

# City of McAllen

## Traffic Operations Department

Study Name : N. 25th St & Arroyo Ave  
Study Date : 04/26/13

### Multi-Way Stop Warrant Report

#### Major Street Approaches

**Northbound: N. 25th Street**  
Total Approach Volume: **258**  
Approach Speed: **19**

**Southbound: N. 25th Street**  
Total Approach Volume: **234**  
Approach Speed: **20**

#### Minor Street Approaches

**Eastbound: Arroyo Avenue**  
Total Approach Volume: **246**

**Westbound: Arroyo Avenue**  
Total Approach Volume: **164**

#### 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	0	0	300-No	200-No	No	240-No	160-No	No
01:00 - 02:00	1	0	300-No	200-No	No	240-No	160-No	No
02:00 - 03:00	2	3	300-No	200-No	No	240-No	160-No	No
03:00 - 04:00	1	0	300-No	200-No	No	240-No	160-No	No
04:00 - 05:00	4	0	300-No	200-No	No	240-No	160-No	No
05:00 - 06:00	8	1	300-No	200-No	No	240-No	160-No	No
06:00 - 07:00	31	12	300-No	200-No	No	240-No	160-No	No
07:00 - 08:00	35	15	300-No	200-No	No	240-No	160-No	No
08:00 - 09:00	29	32	300-No	200-No	No	240-No	160-No	No
09:00 - 10:00	30	17	300-No	200-No	No	240-No	160-No	No
10:00 - 11:00	17	19	300-No	200-No	No	240-No	160-No	No
11:00 - 12:00	22	29	300-No	200-No	No	240-No	160-No	No
12:00 - 13:00	15	12	300-No	200-No	No	240-No	160-No	No
13:00 - 14:00	27	14	300-No	200-No	No	240-No	160-No	No
14:00 - 15:00	21	23	300-No	200-No	No	240-No	160-No	No
15:00 - 16:00	44	22	300-No	200-No	No	240-No	160-No	No
16:00 - 17:00	41	29	300-No	200-No	No	240-No	160-No	No
17:00 - 18:00	38	31	300-No	200-No	No	240-No	160-No	No
18:00 - 19:00	38	44	300-No	200-No	No	240-No	160-No	No
19:00 - 20:00	51	48	300-No	200-No	No	240-No	160-No	No
20:00 - 21:00	10	18	300-No	200-No	No	240-No	160-No	No
21:00 - 22:00	15	21	300-No	200-No	No	240-No	160-No	No
22:00 - 23:00	9	16	300-No	200-No	No	240-No	160-No	No
23:00 - 00:00	3	4	300-No	200-No	No	240-No	160-No	No