



# US 10 and WIS 114 Corridor Studies

April 2010

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**Mission Statement:**  
*To provide leadership in the development and operation of a safe and efficient transportation system.*

## Included in this issue:

- Contact information
- US 10 study review
- WIS 114 study review
- Project schedule
- Public information meeting invitation

## Why study US 10 and WIS 114? *Improving safety and the economy*

Safe and efficient transportation facilities benefit the economy and improve our quality of life in the Badger State. US 10 and WIS 114 in the Fox Valley are two such roads and the Wisconsin Department of Transportation (WisDOT) is beginning a new planning study of both roadways. These highways work in tandem serving a busy and growing metropolitan area, but they are reaching capacity limits and crash rates are rising. Increased operational efficiency and safer roads are the ultimate goals for these corridors.

WisDOT is developing long-range plans for both routes, basing our decisions on how we would need the roads to function in the future, in this case 2035. We want your input to help us make good decisions.

### US 10

The study limits (*see map on page 2*) for the US 10 project are located in Calumet County and extend from WIS 441 on the south side of Appleton to the US 10/WIS 114 split. WisDOT is projecting that by design year 2035, five of the nine major intersections on this route will experience serious operational difficulties.

### WIS 114

The study limits (*see map on page 3*) for the WIS 114 project extend from the US 10/WIS 114 split southeast of Appleton to the WIS 114/WIS 55 split south of Sherwood in Calumet County. The existing roadway is beginning to approach capacity limits and serious operational difficulties are projected along this route as well.

Construction is not scheduled for either project at this time, but the results of the studies, contained in an environmental document, will allow communities, land owners and local businesses to make informed land use decisions compatible with the long-range plans. Additionally, the department can plan to meet the future construction needs along these two highways.

## Public Meeting Scheduled for April 22, 2010

You are invited to attend a public information meeting regarding the US 10 and WIS 114 corridor studies. The meeting will be held in an open-house format with a short presentation. Exhibits and materials displaying project information will be available for review.

When: April 22, 2010  
5 p.m. to 7 p.m.  
Presentation at 5:15 p.m.

Where: Town of Harrison Town Hall  
W5298 WIS 114  
Menasha, Wisconsin

# US 10 and WIS 114 Corridor Studies

## Growing congestion on US 10

*This means more safety concerns and longer commutes.*

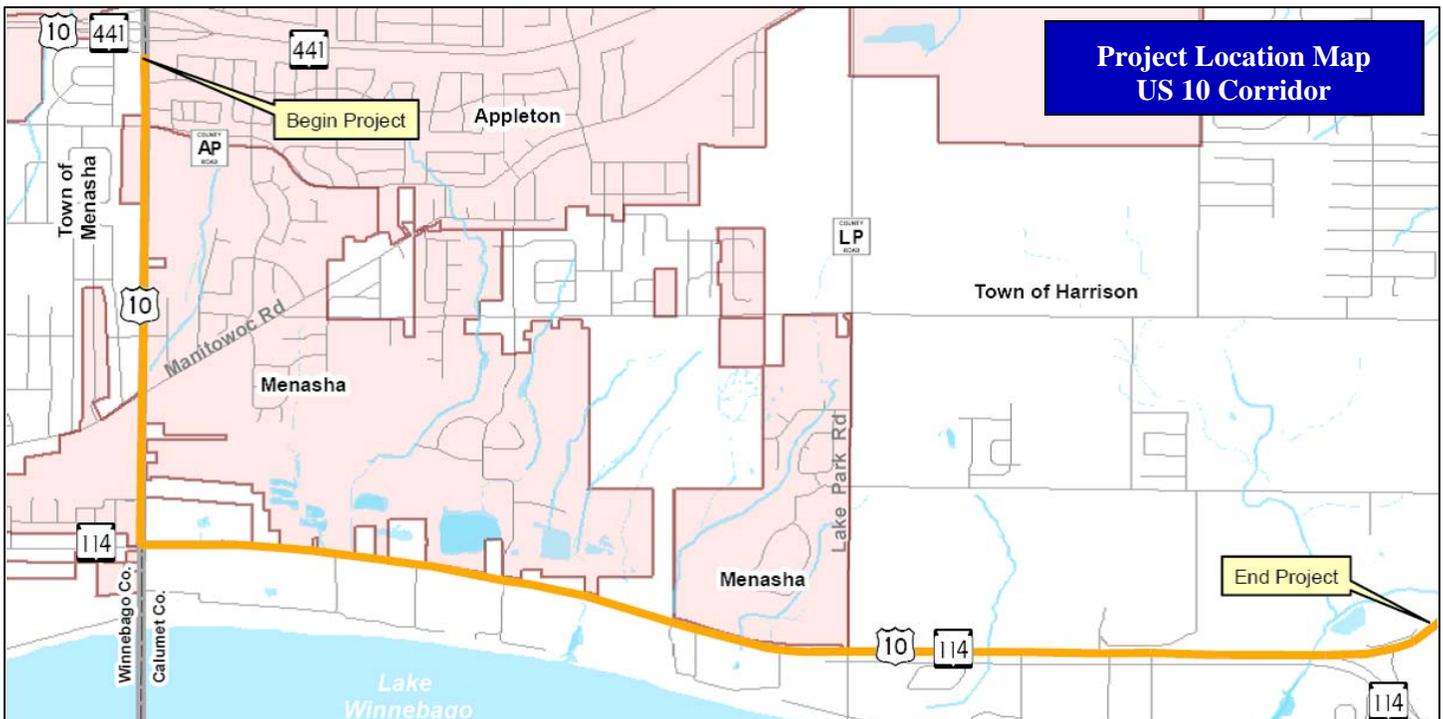
Residential and business growth is certainly a good thing, but it does have consequences. Development along US 10 is expected to raise traffic volumes more than 75% by the year 2035. For example, future traffic volumes are anticipated to mirror existing volumes on College and Wisconsin Avenues near the Fox River Mall in Appleton. The table below shows the Average Daily Traffic (ADT) in 2007 and the anticipated ADT in 2035.

