

City of Victorville  
 N/S: Mayflower Street  
 E/W: Dos Palmas Road  
 24 Hour Entering Volume Count

VICMADPNS  
 Site Code: 189-13164F  
 Date Start: 08-May-13  
 Date End: 08-May-13

Start Time	08-May-13 Wed	Northbound		Hour Totals		Hour Totals		Combined Totals			
		Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00		0	6			0	0				
12:15		0	3			0	0				
12:30		0	2			0	0				
12:45		0	4	0	15	0	0	0	0	0	15
01:00		0	5			0	0				
01:15		0	3			0	0				
01:30		0	8			0	0				
01:45		1	8	1	24	0	0	0	0	1	24
02:00		0	4			0	0				
02:15		0	1			0	0				
02:30		0	9			0	0				
02:45		0	7	0	21	0	0	0	0	0	21
03:00		1	2			0	0				
03:15		2	2			0	0				
03:30		0	5			0	0				
03:45		0	5	3	14	0	0	0	0	3	14
04:00		2	5			0	0				
04:15		1	7			0	0				
04:30		1	6			0	0				
04:45		0	4	4	22	0	0	0	0	4	22
05:00		2	4			0	0				
05:15		2	10			0	0				
05:30		5	7			0	0				
05:45		1	6	10	27	0	0	0	0	10	27
06:00		5	9			0	0				
06:15		4	3			0	0				
06:30		2	6			0	0				
06:45		2	1	13	19	0	0	0	0	13	19
07:00		6	4			0	0				
07:15		9	2			0	0				
07:30		9	2			0	0				
07:45		6	4	30	12	0	0	0	0	30	12
08:00		3	3			0	0				
08:15		6	3			0	0				
08:30		8	2			0	0				
08:45		2	2	19	10	0	0	0	0	19	10
09:00		6	0			0	0				
09:15		5	3			0	0				
09:30		3	2			0	0				
09:45		6	0	20	5	0	0	0	0	20	5
10:00		5	1			0	0				
10:15		4	2			0	0				
10:30		2	3			0	0				
10:45		4	0	15	6	0	0	0	0	15	6
11:00		3	2			0	0				
11:15		2	0			0	0				
11:30		0	0			0	0				
11:45		2	1	7	3	0	0	0	0	7	3
Total		122	178	122	178	0	0	0	0	122	178
Combined Total		300		300		0		0		300	
AM Peak		07:00									
Vol.		30									
P.H.F.		0.833									
PM Peak			05:15								
Vol.			32								
P.H.F.			0.800								
Percentage		40.7%	59.3%			0.0%	0.0%				
ADT/AADT		ADT 300		AADT 300							

**Counts Unlimited, Inc**  
(951) 268-6268

**Multi-Way Stop Warrant Report**

**Major Street Approaches**

**Eastbound: Dos Palmas Road**  
Total Approach Volume: **1,178**  
85% Speed < 40 MPH.

**Westbound: Dos Palmas Road**  
Total Approach Volume: **1,826**  
85% Speed < 40 MPH.

**Minor Street Approaches**

**Northbound: Mesa Linda Avenue**  
Total Approach Volume: **1,025**

**Southbound: Mesa Linda Avenue**  
Total Approach Volume: **421**

**Warrant Summary**

- Criteria A - Interim Measure** ..... **Not Evaluated**  
If traffic signals are justified, stop signs can be installed as an interim measure.
- Criteria B - Crash Experience** ..... **Not Satisfied**  
Number of crashes (0) is less than the minimum required (5).
- Criteria C - Minimum Volumes and Delays** ..... **Not Satisfied**  
Delay data not evaluated  
Average of 8 highest hours does not meet volume criteria.
- Criteria D - 80% of Volumes, Delays, and Crashes** ..... **Not Satisfied**  
Delay data not evaluated  
Number of crashes (0) is less than the minimum required (4).  
Average of 8 highest hours does not meet volume criteria.

