



Ohio Department of Transportation District 9

SCI SR 139 & Rosemount Road

WARRANT ANALYSIS: No Reductions Applied

Study Name : SCI 139 and Rosemount Rd Warrant Analysis

Study Date : 11/10/16

GPS : 39.96, -81.01

Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Northbound: SR 139

Number of Lanes: 1
85% Speed < 40 MPH.
Total Approach Volume: 2,922

Southbound: SR 139

Number of Lanes: 1
85% Speed < 40 MPH.
Total Approach Volume: 1,622

Minor Street Approaches

Eastbound: Rosemount Road

Number of Lanes: 1

Total Approach Volume: 1,981

Warrant Summary (Urban values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Not Satisfied
Warrant 1A - Minimum Vehicular Volume Not Satisfied	
Required volumes reached for 0 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic Not Satisfied	
Required volumes reached for 0 hours, 8 are needed	
Warrant 1C - Combination of Warrants Not Satisfied	
Required 1A volumes reached for 5 hours, 8 are needed	
Required 1B volumes reached for 0 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Not Satisfied
Number of hours (1) volumes exceed minimum < minimum required (4).	
Warrant 3 - Peak Hour	Not Satisfied
Warrant 3A - Peak Hour Delay Not Satisfied	
Total approach volumes and delays on minor street do not exceed minimums for any hour.	
Warrant 3B - Peak Hour Volumes Not Satisfied	
Volumes do not exceed minimums for any hour.	
Warrant 4 - Pedestrian Volumes	Not Evaluated
Warrant 5 - School Crossing	Not Evaluated
Warrant 6 - Coordinated Signal System	Not Evaluated
Warrant 7 - Crash Experience	Not Satisfied
Number of accidents (0) is less than minimum (5). Volume minimums are not met.	
Warrant 8 - Roadway Network	Not Evaluated
Warrant 9 - Intersection Near a Grade Crossing	Not Evaluated



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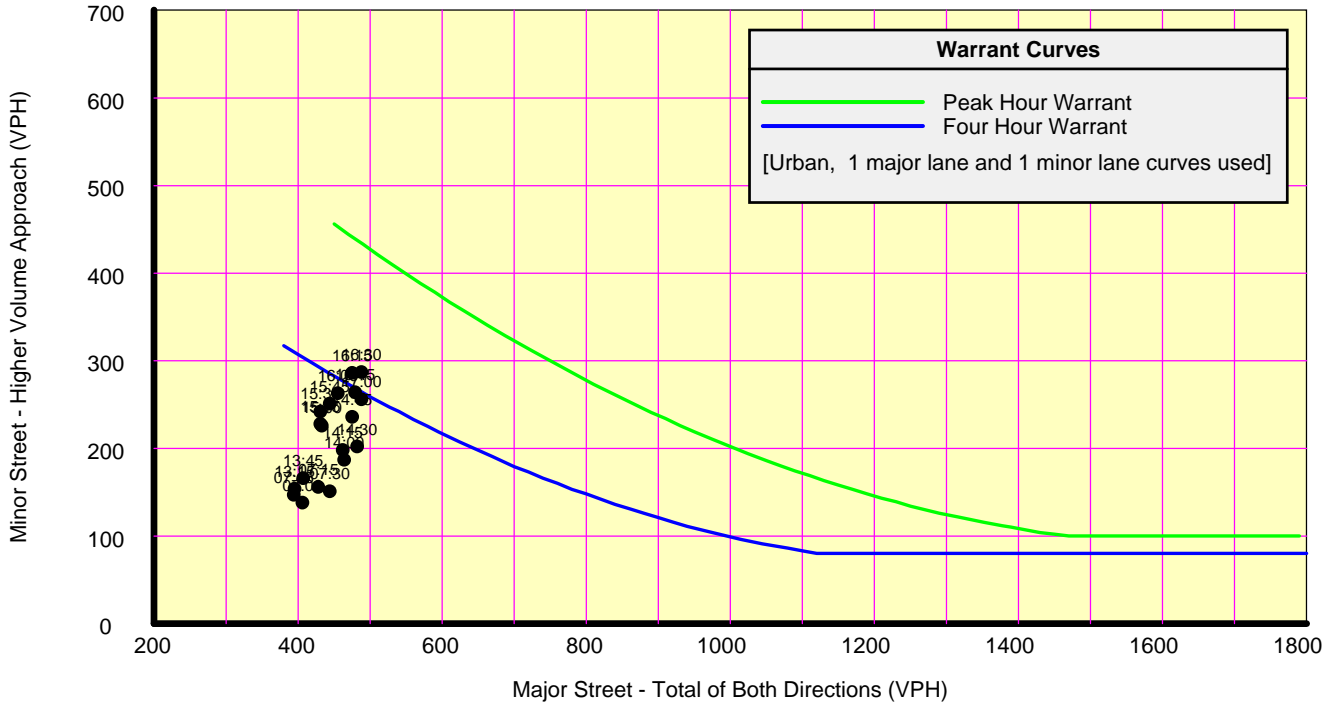
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Page No. : 2

