. It is always big money that affects policy. I am sure that if my name were Herb Kohler, the interchange would be on its way. No offense, Herb.

I am sure other big money does not want these proposed changes. That is no doubt the real reason, rather than the excuses we hear. That is fine, but the people being hurt are small businesses on 4th street and further south on Highway V as well as us, future business people who have contacted us about sites - all are negatively impacted. You saw this from the letters of investors in our small piece of the world.

The government has for a year and a half talked about "Stimulus" and "Infrastructure". Frankly, I really don't think they understand that <u>they</u> have prevented **BOTH** in this area. Here governments actions have prevented the jobs of many, new jobs for many, and investment, economic activity and tax base. I know from people who we have talked to us over the last year, that there would have been, in this poor economy, more

houses, more senior apartments, and more commercial properties if this road were open or the interchange planned was built – as DOT said in June of 2007 – 3-5 years.

When I was young, I was taught to fix things you broke or correct things you did wrong before moving on to other projects. Apparently many others never learned that, perhaps that is why this country has so many problems – we never finish one thing before moving on to the next project.

We will soon have a website and it will be a venue for updates on this project. Please provide them to us. I am also planning on writing a book on development, dealing with government, the DOT, etc. How the chapter is written about this area and the ability of government to get things done is really up to them.

Being involved in government was never easy. I could never understand in 8 years on a city council why every developer, some we never had met, always seemed to have a chip on their shoulder and a "hate" for the government, although many times I and the council were quite accommodative to them.
Now,I understand**.**

Mark Weber
1042 sycamore Tree Dr.
Fond du Lac WI 54935
Cell 920-960-4301

WisDOT Comment (In response to 151/V and drainage issues)

- Hey Walt,
  We are committed to an interchange at V and an overpass at Martin Road. They are not scheduled and are not in the works. Funding would have to be result from local reps getting state support.

  The ditch issue should be brought to our maintenance section to address.

  Rob

  -----Original Message-----
  From: Walt Raith [mailto:WRaith@eastcentralrpc.org]
  Sent: Monday, June 28, 2010 8:54 AM
  To: Wagner, Robert - DOT (Northeast Region)
  Subject: FW: FDL public input

  Hi Rob,
  We are in the process of updating the Fond du Lac Long Range Plan. A lot of comments wishing for overpasses at CTH V and Martin Road. As I understand it these are committed, but no timeline has been established for construction. True/false, any idea?
  FYI the note below also includes some drainage concerns with the project.
  Thanks
  Walt

APPENDIX B

CONSULTATION LIST

EAST CENTRAL WISCONSIN REGIONAL PLANNING COMMISSION

400 Ahnaip Street, Suite 100 Menasha Wisconsin 54952 (920) 751-4770 Fax (920) 751-4771
Website: www.eastcentralrpc.org Email: staff@eastcentralrpc.org

An Economic Development District and Metropolitan Planning Organization
Serving the East Central Wisconsin Region for over 30 years
-A Recipient of the 2007 Foth Good Government Award-

July 27, 2010

Dear Transportation Stakeholder:

The East Central Wisconsin Regional Planning Commission (ECWRPC) is seeking comments on the Fond du Lac Metropolitan Planning Organization (MPO) Environmental Mitigation chapter of the 2035 Long Range Transportation Plan (LRTP) update. The purpose of this letter is to promote cooperation and coordination to eliminate or minimize conflicts with other agencies' plans that impact transportation. Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), requires that the ECWRPC consult with federal, state and local entities that are responsible for economic growth and development, environmental protection, airport operations, freight movement, land use management, natural resources, conservation, and historic preservation.

The formal comment period begins July 28, 2010 and ends on September 13, 2010.

Please direct any comments or concerns to:

Nickolas Musson
East Central Wisconsin Regional Planning Commission
400 Ahnaip Street, Suite 100
Neenah WI, 54952
Fax: 920.751.4771
E-mail: nmusson@eastcentralrpc.org

For further information on the Fond du Lac MPO LRTP please visit the following website:
http://www.eastcentralrpc.org/FondduLacMPO/index.html

Your comments are an important part of the planning process.

Enclosed with this letter, you will find the environmental mitigation chapter of the LRTP and supporting maps.

Sincerely,

Nickolas Musson
Transportation Planner

FOND DU LAC MPO Consultation List

Local Agencies

MCD	GNDR	FIRSTNAME	LASTNAME	TITLE	ORGANIZATION/LOCATION	ADDRESS	CITY	STATE	POSTAL CODE	EMAIL ADDRESS	PHONE
20000	MR	TOM	JANKE	HIGHWAY COMMISSIONER	FOND DU LAC COUNTY	301 DIXIE STREET	FOND DU LAC	WI	54935		
20000	MR	SAM	TOBIAS	DIRECTOR PLANNING & DEVEL	FOND DU LAC COUNTY	160 S. MACY STREET	FOND DU LAC	WI	54935		
20000	MR	LYNN	MATHIAS	LAND &WATER CONSERVATION	FOND DU LAC COUNTY	W 6529 FOREST AVE	FOND DU LAC	WI	54937		
20000	MR	ALLEN	BUECHEL	COUNTY EXECUTIVE	CITY-COUNTY GOVERNMEN	160 SOUTH MACY STREE	FOND DU LAC	WI	54935		
20000	MR	PAUL	DYKE	AGRICULTURAL AGENT	UW-EXTENSION-FOND DU L	227 ADMIN/EXT BLDG., 40	FOND DU LAC	WI	54935	paul.dyke@ces.uwex.edu	
20000	MS	LISA	FREIBERG	CLERK	FOND DU LAC COUNTY	160 S MACY STREET P O	FOND DU LAC	WI	54935		
20008	MS	KAY	OESTREICH	CLERK	T BYRON	W5808 CHURCH ROAD	FOND DU LAC	WI	54937	byronclerk@hotmail.com	920 921 0071
20016	MR	MICHAEL D	MORGAN	CLERK	T EMPIRE	W3897 4TH STREET ROA	FOND DU LAC	WI	54937	clerk@dotnet.com	920 922 4382
20018	MS	PATTI S	SUPPLE	CLERK	T FOND DU LAC	N5256 COUNTY ROAD V	FOND DU LAC	WI	54935	clerk@townoffdl.com	920 923 1327
20022	MS	LORI	HOFMANN	CLERK	T FRIENDSHIP	N8822 LAKESHORE DRIVE	VAN DYNE	WI	54979	lorilh1@gmail.com	920-579-1912
20040	MS	BRENDA A	SCHNEIDER	CLERK/SUPERVISOR DIST 1	T TAYCHEEDAH/FOND DU L	W4295 KIEKHAEFER PKW	FOND DU LAC	WI	54935	clerk@townoftaycheedah.com	920 795 4625
20161	MS	DONNA	RICHARDS	CLERK	V NORTH FOND DU LAC	16 GARFIELD STREET	FOND DU LAC	WI	54937	drichards@nfdl.org	920 929 3765
20226	MS	SUE	STRANDS	CLERK	C FOND DU LAC	160 SOUTH MACY, P O BO	FOND DU LAC	WI	54935	sstrands@ci.fond-du-lac.wi.us	920 322 3432
					Fond du Lac Historical Society	P.O. Box 1284	FOND DU LAC	WI	54936		

State Contacts

	Al	Stranz	DNR Northest Region	DNR	2984 SHAWANO AVE PO E	Green Bay	WI	54307		(920) 492-5818
	Michael	Stevens	Wisconsin State Historical Society,	State Historical Society	816 State St	Madison	WI	53706		
	Peter	Nauth	Wisconsin Department of Agricultu	DOA	2811 Agriculture Dr	Madison	WI	53708		
	Matt	Halada	Transportation Planner	WisDOT-DTSD-NE Region	944 Vanderperren Way	Green Bay	WI	54304	matthew.halada@dot.wi.gov	(920) 492-7725

Federal Contacts

	Ken	Westlake	Office of Science, Ecosystems, and Communities U.S. EPA Regio		77 W. Jackson Blvd. Attn: S	Chicago	IL	60604	Kamke.Sherry@epamail.epa.gov	312-353-5794
	Louise	Clemency	U.S. Fish and Wildlife Service		2261 Scott Tower Dr	New Franken	WI	54229		920-866-1734
	Patricia	Leavenworth	U.S. Department of Agriculture	Natural Resource Conservatio	6515 Watts Road, Suite 200	Madison	WI	53719		
	Thomas	Gilbert	Superintendent	National Park Service	700 Rayovac Drive, Suite 10	Madison	WI	53711	tom_gilbert@nps.gov	(608) 441-5610
	Todd	Vespernan	Fond du Lac and Sheboygan Cour	U.S. Army Corps of Engineers	211 N. Broadway, Suite 216	Green Bay	WI	54303		
	Dave	Jolicoeur	Community Planner	FHWA - Wisconsin Division	525 Junction Road, Ste 800	Madison	WI	53717	david.jolicoeur@dot.gov	608.829.7520

Indian Tribes

Mike	Wiggins, Jr	Chairman	Bad River Band of Lake Superi	P.O. Box 39	Odanah	WI	54861		715-682-7111
Harold	Frank	Chair	Forest County Potawatomi Cor	P.O. Box 340	Crandon	WI	54520		715-478-7200
Wilfrid	Cleveland	President	Ho-Chunk Nation	Tribal Office Building, P.O. E	Black River Falls	WI	54615		(715) 284-9343
Louis	Taylor	Chair	Lac Courte Oreilles Band of La	13394 West Trepenia Road	Hayward	WI	54843		715-634-8934
Jerome “Brooks”	Big John	President	Lac du Flambeau Band of Lake	PO Box 67	Lac du Flambeau	WI	54538		715-588-3303
Laurie	Boivin	Chairperson	Menominee Indian Tribe of Wis	W2908 Tribal Office Loop, F	Keshena	WI	54135		715-799-5114
Kimberly	Vele	President	Stockbridge-Munsee Band of M	Stockbridge-Munsee Tribal	Bowler	WI	54416		715-793-1307
Rick	Hill	Chair	Oneida Nation of Wisconsin	PO Box 365	Oneida	WI	54155		920-869-4380
Rose	Soulier	Chairperson	Red Cliff Band of Lake Superio	88385 Pike Road, Highway	Red Cliff	WI	54814		715-779-3700
Lewis	Taylor	Chairman	St. Croix Band of Lake Superio	St. Croix Tribal Center, 2466	Webster	WI	54893		715-349-2195
Garland	McGeshick	Tribal Chair	Sokaogon Chippewa Commun	3051 Sand Lake Road	Crandon	WI	54520		715-478-7500

APPENDIX C

BRRTS CONTAMINATION RESULTS

You searched for:

Fond Du Lac County

ERP and LUST Activity Types

BRRTS Activity Number	Activity Name	Activity Type	Juris	Address	Municipality	Zip	County	Region	FID	Start Date	End Date	Last Action Date	Comments
02-20-000912	RUEPING - DOTY ST	ERP	DNR	93 DOTY ST (LOT 2)	FOND DU LAC CTY	54935	FOND DU LAC	NORTHEAST	420044900	3/1/1990	6/8/1993	2/9/2009	
02-20-000914	WISCONSIN CENTRAL LTD - REFUELING AREA	ERP	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	8/11/1989		3/25/2010	
02-20-000915	RIPON HWY NN LF (SF)	ERP	DNR	CTH NN & FF	RIPON TN	54971	FOND DU LAC	NORTHEAST	420013660	9/9/1983		1/28/2010	
02-20-000916	RIPON LF - HWY 23 (PP)	ERP	DNR	CTH PP (N OF STH 23)	RIPON		FOND DU LAC	NORTHEAST	420099900	5/1/1984	2/27/1998	5/8/1998	*** TRANSFERRED TO SOLID WASTE PROGRAM - ACTIVITY NO LONGER MANAGED BY RR *** NAME PREVIOUSLY LISTED AS RIPON HWY PP LF - CHANGED 03/23/2010 D HANSEN
02-20-000918	RIPON WELLS #6 #9	ERP	DNR	525 N UNION/1224 W FOND DU LAC	RIPON		FOND DU LAC	NORTHEAST	NONE	7/2/1982		3/1/2010	
02-20-001301	W P & L COAL GAS SITE	ERP	DNR	SPRING ST & E WATER ST	RIPON		FOND DU LAC	NORTHEAST	420039950	4/23/1991		4/12/2010	
02-20-001303	W P & L COAL GAS SITE	ERP	DNR	270 W JOHNSON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420103090	4/23/1991		4/23/2010	
02-20-001310	MEIER PROPERTY	ERP	DNR	W234 WEBER RD	CALUMET TN		FOND DU LAC	NORTHEAST	420107050	11/3/1991	6/6/2005	8/1/2005	
02-20-001312	SADOFF IRON & METAL	ERP	DNR	240 W ARNDT ST	FOND DU LAC CTY	54935	FOND DU LAC	NORTHEAST	420040170	1/28/1990	9/18/1997	1/7/2009	
02-20-001440	RUEPING LEATHER	ERP	DNR	80 W REES ST (LOTS 3 & 5)	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/1/1995	8/25/2004	12/12/2007	PREVIOUSLY LISTED AT 93 DOTY ST CHANGED 7/2010 PER COUNTY RECORDS PER R SANCHEZ
02-20-001471	MANSKE PROPERTY	ERP	DNR	N5669 & N5657 STH 45	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/29/1992	6/17/1999	6/17/1999	
02-20-001487	DAWN PRODUCTS/EDEN FARM SUPPLY - EDEN	ERP	DATCP	102 W MAIN ST	EDEN		FOND DU LAC	NORTHEAST	NONE	2/1/1993	6/10/2006	12/4/2006	
02-20-001494	BITTERS / WIS POWER & LIGHT	ERP	DNR	PACIFIC ST	RIPON		FOND DU LAC	NORTHEAST	NONE	12/4/1992	7/26/1993	7/26/1993	
02-20-001502	ELMWOOD SCHOOL	ERP	DNR	W6954 CTH OOO	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	12/16/1992	12/3/1993	12/3/1993	
02-20-001503	BRENNER TANK	ERP	DNR	450 ARLINGTON AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420006290	11/20/1992	8/30/1993	8/30/1993	
02-20-001551	RB ROYAL INDUSTRIES	ERP	DNR	442 ARLINGTON AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420021800	3/30/1993	7/9/2003	4/15/2004	
02-20-001571	FIRSTAR BANK PROPERTY	ERP	DNR	STH 23	RIPON		FOND DU LAC	NORTHEAST	NONE	3/25/1994	7/26/1994	7/26/1994	
02-20-001587	MERCURY MARINE PLT 15 METAL SHAVINGS	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	9/29/1994	12/21/2009	12/21/2009	
02-20-001588	WELLS MFG CORP	ERP	DNR	26 S BROOKE ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420039840	12/15/1993	6/17/1995	6/17/1995	
02-20-001604	ZIEBART TIDY CAR	ERP	DNR	212 W COTTON ST	FOND DU LAC		FOND DU LAC	NORTHEAST	420106060	6/29/1994	12/7/1994	12/7/1994	
02-20-001606	FOND DU LAC STONE	ERP	DNR	N4224 STH 175	FOND DU LAC		FOND DU LAC	NORTHEAST	420077240	12/19/1994	6/10/2002	6/10/2002	
02-20-001613	SPEED QUEEN	ERP	DNR	SHEPARD & HALL ST	RIPON	54971	FOND DU LAC	NORTHEAST	420044570	1/27/1995	2/3/2005	6/14/2005	
02-20-001618	RIPON BULK PLT	ERP	DNR	301 PACIFIC ST	RIPON	54971	FOND DU LAC	NORTHEAST	420109580	2/7/1995	6/2/2005	8/1/2005	
02-20-001669	SPEED QUEEN SITE #2	ERP	DNR	SHEPARD & HALL ST	RIPON	54971	FOND DU LAC	NORTHEAST	420044570	7/18/1995		2/27/2010	