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

Time	Major Total	Major Avg	Minor Total	Minor Avg	Crit C			Crit D		
					Major	Minor	Meets?	Major	Minor	Meets?
07:00 - 08:00	319	230.8	242	112.8	300-No	200-No	No	240-No	160-No	No
13:00 - 14:00	268		181							
14:00 - 15:00	240		88							
17:00 - 18:00	230		69							
15:00 - 16:00	215		81							
16:00 - 17:00	214		88							
18:00 - 19:00	194		77							
08:00 - 09:00	166		76							
19:00 - 20:00	151		80							
20:00 - 21:00	140		42							
21:00 - 22:00	139		29							
12:00 - 13:00	136		55							
11:00 - 12:00	115		53							
09:00 - 10:00	107		56							
10:00 - 11:00	89		61							
06:00 - 07:00	82		67							
22:00 - 23:00	64		18							
05:00 - 06:00	37		31							
23:00 - 00:00	31		18							
04:00 - 05:00	26		13							
01:00 - 02:00	13		3							
00:00 - 01:00	13		7							
03:00 - 04:00	10		10							
02:00 - 03:00	5		1							





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**Signal Warrants - Summary**

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**Major Street Approaches**

**Eastbound: Mojave Drive**

Number of Lanes: 2  
85% Speed > 40 MPH.  
Total Approach Volume: **8,171**

**Westbound: Mojave Drive**

Number of Lanes: 2  
85% Speed > 40 MPH.  
Total Approach Volume: **9,235**

**Minor Street Approaches**

**Northbound: East Trail**

Number of Lanes: 2  
  
Total Approach Volume: **1,056**

**Southbound: East Trail**

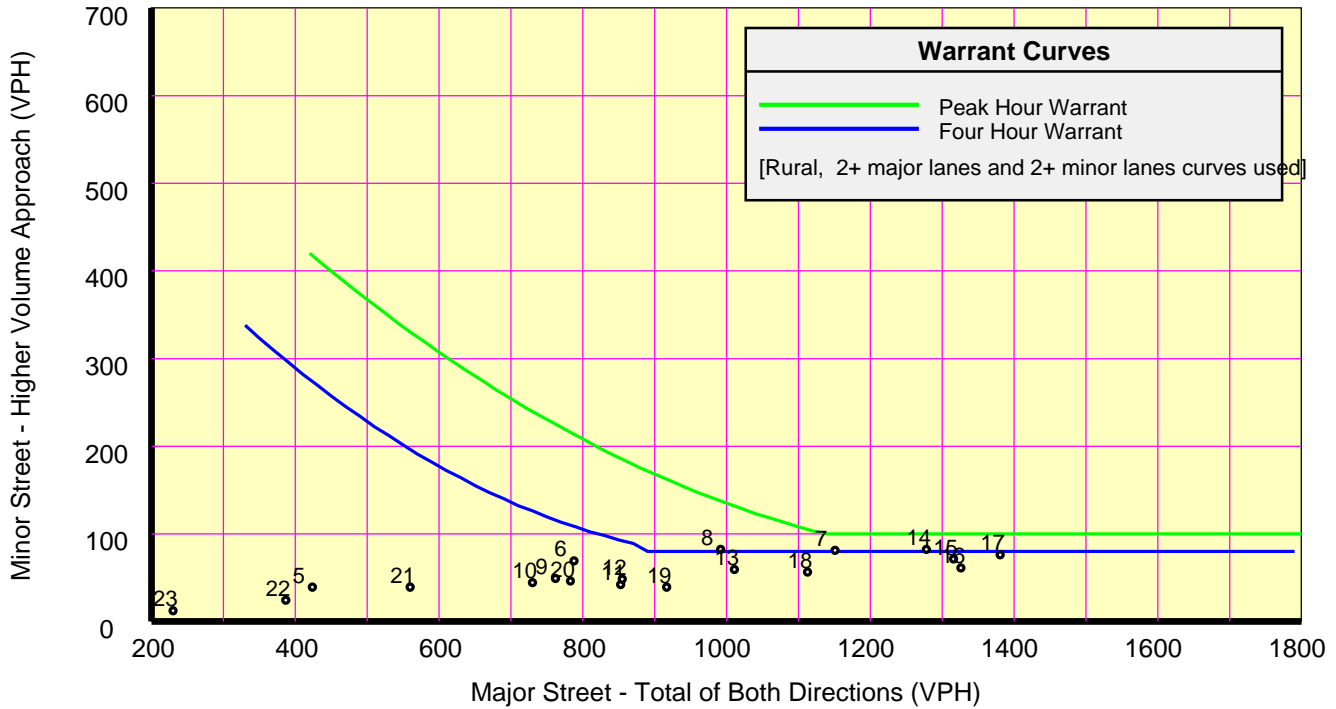
Number of Lanes: 2  
  
Total Approach Volume: **0**

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**Warrant Summary** (Rural 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 5 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>Satisfied</b>
Number of hours (4) volumes exceed minimum < minimum required (4).	
<b>Warrant 3 - Peak Hour</b> .....	<b>Satisfied</b>
<b>Warrant 3A - Peak Hour Delay</b> ..... <b>Not Satisfied</b>	
Approach volumes on minor street don't exceed minimums for any hour. Delay data not evaluated.	
<b>Warrant 3B - Peak Hour Volumes</b> ..... <b>Satisfied</b>	
Volumes exceed minimums for at least one hour.	
<b>Warrant 4 - Pedestrian Volumes</b> .....	<b>Not Evaluated</b>
<b>Warrant 5 - School Crossing</b> .....	<b>Not Evaluated</b>
