



**PUBLIC WORKS
WARRANT FOR ALL-WAY STOP CONTROL AND SCHOOL CROSSING
LOCAL ROADS**

DATE: Monday, March 4, 2024
 INTERSECTION: Hunsberger Road and Stuckey Avenue, Michael Myers Road

All-Way Stop Controls may be warranted if one of the following is completely satisfied:		Observed Data	Warrant Fulfillment		
			YES	NO	
<i>Warrant 1</i>	As an interim measure, where traffic control signals are warranted but cannot be implemented immediately.	N/A		X	
<i>Warrant 2</i>	At locations having a high collision frequency where less restrictive measures have been tried and found to be inadequate or impractical. A high collision frequency is 3 collision/year over 3 years.	<i>Number of Collisions</i>		X	
		Year 1- 0 Year 2- 0 Year 3- 0			
<i>Warrant 3</i>	As a means of providing a transition period to accustom drivers to a change in intersection right-of-way control from one direction to another. Installation under this warrant must conform with the Amendment of Intersection Control, discussed under Special Considerations at the end of Section 2.	N/A		X	
<i>Warrant 4</i>	<p>The total vehicle volume on all intersection approaches exceeds 200 vehicles per hour for each of the highest four hours of the day. AND</p> <p>The combined vehicle and pedestrian volume on the minor street exceeds 75 units per hour (all vehicles plus pedestrians wishing to enter the intersection) for each of the same four hours as the total volume AND</p> <p>The volume split does not exceed 70/30 (that is the minor street must not be less than 30% of the total volume entering the intersection) as measured over the entire four hour count period. Volume on the major street is defined as vehicles only. Volume on the minor street includes all vehicles plus any pedestrians wishing to cross the major roadway.</p>	<i>Vehicle Volume</i>		X	
		Major 35 Minor 15			
		<i>Vehicle and Pedestrian Volume</i>			
		Major 68 Minor 25			
		<i>RATIO</i>			
			69 52		
<i>Warrant 5</i>	Sufficient sight distance is not available for traffic exiting the stop-controlled approaches of a two-way stop intersection, based on geometric design requirements.			X	

School Crosswalks may be warranted if one of the following has been satisfied:		Observed Data	Warrant Fulfillment	
			YES	NO
<i>Warrant 1</i>	Volume of unassisted children approximately JK-Gr 6 during the peak hour is greater than 50	18		X
<i>Warrant 2</i>	Number of safe crossing gaps in a 5-minute period is less than 4 (average walking speed 1.1m/s, safe gap time 14 seconds)	>4		X