US 10 Segment	2007 ADT	2035 ADT
WIS 441 to Midway Road	23,300	36,500
Midway Road to Manitowoc Road	15,900	27,900
Manitowoc Road to WIS 114 / Plank Road	14,100	25,100
US 10 / Oneida Street to Lake Park Road	12,900	23,700

The study segment of US 10 is a 4-lane highway with an urban two-way left turn lane section from WIS 441 to WIS 114 and a rural section from WIS 114 to the east. Side road controls vary from signals at major intersections to stop signs at minor intersections.

No one really likes congestion, but there are ways WisDOT can address it. While the department is not planning for additional through lanes on the segment from Oneida Street to the US 10/WIS 114 split, US 10 between WIS 441 and WIS 114 may need additional turn lanes or a divided roadway to accommodate the increase in traffic.

There are safety concerns throughout the study area, though they do vary somewhat by location. As new commercial and residential areas develop, safety and operational issues will occur. Additional control of access points along all of US 10 may be needed to maintain future roadway operations and minimize crashes. Intersection improvements may also be necessary to accommodate the increased traffic.



# US 10 and WIS 114 Corridor Studies

## It is no surprise that traffic on WIS 114 is increasing

WIS 114 is no longer the rural highway it once was. Growth in this area has been steady and substantial. It should be no surprise that as development continues over the next 25 years, traffic volumes are anticipated to increase rapidly. The table below shows the Average Daily Traffic (ADT) in 2007 and the volume anticipated in 2035.

WIS 114 Segment	2007 ADT	2035 ADT
US 10 to Castle Drive	9,900 - 10,100	15,400 - 19,900
Castle Drive to Forest Avenue	10,100	15,400
Forest Avenue to WIS 114 / WIS 55 Split	9,900	15,300



The study segment of WIS 114 is a 2-lane rural highway that connects the village of Sherwood to the Fox Cities. All side roads are currently stop controlled. Roundabouts will be constructed in 2011 at County Road N and WIS 55 to address current safety concerns.

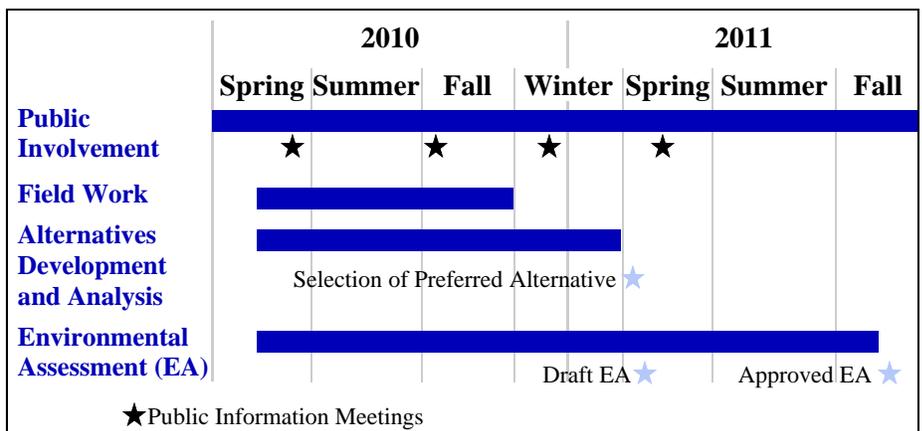
The department will be considering the eventual need for a 4-lane divided highway along this route. This kind of facility will address capacity issues, but also improve turning and through maneuvers from side roads. That translates into operational efficiency and increased safety.

As traffic counts rise, roadway improvements within the village of Sherwood could include a two-way left turn lane or individual turn lanes at intersections. These improvements would make the roadway safer by separating turning vehicles from through traffic.

Growing congestion at intersections along this route is a concern for WisDOT. As congestion increases, operational efficiency declines. Intersections will begin to operate poorly and excessive backups and long delays will occur due to minimal gaps in through traffic on WIS 114.

Currently, most intersections are operating at an acceptable level. Unfortunately, by 2035, all of the major intersections along the corridor will face significant difficulties. Intersection improvements are needed to ensure the viability and safety of the corridor.

## Study Schedule - US 10 and WIS 114



# US 10 and WIS 114 Corridor Studies

## Do you travel on US 10 or WIS 114? *If so, we need your input!*

WisDOT is conducting studies of US 10 and WIS 114 from Appleton to Sherwood in Calumet County and we want to talk to you about it.

The area immediately adjacent to and surrounding the US 10 corridor is greatly expanding. Extensive development west of Sherwood along WIS 114 has also caused traffic volumes to increase quickly. Maintaining the vitality of these routes is important as future development continues. Proficient transportation planning will enhance this development, benefit the economy and improve safety.

Please join us on **Thursday evening, April 22** so we can discuss these studies with you and get your input. The meeting will be held from **5 p.m. to 7 p.m.**, at the **town of Harrison Town Hall, W5298 WIS 114**, Menasha.

A short presentation is scheduled at **5:15 p.m.** There will be exhibits and staff available to discuss the project. Since the meeting is actually an open house, please stop when it would be convenient for you during the times listed.

Help us determine the future of these two important roadways.

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