02-20-001673	UNION PACIFIC RR (FORMER - LF)	ERP	WASTE	W6361 NORTHWESTERN AVE	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/11/1995	2/16/1998	5/10/1999	*** TRANSFERRED TO SOLID WASTE PROGRAM - ACTIVITY NO LONGER MANAGED BY RR ***
02-20-001674	COMBINATION DOOR CO	ERP	DATCP	1000 MORRIS ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420102540	9/20/1994	2/7/1996	2/7/1996	
02-20-001683	MEICKLEJOHN PROPERTY	ERP	DNR	NORTHWEST WAY	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	4/19/1994	3/17/1998	3/17/1998	
02-20-099154	HUTTER CONST CO	ERP	DNR	134 WESTERN AVE	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/21/1996	6/5/1996	6/5/1996	
02-20-110072	CONDON OIL BULK PLT	ERP	DNR	256 FOREST AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420022130	8/2/1996		5/22/2009	
02-20-110444	WEST MAIN BLDG CENTER	ERP	DNR	810 W MAIN ST	WAUPUN		FOND DU LAC	NORTHEAST	NONE	10/2/1996	1/7/1997	1/7/1997	
02-20-114765	BUECHEL PROPERTY	ERP	DNR	W6630 CTH T	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/6/1997	4/13/1998	4/13/1998	
02-20-118383	QUICFREZ - LGU	ERP	DNR	105 OAK PLACE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	998314900	2/13/1997		6/29/2010	
02-20-118526	SCHWIND TRUCKING CO	ERP	DNR	W103 CTH T	FOREST TN	53073	FOND DU LAC	NORTHEAST	NONE	11/11/1996	11/27/1996	11/27/1996	ACTIVITY PREVIOUSLY LISTED AT W9194 CTH T GLENBEULAH WHICH IS THE MAILING ADDRESS FOR SCHWIND IN SHEBOYGAN COUNTY. COUNTY CHANGED FROM SHEBOYGAN TO FOND DU LAC ON 02-JAN-09 PREVIOUS ACTIVITY NUMBER WAS 02-60-118526
02-20-150469	E G WILL OIL CO	ERP	DCOM	205 W BARRETT ST	ST CLOUD	53079	FOND DU LAC	NORTHEAST	320000230	6/5/1997	10/21/2002	10/15/2008	
02-20-170496	MERWIN OIL BULK FACILITY (FORMER)	ERP	DNR	254 AUBURN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/10/1997	12/19/2000	8/11/2009	
02-20-174354	AMERITECH MICROWAVE TOWER	ERP	DCOM	CTH Y .5 MI W OF STH 175	SOUTH BYRON		FOND DU LAC	NORTHEAST	NONE	3/2/1994	11/19/1997	11/19/1997	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-178242	AGRI-LAND COOP - MALONE FACILITY	ERP	DCOM	N8791 CTH W	MARSHFIELD TN		FOND DU LAC	NORTHEAST	NONE	12/7/1997	2/14/2002	2/14/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-179106	W C L - SOO LINE LAGOON	ERP	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	11/1/1992	10/22/2001	10/22/2001	
02-20-179217	AGRI-LAND COOP - BULK	ERP	DCOM	282 FOREST AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420102650	12/10/1997	10/18/2000	8/16/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-179528	KOCH REFINING CO	ERP	DNR	N4240 HWY 26	WAUPUN	53963	FOND DU LAC	NORTHEAST	420089890	1/8/1998	6/20/2000	6/19/2008	
02-20-182169	MERCURY MARINE PLT 15 - NORTH AST	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	2/19/1998	8/9/1999	8/9/1999	NORTH TANK FARM
02-20-183271	BRUNSWICK INC MERCURY MARINE DIV PLT#4	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	3/17/1998	7/1/1998	7/1/1998	
02-20-184076	MERCURY MARINE PLT #98	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	4/1/1998	7/1/1998	7/1/1998	FORMER CLEAN LINE ROOM
02-20-184372	VANDE ZANDE BULK FACILITY	ERP	DCOM	N2763 HWY 26	WAUPUN TN		FOND DU LAC	NORTHEAST	NONE	4/5/1998	1/22/2003	6/5/2003	
02-20-187597	MERCURY MARINE PLT 15 - SOUTH AST	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	5/19/1998	8/9/1999	8/9/1999	
02-20-191606	DAMROW DRUM STORAGE AREA	ERP	DNR	196 WESTERN AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420096490	7/9/1998		4/9/2009	
02-20-194726	CONDON TOTAL COMFORT	ERP	DNR	11 BLACKBURN ST	RIPON		FOND DU LAC	NORTHEAST	420121020	6/2/1998		3/25/2010	
02-20-195722	FLOOD OIL CO	ERP	DCOM	105 E MAIN	EDEN		FOND DU LAC	NORTHEAST	NONE	10/1/1998		5/15/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-196524	MANSKE PROPERTY	ERP	DNR	N5685 HWY 45	FOND DU LAC		FOND DU LAC	NORTHEAST	420119260	5/26/1992	6/1/2000	6/1/2000	
02-20-197760	MERCURY MARINE PLT 4 SOLVENT INVESTIGA	ERP	DNR	660 S HICKORY ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420044790	5/1/1992		1/19/2010	
02-20-202459	OAKFIELD PROPERTIES	ERP	DNR	201 MAIN ST	OAKFIELD	53065	FOND DU LAC	NORTHEAST	419012770	9/16/1998		4/20/2010	

02-20-215953	SAUER PROPERTY	ERP	DCOM	670 HAMBURG ST	RIPON		FOND DU LAC	NORTHEAST	NONE	2/26/1999	3/18/1999	3/18/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-218183	MERCURY MARINE PLT 15 SOLVENT INVESTIG	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	4/12/1999	4/11/2007	5/1/2007	
02-20-218976	OCONNOR BULK	ERP	DNR	265 FOREST AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420011460	2/26/1999		8/12/2009	
02-20-218990	WISCONSIN CENTRAL LTD	ERP	DCOM	253 LEWIS ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/26/1999	7/2/2002	3/4/2005	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-219118	SPRAYER SUPPLY INC/UTTENDATER ESTATE - OAKFI	ERP	DATCP	260 N MAIN ST	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	3/24/1999	8/6/2002	8/6/2002	*** TRANSFERRED TO DATCP - ACTIVITY NO LONGER UNDER DNR JURISDICTION. DATCP CASE ID: 99474032401 CONTACT DATCP PROJECT MANAGER AT (608)224-4515 FOR INFORMATION. ***
02-20-219224	FRENCH ADVERTISING SITE 2 - WI DOT	ERP	DNR	JOHNSON ST & SATTERLEE ST	FOND DU LAC	54835	FOND DU LAC	NORTHEAST	NONE	4/14/1999	10/31/2003	10/31/2003	
02-20-220700	UNION PACIFIC - FILL AREA (FORMER)	ERP	DNR	W6361 NORTHWESTERN AVE	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/11/1995	5/24/1999	5/24/1999	
02-20-220804	UNION PACIFIC-DIESEL (FORMER)	ERP	DCOM	W6361 NORTHWESTERN AVE	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/11/1995	9/30/2002	9/30/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-224045	MERCURY MARINE PLT 15 EXCAVATION-MAZAK	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	7/7/1999	11/12/2009	11/12/2009	
02-20-227663	HARVAT FILL SITE	ERP	DNR	WINNEBAGO DR	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/6/1999		7/6/2010	
02-20-229570	GUENTHER SUPPLY INC	ERP	DCOM	429 W 11TH ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/9/1999	4/28/2005	11/30/2005	
02-20-231085	EP RENTALS - SOLVENT INVESTIGATION	ERP	DNR	68 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	6/16/1995	3/24/2006	6/12/2006	
02-20-231419	ASHBURY FARM APTS/AVASTARR REALTY	ERP	DNR	370 SEYMOUR ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420137960	4/26/1999	6/2/1999	6/2/1999	ACTIVITY TYPE CHANGED ON 11-DEC-07. ORIGINAL ACTIVITY NO. WAS 07-20-231419
02-20-252466	UNION PACIFIC RR (FORMER) - LAGOON AREA	ERP	DNR	W6361 NORTHWESTERN AVE	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/11/1995	7/24/2001	7/24/2001	
02-20-254529	RODENKIRCH PROPERTY	ERP	DNR	21 E 2ND ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	3/14/2000	8/8/2006	9/5/2006	
02-20-255997	B C I BURKE CO INC	ERP	DNR	660 VAN DYNE RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420019820	7/7/1998	9/29/2000	9/29/2000	BARTI OUMAROU - WASTE PROGRAM CONTACT
02-20-256258	OLD IRONSIDES INC	ERP	DNR	W3415 HWY 67	ASHFORD TN		FOND DU LAC	NORTHEAST	NONE	7/11/2000	8/5/2004	11/12/2004	
02-20-258713	ALLIANCE LAUNDRY SYSTEMS LLC	ERP	DNR	SHEPARD & HALL ST	RIPON	54971	FOND DU LAC	NORTHEAST	420044570	6/9/2000	2/3/2005	6/14/2005	
02-20-259378	MERCURY MARINE - PLT # 17 DYE RELEASE	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	9/18/2000	4/11/2007	5/1/2007	
02-20-265419	LAMARTINE TN - LGU	ERP	DNR	W8225 CTH Y	LAMARTINE	53065	FOND DU LAC	NORTHEAST	420002550	2/12/2001		3/8/2006	STATE LEAD
02-20-273569	SISTERS OF ST AGNES DEVELOPMENT	ERP	DCOM	330 CTH K	FOND DU LAC		FOND DU LAC	NORTHEAST	420035550	5/30/2001	12/3/2001	12/3/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-275539	MENGLE OIL CO (FORMER)	ERP	DNR	N7533 S PEEBLES LN	PEEBLES		FOND DU LAC	NORTHEAST	NONE	7/19/2001		7/20/2009	
02-20-279704	MANIS PROPERTY - LGU	ERP	DNR	660 MORRIS ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/21/2000		1/14/2004	
02-20-280586	CONDON BULK PLT - FORMER	ERP	DCOM	119 WEST ST	FAIRWATER		FOND DU LAC	NORTHEAST	NONE	9/18/2001	6/1/2004	7/13/2004	
02-20-283701	OAKFIELD BULK PLT	ERP	DCOM	CTH D	OAKFIELD TN		FOND DU LAC	NORTHEAST	NONE	11/14/2001	4/26/2004	12/6/2004	
02-20-284663	CONDON KEYSTOP	ERP	DNR	230 SCOTT ST	RIPON		FOND DU LAC	NORTHEAST	NONE	12/6/2001		3/26/2010	
02-20-285839	MERCURY MARINE PLT 12 - STORM SEWER	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	12/12/2001	7/29/2008	9/4/2008	
02-20-297826	CANADIAN NATIONAL RAILWAY - STOREHOUSE	ERP	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	2/26/2002		3/25/2010	

02-20-305200	RIPON PICKLE	ERP	DCOM	433 SCOTT ST	RIPON		FOND DU LAC	NORTHEAST	NONE	3/28/2002	6/9/2003	11/28/2003	
02-20-315742	SERWE PROPERTY	ERP	DCOM	N1610 DRUMLIN DR	ASHFORD TN		FOND DU LAC	NORTHEAST	NONE	6/13/2002	10/9/2002	10/9/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-321594	A F K CORP	ERP	DNR	300 PACIFIC ST	RIPON	54971	FOND DU LAC	NORTHEAST	420039730	7/1/2002	9/13/2006	10/2/2006	
02-20-327193	CHARTER STEEL - SOLVENT	ERP	DNR	N5253 HICKORY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	3/1/2000	12/11/2003	12/11/2003	
02-20-327199	CHARTER STEEL - PETROLEUM	ERP	DNR	N5253 HICKORY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	3/1/2000	11/12/2003	11/12/2003	
02-20-338119	CHIQUITA PROCESSED FOODS	ERP	DNR	229 W WAUPUN ST	OAKFIELD	53065	FOND DU LAC	NORTHEAST	420130590	7/12/2002	9/30/2004	9/30/2004	
02-20-343581	KOCH PIPELINE CO	ERP	DNR	N4240 HWY 26	WAUPUN	53963	FOND DU LAC	NORTHEAST	420089890	7/25/2002		12/19/2008	
02-20-354380	MERCURY MARINE - SULLIVAN STORM SEWER	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	8/20/2002	5/5/2003	5/5/2003	STORMSEWER IS OFF SULLIVAN RD
02-20-354472	U S CHROME CORP	ERP	DNR	650 OAK PARK AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420010030	8/11/1994		1/22/2009	
02-20-354504	MERCURY MARINE - PLT 17A PCB	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	8/22/2002	12/5/2007	12/5/2007	
02-20-364228	COTTON ST PROPERTY	ERP	DNR	226 W COTTON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420096050	9/3/2002	12/18/2006	2/6/2007	
02-20-364233	VULCAN (FORMER)	ERP	DNR	566 N MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420006950	10/3/2002	5/4/2006	6/27/2006	
02-20-368530	ECI SPECIAL WASTE SERVICES INC	ERP	DNR	317 KOHLMAN RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	267100790	9/9/2002	8/12/2003	8/12/2003	*** TRANSFERRED TO SOLID WASTE PROGRAM - ACTIVITY NO LONGER MANAGED BY RR ***
02-20-396540	ZIELIEKE WELL DRILLING INC	ERP	DNR	N944 ELMORE DR	ASHFORD		FOND DU LAC	NORTHEAST	NONE	1/9/2003	10/3/2003	10/3/2003	
02-20-421759	CANADIAN NATIONAL - PHYTOREMEDIATION PROJECT	ERP	DNR	W6363 NORTHWESTERN AVE	NORTH FOND DU LAC	54937	FOND DU LAC	NORTHEAST	420132570	2/27/2003		5/20/2010	
02-20-426707	MERCURY MARINE - PLT 98 TCE	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	3/14/2003		1/11/2010	
02-20-427706	FOX VALLEY SAVINGS	ERP	DNR	51 E 1ST ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420026420	11/19/2002	3/27/2003	3/27/2003	
02-20-506204	ROBLEE AGRICHEMICAL RELEASE SITE	ERP	DATCP	N2534 HWY 175	LOMIRA	53006	FOND DU LAC	NORTHEAST	NONE	7/24/1996	10/8/2003	10/8/2003	*** TRANSFERRED TO DATCP - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-507324	VIXMER MFG CORP	ERP	DNR	W4770 FULTON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	9/17/2003	12/1/2003	12/1/2003	DISCOVERED DURING CONSTRUCTION - 9/16/2003
02-20-514423	MODEL CLEANERS	ERP	DNR	66 S MACY ST	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420045670	10/14/2003	7/6/2006	5/1/2007	
02-20-519428	ONYX SPECIAL SERVICES INC (FORMER)	ERP	DNR	100 W LARSEN DR	FOND DU LAC	54937	FOND DU LAC	NORTHEAST	420126960	1/5/2004	12/10/2004	3/2/2005	
02-20-529970	FOND DU LAC WASTEWATER TREATMENT PLT	ERP	DNR	700 DOTY ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420004860	8/6/2004	3/4/2009	3/11/2009	
02-20-530426	FOND DU LAC CNTY MEDICAL EXAMINERS OFFICE	ERP	DNR	134 WESTERN AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420138510	8/16/2004	1/12/2005	4/12/2005	
02-20-533418	WILD GOOSE TRAIL - OAKFIELD	ERP	DNR	WILD GOOSE TRAIL	OAKFIELD VL		FOND DU LAC	NORTHEAST	NONE	10/11/2004	11/6/2007	11/6/2007	
02-20-539302	CANADIAN NATIONAL YARD-OIL/WATER SEPARATOR	ERP	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	1/6/2005		2/25/2010	
02-20-540810	CANADIAN NATIONAL RAIL YRD-DIESEL FUEL SPILL	ERP	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	1/31/2005		3/25/2010	
02-20-543060	SADOFF IRON & METAL CO	ERP	DNR	240 W ARNDT ST	FOND DU LAC CTY	54935	FOND DU LAC	NORTHEAST	420040170	4/25/2005		1/12/2010	

02-20-543069	MCDONALDS RESTAURANT - PROPOSED	ERP	DNR	919-979 JOHNSON ST (STH 23)	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	7/19/1993	10/1/1993	10/1/1993	
02-20-543075	CITY LOT 18 - LGU	ERP	DNR	CNR OF MACY & W 1ST ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	5/5/2005	5/19/2005	10/24/2005	
02-20-543232	WIS CENTRAL RR-DIESEL SPILL TRACK 55	ERP	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	6/2/2005	8/25/2009	8/26/2009	
02-20-544483	PURINA MILLS INC - WI DOT	ERP	DNR	717 S HICKORY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/8/1996	3/12/1996	3/12/1996	
02-20-544494	CREATIVE FORMING INC - WI DOT	ERP	DNR	950 VERMONT ST	RIPON	54971	FOND DU LAC	NORTHEAST	NONE	4/21/1995	6/28/1995	6/28/1995	
02-20-544804	MERCURY MARINE PLT 15-WW TREATMENT LINE	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	9/24/1990	6/17/1998	6/17/1998	
02-20-544807	MERCURY MARINE - PLT 4S	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	4/15/1994	12/7/1995	12/7/1995	
02-20-545105	CANADIAN NATIONAL-ROUNDHOUSE LUBE OIL	ERP	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	3/7/2004		3/25/2010	
02-20-545162	MERCURY MARINE - PLT 4 EAST	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	3/14/2006		11/20/2009	
02-20-546625	GEORGETOWN CLEANERS	ERP	DNR	180 N MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420006620	4/12/2006		4/23/2010	
02-20-546648	MERCURY MARINE-PLT 98 NORTH - PETRO	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	1/26/2006	5/14/2007	6/4/2007	
02-20-547027	AGRI LAND COOP-RIPON	ERP	DATCP	W13134 CTH KK	METOMEN TN		FOND DU LAC	NORTHEAST	NONE	6/12/1990	1/26/1994	1/26/1994	*** TRANSFERRED TO DATCP - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-547037	MID-LAKES - ROSENDALE	ERP	DATCP	407 MAIN ST	ROSENDALE		FOND DU LAC	NORTHEAST	NONE	8/29/1988	6/2/2000	6/2/2000	*** TRANSFERRED TO DATCP - ACTIVITY NO LONGER UNDER DNR JURISDICTION. THIS ACTIVITY AUTO CREATED.DATCP CASE ID: 88411082901 CONTACT DATCP PROJECT MANAGER AT (608)224-4515 FOR INFORMATION. ***
02-20-547043	RIPON COOPERATIVE - RIPON	ERP	DATCP	417 SCOTT ST	RIPON	54971	FOND DU LAC	NORTHEAST	420004090	10/19/1998	10/26/2001	10/26/2001	*** TRANSFERRED TO DATCP - ACTIVITY NO LONGER UNDER DNR JURISDICTION. THIS ACTIVITY AUTO CREATED.DATCP CASE ID: 98411101902 CONTACT DATCP PROJECT MANAGER AT (608)224-4515 FOR INFORMATION. ***
02-20-547044	SPRAYER SUPPLY INC-OAKFIELD	ERP	DATCP	W8299 BREAKNECK RD	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	4/8/1993	3/16/1999	3/16/1999	*** TRANSFERRED TO DATCP - ACTIVITY NO LONGER UNDER DNR JURISDICTION. THIS ACTIVITY AUTO CREATED.DATCP CASE ID: 93411040801 CONTACT DATCP PROJECT MANAGER AT (608)224-4515 FOR INFORMATION. ***
02-20-547157	UNITED COOP (FRMRLY ELDORADO FARM CENTER)	ERP	DATCP	N7392 COUNTY ROAD C	ELDORADO	54932	FOND DU LAC	NORTHEAST	420141810	10/19/1989		12/2/2009	
02-20-547175	TERRA INDUSTRIES INC (FORMER)	ERP	DATCP	412 E FOND DU LAC ST	RIPON		FOND DU LAC	NORTHEAST	NONE	10/19/1998	1/7/2009	5/7/2009	
02-20-547331	AGRI-LAND CO-OP - RIPON	ERP	DATCP	W13134 CTH KK	METOMEN TN		FOND DU LAC	NORTHEAST	NONE	1/3/2001	5/25/2006	1/3/2007	*** TRANSFERRED TO DATCP - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-547886	HOLY FAMILY CHURCH PARKING LOT	ERP	DNR	26B W FOLLETT ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	8/18/2006		3/12/2010	
02-20-547887	HOLY FAMILY CHURCH	ERP	DNR	26A W FOLLETT ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	8/18/2006	11/28/2006	11/28/2006	
02-20-547939	FOND DU LAC CNTY AIRPORT	ERP	DNR	N6308 ROLLING MEADOWS DR	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	8/25/2006	11/20/2006	11/20/2006	
02-20-548126	WELLS MFG CORP - CVOC	ERP	DNR	26 S BROOKE ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420039840	10/5/2006		4/23/2010	
02-20-548127	WELLS MFG CORP - METALS	ERP	DNR	26 S BROOKE ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420039840	10/5/2006		4/23/2010	
02-20-548204	ANR-EDEN WAREHOUSE	ERP	DNR	W3925 PIPELINE LN	EDEN	53019	FOND DU LAC	NORTHEAST	420090000	10/19/2006	5/22/2008	5/22/2008	
02-20-548289	ATC COBBLESTONE SQUARE (FARRELL GROUP)	ERP	DNR	822 S MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	10/19/2006	1/25/2007	1/25/2007	
02-20-548604	QUIC FREZ-LOT 1 - LGU	ERP	DNR	105 OAK PLACE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	998314900	1/22/2007		1/22/2007	
02-20-548783	GAS N STUFF PROPERTY (FORMER)	ERP	DNR	187 N PIONEER RD	FOND DU LAC	54937	FOND DU LAC	NORTHEAST	NONE	10/16/2006	10/16/2006	3/8/2007	

