



## Traffic Engineering Division

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December 3, 2021

### Re: Draft Traffic Signal Priority List

The schedule for the Traffic Signal Priority List (TSPL) is planned as follows:

- December 8, 2021     **Opportunity offered at Transportation Commission (T.C.) meeting for comments (written or oral) from interested residents to be presented. Online videoconference, at 5:00 p.m.**
- T.C. review/discussion of the Traffic Signal Priority List; Recommendation on list of intersections for further study.
- February, 2022     Final Signal Priority List and Action Plan reviewed and adopted by T.C.; Specific date TBD.

Please note that the December 8 meeting is your opportunity to offer comments on specific intersections.

Signal warrants are the framework for analyzing and comparing the need for traffic signal control at intersections. Madison's Priority List is an annual effort to evaluate relative needs for traffic signal control at major un-signalized intersections. While all of the data on the Priority List is valuable, additional factors are also considered and evaluated before decisions to install signals are made. For example, an intersection with volumes somewhat below the minimum volumes to meet a signal warrant may still be a prime candidate for signals if volumes are expected to increase significantly in the immediate future. Conversely, intersections with volumes above the threshold for traffic signals may not be recommended for signals when accident rates or congestion are expected to worsen with signal control.

A copy of the 2021 Traffic Signal Priority List is enclosed along with the detailed descriptions of the signal warrants. A copy of the final 2020 Traffic Signal Priority List can be found at our webpage:

<http://www.cityofmadison.com/trafficEngineering/trafficSignals.cfm>

Jerry Schippa, Traffic Engineer (261-1969), can respond to your questions or comments regarding technical aspects of the priority list.

Sincerely,

Yang Tao, Ph.D., P.E.  
City Traffic Engineer

Enclosures:  
2021 Traffic Signal Priority List, Criteria for Installing Traffic Signals