<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 met.	
<b>Warrant 8 - Roadway Network</b> .....	<b>Not Satisfied</b>
Major Route conditions not met. One or more volume requirement met.	
<b>Warrant 9 - Intersection Near a Grade Crossing</b> .....	<b>Not Evaluated</b>

**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 420	Min 140	Hour Begin	Major Total	Minor Vol	Dir	Maj 630	Min 70	Hour Begin	Major Total	Minor Vol	Dir	Maj 504	Min 112
16:45	1,435	83	NB	Yes	No	16:30	1,426	79	NB	Yes	Yes	16:45	1,435	83	NB	Yes	No
16:30	1,426	79	NB	Yes	No	15:00	1,316	71	NB	Yes	Yes	16:30	1,426	79	NB	Yes	No
16:15	1,399	65	NB	Yes	No	14:00	1,278	82	NB	Yes	Yes	16:15	1,399	65	NB	Yes	No
17:00	1,381	76	NB	Yes	No	07:15	1,243	92	NB	Yes	Yes	17:00	1,381	76	NB	Yes	No
14:30	1,344	84	NB	Yes	No	06:15	890	77	NB	Yes	Yes	14:30	1,344	84	NB	Yes	No
16:00	1,326	61	NB	Yes	No	16:15	1,399	65	NB	Yes	No	16:00	1,326	61	NB	Yes	No
15:30	1,324	59	NB	Yes	No	16:00	1,326	61	NB	Yes	No	15:30	1,324	59	NB	Yes	No
15:15	1,323	67	NB	Yes	No	17:30	1,223	67	NB	Yes	No	15:15	1,323	67	NB	Yes	No
14:45	1,319	82	NB	Yes	No	13:45	1,193	67	NB	Yes	No	14:45	1,319	82	NB	Yes	No
14:15	1,319	80	NB	Yes	No	17:45	1,164	57	NB	Yes	No	14:15	1,319	80	NB	Yes	No
15:45	1,316	59	NB	Yes	No	13:30	1,117	63	NB	Yes	No	15:45	1,316	59	NB	Yes	No
15:00	1,316	71	NB	Yes	No	18:00	1,113	56	NB	Yes	No	15:00	1,316	71	NB	Yes	No
14:00	1,278	82	NB	Yes	No	13:15	1,073	67	NB	Yes	No	14:00	1,278	82	NB	Yes	No
17:15	1,266	75	NB	Yes	No	18:15	1,053	56	NB	Yes	No	17:15	1,266	75	NB	Yes	No
07:30	1,251	105	NB	Yes	No	13:00	1,011	59	NB	Yes	No	07:30	1,251	105	NB	Yes	No
07:15	1,243	92	NB	Yes	No	18:30	996	49	NB	Yes	No	07:15	1,243	92	NB	Yes	No
17:30	1,223	67	NB	Yes	No	18:45	951	46	NB	Yes	No	17:30	1,223	67	NB	Yes	No
13:45	1,193	67	NB	Yes	No	12:45	940	55	NB	Yes	No	13:45	1,193	67	NB	Yes	No
17:45	1,164	57	NB	Yes	No	19:00	917	39	NB	Yes	No	17:45	1,164	57	NB	Yes	No
07:45	1,156	93	NB	Yes	No	19:15	899	34	NB	Yes	No	07:45	1,156	93	NB	Yes	No
07:00	1,151	81	NB	Yes	No	11:30	880	48	NB	Yes	No	07:00	1,151	81	NB	Yes	No
13:30	1,117	63	NB	Yes	No	19:30	875	42	NB	Yes	No	13:30	1,117	63	NB	Yes	No
18:00	1,113	56	NB	Yes	No	12:30	868	51	NB	Yes	No	18:00	1,113	56	NB	Yes	No
13:15	1,073	67	NB	Yes	No	11:45	867	45	NB	Yes	No	13:15	1,073	67	NB	Yes	No