02-20-548830	FOND DU LAC WTP - RESERVOIR & BOOSTER STA	ERP	DNR	40 W REES ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	3/19/2007		7/8/2010	
02-20-549419	SITEWIDE MW-1	ERP	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	5/31/2007		4/13/2010	WELL INSTALLED INITIALLY AS A SITEWIDE INVESTIGATION FOR BACKGROUND DETECTIONS IN 1998. ES EXCEEDANCES OF ARSENIC & TCE FOUND. ADD'L MONITORIN NOT PERFORMED UNTIL 2006 BUT ONLY FOR VOCS. FURTHER INVEST W/ADD'L MW & PIEZ NEEDED TO DETERMINE WHETHER THIS IS THE EDGE OF A PLUME.
02-20-549952	CANADIAN NATIONAL - PAH	ERP	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	6/18/2007		9/28/2009	
02-20-550415	WAUPUN FEED & SEED - BRANDON	ERP	DATCP	242 E MAIN ST	BRANDON		FOND DU LAC	NORTHEAST	NONE	10/31/2005	11/3/2006	11/3/2006	*** TRANSFERRED TO DATCP - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-550514	MCDERMOTT PARK BOOSTER STATION	ERP	DNR	464 E JOHNSON ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	11/7/2007	5/6/2008	5/6/2008	
02-20-550715	RUEPING LEATHER - LOT 2	ERP	DNR	93 DOTY ST (LOT 2)	FOND DU LAC CTY	54935	FOND DU LAC	NORTHEAST	420044900	3/14/1990		2/17/2009	
02-20-550928	PIONEER MOBIL MART	ERP	DNR	976 S MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420063050	2/6/2008		6/29/2010	
02-20-551063	KWIK TRIP #101 (FORMER)	ERP	DNR	235 W SCOTT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	420141260	3/11/2008		7/13/2010	
02-20-551382	ALTO DAIRY - SAPUTO	ERP	DNR	N3545 CTH EE	WAUPUN	53963	FOND DU LAC	NORTHEAST	420038960	4/1/2008		7/23/2010	
02-20-551632	AGRILAND COOP - MALONE	ERP	DATCP	N8798 CTH W	TAYCHEEDAH TN	54936	FOND DU LAC	NORTHEAST	320001550	1/9/2008	1/25/2010	3/24/2010	
02-20-551787	ALTO DAIRY - INTAKE SOUTH & NORTH	ERP	DNR	N3545 CTH EE	WAUPUN	53963	FOND DU LAC	NORTHEAST	420038960	2/4/2008	12/4/2008	12/4/2008	
02-20-551790	ALTO DAIRY - DRAIN/RECYCLE AREA	ERP	DNR	N3545 CTH EE	WAUPUN	53963	FOND DU LAC	NORTHEAST	420038960	2/4/2008	12/4/2008	12/4/2008	
02-20-551960	ZOCH AUTO SALES - LGU	ERP	DNR	N7590 & N7602 LAKE SHORE DR	NORTH FOND DU LAC VI		FOND DU LAC	NORTHEAST	NONE	6/16/2008		9/29/2008	
02-20-552107	BYRON SUBSTATION	ERP	DNR	N2794 STH 175	BYRON TN		FOND DU LAC	NORTHEAST	NONE	8/5/2008	3/24/2009	3/24/2009	
02-20-552125	SCHURE'S LAUNDRY & DRY CLEANING	ERP	DNR	454 E OSHKOSH	RIPON	54971	FOND DU LAC	NORTHEAST	420094180	8/8/2008		12/2/2009	
02-20-552126	WI CENTRAL RR-OIL WATER SEPARATOR	ERP	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	8/11/2008		3/25/2010	
02-20-552178	STERLING HOMES	ERP	DNR	225 W MCWILLIAMS ST	FOND DU LAC CTY	54935	FOND DU LAC	NORTHEAST	420101330	8/19/2008		1/12/2009	
02-20-553043	ALLIANCE LAUNDRY - TCE	ERP	DNR	SHEPARD & HALL ST	RIPON	54971	FOND DU LAC	NORTHEAST	420044570	12/3/2008		4/15/2010	
02-20-553397	FLINT HILLS RESOURCES - MW 33 AND 37	ERP	DNR	N4240 HWY 26	WAUPUN	53963	FOND DU LAC	NORTHEAST	420089890	3/19/2009		5/19/2009	
02-20-553399	DAMROW (TINNING/BOILER RM)	ERP	DNR	196 WESTERN AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420096490	1/28/2009		4/15/2010	
02-20-553432	ELECTRO PLATING	ERP	DNR	430 ARLINGTON AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420045890	3/30/2009		4/19/2010	
02-20-553542	AGRILAND COOP - FOND DU LAC	ERP	DATCP	457 W 11TH ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420106940	10/19/2005		1/31/2006	*** TRANSFERRED TO DATCP - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
02-20-553545	BAUER SPRAY SERVICE	ERP	DATCP	N3014 STH 175	BYRON	53009	FOND DU LAC	NORTHEAST	NONE	10/19/2007	5/7/2009	5/7/2009	
02-20-553795	PAUL GOEBEL TRUCKING	ERP	DNR	34 KOHLMAN RD	FOND DU LAC	54937	FOND DU LAC	NORTHEAST	420140490	7/8/2009		10/26/2009	
02-20-554524	FOND DU LAC WTP - EAST SIDE	ERP	DNR	40 W REES ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	3/19/2007		7/8/2010	
02-20-554881	TYNAN PROPERTY	ERP	DNR	W998 STH 23	FOREST TN	53057	FOND DU LAC	NORTHEAST	NONE	1/20/2010		2/24/2010	
02-20-555530	SADOFF IRON & METAL - DOUBLE SHEAR	ERP	DNR	240 W ARNDT ST	FOND DU LAC CTY	54935	FOND DU LAC	NORTHEAST	420040170	6/17/2010		7/7/2010	

03-20-000106	AGRILAND COOP	LUST	DNR	282 FOREST AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420102650	6/22/1989	6/19/2000	1/22/2001	
03-20-000107	LARSEN CO/CARD MOTOR	LUST	DNR	CTH E & STH 44	FAIRWATER		FOND DU LAC	NORTHEAST	420039510	5/18/1988	1/12/1990	1/12/1990	
03-20-000108	M P B INC	LUST	DNR	WASHINGTON ST	RIPON		FOND DU LAC	NORTHEAST	420096160	2/1/1989	5/1/1989	5/1/1989	
03-20-000109	OCONNER OIL CO	LUST	DNR	265 FOREST AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420011460	4/14/1989	8/20/2001	10/10/2001	
03-20-000110	Q-MART 213	LUST	DCOM	171 N MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092530	4/4/1988	9/26/2000	1/25/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-000243	BILLS SELF SERVICE	LUST	DNR	281 S MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420115960	6/13/1989	3/9/2000	1/21/2005	
03-20-000244	MERWIN OIL	LUST	DNR	659 S MILITARY RD	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420097150	5/15/1989	4/2/1996	4/2/1996	
03-20-000245	QUIK-MART	LUST	DNR	105 W MAIN ST	BRANDON		FOND DU LAC	NORTHEAST	NONE	8/25/1989	2/18/1992	2/18/1992	
03-20-000266	CONDON OIL CO	LUST	DNR	COLUMBIA PARK	CALUMET		FOND DU LAC	NORTHEAST	NONE	11/9/1989	12/3/1991	12/3/1991	
03-20-000267	MOBIL BULK STORAGE	LUST	DNR	428 E OSHKOSH ST	RIPON		FOND DU LAC	NORTHEAST	420100340	6/23/1989		11/24/2009	
03-20-000268	SILICA HARDWARE	LUST	DNR	N8580 CTH QQ	MALONE		FOND DU LAC	NORTHEAST	420075590	7/26/1989	6/8/2004	10/4/2004	
03-20-000270	PIT STOP PLUS	LUST	DNR	523 S MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/1/1989	10/11/1996	10/11/1996	
03-20-000271	FAIRWATER GARAGE	LUST	DNR	313 MAIN ST	FAIRWATER		FOND DU LAC	NORTHEAST	NONE	8/14/1989	2/27/1997	2/27/1997	
03-20-000272	SCHMITT BUILDINGS & MATERIAL CO	LUST	DNR	427 E FOND DU LAC ST	RIPON		FOND DU LAC	NORTHEAST	NONE	11/17/1989	6/8/1995	4/5/1996	
03-20-000303	BUTZ OIL CO	LUST	DNR	116 E RAILROAD ST	ST CLOUD		FOND DU LAC	NORTHEAST	NONE	10/16/1989		8/7/2007	
03-20-000310	FELDNER CHEVROLET INC	LUST	DNR	1201 MAIN ST	ST CLOUD	53079	FOND DU LAC	NORTHEAST	420086260	10/24/1989	8/31/1999	4/21/2009	
03-20-000311	FOND DU LAC CNTY HWY COMM	LUST	DNR	RAILROAD ST & MARTIN	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	11/10/1989		4/5/2010	
03-20-000333	FOND DU LAC MUNICIPAL GARAGE	LUST	DNR	530 DOTY ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420116070	12/7/1989	9/1/1999	1/22/2001	
03-20-000344	WI BELL - FOND DU LAC	LUST	DNR	24 N GOULD ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420027630	9/12/1989	5/20/2005	5/20/2005	
03-20-000357	O K GARAGE	LUST	DNR	N10835 STH 151	MALONE		FOND DU LAC	NORTHEAST	420097920	1/19/1990	9/28/1994	12/6/1994	
03-20-000367	GREEN GIANT CO	LUST	DNR	477 S DOUGLAS ST	RIPON	54971	FOND DU LAC	NORTHEAST	420089340	1/30/1990	12/1/1995	12/1/1995	
03-20-000368	RENS LAWN & GARDEN	LUST	DNR	650 W MAIN ST	WAUPUN		FOND DU LAC	SOUTH CENTRAL	NONE	12/7/1989	12/14/1990	12/14/1990	
03-20-000386	C & W TRANSPORT	LUST	DNR	465 S PIONEER RD	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420098250	10/4/1989	6/23/2000	5/7/2009	
03-20-000403	ABHOLDS GARAGE (STATE LEAD)	LUST	DNR	408 FOND DU LAC AVE	MOUNT CALVARY	53507	FOND DU LAC	NORTHEAST	420101990	4/5/1990		2/18/2010	
03-20-000404	INTERNATIONAL PAPERS	LUST	DNR	981 S HICKORY ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420045450	4/6/1990	12/6/1995	12/2/2008	
03-20-000409	WI DNR - CALUMET HARBOR FISH MGMT STATIO	LUST	DNR	N10337 CALUMET HARBOR RD	MALONE TN		FOND DU LAC	NORTHEAST	NONE	11/7/1990	10/2/1997	10/2/1997	
03-20-000426	ROMS SOUTH TOWNE GAS STATION	LUST	DNR	780 S MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420096600	6/22/1989	3/28/1996	3/28/1996	
03-20-000428	TACK OIL CO	LUST	DNR	533 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	420012230	4/24/1990	1/29/1997	1/29/1997	

03-20-000461	ST AGNES HOSPITAL	LUST	DNR	430 E DIVISION ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420045560	7/5/1988	8/6/1998	6/6/2008	
03-20-000470	BOBS REPAIR	LUST	DNR	257 S WAUPUN ST	BRANDON	53919	FOND DU LAC	NORTHEAST	420008380	5/23/1990	8/15/2002	10/21/2002	
03-20-000486	CONDON TOTAL COMFORT	LUST	DNR	11 BLACKBURN ST	RIPON		FOND DU LAC	NORTHEAST	420121020	7/2/1990	12/7/2000	3/14/2001	
03-20-000497	JOHNSON SCHOOL BUS	LUST	DNR	711 MORRIS ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420127070	7/17/1990	2/8/1999	2/8/1999	
03-20-000649	RENTIT SHOP	LUST	DNR	55 N MACY ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/7/1990	11/23/1998	6/4/2009	
03-20-000665	CLARENCES HARBOR	LUST	DNR	N7288 WINNEBAGO DR	FOND DU LAC		FOND DU LAC	NORTHEAST	420058650	12/13/1990	11/12/2003	6/22/2010	
03-20-000679	MURPHY OIL U S A	LUST	DNR	229 N MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420082850	8/3/1990	5/7/1998	5/7/1998	
03-20-000694	BLOEDELS INC	LUST	DCOM	503 E FOND DU LAC ST	RIPON	54971	FOND DU LAC	NORTHEAST	420109690	11/29/1990	7/25/2002	8/26/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-000695	MODERN POLE BUILDERS	LUST	DNR	654 E OSHKOSH ST	RIPON		FOND DU LAC	NORTHEAST	NONE	11/29/1990	8/30/1993	10/4/1993	
03-20-000696	NORTHWEST SUPPLY	LUST	DNR	1011 W SCOTT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/18/1991	3/30/1992	3/30/1992	
03-20-000698	WILBERT VAULT CO	LUST	DNR	670 MARTIN AVE	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/17/1991	9/26/1995	9/26/1995	
03-20-000711	LEE BEVERAGE	LUST	DNR	S MORRIS ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/4/1990	10/18/1999	10/18/1999	
03-20-000733	SMEDEMA PROPERTY	LUST	DNR	N1803 SAVAGE RD	BRANDON		FOND DU LAC	NORTHEAST	420118490	1/18/1991	5/27/1999	5/14/2002	
03-20-000735	RIPON TN WASTE COMPACTION STATION	LUST	DNR	N8191 DOUGLAS ST	RIPON		FOND DU LAC	NORTHEAST	NONE	9/13/1990	2/4/1991	2/4/1991	
03-20-000800	WILLIS EQUIPMENT	LUST	DNR	W9065 STH 23	ELDORADO		FOND DU LAC	NORTHEAST	420008930	5/7/1991	7/7/1993	7/7/1993	
03-20-000801	DAVES SKELLY	LUST	DCOM	N7635 STH 151	TAYCHEEDAH		FOND DU LAC	NORTHEAST	NONE	4/22/1991	11/17/2000	7/5/2005	
03-20-000802	QUALITY ENGINE	LUST	DNR	221 FOND DU LAC ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420108260	4/26/1991	7/6/2000	1/22/2001	
03-20-000804	EP RENTALS - FORMER ECONOPRINT	LUST	DNR	68 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/1/1991	12/30/1999	12/30/1999	
03-20-001051	RONS SELF SERVE	LUST	DCOM	324 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/10/1991	1/12/2004	3/4/2005	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-001053	MARTIN LUTHER CHURCH	LUST	DNR	185 14TH ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/15/1991	7/7/1993	7/7/1993	
03-20-001055	BIG ALS AMOCO	LUST	DNR	206 S MILITARY RD	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420009040	7/10/1991	5/9/2006	6/27/2006	
03-20-001080	PETERS OIL	LUST	DNR	FOND DU LAC & N WATERTOWN	WAUPUN		FOND DU LAC	SOUTH CENTRAL	420086150	6/18/1991	6/22/2009	7/20/2009	
03-20-001082	EAST SIDE MARKET	LUST	DNR	W13196 STH 23	RIPON		FOND DU LAC	NORTHEAST	NONE	7/30/1991	3/2/2001	3/2/2001	
03-20-001093	CON-WAY CENTRAL EXPRESS	LUST	DNR	736 MORRIS ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	320001440	8/7/1991	3/1/1993	9/21/1993	
03-20-001117	SHORELINE MARINE	LUST	DNR	N7044 WINNEBAGO DR	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/14/1991	11/10/1993	7/13/1994	
03-20-001119	BAIRDS INC	LUST	DNR	HWY 23 W	RIPON	54971	FOND DU LAC	NORTHEAST	420092750	8/14/1991	1/12/1993	1/12/1993	
03-20-001120	WI DOT-STATE PATROL-EDEN TOWER	LUST	DNR	MAPLE RD & CTH UU	EDEN		FOND DU LAC	NORTHEAST	NONE	8/27/1991	4/8/1992	4/8/1992	
03-20-001123	JIM & DALES SUPER VALUE	LUST	DNR	160 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/29/1991	2/25/1993	2/25/1993	

