

# Traffic Operations

## Main St and Cedar Ave Signal Warrant

Study Name :  
Study Date : 07/03/13  
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### Signal Warrants - Summary

#### Major Street Approaches

**Northbound: Main St**  
 Number of Lanes: 1  
 Approach Speed: 0  
 Total Approach Volume: 1,566

**Southbound: Main St**  
 Number of Lanes: 1  
 Approach Speed: 0  
 Total Approach Volume: 1,348

#### Minor Street Approaches

**Eastbound: Cedar St**  
 Number of Lanes: 1  
 Total Approach Volume: 714

**Westbound: Cedar Ave**  
 Number of Lanes: 1  
 Total Approach Volume: 213

#### Warrant Summary (Urban values apply.)

<b>Warrant 1 - Eight Hour Vehicular Volumes</b> .....	<b>Not Satisfied</b>
<b>Warrant 1A - Minimum Vehicular Volume</b> ..... <b>Not Satisfied</b>	
Required volumes reached for 0 hours, 8 are needed	
<b>Warrant 1B - Interruption of Continuous Traffic</b> ..... <b>Not Satisfied</b>	
Required volumes reached for 0 hours, 8 are needed	
<b>Warrant 1 A&amp;B - Combination of Warrants</b> ..... <b>Not Satisfied</b>	
Required volumes reached for 0 hours, 8 are needed	
<b>Warrant 2 - Four Hour Volumes</b> .....	<b>Not Satisfied</b>
Number of hours (0) volumes exceed minimum < minimum required (4).	
<b>Warrant 3 - Peak Hour</b> .....	<b>Not Satisfied</b>
<b>Warrant 3A - Peak Hour Delay</b> ..... <b>Not Satisfied</b>	
Total approach volumes and delays on minor street do not exceed minimums for any hour.	
<b>Warrant 3B - Peak Hour Volumes</b> ..... <b>Not Satisfied</b>	
Volumes do not exceed minimums for any hour.	
<b>Warrant 4 - Pedestrian Volumes</b> .....	<b>Not Satisfied</b>
Required 4 Hr pedestrian volume reached for 0 hour(s) and the single hour volume for 0 hour(s)	
<b>Warrant 5 - School Crossing</b> .....	<b>Not Satisfied</b>
Number of gaps > .0 seconds (0) exceeds the number of minutes in the crossing period (0).	
<b>Warrant 6 - Coordinated Signal System</b> .....	<b>Not Satisfied</b>
No adjacent coordinated signals are present	
<b>Warrant 7 - Crash Experience</b> .....	<b>Not Satisfied</b>
Number of accidents (0) is less than minimum (5). Volume minimums are not met.	
<b>Warrant 8 - Roadway Network</b> .....	<b>Not Satisfied</b>
Major Route conditions not met. No volume requirement met.	

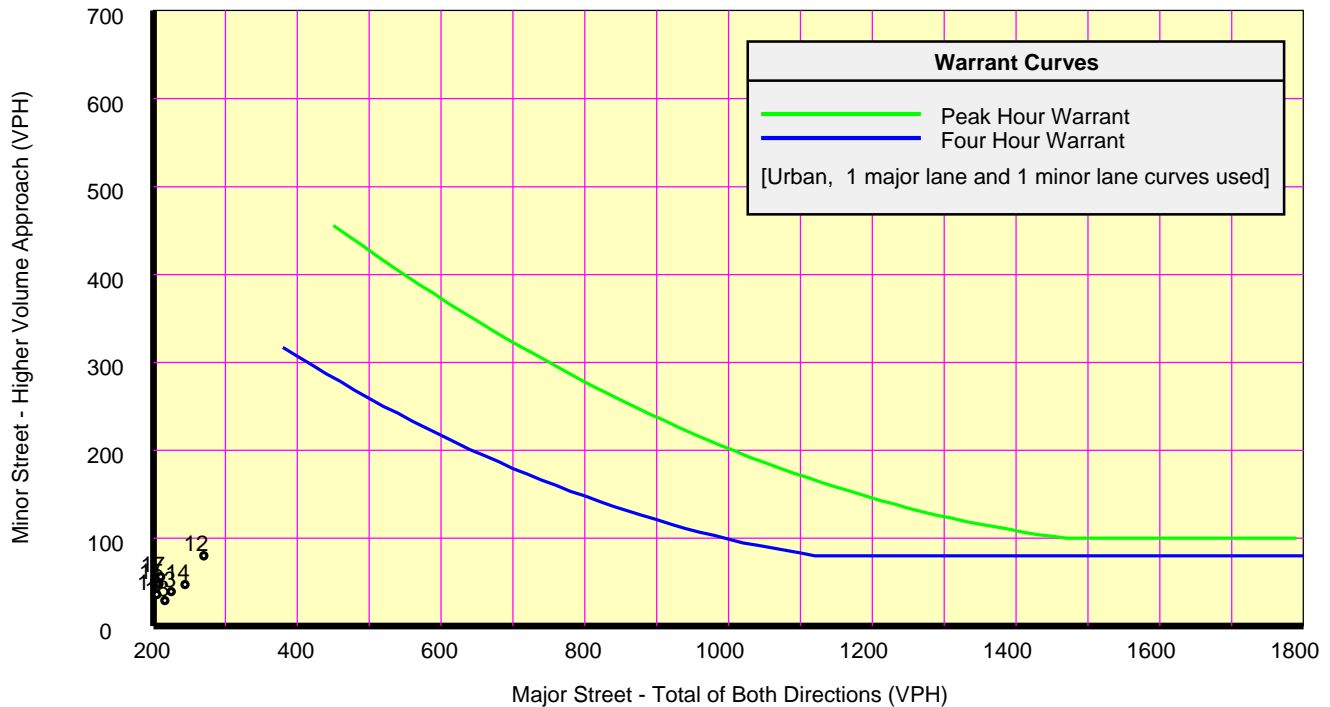
# Traffic Operations

## Main St and Cedar Ave

Signal Warrant

Study Name :  
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### Signal Warrants - Summary



#### Analysis of 8-Hour Volume Warrants:

Hour Begin	Major Total	Higher Minor Vol	Dir	War-1A			War-1B			War-1A&B		
				Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00	33	10	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
01:00	11	6	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
02:00	21	14	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
03:00	8	3	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
04:00	2	3	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
05:00	9	6	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
06:00	19	9	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
07:00	95	16	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
08:00	181	53	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
09:00	157	57	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
10:00	165	30	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
11:00	191	39	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
12:00	270	80	EB	500-No	150-No	---	750-No	75-Yes	Minor	600-No	120-No	---
13:00	225	39	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
14:00	244	47	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
15:00	208	48	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
16:00	205	36	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
17:00	210	56	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
18:00	216	29	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
19:00	115	42	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
20:00	125	29	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
21:00	85	23	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
22:00	61	29	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---
23:00	58	10	EB	500-No	150-No	---	750-No	75-No	---	600-No	120-No	---