**Counts Unlimited, Inc**  
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**Signal Warrants - Summary**

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**Major Street Approaches**

**Eastbound: Nisqualli Road**  
 Number of Lanes: 2  
 85% Speed > 40 MPH.  
 Total Approach Volume: **5,220**

**Westbound: Nisqualli Road**  
 Number of Lanes: 2  
 85% Speed > 40 MPH.  
 Total Approach Volume: **4,392**

**Minor Street Approaches**

**Northbound: First Avenue**  
 Number of Lanes: 1  
  
 Total Approach Volume: **1,503**

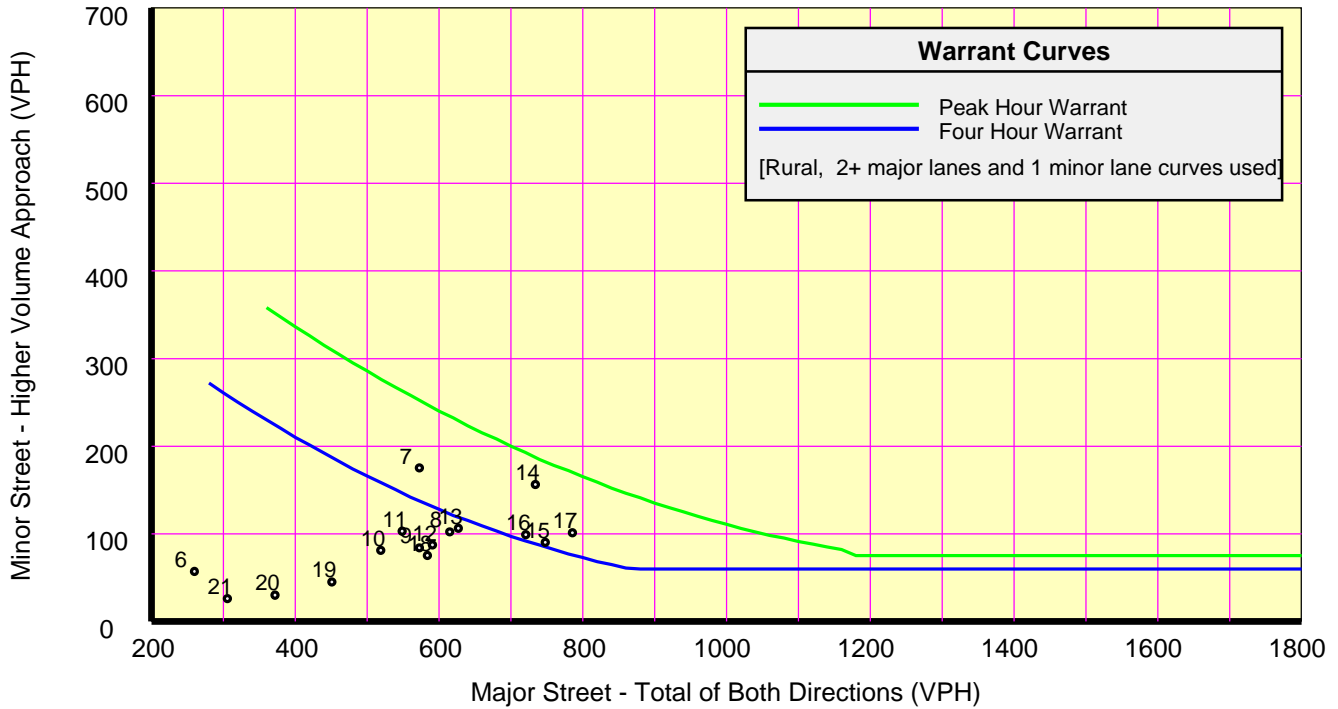
**Southbound: First Avenue**  
 Number of Lanes: 1  
  