03-20-001124	FOND DU LAC CTY	LUST	DNR	371 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/29/1991	11/23/1992	11/23/1992	
03-20-001125	DREWS OIL	LUST	DNR	300 BLACKBURN ST	RIPON		FOND DU LAC	NORTHEAST	NONE	9/5/1991	11/10/2005	2/27/2006	
03-20-001139	BADGER LIQUOR	LUST	DNR	850 MORRIS ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/25/1991	3/1/1993	3/1/1993	
03-20-001140	WINDSHIELD DOCTOR	LUST	DNR	338 S MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/25/1991	5/2/1995	5/2/1995	
03-20-001144	RUEPING LEATHER	LUST	DNR	80 W REES ST (LOTS 3 & 5)	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/19/1991	12/17/2002	8/6/2004	PREVIOUSLY LISTED AT 93 DOTY ST CHANGED 7/2010 PER COUNTY RECORDS PER R SANCHEZ
03-20-001158	ST AGNES HOSPITAL	LUST	DNR	425 E DIVISION ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	11/29/1990	8/31/1994	8/31/1994	
03-20-001169	WASTE MANAGEMENT	LUST	DNR	281 W DIVISION	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420103200	9/30/1991	10/5/1993	10/5/1993	
03-20-001170	CITGO STATION	LUST	DNR	405 VAN DYNE RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	3/1/1991	9/15/1991	9/15/1991	
03-20-001172	MCCULLOUGH PROPERTY	LUST	DNR	W3631 STH 149	MALONE		FOND DU LAC	NORTHEAST	NONE	10/18/1991	9/30/1992	10/2/1992	
03-20-001190	U S POST OFFICE	LUST	DCOM	99 W 2ND ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420103860	10/16/1991	10/9/1996	10/9/1996	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-001200	FIRST & PORTLAND CORP	LUST	DNR	727-739 MILITARY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/4/1991	11/11/1996	11/11/1996	
03-20-001203	HOLIDAY FOOD & SPORT	LUST	DNR	101 EUREKA ST	RIPON	54971	FOND DU LAC	NORTHEAST	420110570	11/1/1991	5/27/2009	6/4/2009	
03-20-001228	CITGO MINISERVE	LUST	DNR	401 W JOHNSON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420116730	11/8/1991	12/19/1997	8/5/2008	
03-20-001237	ZUNKER CONTRACTORS INC	LUST	DNR	N5756 HWY 151 S	FOND DU LAC TN	54937	FOND DU LAC	NORTHEAST	998013940	11/27/1991	2/5/1993	2/5/1993	
03-20-001247	SHEFOND OIL CO	LUST	DNR	N3038 STH 45	WAUCOUSTA		FOND DU LAC	NORTHEAST	NONE	12/10/1991	11/30/2001	4/3/2003	
03-20-001264	HOLIDAY STATION	LUST	DCOM	441 W JOHNSON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420080430	11/5/1991	8/9/2005	9/15/2005	
03-20-001274	WILKES EXCAVATING	LUST	DCOM	525 ASPEN ST	RIPON	54971	FOND DU LAC	NORTHEAST	998026040	12/17/1991	4/11/1997	4/11/1997	
03-20-001293	WAUPUN AUTO SALES	LUST	DNR	425 FOND DU LAC ST	WAUPUN	53963	FOND DU LAC	NORTHEAST	420089780	1/17/1992	9/1/2000	6/7/2001	
03-20-001294	RIPON CTY	LUST	DNR	554 ASPEN ST	RIPON	54971	FOND DU LAC	NORTHEAST	420013770	1/9/1992	6/24/1993	6/24/1993	
03-20-001295	DONS RADIATOR	LUST	DCOM	117 FOREST AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420113100	1/15/1992	10/16/2003	3/3/2005	
03-20-001296	WHEALON TOWING	LUST	DCOM	271 W JOHNSON ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/11/1992	8/23/2000	9/28/2001	
03-20-001330	PETRIE PROPERTY	LUST	DNR	365 FOND DU LAC AVE	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/29/1992	2/25/1993	5/26/1993	
03-20-001336	FRIDAY CANNING CO - TANK #1	LUST	DCOM	108 MAIN ST	EDEN	53019	FOND DU LAC	NORTHEAST	420070090	2/10/1992	4/18/2000	4/18/2000	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-001389	BADGER FREUND PRINTING	LUST	DNR	145 W DIVISION ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/17/1992	3/28/1996	3/28/1996	
03-20-001425	TOLIBIA CHEESE	LUST	DNR	45 E SCOTT ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420045120	4/13/1992	5/4/1993	5/4/1993	
03-20-001428	ENGLEHARDT PROPERTY	LUST	DNR	242 FOND DU LAC ST	WAUPUN		FOND DU LAC	SOUTH CENTRAL	NONE	3/4/1992		5/28/2009	
03-20-001457	WEST PARK MARINE	LUST	DNR	570 WATER ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	4/27/1992	1/3/1994	1/12/1994	
03-20-001466	LACONIA HIGH SCHOOL	LUST	DCOM	301 W DIVISION	ROSENDALE		FOND DU LAC	NORTHEAST	420064590	4/20/1992	6/29/2001	1/25/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***

03-20-001467	WEL-KUM INN	LUST	DNR	HWY 151 N RT 2	WAUPUN	53963	FOND DU LAC	NORTHEAST	420086040	5/5/1992	5/12/1995	5/12/1995	
03-20-001482	GIDDINGS & LEWIS	LUST	DNR	142 DOTY ST	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420045780	6/4/1992	2/5/1993	2/5/1993	
03-20-001485	MERCURY MARINE SITE #2	LUST	DNR	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	5/27/1992	7/1/1998	7/1/1998	
03-20-001517	NORTH FOND DU LAC VIL	LUST	DNR	16 GARFIELD ST	NORTH FOND DU LAC	54937	FOND DU LAC	NORTHEAST	420018830	7/15/1992	3/1/1993	3/1/1993	
03-20-001519	ZAHN TRADING POST	LUST	DNR	W476 CTH SS	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	6/29/1992	9/26/1995	9/26/1995	
03-20-001521	CAMPBELLSPORT VIL GARAGE	LUST	DNR	102 RAILROAD ST	CAMPBELLSPORT	53010	FOND DU LAC	NORTHEAST	420108150	4/20/1992	7/2/1992	7/2/1992	
03-20-001525	RIPON COLLEGE MAINTENANCE	LUST	DNR	300 SEWARD ST	RIPON	54971	FOND DU LAC	NORTHEAST	420101440	7/8/1992	2/14/2001	2/14/2001	
03-20-001540	RIPON CTY	LUST	DNR	836 STATE ST	RIPON		FOND DU LAC	NORTHEAST	NONE	5/8/1992	6/24/1993	6/24/1993	
03-20-001558	STOCK LUMBER CO	LUST	DNR	154 W MCWILLIAMS ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/20/1992	3/6/1995	3/6/1995	
03-20-001559	CHURCH OF PEACE	LUST	DNR	158 S MILITARY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/17/1992	2/14/1994	2/14/1994	
03-20-001560	MERCURY MARINE PLT 12 UST	LUST	DCOM	W6250 PIONEER RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420040720	6/2/1992	9/18/2007	9/20/2007	
03-20-001561	WAUPUN DEPT OF PUBLIC WORKS	LUST	DNR	903 N MADISON ST	WAUPUN	53963	FOND DU LAC	SOUTH CENTRAL	420014100	8/19/1992	12/6/1999	9/19/2001	
03-20-001562	WAUPUN PUBLIC UTILITIES	LUST	DNR	222 N FOREST ST	WAUPUN		FOND DU LAC	NORTHEAST	NONE	8/19/1992	8/20/1996	8/20/1996	
03-20-001563	JOHNSON ST CONNECTION	LUST	DNR	527 W JOHNSON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420120360	7/22/1992	5/23/2007	5/23/2007	
03-20-001564	PARKSIDE MOTORS	LUST	DNR	446 N MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420111010	7/23/1992	7/6/2000	1/24/2001	
03-20-001589	U S PETROLEUM	LUST	DNR	N8136 STH 41	VAN DYNE		FOND DU LAC	NORTHEAST	NONE	6/4/1992	9/16/1999	9/16/1999	
03-20-001595	EMRO MARKETING CO	LUST	DNR	468 W JOHNSON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420098030	9/3/1992	3/1/1993	3/1/1993	
03-20-001622	FOND DU LAC CTY PARKING LOT	LUST	DNR	71 N MAIN	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/27/1992	8/25/1998	6/5/2008	
03-20-001623	MARSHVIEW CWIK MART	LUST	DNR	612 E MAIN ST	WAUPUN		FOND DU LAC	SOUTH CENTRAL	NONE	10/6/1992	6/19/2002	2/24/2003	
03-20-001625	SCHMITZ PROPERTY	LUST	DNR	N5365 STH 41	FOND DU LAC		FOND DU LAC	NORTHEAST	420100890	5/29/1992	10/7/1994	10/7/1994	
03-20-001626	CITGO SERVICE STATION	LUST	DNR	1105 W FOND DU LAC ST	RIPON		FOND DU LAC	NORTHEAST	NONE	9/23/1992	3/26/2008	5/28/2008	
03-20-001643	AMOCO #15650	LUST	DNR	414 W JOHNSON ST	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420121460	9/30/1992	2/25/2000	3/14/2001	
03-20-001674	A TO Z VENDING	LUST	DNR	83 HARBOR VIEW DR	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	11/5/1992	6/7/1994	6/7/1994	
03-20-001696	NAFCO	LUST	DNR	206 W MCWILLIAMS ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420117940	10/2/1992	10/23/1992	10/23/1992	
03-20-001724	RIPON MEMORIAL HOSPITAL	LUST	DNR	933 NEWBURY ST	RIPON	54971	FOND DU LAC	NORTHEAST	420107710	11/19/1992	2/24/1993	2/24/1993	
03-20-001725	MOBIL MART	LUST	DNR	919 E JOHNSON	FOND DU LAC		FOND DU LAC	NORTHEAST	420077350	11/17/1992	8/28/2000	1/23/2001	
03-20-001753	RIPON ANIMAL CLINIC	LUST	DCOM	618 E OSHKOSH ST	RIPON		FOND DU LAC	NORTHEAST	NONE	1/12/1993	10/7/1997	10/7/1997	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-001771	HANSEN PROPERTY - WI DOT	LUST	DNR	N5772 CTH W	FOREST TN		FOND DU LAC	NORTHEAST	NONE	12/17/1992	8/27/2008	10/1/2008	

03-20-001774	PHILLIPS STATION	LUST	DNR	N5789 STH 151 S	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	12/17/1992	12/5/2001	4/30/2009	
03-20-001794	ECONOPRINT SOUTH	LUST	DNR	439 S MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/22/1993	2/1/1993	2/1/1993	
03-20-001795	KETTLE MORAINE STATE FOREST	LUST	DNR	FIRE NO 1729 HWY G	CAMPBELLSPORT	53010	FOND DU LAC	NORTHEAST	420088350	1/4/1993	1/25/1993	1/25/1993	
03-20-001798	CARTER PROPERTY	LUST	DNR	604 LINCOLN ST	RIPON		FOND DU LAC	NORTHEAST	NONE	12/10/1992	3/8/1994	4/5/1994	
03-20-001801	GREENFIELD PROPERTY - WI DOT	LUST	DNR	N2828 W ROCK RIVER RD	ALTO TN		FOND DU LAC	NORTHEAST	420115520	3/9/1993		7/18/2007	
03-20-001812	AMOCO #15844	LUST	DNR	STH 41/151	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/28/1993	7/2/1996	7/2/1996	
03-20-001813	GIDDINGS & LEWIS	LUST	DNR	N7916 STH 151	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/25/1993	3/2/1995	3/2/1995	
03-20-001819	D J LAND CO	LUST	DNR	W4372 CTH H	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	3/5/1993	4/17/1996	4/17/1996	
03-20-001835	ROBERTS HOMES	LUST	DNR	255 S MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	4/21/1993	9/16/1996	6/25/2008	
03-20-001848	EDMUNDS BUS SERVICE	LUST	DNR	249 S MAIN ST	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	4/23/1993	2/1/1995	2/1/1995	
03-20-001854	SCHANILEC PROPERTY	LUST	DNR	W11227 ROSE-ELD RD	ROSENDALE		FOND DU LAC	NORTHEAST	420115300	4/29/1993	4/22/1999	4/22/1999	
03-20-001861	JET STREAM CAR WASH	LUST	DNR	60 E SCOTT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	420080870	3/17/1993	3/1/1995	3/1/1995	
03-20-001862	ARMY NATIONAL GUARD	LUST	DNR	796 SULLIVAN DR	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420111120	4/14/1993	10/2/2001	10/2/2001	
03-20-001863	MERWIN OIL CO	LUST	DNR	744 S MILITARY RD	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420011680	3/16/1993	3/17/2000	1/23/2001	
03-20-001864	OETJEN PROPERTY	LUST	DCOM	N8215 BILLENE DR	MALONE		FOND DU LAC	NORTHEAST	NONE	4/27/1993	4/23/1997	4/23/1997	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-001865	STRETCH TRUCK STOP	LUST	DNR	565 E FRONTAGE RD	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420116620	4/19/1993	6/7/1995	6/7/1995	
03-20-001876	HAMBERGER ESTATE PROPERTY	LUST	DNR	234 W JOHNSON ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/21/1993	2/14/1994	2/14/1994	
03-20-001892	MAUTHE PROPERTY	LUST	DNR	1029 ASBURY CT	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/12/1993	6/8/1993	6/8/1993	
03-20-001894	MANOWSKE WELDING INC - 2500 GAL GAS	LUST	DNR	200 N MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420024110	5/5/1993	5/5/1999	5/5/1999	
03-20-001895	ST CLOUD VIL GARAGE	LUST	DNR	1212 THORP ST	ST CLOUD		FOND DU LAC	NORTHEAST	420047760	5/7/1993	9/13/1996	9/13/1996	
03-20-001918	BACKHAUS PROPERTY	LUST	DCOM	W4343 STH 67	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	7/2/1993	11/8/2002	2/19/2003	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-001920	STELLMACHER PROPERTY	LUST	DNR	116 CEDAR ST	RIPON		FOND DU LAC	NORTHEAST	NONE	6/28/1993	10/11/1993	10/11/1993	
03-20-001921	FOND DU LAC CTY	LUST	DNR	116-118 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	6/28/1993	1/7/1997	1/7/1997	
03-20-001927	A TO Z HYDRAULIC INC	LUST	DNR	W8236 LINCOLN AVE	LAMARTINE		FOND DU LAC	NORTHEAST	NONE	7/8/1993	6/27/2002	9/4/2002	
03-20-001932	ROBERTS TRUCKING INC	LUST	DNR	N9250 HWY 26	ELDORADO	54932	FOND DU LAC	NORTHEAST	420116400	5/25/1993	5/8/1998	5/8/1998	
03-20-001935	BISHOPS CAR WASH	LUST	DCOM	732 W MAIN	WAUPUN	53963	FOND DU LAC	SOUTH CENTRAL	114087820	4/29/1993	5/1/2008	10/21/2008	
03-20-001963	MR MARINE	LUST	DNR	532 WATER ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/14/1993	4/25/2000	3/20/2001	
03-20-001964	OAKFIELD VIL GARAGE	LUST	DNR	341 MAIN ST	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	7/19/1993	7/7/1995	7/7/1995	

03-20-001968	FIRSTAR BANK	LUST	DNR	51 S MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/5/1993	8/20/1996	8/20/1996	
03-20-001973	CAMPBELLSPORT SCHOOLS	LUST	DNR	114 W SHEBOYGAN ST	CAMPBELLSPORT	53010	FOND DU LAC	NORTHEAST	420091760	8/11/1993	3/15/1995	3/15/1995	
03-20-001988	FLOOD PROPERTY	LUST	DNR	258 SHEBOYGAN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/14/1993	7/5/1994	7/5/1994	
03-20-001992	U W FOND DU LAC MAINTENANCE	LUST	DCOM	CAMPUS DR	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420088680	9/2/1993	1/15/1998	1/15/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002003	PHILLIPS 66	LUST	DNR	473 FOND DU LAC AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420081200	8/18/1993	7/15/1996	7/15/1996	
03-20-002023	AGRIBANK PROPERTY	LUST	DNR	N8747 CTH QQ	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/16/1993	1/2/2001	7/31/2009	
03-20-002024	MANIS PROPERTY	LUST	DNR	660 MORRIS ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/22/1993	3/11/1994	3/11/1994	
03-20-002031	NAVIS PROPERTY	LUST	DNR	N3269 STH 494	WAUPUN		FOND DU LAC	NORTHEAST	NONE	9/24/1993	3/1/1995	3/1/1995	
03-20-002033	J & M TOWING	LUST	DNR	233 WINNEBAGO DR	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420116840	10/1/1993	6/25/1998	6/25/1998	
03-20-002045	FAIRWATER FEED	LUST	DNR	107 W FAIRWATER ST	FAIRWATER		FOND DU LAC	NORTHEAST	NONE	9/30/1993	10/31/1995	10/31/1995	
03-20-002068	SUPERAMERICA #4313	LUST	DCOM	550 W JOHNSON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420111340	11/2/1993	6/6/2003	1/14/2004	
03-20-002099	MARSHLANDS BAR	LUST	DNR	W8351 CTH N	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/28/1993	5/3/1994	5/3/1994	
03-20-002100	FOND DU LAC CNTY JAIL	LUST	DNR	160 S MACY ST	FOND DU LAC	54836	FOND DU LAC	NORTHEAST	420121350	10/22/1993	3/6/1997	3/6/1997	
03-20-002101	KAMPHUIS PROPERTY	LUST	DNR	CTH TC	METOMEN		FOND DU LAC	NORTHEAST	NONE	11/1/1993	1/3/1995	1/3/1995	
03-20-002102	KWIK TRIP #606	LUST	DNR	471 N PARK AVE	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	12/2/1993	6/1/2000	6/18/2001	
03-20-002112	BOUDRY ELECTRIC	LUST	DNR	380 W ARNDT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	12/2/1993	12/7/1994	12/7/1994	
03-20-002131	ABELS OPTICAL SERVICE	LUST	DNR	98 W SCOTT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	12/8/1993	11/30/1995	1/22/1996	
03-20-002142	TAYCHEEDAH CORRECTIONAL INSTITUTION	LUST	DCOM	751 CTH K	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420044680	1/13/1994	11/21/1996	11/21/1996	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002147	MERWIN OIL CO	LUST	DCOM	311 W ROLLING MEADOWS DR	FOND DU LAC	54937	FOND DU LAC	NORTHEAST	420104190	12/29/1993	6/28/2004	6/28/2004	
03-20-002148	PUMP N PANTRY	LUST	DNR	N7425 WINNEBAGO DR	FOND DU LAC		FOND DU LAC	NORTHEAST	420095830	12/30/1993	8/24/1998	8/24/1998	
03-20-002152	FOND DU LAC CNTY HWY COMM	LUST	DCOM	301 DIXIE ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420020260	12/22/1993	2/20/2007	3/1/2007	
03-20-002172	WENDTS MARINE	LUST	DNR	N9691 LAKESHORE DR	VAN DYNE		FOND DU LAC	NORTHEAST	NONE	12/22/1993	3/16/1999	3/14/2001	
03-20-002176	ANDERSON PROPERTY	LUST	DNR	W7407 STH 151	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	1/20/1994	4/18/1994	4/18/1994	
03-20-002177	KUIPER PROPERTY	LUST	DCOM	W11023 FRONTAGE RD	WAUPUN TN	53963	FOND DU LAC	NORTHEAST	998297960	1/20/1994	3/12/2002	5/21/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002178	FONDY FUEL MART	LUST	DCOM	1305 S MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420118820	2/11/1994	4/28/2003	11/20/2003	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002182	BANNER FEED & EQUIPMENT	LUST	DNR	W993 STH 23	FOREST		FOND DU LAC	NORTHEAST	NONE	3/4/1994	4/29/2002	7/12/2002	
03-20-002183	TWOHIGS FLOOR COVERING INC	LUST	DNR	600 FOND DU LAC AVE	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/24/1994	10/10/1994	10/10/1994	
03-20-002184	IMMANUEL UNITED METHODIST CHURCH	LUST	DNR	401 W FOND DU LAC	RIPON		FOND DU LAC	NORTHEAST	NONE	2/25/1994	12/6/1994	12/6/1994	

