



DEPARTMENT OF PUBLIC WORKS
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To: Municipal Services Committee
From: Eric S. Lom, City Traffic Engineer
Date: March 5, 2015
Re: Midway Road Safety Review (*Resolution #16-R-13/Jirschele*)
Revised Plan

In response to Resolution #16-R-13/Jirschele, my office performed a safety review of Midway Road in late 2013. This review identified a number of issues and recommended improvements, which were presented to the Municipal Services Committee at its 1/7/14 meeting. Subsequent to this presentation, an internal review of the project identified a number of changes that we believe would yield a better project outcome. The recommendations are presented below, with our proposed project revisions identified in **bold/underline**:

1. Enforce the City's existing vision corner ordinance (Section 10-10 of the City's Municipal Code) at all intersections along the corridor as a means of providing a minimal sight distance for drivers and bikers/pedestrians to safely interact with one another. In addition, work with the City of Menasha to address vision corner obstructions within their corporate limits as necessary.
2. Narrow the Midway Road traffic lanes and install raised pedestrian refuge islands at the Hemlock/Southfield and ~~Barker~~ **Kernan** intersections. This improvement would provide pedestrians with adequate sight lines by reducing the effective crossing widths. The cost associated with this work would range from \$150k to 250k and could be coordinated with upcoming projects in the area. We would ~~anticipate~~ **are** working with Calumet County and the City of Menasha to develop a cost sharing agreement.
3. Prohibit Midway Road pedestrian crossings **and left turns onto Midway Road** at the Woodcrest Dr. **and Barker Ln.** intersections. While little benefit is gained by allowing pedestrians to cross at ~~this~~ **these** intersections (pedestrians can easily cross at nearby intersections without going much out of their way), the costs associated with up fitting this intersection with pedestrian refuge islands would be extremely high due to its proximity to adjacent intersections (in effect, a raised median island would need to be installed along the entire length of Midway Road from Hemlock/Southfield to Barker).
4. While intersection crash rates are currently at acceptable levels in the area in question, we recommend the City consider purchasing a small amount of right-of-way in certain areas **at some point in the future** in order to allow for adequate sight distances (these areas are identified in red on ~~Figure-4~~ **the attached**) in anticipation of increased traffic volumes in the future. Once purchased, any fences or other obstructions within the areas in question would need to be removed or relocated.
5. **Install a crosswalk with overhead and advanced warning at the Whip-Poor-Will intersection. This would also include overhead button-activated high-intensity warning flashers. The costs associated with this would be approximately \$30,000.**

Figure 2
 Pedestrian / Intersection Sight Distance