Signal Warrants - Summary



Analysis of 8-Hour Volume Warrants:

War 1A-Minimum Volume

War 1B-Interruption of Traffic

War 1C-Combination of Warrants

Hour Begin	Major Total	Minor Vol Dir	Maj 500	Min 150	Hour Begin	Major Total	Minor Vol Dir	Maj 750	Min 75	Hour Begin	Major Total	Minor Vol Dir	1A Met	1B Met
17:00	488	256 EB	No	Yes	17:00	488	256 EB	No	Yes	16:45	479	264 EB	Yes	No
16:30	488	287 EB	No	Yes	16:30	488	287 EB	No	Yes	14:45	475	236 EB	Yes	No
14:30	482	202 EB	No	Yes	14:30	482	202 EB	No	Yes	15:45	444	251 EB	Yes	No
16:45	479	264 EB	No	Yes	16:45	479	264 EB	No	Yes	13:45	407	166 EB	Yes	No
16:15	475	286 EB	No	Yes	16:15	475	286 EB	No	Yes	07:00	406	138 EB	Yes	No
14:45	475	236 EB	No	Yes	14:45	475	236 EB	No	Yes	17:00	488	256 EB	-	No
14:00	464	187 EB	No	Yes	14:00	464	187 EB	No	Yes	16:30	488	287 EB	-	No
14:15	462	198 EB	No	Yes	14:15	462	198 EB	No	Yes	14:30	482	202 EB	-	No
16:00	455	263 EB	No	Yes	16:00	455	263 EB	No	Yes	16:15	475	286 EB	-	No
15:45	444	251 EB	No	Yes	15:45	444	251 EB	No	Yes	14:00	464	187 EB	-	No
07:30	444	151 EB	No	Yes	07:30	444	151 EB	No	Yes	14:15	462	198 EB	-	No
15:00	433	226 EB	No	Yes	15:00	433	226 EB	No	Yes	16:00	455	263 EB	-	No
15:30	431	242 EB	No	Yes	15:30	431	242 EB	No	Yes	07:30	444	151 EB	-	No
15:15	431	228 EB	No	Yes	15:15	431	228 EB	No	Yes	15:00	433	226 EB	-	No
07:15	428	156 EB	No	Yes	07:15	428	156 EB	No	Yes	15:30	431	242 EB	-	No
13:45	407	166 EB	No	Yes	13:45	407	166 EB	No	Yes	15:15	431	228 EB	-	No
07:00	406	138 EB	No	No	07:00	406	138 EB	No	Yes	07:15	428	156 EB	-	No
13:15	395	154 EB	No	Yes	13:15	395	154 EB	No	Yes	13:15	395	154 EB	No	No
07:45	394	147 EB	No	No	07:45	394	147 EB	No	Yes	07:45	394	147 EB	-	No
13:30	390	152 EB	No	Yes	13:30	390	152 EB	No	Yes	13:30	390	152 EB	No	No
13:00	380	152 EB	No	Yes	13:00	380	152 EB	No	Yes	13:00	380	152 EB	No	No
11:30	378	141 EB	No	No	11:30	378	141 EB	No	Yes	11:30	378	141 EB	No	No
12:45	377	152 EB	No	Yes	12:45	377	152 EB	No	Yes	12:45	377	152 EB	No	No
08:00	374	124 EB	No	No	08:00	374	124 EB	No	Yes	08:00	374	124 EB	No	No