03-20-002186	SOETER PROPERTY	LUST	DNR	772 STERLING DR	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	3/11/1994	11/21/1994	11/21/1994	
03-20-002204	FERRIS PROPERTY	LUST	DNR	105 SHEBOYGAN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	4/15/1994	9/11/1994	4/10/1995	
03-20-002226	LANINGS SERVICE STATION	LUST	DNR	505 S MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420081090	5/4/1994	10/14/1996	10/14/1996	
03-20-002230	FRANK MOTOR SALES	LUST	DNR	145 NORTH MAIN STREET	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420102870	3/10/1994	9/19/1996	9/19/1996	
03-20-002232	BRANDON STORE	LUST	DNR	102 WOODWARD ST	BRANDON		FOND DU LAC	NORTHEAST	NONE	5/12/1994	12/9/1999	12/9/1999	
03-20-002241	HANSEN REFRIGERATION SERVICE	LUST	DNR	730 S MILITARY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/4/1994	3/1/1995	3/2/1995	
03-20-002248	BADGER PALLET PROPERTY	LUST	DNR	3OO N MILL ST	WAUPUN		FOND DU LAC	SOUTH CENTRAL	420009700	5/18/1994	11/8/2006	2/23/2007	
03-20-002249	EILERTSON INC	LUST	DNR	820 MORRIS ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/10/1994	1/30/1995	1/30/1995	
03-20-002264	ELDORADO FEED & SUPPLY	LUST	DNR	N7411 CTH C	ELDORADO		FOND DU LAC	NORTHEAST	NONE	6/13/1994	12/9/1996	12/9/1996	
03-20-002267	L B LEASING INC	LUST	DNR	503 E FOND DU LAC	RIPON		FOND DU LAC	NORTHEAST	NONE	4/13/1994	2/6/1996	2/6/1996	
03-20-002272	STAR CABLEVISION	LUST	DNR	243-261 WINNEBAGO DR	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	6/17/1994	12/12/1997	12/12/1997	
03-20-002273	CASPER FARM PROPERTY	LUST	DNR	N10447 STH 149	CALUMET TN		FOND DU LAC	NORTHEAST	NONE	6/3/1994	9/10/1998	9/10/1998	
03-20-002286	BATTERY MART	LUST	DNR	602 MINNESOTA AVE	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	4/19/1994	9/28/1999	3/14/2001	
03-20-002300	RIPON MIDDLE SCHOOL	LUST	DNR	651 METOMEN ST	RIPON	54971	FOND DU LAC	NORTHEAST	420112330	4/13/1994	12/10/1998	12/10/1998	
03-20-002302	SHOEMAKER ESTATE PROPERTY	LUST	DNR	N3235 STH 67	DUNDEE		FOND DU LAC	NORTHEAST	NONE	4/28/1994	4/12/1995	4/12/1995	
03-20-002307	NAZARETH HEIGHTS HOME	LUST	DCOM	1755 E JOHNSON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420119040	6/1/1994	11/4/1996	11/4/1996	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002308	SMITH PROPERTY	LUST	DCOM	N8579 ARCADE GLEN RD	RIPON		FOND DU LAC	NORTHEAST	NONE	6/24/1994	8/14/1996	8/14/1996	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002310	SADOFF IRON & METAL CO	LUST	DNR	240 W ARNDT ST	FOND DU LAC CTY	54935	FOND DU LAC	NORTHEAST	420040170	6/21/1994	9/18/1997	10/28/1998	
03-20-002317	P D Q FOOD MART	LUST	DNR	400 VAN DYNE RD	NORTH FOND DU LAC	54952	FOND DU LAC	NORTHEAST	420134660	4/19/1994	7/7/1994	7/7/1994	
03-20-002322	WEHRENBERG PROPERTY	LUST	DNR	164 HAMILTON PL	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	6/30/1994	7/18/1995	7/18/1995	
03-20-002323	VILLA LORETTA NURSING HOME	LUST	DCOM	N8114 CALVARY RD	MOUNT CALVARY		FOND DU LAC	NORTHEAST	420047320	7/11/1994	7/2/1996	7/16/1996	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002357	STEFFEN PROPERTY	LUST	DNR	165 BISCHOFF ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/23/1994	4/10/1995	4/10/1995	
03-20-002389	KING BROTHERS INC	LUST	DNR	W3150 CTH H	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/1/1994	8/2/1999	1/23/2001	
03-20-002394	LAKESHORE MART #1	LUST	DNR	W6157 SUBWAY RD USH 45	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420120470	7/6/1994	11/17/2003	11/29/2004	
03-20-002404	MERWIN OIL CO	LUST	DNR	331 W JOHNSON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420121570	10/11/1994	5/20/1999	5/20/1999	
03-20-002412	NATIONAL FORENSIC LEAGUE	LUST	DNR	104 W JACKSON ST	RIPON		FOND DU LAC	NORTHEAST	NONE	9/14/1994	3/17/1996	3/17/1996	
03-20-002424	RIPON AMOCO	LUST	DNR	204 E FOND DU LAC ST	RIPON	54971	FOND DU LAC	NORTHEAST	420011350	8/18/1994		3/11/2010	
03-20-002426	SAINT ANNES GUEST HOUSE	LUST	DNR	N8138 CALVARY RD	MOUNT CALVARY		FOND DU LAC	NORTHEAST	NONE	10/6/1994	2/7/1996	2/7/1996	

03-20-002429	SCHIEKS AUTOBODY & CAMPING CENTER	LUST	DCOM	406 E MAIN ST	EDEN	53019	FOND DU LAC	NORTHEAST	420059640	8/29/1994	6/11/1998	6/11/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002431	SHEFOND OIL	LUST	DNR	215 RAILROAD ST	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	10/17/1994		3/23/2010	
03-20-002438	TIMBLIN TRANSIT	LUST	DCOM	2266 CTH B	EDEN		FOND DU LAC	NORTHEAST	NONE	9/13/1994		9/8/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002444	UTTENDORFER ESTATE PROPERTY	LUST	DNR	260 N MAIN ST	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	9/17/1994	1/26/2000	9/1/2009	
03-20-002452	MUELLER PROPERTY	LUST	DNR	639 JOHNSON ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/5/1994	10/6/1994	10/6/1994	
03-20-002481	HAAK PROPERTY	LUST	DNR	W4059 E FOURTH ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	11/10/1994	6/7/1995	6/7/1995	
03-20-002486	HULL PROPERTY	LUST	DNR	46 E DIVISION ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	12/7/1994	5/19/1995	6/23/1995	
03-20-002487	JACOBSON FARM SUPPLY	LUST	DNR	N3280 OAK CENTER RD	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	11/16/1994	2/16/1998	2/16/1998	
03-20-002517	RIPON COOP	LUST	DNR	641 E OSHKOSH ST	RIPON		FOND DU LAC	NORTHEAST	NONE	12/29/1994	1/8/1996	1/8/1996	
03-20-002518	GREEN GIANT - PILLSBURY CO	LUST	DNR	477 S DOUGLAS ST	RIPON	54971	FOND DU LAC	NORTHEAST	420089340	12/29/1994	12/5/1995	12/5/1995	
03-20-002519	C FRANKS AMOCO	LUST	DCOM	173 N PARK AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420083400	12/8/1994	2/27/2004	4/15/2004	
03-20-002520	EDEN STONE CO INC	LUST	DNR	729 LIME RD	EDEN		FOND DU LAC	NORTHEAST	NONE	12/28/1994	11/20/1995	11/20/1995	
03-20-002523	COLE OIL CO INC	LUST	DNR	550 VAN DYNE RD	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	12/13/1994	6/8/1999	3/14/2001	
03-20-002585	FLEET FARM	LUST	DCOM	629 ROGERSVILLE RD	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420135210	4/4/1995	3/21/2003	11/20/2003	
03-20-002589	FULBRIGHT PROPERTY	LUST	DNR	15 S PARK ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	4/12/1995	7/5/1995	7/5/1995	
03-20-002591	BAUMHARDT TRUCKING	LUST	DNR	W3998 STH 45	EDEN		FOND DU LAC	NORTHEAST	NONE	4/7/1995	7/15/1999	3/14/2001	
03-20-002594	SALES PROPERTY	LUST	DNR	N7699 SALES RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	3/23/1995	7/15/1998	7/15/1998	
03-20-002615	VILLAGE MART	LUST	DNR	108 ELM ST	FAIRWATER	53931	FOND DU LAC	NORTHEAST	420110900	5/11/1995	10/7/1999	10/22/2009	
03-20-002636	ACTION RENT A CAR	LUST	DNR	411 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	6/22/1995	12/22/1998	12/22/1998	
03-20-002637	ELKS CLUB	LUST	DCOM	33 SHEBOYGAN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	6/29/1995	12/16/1996	12/16/1996	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002652	WISCONSIN CENTRAL LTD	LUST	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	8/11/1989	2/21/1996	2/21/1996	
03-20-002655	HOMAN AUTO SALES	LUST	DCOM	700 W MAIN	WAUPUN	53963	FOND DU LAC	NORTHEAST	420093190	7/24/1995	1/8/1999	1/8/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002658	WEBER PROPERTY	LUST	DCOM	402 N MAIN ST	ROSENDALE		FOND DU LAC	NORTHEAST	NONE	4/7/1995	1/27/1998	1/27/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002659	DOUCAS PROPERTY	LUST	DCOM	677 NORTHWEST WAY	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420105400	8/2/1995	1/9/1998	1/9/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002661	ALTO DAIRY	LUST	DNR	N3545 CTH EE	WAUPUN	53963	FOND DU LAC	NORTHEAST	420038960	7/31/1995	8/5/1996	8/5/1996	
03-20-002664	METAL-LINK	LUST	DNR	322 N MILITARY RD	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420103970	5/25/1995	3/30/1998	3/30/1998	
03-20-002723	HUTTER PROPERTY	LUST	DNR	260 E DIVISION ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/2/1995	10/3/1995	10/3/1995	
03-20-002724	JACAK PROPERTY	LUST	DNR	277 W MAIN ST	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	8/30/1995	1/2/1998	1/2/1998	

03-20-002725	RADTKE PROPERTY	LUST	DNR	N5415 BUENA VISTA DR	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/16/1995	3/25/1996	4/12/1996	
03-20-002744	SHEA MUFFLER	LUST	DCOM	561 S MILITARY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	11/22/1995	7/3/2003	11/28/2003	
03-20-002760	OCONNOR OIL QUIK MART	LUST	DCOM	351 FOND DU LAC AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420127180	11/28/1995	2/12/1998	2/12/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-002780	METZ BAKING	LUST	DNR	237 HICKORY ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420111780	12/4/1995	3/10/1998	3/10/1998	
03-20-002781	P D Q #902	LUST	DCOM	400 VAN DYNE RD	NORTH FOND DU LAC	54952	FOND DU LAC	NORTHEAST	420134660	12/19/1995	7/12/2004	8/23/2004	
03-20-096757	GUDMUNDSONS LANDSCAPE NURSERY	LUST	DNR	N7820 LAKESHORE DR	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/8/1996	5/22/2002	7/12/2002	
03-20-096765	ALTO GROCERY	LUST	DNR	N3698 CTH EE	WAUPUN		FOND DU LAC	NORTHEAST	NONE	1/9/1996	11/28/2005	2/6/2006	
03-20-096827	CAMPBELLSPORT MOBIL MART	LUST	DCOM	259 N FOND DU LAC AVE	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	1/22/1996	12/5/2007	12/20/2007	
03-20-097280	WI ARMY NATIONAL GUARD STORAGE BLDG	LUST	DNR	200 SATTERLEE ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/22/1996	7/15/1996	8/15/1996	
03-20-099095	REALTY ELECTRONICS	LUST	DCOM	500 S MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/28/1996	5/6/1997	5/6/1997	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-099158	JEWSEN PROPERTY	LUST	DNR	432 DOTY ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/19/1996	4/17/1996	4/17/1996	
03-20-099583	RIPON COOP-CENEX	LUST	DCOM	641 E OSHKOSH ST	RIPON		FOND DU LAC	NORTHEAST	NONE	4/4/1996	1/3/2000	1/3/2000	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-100664	SPEEDWAY #2006	LUST	DCOM	129 FOREST AVE	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420098690	5/1/1996	10/27/2003	11/28/2003	
03-20-101229	TRIARCH INC	LUST	DNR	N8028 UNION ST	RIPON	54971	FOND DU LAC	NORTHEAST	420021360	5/7/1996	9/25/1998	9/25/1998	
03-20-101233	ST LAWRENCE SEMINARY	LUST	DCOM	301 CHURCH ST	MOUNT CALVARY	53057	FOND DU LAC	NORTHEAST	420133450	5/14/1996		2/28/1997	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-104753	LUEDTKE GROCERY	LUST	DNR	N3054 HWY 175	BYRON		FOND DU LAC	NORTHEAST	NONE	6/24/1996	4/17/1997	4/17/1997	
03-20-104757	LUEDTKE PROPERTY	LUST	DCOM	N3072 HWY 175	BYRON		FOND DU LAC	NORTHEAST	NONE	6/24/1996	11/18/1997	11/18/1997	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-104789	WHITTY MILK TRANSIT	LUST	DNR	305 E MAIN ST	EDEN		FOND DU LAC	NORTHEAST	NONE	6/13/1996	10/25/1999	10/25/1999	
03-20-106748	DINS MOBIL	LUST	DCOM	N3006 STH 67	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	7/9/1996	11/13/1998	11/13/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-106752	W C W C RADIO STATION	LUST	DCOM	N7502 RADIO RD	RIPON		FOND DU LAC	NORTHEAST	NONE	7/19/1996	11/4/1997	11/4/1997	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-108618	ZELLER PROPERTY	LUST	DCOM	121 FOND DU LAC AVE	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	7/30/1996	5/14/2004	12/6/2004	
03-20-109799	FARRELL GROUP PROPERTY	LUST	DNR	780 S MAIN ST ADJACENT TO	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/7/1996	5/26/1998	5/26/1998	
03-20-109815	BAKER PROPERTY	LUST	DCOM	W3705 SILICA RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/13/1996		9/8/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-109819	CARTWRIGHT PROPERTY	LUST	DCOM	420 N HICKORY ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/18/1996	11/5/1997	11/5/1997	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-109827	PERRON PROPERTY	LUST	DCOM	137 MILL ST	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	8/22/1996	12/28/2005	12/28/2005	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-109903	ERDMANNS OAKFIELD OIL CO	LUST	DNR	127 E CHURCH ST	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	9/27/1996	5/10/1999	12/4/2008	
03-20-110054	OPEN PANTRY FOOD MART	LUST	DCOM	400 BLACKBURN ST	RIPON	54971	FOND DU LAC	NORTHEAST	420137850	7/29/1996	6/14/2001	6/14/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-110062	BLUEMKES FOOD MART	LUST	DNR	102 E DIVISION ST	ROSENDALE		FOND DU LAC	NORTHEAST	NONE	8/19/1996	4/24/2001	6/18/2001	

