

Rosedale Traffic Calming Study

Traffic Volume and Speed Data

In May counts were done within the study area to determine the ranking. In November additional counts were done to make sure the possible trouble spots were looked at. There is a spreadsheet which lists all of the count locations, 85th percentile speed by direction, and traffic volumes by direction and hour of the day.

The 85th percentile speed is typically utilized by engineers as a reasonable speed. It is assumed that 15% may not be driving prudently. An average speed does not provide much information about the fastest drivers, you could have two streets with an average speed the same. On one street it is because everyone drives the same speed and on the other there are a few very slow cars and a few very fast. Their averages could be equal, but the impact to the adjacent residences would be significantly different.

General traffic notes

86% of the traffic at the count locations was from 7 am to 7 pm

12% were in the highest hour from 5 to 6 in the evening

9% was the next highest hour, which was from 4 to 5

The rate of traffic was fairly steady from 7 am to 8 pm, varying from 5% to 8%

Highest Volume Locations

1. 3901 Medical Parkway	8163 vehicles per day
2. 4105 Medical Parkway	7651 vehicles per day
3. 3900 Shoal Creek	4880 vehicles per day
4. 4604 Shoal Creek	3942 vehicles per day
5. 4910 Shoal Creek.	3556 vehicles per day
6. 1010 W. 40 th .	1979 vehicles per day
7. 1015 W. 39 th ½	1638 vehicles per day
8. 1200 W. 40 th	1322 vehicles per day
9. 1605 W. 40 th	856 vehicles per day
10. 1402 W. 39 th ½	789 vehicles per day

Highest 85th Percentile Speed Locations

1. 3900 Shoal Creek	39.3 mph
2. 4910 Shoal Creek	36.6 mph
3. 4604 Shoal Creek	36.1 mph
4. 4105 Medical Parkway	33.3 mph
5. 3901 Medical Parkway	32.3 mph
6. 1402 W 39 th ½ .	31.1 mph
7. 2206 W 49 th	30.0 mph
8. 1605 W. 40 th	29.5 mph
9. 4608 Ramsey	29.0 mph
10. 1200 W. 40 th	27.4 mph

Highest Combination of Speed and Volume

1. 3900 Shoal Creek	17 points
2. 4910 Shoal Creek	14 points
3. 4604 Shoal Creek.	13 points
4. 4105 Medical Parkway	12 points
5. 3901 Medical Parkway	11 points
6. 1402 W. 39 th ½	8 points
7. 1605 W. 40 th	7 points
8. 2206 W. 49 th	7 points
9. 4608 Ramsey	5 points
10. 1200 W. 40 th	5 points