 Total Approach Volume: **353**

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**Warrant Summary** (Rural values apply.)

<b>Warrant 1 - Eight Hour Vehicular Volumes</b> .....	<b>Satisfied</b>
<b>Warrant 1A - Minimum Vehicular Volume</b> ..... <b>Not Satisfied</b>	
Required volumes reached for 5 hours, 8 are needed	
<b>Warrant 1B - Interruption of Continuous Traffic</b> ..... <b>Not Satisfied</b>	
Required volumes reached for 6 hours, 8 are needed	
<b>Warrant 1 A&amp;B - Combination of Warrants</b> ..... <b>Satisfied</b>	
Required volumes reached for 11 hours, 8 are needed	
<b>Warrant 2 - Four Hour Volumes</b> .....	<b>Satisfied</b>
Number of hours (6) volumes exceed minimum < minimum required (4).	
<b>Warrant 3 - Peak Hour</b> .....	<b>Satisfied</b>
<b>Warrant 3A - Peak Hour Delay</b> ..... <b>Satisfied</b>	
Number of hours (11) volumes exceed minimum >= required (1). Delay data not evaluated.	
<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 Evaluated</b>
<b>Warrant 5 - School Crossing</b> .....	<b>Not Evaluated</b>
<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 met.	
<b>Warrant 8 - Roadway Network</b> .....	<b>Not Satisfied</b>
Major Route conditions not met. No volume requirement met.	
<b>Warrant 9 - Intersection Near a Grade Crossing</b> .....	<b>Not Evaluated</b>