03-20-110068	JOHNSON SCHOOL BUS SITE #2	LUST	DNR	711 MORRIS ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420127070	7/3/1996	12/3/1997	12/3/1997	
03-20-110428	FIRST PRESBYTERIAN CHURCH	LUST	DNR	39 S MARR ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/30/1996	1/8/1997	1/8/1997	
03-20-111781	FOND DU LAC AUTO SALES	LUST	DCOM	317 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	11/6/1996	5/10/1999	5/10/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-111797	WOODRUFF ROOFING	LUST	DNR	279 FOREST AVE	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	998036930	10/25/1996	1/4/2000	1/23/2001	
03-20-113347	ABEL LANDSCAPING SERVICE	LUST	DCOM	N4193 HWY 175 S	BYRON TN		FOND DU LAC	NORTHEAST	NONE	12/3/1996	6/7/1998	6/7/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-113351	CONDON OIL CO	LUST	DNR	126 E JACKSON	RIPON		FOND DU LAC	NORTHEAST	NONE	11/22/1996	10/15/2002	10/15/2002	
03-20-113355	RIPON TN GARAGE SITE #2	LUST	DCOM	N8191 DOUGLAS ST	RIPON		FOND DU LAC	NORTHEAST	NONE	11/19/1996	4/15/2003	4/15/2003	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-115366	HENKE PROPERTY	LUST	DNR	W13707 HWY 44	BRANDON		FOND DU LAC	NORTHEAST	NONE	12/31/1996	3/8/2001	3/8/2001	
03-20-116811	BAKER MASONRY	LUST	DCOM	709 W SCOTT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/13/1997	9/8/2000	9/8/2000	
03-20-118446	BROWN JUG TAVERN	LUST	DCOM	401 FOND DU LAC ST	MOUNT CALVARY		FOND DU LAC	NORTHEAST	NONE	2/28/1997	5/15/1998	5/15/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-118853	MCDOWELL STANDARD SERVICE	LUST	DNR	26 W MAIN ST	WAUPUN	53963	FOND DU LAC	SOUTH CENTRAL	420135100	3/11/1997	5/27/2005	3/10/2006	
03-20-118861	DONOVAN PROPERTY	LUST	DNR	101 FOND DU LAC ST	WAUPUN	53963	FOND DU LAC	NORTHEAST	420127840	3/17/1997	2/20/2004	8/18/2004	
03-20-119080	OGLE SERVICE STATION (FORMER)	LUST	DNR	205 N MAIN ST	OAKFIELD	53065	FOND DU LAC	NORTHEAST	420128060	3/20/1997	6/9/1999	6/9/1999	
03-20-119407	SCHMIDS TOWN & COUNTRY	LUST	DNR	N9564 VAN DYNE RD	VAN DYNE		FOND DU LAC	NORTHEAST	NONE	3/25/1997		5/5/2010	
03-20-119687	AMOCO STATION - ANJUM LAKESIDE MART	LUST	DNR	N7015 WINNEBAGO DR	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420132460	4/2/1997	6/6/2005	9/16/2005	
03-20-119947	CHAMPION MOTORS	LUST	DCOM	558 S MILITARY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	4/3/1997	12/11/2000	5/1/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-120399	COEHOORN FARM	LUST	DCOM	W10940 E ROSE-ELD RD	ROSENDALE		FOND DU LAC	NORTHEAST	NONE	4/16/1997	5/1/2000	5/1/2000	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-129594	L & H GYR EXCAVATING INC	LUST	DCOM	629 VAN DYNE RD	FOND DU LAC CTY	54936	FOND DU LAC	NORTHEAST	999967100	5/19/1997	5/3/2004	3/4/2005	
03-20-133122	JOE FREUND DISTRIBUTING	LUST	DCOM	207 N PIONEER	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/27/1997	6/29/2000	10/16/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-138856	ST FELIX FRIARY	LUST	DCOM	W1754 HWY 149 S	CALVARY		FOND DU LAC	NORTHEAST	NONE	5/28/1997	1/20/1999	1/20/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-151005	HOBBS PROPERTY	LUST	DNR	W7880 SCHOEPKE RD	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	6/17/1997	5/20/2003	12/16/2003	
03-20-151454	W & D INC (FORMER)	LUST	DNR	N7932 LAKE SHORE DR	FRIENDSHIP TN		FOND DU LAC	NORTHEAST	NONE	6/24/1997	6/16/2008	3/27/2009	
03-20-151623	MCCALLUM PROPERTY	LUST	DCOM	N7791 LEDGEVIEW SPRING DR	TAYCHEEDAH TN		FOND DU LAC	NORTHEAST	NONE	6/23/1997	3/25/1998	3/25/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-152038	DOMINOS PIZZA	LUST	DCOM	301 S MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/2/1997	8/17/2004	9/13/2004	
03-20-152480	LANG PROPERTY	LUST	DNR	154 N BROOKE ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/14/1997	8/5/1999	8/5/1999	
03-20-152716	LAVEY PROPERTY	LUST	DNR	400 S MILITARY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/16/1997	1/31/2000	12/8/9199	
03-20-152966	HOMETOWN REALTY PROPERTY - WASTE OIL	LUST	DCOM	116-118 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/21/1997	3/25/1998	3/25/1998	FORMER CITY OF FOND DU LAC PROPERTY *** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-153761	KIRSCHENSTEIN PROPERTY	LUST	DCOM	55-59 4TH ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/31/1997	5/3/2001	1/25/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***

03-20-170268	CAMPBELLSPORT SELF SERVICE	LUST	DCOM	104 N RAILROAD ST	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	9/5/1997	7/23/2002	9/26/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-170311	FOND DU LAC CONCRETE PRODUCTS	LUST	DCOM	183 W FOLLETT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/2/1997	8/19/1998	8/27/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-171771	FOND DU LAC LUTHERAN HOME	LUST	DCOM	244 N MACY ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420131030	9/12/1997	5/5/1998	5/5/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-173541	D R KOHLMAN INC	LUST	DCOM	1117 CHURCH ST	ST CLOUD VIL		FOND DU LAC	NORTHEAST	NONE	10/3/1997	1/30/2002	1/30/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-173598	JORDANS MOBIL	LUST	DNR	415 W JOHNSON ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/6/1997	5/15/2000	1/24/2001	
03-20-173670	RUAN LEASING	LUST	DCOM	877 S PIONEER RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/8/1997	1/14/1998	1/14/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-174898	LA ESPERONZA GROCERIES	LUST	DCOM	306 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/20/1997	10/11/1999	10/11/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-174954	FOND DU LAC CTY ROAD BED	LUST	DCOM	S BROOKE 100 FT S OF WESTERN	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/6/1997	4/15/2009	4/15/2009	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-174959	DAMROW CO INC	LUST	DCOM	220 RUGGLES ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/6/1997		3/11/2009	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-175439	ZUNKER CONTRACTORS INC	LUST	DNR	N5756 HWY 151 S	FOND DU LAC TN	54937	FOND DU LAC	NORTHEAST	998013940	10/31/1997	4/14/1999	4/14/1999	
03-20-175835	PENN PROPERTY	LUST	DCOM	N3970 CTH V	EDEN		FOND DU LAC	NORTHEAST	NONE	11/12/1997	9/18/1998	9/18/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-176691	HENNIG AUTO SALES & SERVICE	LUST	DNR	99 FOND DU LAC ST	WAUPUN		FOND DU LAC	NORTHEAST	NONE	10/17/1997	6/10/2003	8/11/2004	
03-20-177729	FREIBERG HOME IMPROVEMENTS	LUST	DCOM	283 FOREST AVE	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	11/26/1997	3/30/1998	3/30/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-177825	PRAIRIE DAIRY INC	LUST	DCOM	W8406 PRAIRIE RD	OAKFIELD TN		FOND DU LAC	NORTHEAST	NONE	12/10/1997	11/9/1999	11/9/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-178605	PIONEER LAND & DEVELOPMENT	LUST	DCOM	117 N MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	12/18/1997	7/8/1999	7/8/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-179134	JOHNSON SCHOOL BUS	LUST	DCOM	312 PRECISION DR	CAMPBELLSPORT		FOND DU LAC	NORTHEAST	NONE	1/5/1998	7/20/2001	1/25/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-179902	BYRNES FARM	LUST	DCOM	W2810 FOURTH ST RD	EMPIRE TN		FOND DU LAC	NORTHEAST	NONE	1/13/1998	8/9/1999	8/9/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-182206	KNAUS CHEESE INC	LUST	DCOM	N5722 CTH C	LAMARTINE		FOND DU LAC	NORTHEAST	NONE	1/28/1998	9/21/1998	9/21/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-182514	FOND DU LAC CONCRETE PRODUCTS	LUST	DNR	183 W FOLLETT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	2/23/1998	2/3/2000	3/22/2001	
03-20-183944	OLD DUTCHMILL - WI DOT	LUST	DNR	N2271 HWY 45	AUBURN TN		FOND DU LAC	NORTHEAST	NONE	3/26/1998		8/24/2007	
03-20-186597	MILLER PROPERTY	LUST	DNR	N7076 POMMERING RD	SPRINGVALE TN		FOND DU LAC	NORTHEAST	NONE	4/2/1998	5/5/2005	9/27/2005	
03-20-186601	LEHMAN PROPERTY	LUST	DNR	W13491 REEDS CORNER RD	METOMEN TN		FOND DU LAC	NORTHEAST	NONE	4/2/1998	4/24/2007	5/1/2007	
03-20-186605	MACGREGOR BLDG (FORMER)	LUST	DCOM	23-37 MCWILLIAMS & 374-382 MAR	FOND DU LAC CTY		FOND DU LAC	NORTHEAST	NONE	4/28/1998	10/15/1998	10/15/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-189864	MIDSTATES EXPRESS	LUST	DCOM	465 S PIONEER RD	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420098250	6/3/1998	7/17/1998	7/17/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-190948	CABARET SUPPER CLUB & HALL	LUST	DCOM	1401 MAIN ST	ST CLOUD VIL		FOND DU LAC	NORTHEAST	NONE	6/2/1998	10/16/1998	10/16/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-193126	FOND DU LAC CTY-CNTY BLDG	LUST	DCOM	160 S MACY ST	FOND DU LAC	54836	FOND DU LAC	NORTHEAST	420121350	7/24/1998	8/13/1998	8/13/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-193576	PIT STOP GARAGE	LUST	DNR	127 E WAUPUN ST	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	6/19/1998	9/20/2001	10/24/2001	
03-20-193949	BULK PETROLEUM PROPERTY	LUST	DNR	606 W MAIN	WAUPUN	53963	FOND DU LAC	NORTHEAST	420099460	6/17/1998	10/20/2006	2/5/2007	

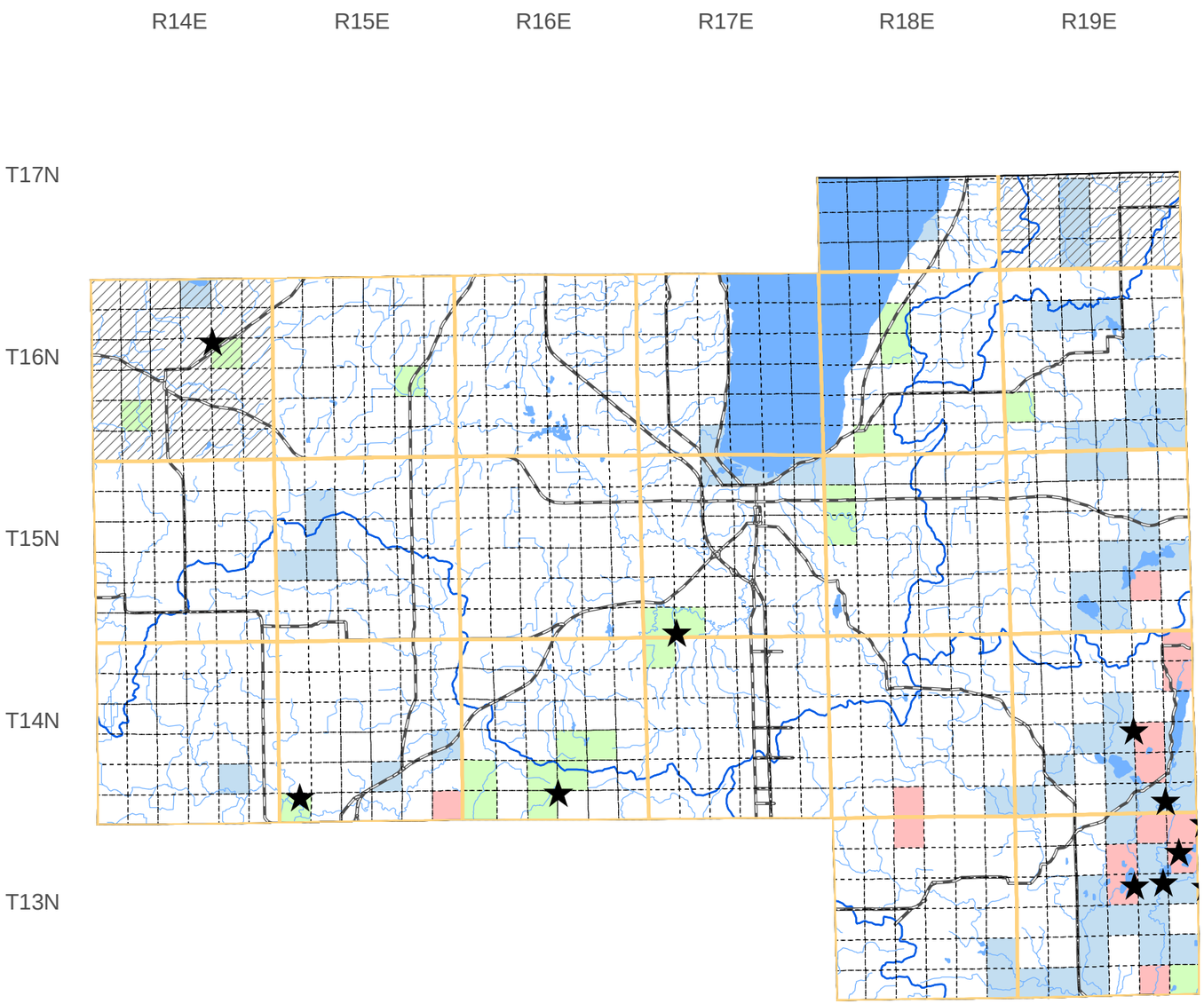
03-20-194558	WATERS HONEY FARM	LUST	DNR	W13157 OLDEN RD	RIPON TN		FOND DU LAC	NORTHEAST	NONE	8/7/1998	11/26/2001	1/15/2002	
03-20-196859	HAYWARD TIRE CO	LUST	DNR	514 S SEYMOUR ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/12/1998	10/8/1998	10/8/1998	
03-20-196868	ST LAWRENCE SEMINARY - GASOLINE TANK	LUST	DNR	301 CHURCH ST	MOUNT CALVARY	53057	FOND DU LAC	NORTHEAST	420133450	7/21/1998	4/30/2009	5/7/2009	
03-20-196874	TWOHIG PROPERTY	LUST	DCOM	N5417 DE NEVEU LN	EMPIRE TN		FOND DU LAC	NORTHEAST	NONE	8/26/1998	8/17/1999	8/17/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-197845	BIG JOHNS	LUST	DCOM	321 S MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420009150	9/18/1998	11/7/2000	1/25/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-198075	FRIDAY CANNING CORP - TANK #2	LUST	DCOM	108 MAIN ST	EDEN	53019	FOND DU LAC	NORTHEAST	420070090	2/10/1992	12/18/2003	6/14/2004	
03-20-198146	PETERS PROPERTY	LUST	DCOM	W4529 MARY HILL PARK	EMPIRE TN		FOND DU LAC	NORTHEAST	NONE	8/25/1998	10/28/1998	5/20/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-198493	FOND DU LAC CNTY HEALTH CARE CENTER	LUST	DCOM	459 E 1ST ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420132790	9/11/1998	10/13/1998	10/13/1998	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-199539	ST LAWRENCE SEMINARY - FUEL OIL	LUST	DCOM	301 CHURCH ST	MOUNT CALVARY	53057	FOND DU LAC	NORTHEAST	420133450	10/2/1998	2/26/2001	2/26/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-204935	RIPON COOP (FORMER)	LUST	DNR	201 JEFFERSON	RIPON		FOND DU LAC	NORTHEAST	NONE	10/23/1998	4/16/2004	4/21/2004	
03-20-207544	MERRI-LORE MARKET	LUST	DNR	W750 ARMSTRONG RD	OSCEOLA TN		FOND DU LAC	NORTHEAST	NONE	10/23/1998	10/3/2002	4/30/2009	
03-20-208228	SHEA MUFFLER - SITE 2	LUST	DCOM	561 S MILITARY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	12/21/1998	3/17/1999	3/17/1999	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-208247	MIKES SERVICE	LUST	DNR	222 BLACKBURN	RIPON		FOND DU LAC	NORTHEAST	NONE	12/14/1998	12/12/2001	11/30/2005	
03-20-208738	L & H GYR - WASTE OIL	LUST	DCOM	629 VAN DYNE RD	FOND DU LAC CTY	54936	FOND DU LAC	NORTHEAST	999967100	1/4/1999	1/6/2004	3/4/2005	
03-20-213099	RIPON COLLEGE - MEMORIAL HALL BOILER ROOM	LUST	DCOM	340 ELM ST	RIPON TN		FOND DU LAC	NORTHEAST	NONE	2/2/1999	3/21/2001	3/21/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-213105	MUELLER FARM	LUST	DCOM	W12702 OLDEN RD	RIPON TN		FOND DU LAC	NORTHEAST	NONE	1/21/1999	2/6/2001	2/6/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-213188	CENTURYTEL	LUST	DNR	442 FENTON ST	RIPON		FOND DU LAC	NORTHEAST	NONE	12/22/1998	8/9/2002	4/3/2003	
03-20-218251	FOND DU LAC CNTY HWY DEPT GARAGE	LUST	DCOM	225 KOMMER ST	MOUNT CALVARY		FOND DU LAC	NORTHEAST	NONE	4/9/1999	3/23/2001	3/23/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-219760	FRENCH ADVERTISING SITE #1 - WI DOT	LUST	DCOM	235 W JOHNSON ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420018060	4/14/1999		9/12/2002	
03-20-219764	OSBORN TRUCKING - WI DOT	LUST	DNR	221 W JOHNSON ST - STH 23	FOND DU LAC		FOND DU LAC	NORTHEAST	420015090	4/14/1999	10/22/1999	1/23/2001	
03-20-219768	CONDON KEYSTOP	LUST	DNR	230 SCOTT ST	RIPON		FOND DU LAC	NORTHEAST	NONE	4/19/1999	12/4/2001	12/4/2001	
03-20-219794	BOOTH PROPERTY (FORMER)	LUST	DCOM	341 W SCOTT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/3/1999	1/7/2002	5/1/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-220690	NORTH FOND DU LAC VIL - LIFT STATION	LUST	DCOM	1108 MINNESOTA AVE	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/13/1999	3/27/2000	3/27/2000	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-221053	FOND DU LAC CNTY HWY DEPT GARAGE	LUST	DCOM	N5170 HWY 49 S	BRANDON		FOND DU LAC	NORTHEAST	NONE	5/20/1999	4/19/2000	4/19/2000	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-222001	CONDON CAR WASH (FORMER)	LUST	DNR	230 SCOTT ST	RIPON		FOND DU LAC	NORTHEAST	NONE	5/27/1999		4/24/2009	
03-20-232051	FLOOD HOMES INC	LUST	DCOM	6A VERMONT ST	RIPON	54971	FOND DU LAC	NORTHEAST	NONE	9/24/1999	1/7/2000	1/7/2000	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-234593	CONDON CO - MAIN OFFICE	LUST	DCOM	126 E JACKSON	RIPON		FOND DU LAC	NORTHEAST	NONE	10/22/1999	4/30/2002	4/30/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-234785	BAERENWALD PROPERTY	LUST	DNR	500 N FOND DU LAC ST	WAUPUN	53963	FOND DU LAC	SOUTH CENTRAL	420117500	6/3/1999	10/24/2008	11/19/2008	

