

# Peshtigo Fire Memorial – Green Bay to Menominee County, MI

## Corridor Overview

This 50-mile corridor provides important freight and passenger access to and from much of Michigan’s Upper Peninsula and the Sault Ste. Marie gateway to Canada. The corridor, which is important to the forest products and paper industry, is named for the individuals who lost their lives as a result of the Peshtigo Fire of 1871. It includes the World War II Veterans Memorial Highway (US 41 from Milwaukee to Marinette), as well as the urban and urbanized areas of Green Bay and Marinette.



## Current Corridor Characteristics

- Airports:
  - › Air carrier (passenger) airport: Austin Straubel International (Green Bay)
  - › Basic utility airport: J Douglas Bake Memorial (Oconto)
- Highways:
  - › Primary highway: US 41
  - › Corridors 2030 Backbone Route: US 41
  - › NHS intermodal terminals with local road connections: Port of Green Bay
- Public Transit:
  - › Bus systems: Green Bay
  - › Shared-ride taxi: Marinette
  - › Specialized transit: Available in all counties; level of service depends on location
- Fixed Guideway Transit: None along this corridor
- Rail Freight: Freight rail service exists
- Intercity Passenger Rail: None along this corridor
- Intercity Bus:
  - › Service between Milwaukee and Calumet, MI, with stops in Green Bay, Peshtigo, Oconto and Marinette
  - › Connections in Green Bay to intercity bus services to Chicago, IL
- Ports and Harbors: Green Bay, Oconto, Marinette
- Ferry: None along this corridor
- Bicycle/pedestrian
  - › Major trails: Oconto River State Trail
  - › Accommodations, linkages and accessibility along and across some facilities

## Future Corridor Vision

- Airports: Continued service, increased direct air service and infrastructure projects to support business-airplane capable airports
- Highways: Maximized preservation and maintenance of infrastructure and continued user efficiency and mobility, including improved traffic movement, along US 41 by implementing:
  - › *State Access Management Plan* vision; Tier 1
  - › Candidate expressway upgrades and/or the potential conversion of expressway to freeway corridor (US 41)
  - › Enumerated Major projects in Oconto and Peshtigo
- Public Transit: Increased coordination/regionalism and continued service
- Fixed Guideway Transit: None along this corridor
- Rail Freight: Continued freight rail service and corridor preservation
- Intercity Passenger Rail:
  - › New service:
    - New Green Bay – Milwaukee – Chicago, IL intercity passenger rail service
    - All new intercity passenger rail services will operate within existing corridors
- Intercity Bus: New service:
  - › Phase 1: Between Madison and Green Bay and between Minneapolis/St. Paul, MN and Green Bay
  - › Phase 2: Between Marinette and proposed Green Bay passenger rail station; between Sturgeon Bay and proposed Green Bay passenger rail station; and between proposed Green Bay passenger rail station and Milwaukee Intermodal Station
  - › Phase 3: Between Gills Rock and Green Bay
- Ports and Harbors: Continued service, preservation, maintenance and infrastructure improvements (Green Bay, Oconto, Marinette)
- Ferry: None along this corridor
- Bicycle/Pedestrian: Continued and enhanced accommodations, linkages and accessibility along and across facilities

	Year 2007	Year 2030
<b>County populations</b>		
Marinette	44,646	44,710
Oconto	38,958	45,261
Brown	244,764	291,862
<b>Population age 65 and older</b>	37,229	78,895
<b>Enplanements</b>		
Austin Straubel International Airport	455,514	712,500
<b>Intercity passenger rail ridership</b>		
Green Bay station	NA	131,000
<b>Average annual daily traffic along US 41</b>	10,000 – 47,300	12,100 – 67,600
<b>Truck volume along</b>		
US 41 south of US 141 junction	Medium	Medium
US 41 north of US 141 junction	Low	Medium

Refer to the “Corridor Map - Data Definitions and Sources” for more information.



