

*Menasha*

January 16, 2014

Memorandum

To: Board of Public Works

From: Tim J. Montour, Engineering Supervisor *TJM*

In April of 1996 the City of Menasha made a formal request to the Wisconsin Department of Transportation District Number 3 to allow the City and Town of Menasha to install traffic signals at the intersection of Oneida Street (U.S.H. "10") and Manitowoc Road. The request was made because the area to the east of the intersection was increasing in residential development, thus increasing the number of vehicles utilizing the intersection. Also, because of the unique geometric configuration of the intersection it was an extreme safety issue to serve the additional traffic volumes. The City had requested that WisDOT install the traffic signals for these specific reasons but the State informed the City that the necessary warrants were not satisfied to indicate the traffic signals were necessary and the State was in no position to install the traffic signals at that time. WisDOT did however issue the necessary permits to allow the installation of the traffic signals by the City and Town of Menasha, at their expense.

WisDOT owns and maintains the traffic signals to the north of this intersection at Oneida Street (U.S.H. "10") and Midway Road (C.T.H. "AP") and the traffic signals to the south at Oneida Street (U.S.H. "10") and Plank Road (S.T.H. "114"). In recent discussions with WisDOT personnel, the State has shown interest in taking over the ownership of the traffic signals at Oneida Street and Manitowoc Road. The State sets the timing for the signalized intersections that they own and maintain. The City sets the timing for the signals at Oneida Street and Manitowoc Road. The State feels it would be in the best interest of the motoring public that they own, maintain and set the timing for all three signalized intersections in order to better synchronize the signals and maintain a better traffic flow along U.S.H. "10".

Since 1994 there have been sixty (60) traffic accidents recorded in the City portion of the intersection. Since 2007 the City has spent approximately \$1,869 to do miscellaneous diagnostics and repairs to the traffic signals at the intersection that includes relocating/rebuilding three of the traffic signal bases. There has been \$6,295 in hit and run damage since 2008 to various traffic signals at the intersection. These costs were not able to be recovered from the responsible party. There have been ten (10) reimbursable accidents involving traffic signals at the intersection since 2009. The damage to the facilities due to these accidents is in excess of \$11,630. Even though the responsible party has been invoiced these damages, there are instances where these costs have not been totally recovered. The 2013 operating cost for electricity for the traffic signals was \$834.45.

It is believed the response time for WisDOT personnel to an accident involving a damaged traffic signal at this location will be similar to the response time for accidents at Midway Road and Oneida Street or Midway Road and Appleton Road.

It is the recommendation of this Department to petition WisDOT for the transfer of ownership of these traffic signals to the State. Because the northwest quadrant of this intersection is in the Town of Menasha, and there is an existing Intermunicipal Agreement in place, the City has notified the Town of the recommendation to transfer the signals.

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North



NO SCALE

ONEIDA STREET (U.S.H. "10")

MANITOWOC ROAD