03-20-241963	CHAMPION MOTORS - WASTE OIL	LUST	DCOM	558 S MILITARY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	1/20/2000	3/23/2000	3/23/2000	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-248215	MOVIE GALLERY	LUST	DNR	20 W MAIN ST	WAUPUN		FOND DU LAC	SOUTH CENTRAL	NONE	6/30/1999	5/27/2005	3/10/2006	
03-20-252467	UNION PACIFIC RR (FORMER) - ROUNDHOUSE	LUST	DCOM	W6361 NORTHWESTERN AVE	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	8/11/1995	9/30/2002	9/30/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-252599	FLOOD MOBILE HOME PARK 4B PARKWAY DR	LUST	DCOM	PARKWAY DR	RIPON		FOND DU LAC	NORTHEAST	NONE	8/6/1999	4/3/2003	4/3/2003	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-252963	GUENTHER SUPPLY INC	LUST	DCOM	429 W 11TH ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	4/24/2000	6/30/2004	6/30/2004	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-257023	FOND DU LAC REPORTER	LUST	DNR	33 W 2ND ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420104850	8/2/2000	4/1/2008	6/24/2008	
03-20-257643	WILL PROPERTY (FORMER)	LUST	DNR	W2795 FOURTH ST	EMPIRE TN		FOND DU LAC	NORTHEAST	320001990	7/19/2000	5/27/2008	8/12/2008	
03-20-258672	MERCURY MARINE PLT 4 - PETROLEUM	LUST	DNR	660 S HICKORY ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420044790	8/9/2000		1/19/2010	
03-20-259606	VANDE STREEK BULK PLT	LUST	DNR	10 JACKSON ST	WAUPUN		FOND DU LAC	SOUTH CENTRAL	NONE	10/2/2000		5/4/2010	
03-20-260695	6D PARKWAY DR	LUST	DCOM	PARKWAY DR	RIPON		FOND DU LAC	NORTHEAST	NONE	10/31/2000	6/4/2001	6/4/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-269254	BIG ALS AMOCO - FUEL OIL	LUST	DCOM	206 S MILITARY RD	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420009040	3/7/2001	5/30/2001	5/30/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-270129	FREIBERG PROPERTY	LUST	DCOM	N8280 TOWN HALL RD	ELDORADO		FOND DU LAC	NORTHEAST	NONE	4/6/2001	7/28/2003	7/28/2003	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-270142	ROSENTHAL PROPERTY - WI DOT	LUST	DNR	W3667 CTH WH	MALONE	53049	FOND DU LAC	NORTHEAST	NONE	3/27/2001		12/22/2009	
03-20-274373	ZIELIEKE WELL DRILLING INC	LUST	DCOM	N944 ELMORE DR	ASHFORD		FOND DU LAC	NORTHEAST	NONE	6/28/2001	10/2/2002	10/2/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-274881	CULVER APPLIANCE PROPERTY	LUST	DCOM	759 S MAIN ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/2/2001	8/21/2001	8/21/2001	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-276001	COPPS FOOD STORE #112	LUST	DCOM	362 N PETERS AVE	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/23/2001	8/8/2005	9/6/2005	
03-20-282507	BOELTER PROPERTY	LUST	DCOM	31 POLK ST	NORTH FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/20/2001	7/21/2003	11/20/2003	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-298567	POWER PACKAGING INC	LUST	DCOM	401 N MAIN ST	ROSENDALE	54974	FOND DU LAC	NORTHEAST	420013440	3/13/2002	12/8/2003	1/30/2004	
03-20-306613	KREMER PROPERTY	LUST	DCOM	445 E DIVISION ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	5/1/2002	9/24/2002	9/24/2002	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-307031	ABHOLDS GARAGE #2	LUST	DNR	407 FOND DU LAC AVE	MOUNT CALVARY		FOND DU LAC	NORTHEAST	NONE	6/3/2002		2/18/2010	
03-20-374163	CLARK STATION #1502	LUST	DCOM	136 W SCOTT ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	11/2/2002		8/3/2006	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-443019	WAUPUN PUBLIC UTILITIES WWTP	LUST	DCOM	501 FOND DU LAC AVE	WAUPUN	53963	FOND DU LAC	NORTHEAST	NONE	3/28/2003	11/2/2004	2/23/2005	
03-20-455082	TIMS ALIGNMENT SERVICE - WI DOT	LUST	DCOM	N7635 STH 151	TAYCHEEDAH		FOND DU LAC	NORTHEAST	NONE	5/27/2003	3/23/2004	3/23/2004	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-472639	BRAUN FAMILY RESTAURANT	LUST	DNR	330 BLACKBURN ST	RIPON		FOND DU LAC	NORTHEAST	NONE	7/8/2003	4/12/2005	5/29/2007	
03-20-483838	ELSINGER & STREAN LLC	LUST	DCOM	175 N PIONEER RD	NORTH FOND DU LAC	54937	FOND DU LAC	NORTHEAST	NONE	7/29/2003	12/18/2008	1/15/2009	
03-20-514429	MODEL CLEANERS	LUST	DNR	66 S MACY ST	FOND DU LAC	54936	FOND DU LAC	NORTHEAST	420045670	10/14/2003	7/6/2006	5/1/2007	
03-20-514731	LAKIN PROPERTY	LUST	DCOM	BECHAUD BEACH RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/28/2003	7/1/2004	7/1/2004	INVOLVES 1 TANK - 1500 GAL - FUEL OIL *** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-514735	LAKIN PROPERTY	LUST	DCOM	BECHAUD BEACH RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/28/2003	7/1/2004	7/1/2004	INVOLVES 1 TANK - 250 GAL - FUEL OIL *** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***

03-20-516200	CITY SERVICE GAS STATION - FORMER	LUST	DCOM	N7559 N PIONEER RD	FRIENDSHIP TN		FOND DU LAC	NORTHEAST	NONE	11/17/2003	8/23/2004	8/23/2004	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-519899	BEAY RESIDENTIAL PROPERTY	LUST	DCOM	W7424 CTH Y	OAKFIELD		FOND DU LAC	NORTHEAST	NONE	1/8/2004	3/7/2005	11/8/2005	
03-20-527507	ADMANCO BLDG	LUST	DNR	700 STANTON ST	RIPON		FOND DU LAC	NORTHEAST	NONE	6/15/2004	9/21/2004	9/21/2004	
03-20-528859	THIELKE PROPERTY (VAN DYNE AUTO) - WI DOT	LUST	DNR	N9535 VAN DYNE RD	VAN DYNE		FOND DU LAC	NORTHEAST	NONE	7/2/2004	7/16/2007	8/2/2007	
03-20-528864	HOCH PROPERTY - WI DOT	LUST	DNR	N9536 VAN DYNE RD	VAN DYNE		FOND DU LAC	NORTHEAST	NONE	7/2/2004		7/22/2010	
03-20-531593	GIESE PROPERTY	LUST	DCOM	275 E DIVISION ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	9/7/2004	6/25/2006	8/1/2006	
03-20-535343	TUCKERS HAMBURGERS	LUST	DCOM	254 HICKORY ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	10/20/2004		3/28/2007	FORMER SITE OF ROSSEY'S RIVERSIDE SERVICE STATION *** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-542865	DICKINSON PROPERTY	LUST	DCOM	79 E DIVISION ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	3/17/2005	4/27/2005	7/28/2005	
03-20-542868	JAEGER SIGN	LUST	DCOM	995 MORRIS ST	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	3/16/2005	7/18/2006	8/29/2006	
03-20-543489	STH 149 ROW & PEEBLES LN - WI DOT	LUST	DNR	STH149 ROW & PEEBLES LN-S SIDE	PEEBLES	53919	FOND DU LAC	NORTHEAST	NONE	7/6/2005	7/6/2005	7/6/2005	
03-20-544484	JULKA EQUIPMENT CO - WI DOT	LUST	DNR	N5444 HWY 151S	FOND DU LAC	54937	FOND DU LAC	NORTHEAST	NONE	12/21/1994	12/21/1994	12/21/1994	
03-20-544661	JAMES OTIS SCHOOL	LUST	DNR	N6104 ESTERBROOK RD	FOND DU LAC	54937	FOND DU LAC	NORTHEAST	NONE	12/16/2005	2/2/2006	2/2/2006	ACTIVITY TYPE CHANGED ON 26-JAN-06. ORIGINAL ACTIVITY NO. WAS 02-20-544661. 1 - 1 000 GAL FUEL OIL TANK REMOVED
03-20-545247	MARK ONE COMPANY	LUST	DNR	240 W ARNDT ST	FOND DU LAC CTY	54935	FOND DU LAC	NORTHEAST	420040170	4/3/2006		5/3/2010	
03-20-545251	GAS N STUFF PROPERTY (FORMER)	LUST	DNR	187 N PIONEER RD	FOND DU LAC	54937	FOND DU LAC	NORTHEAST	NONE	4/11/2006	10/16/2006	3/8/2007	ACTIVITY MOVED TO NO ACTION REQUIRED TYPE ON 23-AUG-06. ORIGINAL ACTIVITY NO. WAS 01-20-545251 ACTIVITY TYPE CHANGED ON 18-OCT-06. ORIGINAL ACTIVITY NO. WAS 09-20-545251-MORE INFORMATION PROVIDED - OVEREXCAVATION COMPLETED. ACCIDENTALLY MOVED TO WINNEBAGO COUNTY THEN MOVED BACK AGAIN 02-12-2007
03-20-548039	WISCONSIN CENTRAL LTD - PAINT SHOP UST	LUST	DNR	2 HARRISON ST	NORTH FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420092420	9/22/2006		7/14/2009	
03-20-548124	WELLS MFG CORP - DIESEL/UST	LUST	DNR	26 S BROOKE ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420039840	11/19/2003		4/23/2010	
03-20-548941	RIPON CITGO WEST	LUST	DNR	1105 W FOND DU LAC ST	RIPON		FOND DU LAC	NORTHEAST	NONE	4/23/2007		2/1/2010	
03-20-550706	RIPON SENIOR CENTER	LUST	DNR	301 WATSON ST	RIPON	54971	FOND DU LAC	NORTHEAST	NONE	12/18/2007	2/2/2009	2/2/2009	
03-20-552982	SADOFF PROPERTY	LUST	DCOM	N7216 WINNEBAGO DR	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	NONE	11/16/2008	2/12/2009	2/12/2009	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-553033	MANOWSKE WELDING INC - 1000 GAL FUEL OIL	LUST	DNR	200 N MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420024110	9/15/2006		2/10/2009	
03-20-553954	NATL GUARD ARMORY - WAUPUN	LUST	DNR	315 N GROVE ST	WAUPUN	53963	FOND DU LAC	NORTHEAST	420117280	7/20/2009		7/6/2010	
03-20-553968	FOND DU LAC YMCA	LUST	DCOM	165 S MILITARY RD	FOND DU LAC		FOND DU LAC	NORTHEAST	NONE	7/30/2009	3/3/2010	3/10/2010	*** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***
03-20-554396	OA STIEDAMAN PROPERTY	LUST	DCOM	777 S MILITARY RD	FOND DU LAC CTY	54935	FOND DU LAC	NORTHEAST	NONE	10/9/2009	1/4/2010	1/27/2010	
03-20-555534	U HAUL PROPERTY (FORMER) - WI DOT	LUST	DNR	290 N MAIN ST	FOND DU LAC	54935	FOND DU LAC	NORTHEAST	420119590	5/10/2010		5/10/2010	

APPENDIX D

NHI MAP



Fond du Lac County

AQUATIC OCCURRENCES

Animal

Red-necked Grebe, Podiceps grisegena, 1986
American Bullfrog, Lithobates catesbeianus, 2007
Northern Cricket Frog, Acris crepitans, 1969
Redfin Shiner, Lythrurus umbratilis, 1972
Pickerel Frog, Lithobates palustris, 2009
Butler's Gartersnake, Thamnophis butleri, 2009
Banded Killfish, Fundulus diaphanus, 1979
Cantrall's Bog Beetle, Liodessus cantralli, 1985
Blanding's Turtle, Emydoidea blandingii, 2009
Mulberry Wing, Poanes massasoit, 1992
Weed Shiner, Notropis texanus, 1973
Lake Chubsucker, Erimyzon sucetta, 1979
Lake Sturgeon, Acipenser fulvescens,
Azure Bluet, Enallagma aspersum, 1989
Ellipse, Venustaconcha ellipsiformis, 1977
Black Tern, Chlidonias niger, 1989
Little Glassy Wing, Pompeius verna, 1993
Queensnake, Regina septemvittata, 1985
Swamp Metalmark, Calephelis muticum, 2009
Red-shouldered Hawk, Buteo lineatus, 2009
Pugnose Shiner, Notropis anogenus, 1979
Four-toed Salamander, Hemidactylium scutatum, 2009
Osprey, Pandion haliaetus, 2008
Common Tern, Sterna hirundo, 2000
Slender Bluet, Enallagma traviatum, 1990
Least Darter, Etheostoma microperca, 1977
Wisconsin Well Amphipod, Stygobromus putealis, 1994
Western Grebe, Aechmophorus occidentalis, 1990
Black-crowned Night-heron, Nycticorax nycticorax, 1986
Greater Redhorse, Moxostoma valenciennesi, 1996
Longear Sunfish, Lepomis megalotis, 1978

Plants

Northern Yellow Lady's-slipper, Cypripedium parviflorum var. makasin, 1970
Showy Lady's-slipper, Cypripedium reginae, 2005
Slim-stem Small-reedgrass, Calamagrostis stricta, 1938
Cuckooflower, Cardamine pratensis, 2009
Small White Lady's-slipper, Cypripedium candidum, 1873

Natural Communities

Stream--Fast, Soft, Cold, Stream--fast, soft, cold, 1978
Open Bog, Open bog, 1979
Southern Sedge Meadow, Southern sedge meadow, 1979
Wet Prairie, Wet prairie, 1988
Floodplain Forest, Floodplain forest, 1978
Emergent Marsh, Emergent marsh, 2006
Lake--Shallow, Hard, Seepage, Lake--shallow, hard, seepage, 1979
Spring Pond, Spring pond, 1998
Calcareous Fen, Calcareous fen, 1976
Northern Wet Forest, Northern wet forest, 1979
Shrub-carr, Shrub-carr, 2000
Stream--Fast, Hard, Cold, Stream--fast, hard, cold, 1979
Lake--Soft Bog, Lake--soft bog, 1976
Lake--Shallow, Hard, Drainage, Lake--shallow, hard, drainage, 1978
Northern Wet-mesic Forest, Northern wet-mesic forest, 2000
Lake--Shallow, Soft, Seepage, Lake--shallow, soft, seepage, 1978
Southern Hardwood Swamp, Southern hardwood swamp, 1979

TERRESTRIAL OCCURRENCES

Animal

Yellow-billed Cuckoo, Coccyzus americanus, 2009
Acadian Flycatcher, Empidonax virescens, 2009
Midwest Pleistocene Vertigo, Vertigo hubrichti, 1997
North American Racer, Coluber constrictor, 1972
Honey Vertigo, Vertigo tridentata, 1997
Iowa Pleistocene Vertigo, Vertigo sp. 2, 1997
A Land Snail, Catinella gelida, 1997
Northern Ring-necked Snake, Diadophis punctatus edwardsii, 1993
Red-tailed Prairie Leafhopper, Aflexia rubranura, 1998
Thin-lip Vallonia, Vallonia perspectiva, 1997
Cerulean Warbler, Dendroica cerulea, 2009

Plants

Rock Whitlow-grass, Draba arabisans, 2000
Yellow Gentian, Gentiana alba, 1994
Harbinger-of-spring, Erigenia bulbosa,
Prairie Milkweed, Asclepias sullivantii, 1987
Woolly Milkweed, Asclepias lanuginosa, 1938
Large-leaved Avens, Geum macrophyllum var. macrophyllum, 2004
Forked Aster, Aster furcatus, 2001
American Gromwell, Lithospermum latifolium, 1965

Natural Communities

Southern Dry-mesic Forest, Southern dry-mesic forest, 1992
Southern Dry Forest, Southern dry forest, 1978
Dry Prairie, Dry prairie, 1988
Mesic Prairie, Mesic prairie, 1988
Moist Cliff, Moist cliff, 2000
Southern Mesic Forest, Southern mesic forest, 1985

SPECIES and/or NATURAL COMMUNITY | Aquatic | Terrestrial | Both | Township Occurrences | Watershed Boundaries | ★ State Natural Area

WISCONSIN DEPT. OF NATURAL RESOURCES

This map represents the known occurrences of rare species and natural communities that have been recorded in the Wisconsin Natural Heritage Inventory (NHI). Colored sections indicate the presence of one or more occurrences within that section. Hatched townships indicate one or more occurrences reported only at the township level. The date following the names above notes the most recent year the occurrence was recorded in the county.

