

City Of McAllen

Traffic Operations

Rose Ellen & Dallas Avenue 4-Way Stop Warrant

Study Name : RoseEllen & Dallas All Way Stop Warrant 2013

Study Date : 01/14/14

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: Dallas

Total Approach Volume: 543

Approach Speed: 30

Westbound: Dallas

Total Approach Volume: 689

Approach Speed: 30

Minor Street Approaches

Northbound: Rose Ellen

Total Approach Volume: 111

Southbound: Rose Ellen

Total Approach Volume: 272

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	5	6	300-No	200-No	No	240-No	160-No	No
01:00 - 02:00	2	0	300-No	200-No	No	240-No	160-No	No
02:00 - 03:00	6	0	300-No	200-No	No	240-No	160-No	No
03:00 - 04:00	4	0	300-No	200-No	No	240-No	160-No	No
04:00 - 05:00	6	1	300-No	200-No	No	240-No	160-No	No
05:00 - 06:00	9	4	300-No	200-No	No	240-No	160-No	No
06:00 - 07:00	28	4	300-No	200-No	No	240-No	160-No	No
07:00 - 08:00	74	10	300-No	200-No	No	240-No	160-No	No
08:00 - 09:00	78	20	300-No	200-No	No	240-No	160-No	No
09:00 - 10:00	61	41	300-No	200-No	No	240-No	160-No	No
10:00 - 11:00	86	26	300-No	200-No	No	240-No	160-No	No
11:00 - 12:00	89	39	300-No	200-No	No	240-No	160-No	No
12:00 - 13:00	93	16	300-No	200-No	No	240-No	160-No	No
13:00 - 14:00	88	24	300-No	200-No	No	240-No	160-No	No
14:00 - 15:00	101	23	300-No	200-No	No	240-No	160-No	No
15:00 - 16:00	75	42	300-No	200-No	No	240-No	160-No	No
16:00 - 17:00	98	27	300-No	200-No	No	240-No	160-No	No
17:00 - 18:00	99	30	300-No	200-No	No	240-No	160-No	No
18:00 - 19:00	65	22	300-No	200-No	No	240-No	160-No	No
19:00 - 20:00	68	22	300-No	200-No	No	240-No	160-No	No
20:00 - 21:00	40	9	300-No	200-No	No	240-No	160-No	No
21:00 - 22:00	20	8	300-No	200-No	No	240-No	160-No	No
22:00 - 23:00	23	1	300-No	200-No	No	240-No	160-No	No
23:00 - 00:00	14	8	300-No	200-No	No	240-No	160-No	No