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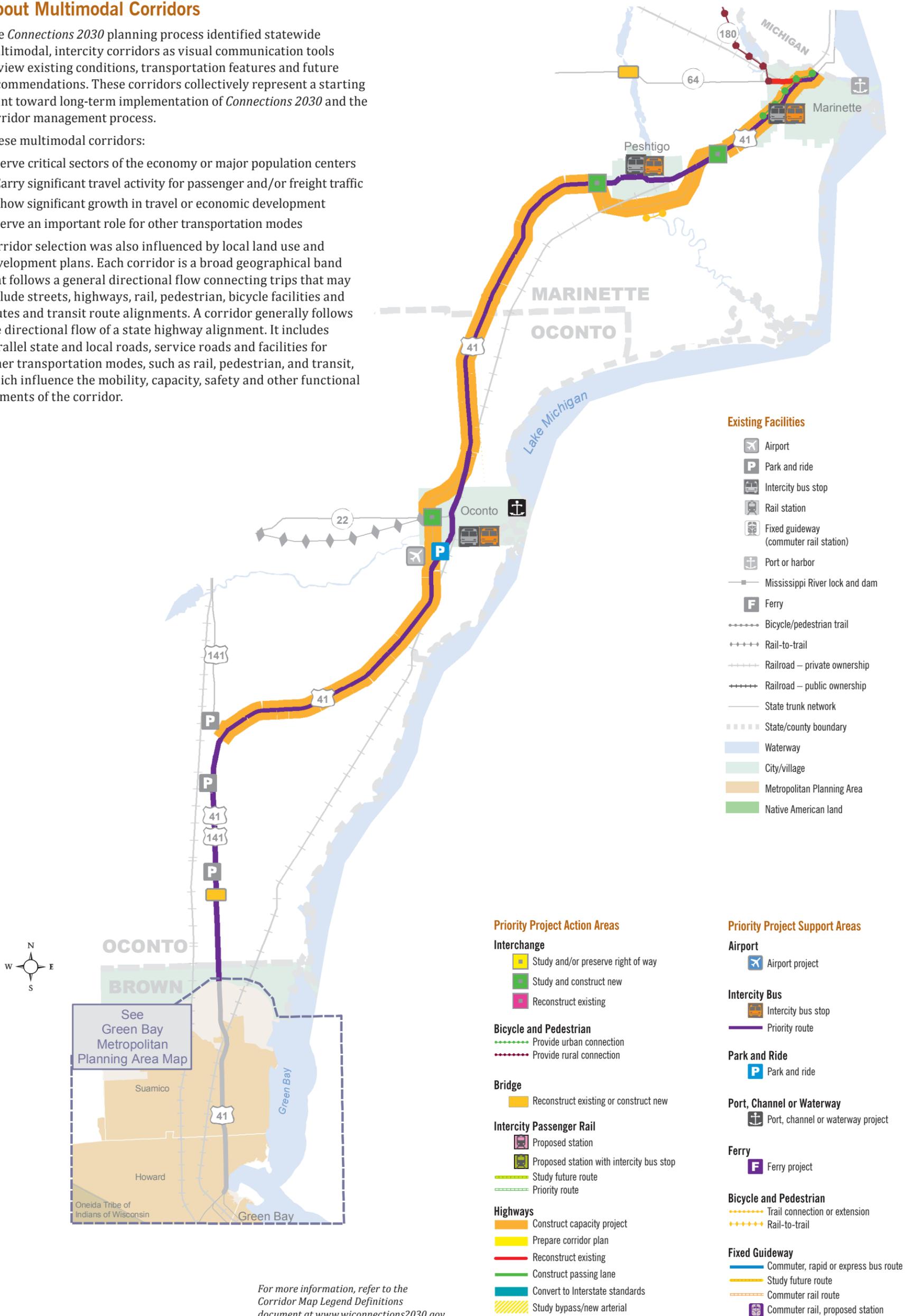
## About Multimodal Corridors

The *Connections 2030* planning process identified statewide multimodal, intercity corridors as visual communication tools to view existing conditions, transportation features and future recommendations. These corridors collectively represent a starting point toward long-term implementation of *Connections 2030* and the corridor management process.