**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 420	Min 105	Hour Begin	Major Total	Minor Vol	Dir	Maj 630	Min 53	Hour Begin	Major Total	Minor Vol	Dir	Maj 504	Min 84
14:00	734	156	NB	Yes	Yes	16:15	756	98	NB	Yes	Yes	16:15	756	98	NB	Yes	Yes
07:45	666	108	NB	Yes	Yes	15:15	753	97	NB	Yes	Yes	15:15	753	97	NB	Yes	Yes
13:00	627	106	NB	Yes	Yes	17:15	740	100	NB	Yes	Yes	17:15	740	100	NB	Yes	Yes
10:15	507	105	NB	Yes	Yes	14:15	723	100	NB	Yes	Yes	14:15	723	100	NB	Yes	Yes
06:45	488	169	NB	Yes	Yes	13:15	659	161	NB	Yes	Yes	13:15	659	161	NB	Yes	Yes
17:00	786	101	NB	Yes	No	07:15	639	185	NB	Yes	Yes	08:00	615	102	NB	Yes	Yes
16:45	784	101	NB	Yes	No	13:00	627	106	NB	No	Yes	11:15	592	84	NB	Yes	Yes
16:30	782	102	NB	Yes	No	11:45	605	82	NB	No	Yes	12:15	584	89	NB	Yes	Yes
16:15	756	98	NB	Yes	No	12:30	595	99	NB	No	Yes	09:00	573	84	NB	Yes	Yes
15:15	753	97	NB	Yes	No	11:30	595	86	NB	No	Yes	07:00	573	175	NB	Yes	Yes
15:00	748	90	NB	Yes	No	11:15	592	84	NB	No	Yes	10:15	507	105	NB	Yes	Yes
15:30	744	90	NB	Yes	No	12:00	591	87	NB	No	Yes	18:15	537	61	NB	Yes	No
17:15	740	100	NB	Yes	No	12:45	588	100	NB	No	Yes	10:00	519	81	NB	Yes	No
15:45	733	92	NB	Yes	No	08:15	586	85	NB	No	Yes	18:30	490	54	NB	No	No
16:00	721	99	NB	Yes	No	12:15	584	89	NB	No	Yes	06:45	488	169	NB	No	Yes
17:30	664	95	NB	Yes	No	09:00	573	84	NB	No	Yes	18:45	469	44	NB	No	No
17:45	638	87	NB	Yes	No	07:00	573	175	NB	No	Yes	19:00	451	45	NB	No	No
11:45	605	82	NB	Yes	No	08:30	569	83	NB	No	Yes	19:30	437	36	NB	No	No
12:30	595	99	NB	Yes	No	08:45	568	82	NB	No	Yes	19:15	436	41	NB	No	No
11:30	595	86	NB	Yes	No	09:15	564	83	NB	No	Yes	19:45	396	32	NB	No	No
11:15	592	84	NB	Yes	No	11:00	549	103	NB	No	Yes	06:30	385	101	NB	No	Yes
12:00	591	87	NB	Yes	No	09:30	549	91	NB	No	Yes	20:00	372	30	NB	No	No
12:45	588	100	NB	Yes	No	18:15	537	61	NB	No	Yes	20:15	363	30	NB	No	No
18:00	584	75	NB	Yes	No	09:45	529	91	NB	No	Yes	20:30	360	28	NB	No	No





**Counts Unlimited, Inc**  
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**Multi-Way Stop Warrant Report**

**Major Street Approaches**

**Eastbound: Dos Palmas Road**  
Total Approach Volume: **1,803**  
85% Speed < 40 MPH.

**Westbound: Dos Palmas Road**  
Total Approach Volume: **1,736**  
85% Speed < 40 MPH.

**Minor Street Approaches**

**Northbound: Mayflower Street**  
Total Approach Volume: **300**

**Warrant Summary**

- Criteria A - Interim Measure** ..... **Not Evaluated**  
If traffic signals are justified, stop signs can be installed as an interim measure.
- Criteria B - Crash Experience** ..... **Not Satisfied**  
Number of crashes (0) is less than the minimum required (5).
- Criteria C - Minimum Volumes and Delays** ..... **Not Satisfied**  
Delay data not evaluated  
Average of 8 highest hours does not meet volume criteria.
- Criteria D - 80% of Volumes, Delays, and Crashes** ..... **Not Satisfied**  
Delay data not evaluated  
Number of crashes (0) is less than the minimum required (4).  
Average of 8 highest hours does not meet volume criteria.

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

Time	Major		Minor		Crit C			Crit D		
	Total	Avg	Total	Avg	Major	Minor	Meets?	Major	Minor	Meets?
07:00 - 08:00	444	276.5	30	22.0	300-No	200-No	No	240-Yes	160-No	Major
13:00 - 14:00	338		24							
17:00 - 18:00	265		27							
14:00 - 15:00	259		21							
16:00 - 17:00	238		22							
18:00 - 19:00	225		19							
15:00 - 16:00	224		14							
08:00 - 09:00	219		19							
19:00 - 20:00	181		12							
21:00 - 22:00	155		5							
20:00 - 21:00	154		10							
09:00 - 10:00	139		20							
12:00 - 13:00	135		15							
11:00 - 12:00	127		7							
10:00 - 11:00	108		15							
06:00 - 07:00	104		13							
22:00 - 23:00	70		6							
05:00 - 06:00	44		10							
23:00 - 00:00	43		3							
04:00 - 05:00	25		4							
00:00 - 01:00	16		0							
01:00 - 02:00	12		1							
03:00 - 04:00	7		3							
02:00 - 03:00	7		0							