Map generated using NHI data from: 12/31/2009
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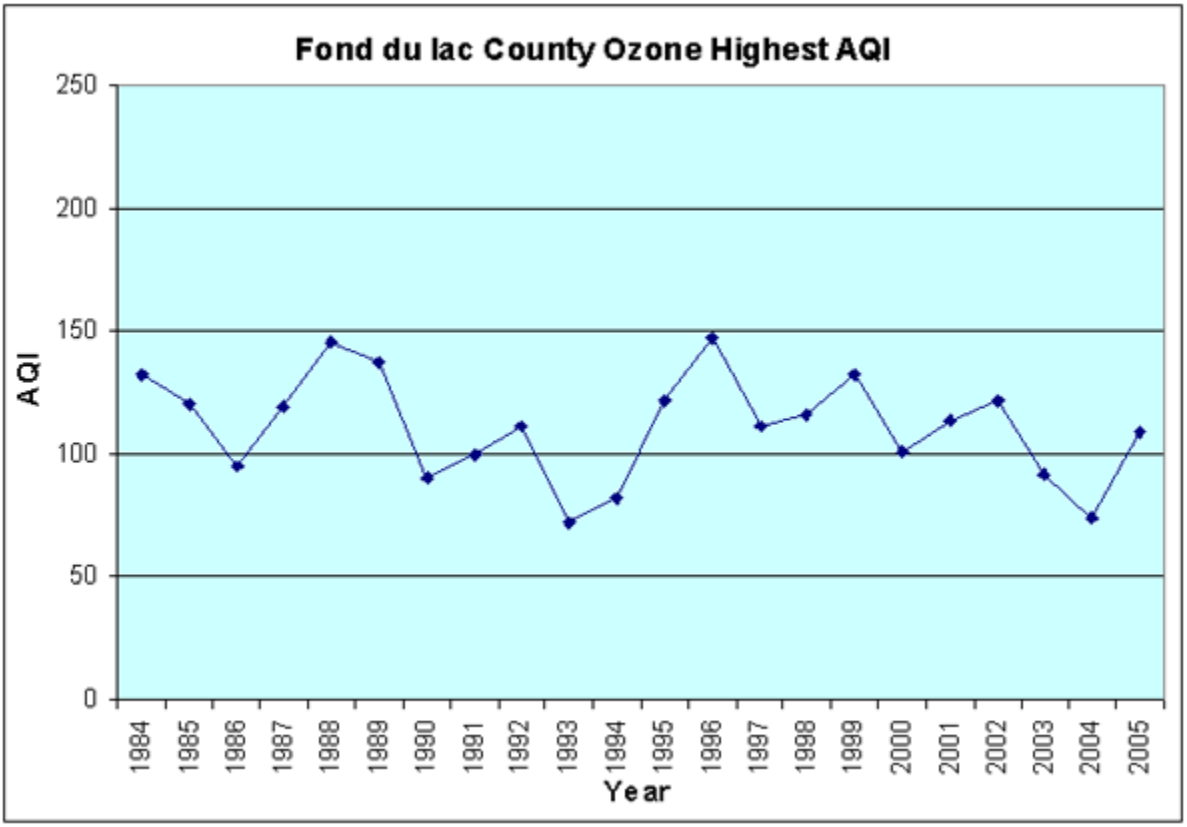
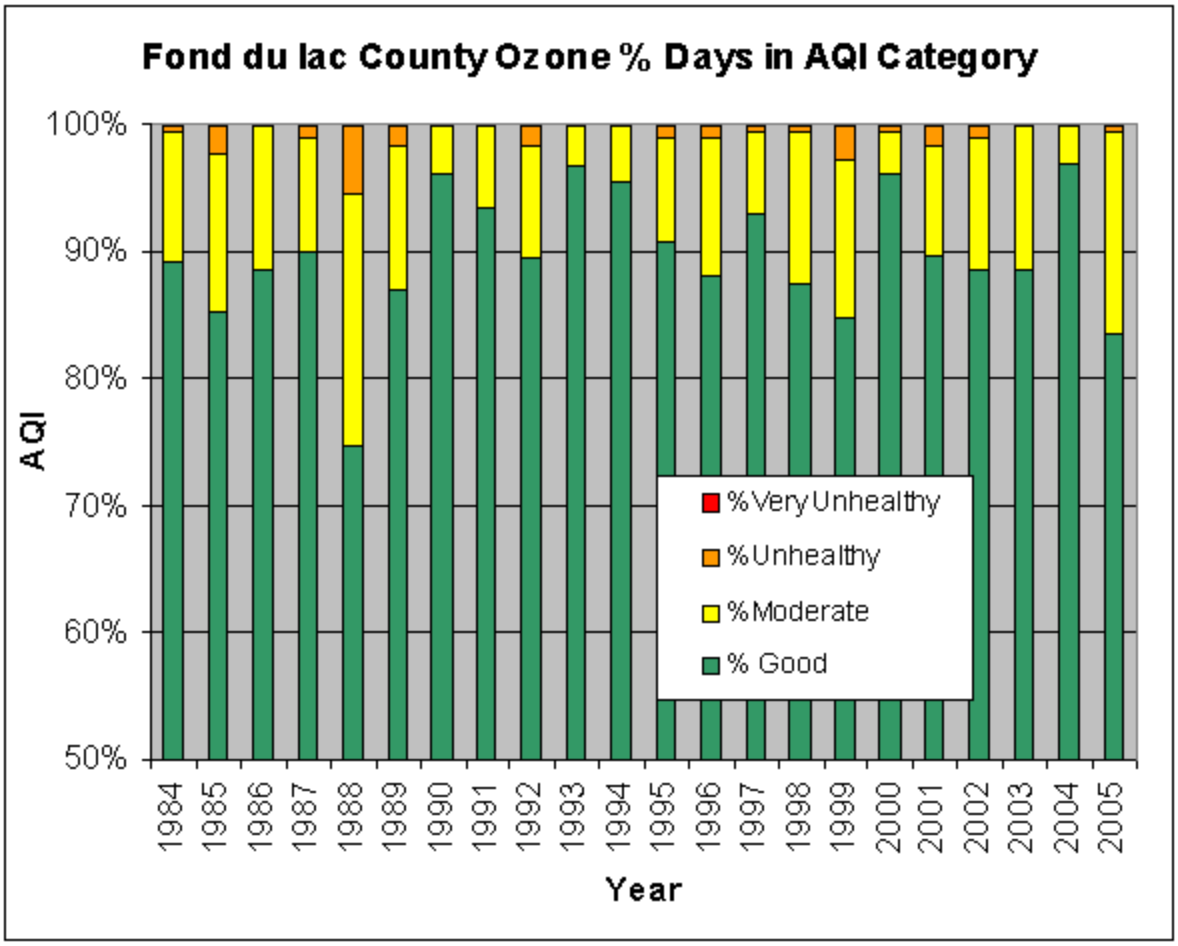
ENDANGERED RESOURCES

APPENDIX E

OZONE TRENDS

Fond du Lac ozone trends




Fond du lac County Ozone % Days in AQI Category
100%
90%
80%
70%
60%
50%
AQI
1984
1985
1986
1987
1988
1989
1990
1991
1992
1993
1994
1995
1996
1997
1998
1999
2000
2001
2002
2003
2004
2005
Year
% Very Unhealthy
% Unhealthy
% Moderate
% Good

APPENDIX F

AFFIDAVIT

THE REPORTER
www.fdlreporter.com

AFFIDAVIT OF PUBLICATION

Legal No. 703
Ad No. 5001117971
Case No.
PO No.
N5251 East Central Wisconsin RPC

ATTN:

STATE OF WISCONSIN, }
Fond du Lac County, } ss.

Susan Giese being duly sworn, says that she is the foreman of the publisher of The Reporter, a daily newspaper published in the city of Fond du Lac, in said county, and that a notice, of which annexed is a printed copy taken from said paper, has been published in said newspaper as follows:

June 2 & 6

Susan Giese

Subscribed and sworn to before me this 7th day of June, A.D. 2010.

Sandra R. Kurot
Notary Public, Fond du Lac, Wisconsin
My commission expires May 18, 2014

Printer's Fees: $113.40

You are invited to a public information meeting concerning the update of the Fond du Lac Metropolitan Planning Organization (MPO) Long Range Transportation/Land Use Plan. The plan is required for all urbanized areas, nation-wide, and must be updated every 5 years. MPO staff is seeking input from all persons interested in the future of Fond du Lac area highways, buses, paratransit, trucking, railway, bicycle, and pedestrian transportation, and the relationship between land use patterns and transportation systems. Please join us to hear about the planning process and to offer your input and concerns. The meeting is scheduled for:

Tuesday, June 8
4:00 p.m.-6:00 p.m.
City/County Government Center, Rooms D & E
160 S. Macy Street, Fond du Lac

If you require special accommodations or would like additional information contact us at (920) 751-4770, or at http://www.eastcentralrpc.org/FondduLacMPO/index.html

Published June 2 & 6, 2010 (703) WNAXLP

5001117971

State of Wisconsin Fond du Lac County

Court

Proof of Publication Notice

Affidavits

APPENDIX G

SUMMARY OF PROCEEDINGS

SUMMARY OF PROCEEDINGS
Fond du Lac MPO
Policy Board
Fond du Lac City/County Government Center
Wednesday, October 13, 2010

The meeting was called to order by Wayne Rollin at 10:04 A.M.

Committee Members Present

Tom Janke .....Fond du Lac County
Mark Lentz ..... City of Fond du Lac
Matt Halada.....WisDOT – NE Region
Jill Michaelson.....WisDOT – NE Region
Wayne Rollin ..... City of Fond du Lac
Tom Herre..... City of Fond du Lac
Chuck Hornung..... Village of North Fond du Lac
Allen Buechel .....Fond du Lac County
Nick Leonard ..... Village of North Fond du Lac
Gary Miller.....Fond du Lac City Council
Jim Pierquet .....Town of Empire

Staff Members Present

Walt Raith .....Assistant Director
Dave Moesch.....Associate Transportation Planner
Nickolas Musson..... Transportation Planner

1. Introductions, Statement of compliance with Wis. Stats. Ch. 19, Subchapter V, Sec.19.84 regarding Open Meetings

   Mr. Buechel welcomed the group and noted that the meeting was properly posted and in compliance with the open meeting requirements.

2. Public Comment

   No members of the public were present.

3. Discussion and action on the July 14, 2010 Policy Board meeting Summary of Proceedings.

   Mr. Buechel stated the summaries of proceedings from the July 14, 2010 meeting were enclosed in the meeting materials. Mr. Buechel asked the committee if there was any discussion or comments on the summary of proceedings. Hearing none, Mr. Buechel asked the committee for a motion on the summary of proceedings.

   Mr. Hornung made a motion to approve the summary of proceedings, Mr. Herre seconded the motion and the motion passed unanimously.

4. Discussion and action on Fond du Lac MPO Functional Class/Urbanized Area Boundary Map.

   Mr. Moesch explained that the functional class/urbanized area boundary map has been under review the last month. He noted that Mr. Lentz and Mr. Rollin have given comments and they have been addressed. He asked the committee if they had any questions. Mr. Raith

noted that the WisDOT has been working with Mr. Moesch on this matter. Mr. Halada stated that WisDOT also has been working to update the rural system.

Mr. Buechel asked the committee if there was any discussion or comments on the Fond du Lac MPO functional class/urbanized area boundary map. Hearing none, Mr. Buechel asked for a motion to approve the Fond du Lac functional class/urbanized area boundary map.

Mr. Rollin made a motion to approve the Fond du Lac functional class/urbanized area boundary map, Mr. Lentz seconded the motion and the motion passed unanimously.

5. Discussion and action on proposed resolution 01-10; adoption of the Transportation Improvement Program for the Fond du Lac urbanized area – 2011.

   Mr. Moesch stated that all committee members should have received a copy of the Transportation Improvement Program (TIP). He noted that the 30 day public comment period ended on September 30th, 2010. He also noted that there was no new projects added accept for the Fond du Lac Safe Routes to School (SRTS), which is 100 percent funded. He explained that the Fond du Lac School District was awarded a SRTS grant for $90,800 and that $67,900 will go towards intersection improvements and $22,900 will go towards education. Mr. Halada explained that if the Fond du Lac MPO Transportation Enhancement (TE) project is approved, then it would have to be amended into the TIP. Mr. Raith explained that the November 3rd, 2010 meeting was scheduled for the purpose of TIP amendments. Mr. Halada noted that we should know the outcome of the TE project by the November 3rd meeting.

   Mr. Buechel asked the committee if there was any discussion or comments on the 2011 Transportation Improvement Program for the Fond du Lac area. Hearing none, Mr. Buechel asked for a motion on resolution 01-10.

   Mr. Pierquet made a motion to approve resolution 01-10, Mr. Miller seconded the motion and the motion passed unanimously.

6. Discussion and action on proposed resolution 02-10; adoption of the 2011 Unified Transportation Work Program for the Fond du Lac urbanized area and annual MPO certification.

   Mr. Raith went over the details of the 2011 Unified Transportation Work Program with the committee members. He explained that the State DOT and Federal Highway Administration look to see that the MPO is addressing all transportation issues in the document. He noted that they want to see cooperative agreements, maps of the MPO boundary, maps of the region, and the details of the transportation program. Mr. Raith pointed out the transportation program summary table in the document. He explained that this year and the next will be spent on putting together the base year data for the travel demand model. He also explained that we will start the planning process for the next long range plan update at this time too. Mr. Raith went over specifics of each program. He noted that the freight program received more funding to improve the travel demand model. He also noted the addition of the SRTS program.

   Mr. Rollin asked if the MPO local share is taken from the local municipalities. Mr. Raith explained that the local share is taken from all local municipalities including the city, villages and towns. Mr. Rollin stated that it would be nice if the County joined. Mr. Raith stated that the County was kind enough to invite East Central to the finance committee. He noted that East Central is additional staff to help the County and local municipalities. Mr. Buechel

explained that the finance committee is not opposed to joining and will revisit the topic in the future. He noted that if the County joins then the local municipalities would not be charged and the funds can be spent elsewhere.

Mr. Raith continued with the Unified Transportation Work Program and pointed out upcoming meeting dates. He also pointed out the section on how the planning factors relate to transportation program activities.

Mr. Buechel asked the committee if there was any discussion or comments on the Unified Transportation Work Program for the Fond du Lac area. Hearing none, Mr. Buechel asked for a motion on resolution 02-10.

Mr. Rollin made a motion to approve resolution 02-10, Mr. Herre seconded the motion and the motion passed unanimously.

7. Discussion and action on proposed resolution 03-10; adoption of the update to the Fond du Lac urbanized area long range transportation/land use plan.

   Mr. Musson explained that last time the committee met we went over the six newsletters pertaining to the long range plan update. He noted that he did not receive comments from the committee members, but did receive comments from the DNR and historical society. Mr. Musson explained that he addressed the comments by adding more mitigation measures in wetlands,rivers, and streams sections of the plan. He noted the major highlights of the plan: environmental mitigation, performance measures, freight study, and project recommendation.

   Mr. Buechel asked the committee if there was any discussion or comments on the Fond du Lac urbanized area long range transportation/land use plan update. Hearing none, Mr. Buechel asked for a motion on resolution 03-10.

   Mr. Herre made a motion to approve resolution 03-10, Mr. Pierquet seconded the motion and the motion passed unanimously.

8. Update on Fond du Lac Area Safe Routes to School Program.

   Mr. Moesch announced that the Fond du Lac School District was awarded a SRTS grant for $90,800. Mr. Moesch explained that $67,900 will go towards intersection improvements and $22,900 will go towards education. Mr. Herre asked if any of the funding can go towards crossing guards. Mr. Raith said that he will look into it and let him know.

9. Adjourn
   The next time the Fond du Lac MPO will meet will be on November 3, 2010 for the Policy Board/Technical Committee meeting at 10:00 A.M.

   Mr. Buechel asked if there was any other business. Hearing none, Mr. Lentz made a motion to adjourn and Mr. Halada seconded the motion. The motion passed unanimously and the Committee adjourned at 10:39 A.M.

APPENDIX H

MPO RESOLUTION OF ADOPTION

RESOLUTION No. 03-10

ADOPTION OF THE UPDATE TO THE FOND DU LAC URBANIZED AREA LONG RANGE TRANSPORTATION/LAND USE PLAN

WHEREAS, the City of Fond du Lac is the designated Metropolitan Planning Organization (MPO) for the Fond du Lac Urbanized Area, and charged with conducting cooperative, comprehensive and continuing urban transportation planning as prescribed by federal and state law; and

WHEREAS, an update was prepared by the MPO to meet the requirement of the Safe, Accountable, Flexible, Efficient, Transportation Equity Act: A Legacy for Users (SAFETEA-LU); and

WHEREAS, the principal elected officials of local governments in the Fond du Lac Urbanized Area, their designated staffs, technical advisory committees and policy boards and the public, have participated in the planning process; and

WHEREAS, a 30 day public comment period was provided including a public notice in the newspaper of record announcing the availability of the update to the Fond du Lac Urbanized Area Long Range Transportation/Land Use Plan; and

WHEREAS, all comments received through public information meetings, by U.S. Mail, the MPO website, telephone or other communication were presented to the technical advisory committee and the policy board and incorporated into the update. Now, Therefore:

BE IT RESOLVED THAT THE FOND DU LAC METROPOLITAN PLANNING ORGANIZATION ADOPT THE UPDATE TO THE FOND DU LAC URBANIZED AREA LONG RANGE TRANSPORTATION/LAND USE PLAN:

Effective Date: October 13, 2010
Submitted By: MPO Staff
Prepared By: MPO Staff

Allen Buechel

Allen Buechel, MPO Policy Board, Chair

Wayne Rollin

Wayne Rollin, MPO Policy Board, Vice Chair