These multimodal corridors:

- Serve critical sectors of the economy or major population centers
- Carry significant travel activity for passenger and/or freight traffic
- Show significant growth in travel or economic development
- Serve an important role for other transportation modes

Corridor selection was also influenced by local land use and development plans. Each corridor is a broad geographical band that follows a general directional flow connecting trips that may include streets, highways, rail, pedestrian, bicycle facilities and routes and transit route alignments. A corridor generally follows the directional flow of a state highway alignment. It includes parallel state and local roads, service roads and facilities for other transportation modes, such as rail, pedestrian, and transit, which influence the mobility, capacity, safety and other functional elements of the corridor.



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## Current and Proposed Future Activities

These activities may not occur in the time frame identified due to budget constraints, changing conditions or shifting priorities. Refer to the “Important Notes about What is Depicted” for more information or contact the WisDOT Region Office.

### Short-Term (2008 – 2013)

US 41	Construct enumerated Major project from the west end of the new Oconto bypass to the east end of the new Peshtigo bypass, which may include adding lanes to expressway or freeway standards and constructing new interchanges at US 41 and WIS 22/County Rd Y (Oconto Co); US 41 and County Rd Y (Marinette Co) and US 41 and east of Peshtigo
WIS 64	Reconstruct in Marinette from WIS 180 to US 41
WIS 64	Replace bridge and approaches over Peshtigo River
Bicycle/Pedestrian	Support construction of a new trail along the Peshtigo Bypass from Hale Rd (Marinette Co), across the Peshtigo River, to County Rd B (Marinette Co)
Bicycle/Pedestrian	Provide rural accommodations along WIS 180 from WIS 64 (Marinette) to County Road T (Marinette Co)
Park & Ride	Support proposed park and ride construction along US 41 as part of Peshtigo/Oconto project
Port/Harbor	Support dredging activities and dockage space on seawall at the Port of Oconto

### Mid-Term (2014 – 2019)

Bicycle/Pedestrian	Provide urban accommodations along US 41 from the western Marinette city limits to the Michigan/Wisconsin state line
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### Long-Term (2020 – 2030)

US 41	Construct candidate expressway upgrades and/or convert to freeway from US 141 to the Oconto bypass, from the Oconto bypass to the Peshtigo bypass, and from the Peshtigo bypass to Marinette if supported by environmental document
US 41/141	Replace bridge over Little Suamico River if supported by environmental document
Intercity/Feeder Bus	Support new intercity/feeder bus between Marinette and proposed Green Bay passenger rail station with stops in Oconto and Peshtigo

### Entire Planning Period

Airports	Support continued preservation, maintenance and infrastructure projects at <i>State Airport System Plan</i> airports
Bicycle/Pedestrian	Support accommodations and linkages to create a connected network that provides accessibility along and across facilities
Intercity Bus	Support continued service between Calumet, MI and Chicago, IL with stops in Marinette, Peshtigo, Oconto, Green Bay, Manitowoc, Sheboygan and Milwaukee
Local Roads	Support continued preservation, maintenance and infrastructure projects
Park & Ride	Support continued preservation and maintenance
Park & Ride	Support expansion of existing park and ride facilities if needed and if supported by environmental document
Port/Harbor	Support channel preservation, maintenance and infrastructure projects at the Port of Oconto and the Port of Marinette
Public Transit	Support continued shared-ride taxi service in Marinette
Public Transit	Work with counties and transit service providers to coordinate and expand rural transit service
Rail Freight	Support preservation of existing freight services and corridors
Soo Locks	Support continued coordination, maintenance and preservation
Specialized Transit	Support continued service and encourage improved service coordination
State Highways	Construct grade separations at rail crossings if supported by environmental document
State Highways	Preserve and maintain infrastructure
State Highways	Improve traffic movement with traffic operations infrastructure strategies

## Important Notes about What is Depicted

The map shows currently programmed and proposed future activities (as of December 31, 2007) that have significant impacts on the corridor. Not all projects or initiatives are mapped, and additional analyses, including an environmental document, will be conducted before any of the projects or activities are completed. These analyses may include studying alternatives (including a no build/no change alternative) with public involvement opportunities as appropriate. Resources and shifting priorities may impact WisDOT’s implementation of any proposed activity within the time frames identified. WisDOT will remain flexible in the implementation of *Connections 2030* recommendations. The table and map activities (on the previous page) reflect actions identified in:

