

City Of McAllen

Traffic Operations

8th Street and Orange Avenue 4-Way Stop Warrant

Study Name : 8th St & Orange Avenue 2013 All Way Stop

Warrant

Study Date : 01/14/14

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: Orange Avenue

Total Approach Volume: **491**
Approach Speed: **30**

Westbound: Orange Avenue

Total Approach Volume: **293**
Approach Speed: **30**

Minor Street Approaches

Northbound: 8th Street

Total Approach Volume: **125**

Southbound: 8th Street

Total Approach Volume: **447**

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
Required volumes reached for 0 hours, 8 are needed

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).
Required volumes reached for 0 hours, 8 are needed

Analysis of 8-Hour Volume Warrants:

Time	Major	Minor	Crit C			Crit D		
	Total	Total	Major	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00 - 01:00	3	5	300-No	200-No	No	240-No	160-No	No
01:00 - 02:00	0	2	300-No	200-No	No	240-No	160-No	No
02:00 - 03:00	4	0	300-No	200-No	No	240-No	160-No	No
03:00 - 04:00	0	0	300-No	200-No	No	240-No	160-No	No
04:00 - 05:00	0	0	300-No	200-No	No	240-No	160-No	No
05:00 - 06:00	9	6	300-No	200-No	No	240-No	160-No	No
06:00 - 07:00	8	3	300-No	200-No	No	240-No	160-No	No
07:00 - 08:00	52	21	300-No	200-No	No	240-No	160-No	No
08:00 - 09:00	38	25	300-No	200-No	No	240-No	160-No	No
09:00 - 10:00	48	18	300-No	200-No	No	240-No	160-No	No
10:00 - 11:00	28	40	300-No	200-No	No	240-No	160-No	No
11:00 - 12:00	35	24	300-No	200-No	No	240-No	160-No	No
12:00 - 13:00	72	45	300-No	200-No	No	240-No	160-No	No
13:00 - 14:00	51	32	300-No	200-No	No	240-No	160-No	No
14:00 - 15:00	43	40	300-No	200-No	No	240-No	160-No	No
15:00 - 16:00	37	37	300-No	200-No	No	240-No	160-No	No
16:00 - 17:00	62	50	300-No	200-No	No	240-No	160-No	No
17:00 - 18:00	65	85	300-No	200-No	No	240-No	160-No	No
18:00 - 19:00	71	44	300-No	200-No	No	240-No	160-No	No
19:00 - 20:00	46	28	300-No	200-No	No	240-No	160-No	No
20:00 - 21:00	39	31	300-No	200-No	No	240-No	160-No	No
21:00 - 22:00	31	15	300-No	200-No	No	240-No	160-No	No
22:00 - 23:00	22	11	300-No	200-No	No	240-No	160-No	No
23:00 - 00:00	20	10	300-No	200-No	No	240-No	160-No	No