- *Connections 2030* policies
- WisDOT’s Six-Year Highway Improvement Program (2008 - 2013)
- Other WisDOT program data
- Other WisDOT plans and studies
- Metropolitan planning organizations’ (MPOs), regional planning commissions’ (RPCs) and tribal long-range transportation plans

For information on funding and implementation priorities, see those *Connections 2030* chapters. For more information on transportation projects, contact the WisDOT Region Office (see *Connections 2030* or [www.dot.wisconsin.gov/projects/](http://www.dot.wisconsin.gov/projects/) for a map of region offices). MPO, RPC and tribal long-range transportation plans offer recommendations on all transportation modes within their boundaries.



# Corridor Map – Data Definitions and Sources

## Data Definitions

### Corridors 2030

(See *Connections 2030 Chapter 5, Preserve and Maintain Wisconsin's Transportation System, for more information.*)

- Backbone system: Multilane, divided highways interconnecting all major population and economic centers of the state and linking them to the national transportation network
- Connector system: Two- and four-lane highways directly linking other significant economic and tourism centers to the Backbone system

### State Access Management Plan vision

(See *Connections 2030 Chapter 9, Promote Transportation Efficiencies, for more information.*)

- Tier 1: By 2030, in rural areas (outside of city and village boundaries), access to the highway will primarily be at interchanges (with some existing safely spaced, locked and gated emergency vehicle driveways and a few isolated field entrances possible at select locations)
- Tier 2A: By 2030, in rural areas (outside of city and village boundaries), access to the highway will primarily be at at-grade public road intersections (with some existing safely spaced, locked and gated emergency vehicle driveways and few isolated field entrances)
- Tier 2B: By 2030, in rural areas (outside of city and village boundaries), access to the highway will primarily be at at-grade public road intersections with some existing safely spaced, lower volume private, residential, field or emergency service driveways
- Tier 3: By 2030, in rural areas (outside of city and village boundaries), access to the highway will primarily be at at-grade public road intersections with some existing safely spaced, higher volume private, residential and field or emergency service driveways
- Tier 4: By 2030, in rural areas (outside of city and village boundaries), access to the highway will be at safely spaced driveways and roads

### State Airport System Plan classifications

- Air carrier (passenger)/air cargo: Designed to accommodate virtually all aircraft up to and, in some cases, including wide body jets and large military transports
- Transport/corporate: Intended to serve corporate, small passenger and cargo jet aircraft used in regional service, and small airplanes (piston or turboprop) used in commuter air service
- General utility: Intended to serve virtually all small aviation single and twin-engine aircraft (both piston and turboprop) with a maximum take-off weight of 12,500 pounds or less
- Basic utility: Intended to serve all small-engine piston aircraft and many of the smaller twin-engine piston aircraft with a gross takeoff weight of 12,500 pounds or less

### Truck volume descriptions

- Low (0 – 501 trucks per day), Medium (501 – 2,500 trucks per day),
- High (2,501 – 8,000 trucks per day), Very High (more than 8,000 trucks per day)

### Urban/urbanized areas

- Urban areas: Areas with populations between 5,000 and 49,999
- Urbanized areas: Areas with populations of 50,000 or more

## Data Sources

### Annual average daily traffic (AADT)

- Current data: WisDOT, *2005 Wisconsin Highway Traffic Volume Data*, December 2006
- Forecast data: WisDOT, August 2007

### Enplanements

- Current data: WisDOT, *2006 Wisconsin Aviation Activity*, April 2007
- Forecast data: Flight Transportation Associates, Inc., *Updated Wisconsin State Airport System Plan Aviation Activity Forecasts*, September 2005; Southeast Wisconsin Regional Planning Commissions, *Review and Update of Regional Airport System Plan Forecasts*, 2005

### National Highway System (NHS) intermodal terminals

- Federal Highway Administration, October 2007

### Passenger rail ridership

- Current data: WisDOT, 2007
- Forecast data:
  - › Transportation Economics & Management Systems, Inc., *Midwest Regional Rail Initiative Project Notebook*, 2004
  - › Forecast year 2020
  - › Forecast Milwaukee station data includes all Milwaukee area stations (Milwaukee Intermodal Station, General Mitchell International Airport and Granville)

### Population

- Current population: Wisconsin Department of Administration, *January 1, 2007 Preliminary Population Estimates for Wisconsin Counties*, August 10, 2007
- 2030 Population: Wisconsin Department of Administration, *Final Population Projections for Wisconsin Counties by Age and Sex: 2000 – 2030*, January 2004
- Current Age 65 and older population: 2000 US Census, Summary File 1, Variable P12: Sex by Age
- 2030 Age 65 and older population: Wisconsin Department of Administration, *Final Population Projections for Wisconsin Counties by Age and Sex: 2000 – 2030*, January 2004

### Public and specialized transit

- WisDOT, January 2008

### Truck volume

- WisDOT, August 2007

### Wisconsin Metropolitan Planning Organizations (MPOs)

- Chippewa – Eau Claire Metropolitan Planning Organization, *Long Range Transportation Plan 2005 – 2030*, October 2005
- Dubuque Metro Area Transportation Study, *2031 Long-Range Transportation Plan*
- Duluth – Superior Metropolitan Interstate Council, *Access and Mobility for People and Freight 2030*, September 2005

- Fond du Lac Metropolitan Planning Organization, *Long Range Transportation/Land Use Plan for the Fond du Lac Urbanized Area*, October 2005
- Fox Cities Metropolitan Planning Organization, *Long Range Transportation/Land Use Plan for the Fox Cities Urbanized Area*, October 2005
- Green Bay Metropolitan Planning Organization, *Long Range Transportation Plan*, November 2005
- Janesville Metropolitan Planning Organization, *2005 – 2035 Long Range Transportation Plan*, December 2005
- La Crosse Area Planning Committee, *2030 La Crosse and La Crescent Metropolitan Area Transportation Plan*, August 2005
- Madison Area Transportation Planning Board, *Regional Transportation Plan 2030*, November 2005
- Oshkosh Metropolitan Planning Organization, *Long Range Transportation/Land Use Plan for the Oshkosh Urbanized Area*, October 2005
- Sheboygan Metropolitan Planning Organization, *Year 2035 Sheboygan Area Transportation Plan*, January 2006
- Southeastern Wisconsin Regional Planning Commission, *Planning Report 49, A Regional Transportation System Plan for Southeastern Wisconsin 2035*, March 2006
- Stateline Area Transportation Study, *2006 – 2035 Long-Range Transportation Plan*, December 2005
- Wausau Metropolitan Planning Commission, *Wausau Area Metropolitan Area Long-Range Transportation Plan – 2035*, December 2005

### Wisconsin Tribal Transportation Plans

- Bad River Band of Lake Superior Tribe of Chippewa Indians, *Long Range Tribal Transportation Plan*, July 2006
- Forest County Potawatomi Community, *Long Range Transportation Plan*, March 2008
- Ho-Chunk Nation, *Ho-Chunk Nation Long Range Transportation Plan*, June 2005, amended March 2007
- Lac Courte Oreilles Band of Lake Superior Chippewa Indians, *2006 Transportation Plan*, March 2006
- Lac du Flambeau Band of Lake Superior Chippewa Indians, *Long-Range Transportation Plan*, February 2007
- Menominee Nation, *Menominee Indian Reservation Long-Range Transportation Plan*, May 2007
- Oneida Tribe of Indians of Wisconsin, *Transportation Improvement Plan*, December 2003, amended March 2007
- Red Cliff Band of Lake Superior Tribe of Chippewa Indians, *Long Range Transportation Plan for the Red Cliff Reservation*, February 2006
- St. Croix Chippewa Indians of Wisconsin, *St. Croix Tribal Council 2007 Long Range Transportation Plan*, March 2007
- Sokaogon Chippewa Community, *Long Range Transportation Plan*, March 2007
- Stockbridge-Munsee Community Band of Mohican Indians, *2006 Tribal Long-Range Transportation Plan Update*, May 2007

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