

2008 City Traffic Counts

Weather: Fair

Count By: BC/JF

GPS Point #:884

Eastbound, Westbound

City of Rochester Hills  
 Department of Public Services  
 1000 Rochester Hills Drive  
 Rochester Hills, MI, 48309 Phone (248) 656-4640

Page 1  
 Marketplace Circle #2  
 Midpoint Bet. Adams Intersections  
 Station ID: Speed Study  
 Date Start: 28-May-08  
 Marketplace Circle Speed#2  
 Site Code: 00000000884

Start Time	1	21	23	25	27	29	31	33	35	37	39	41	43	45	Total	85th Percent	95th Percent
	20	22	24	26	28	30	32	34	36	38	40	42	44	999			
05/28/08	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
01:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
02:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
03:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
04:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
05:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
06:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
07:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	0	1	2	2	1	0	0	0	1	1	0	0	0	1	9	37	45
16:00	0	0	0	1	1	1	4	1	1	2	0	0	0	2	13	38	45
17:00	1	0	0	0	2	4	2	0	4	1	0	0	0	0	14	36	36
18:00	0	0	1	1	2	0	8	3	2	3	0	0	0	0	20	36	37
19:00	1	0	1	0	0	3	7	1	1	0	0	0	0	0	14	32	34
20:00	0	0	2	1	3	0	1	0	1	0	0	0	0	0	8	31	35
21:00	0	1	0	3	0	3	1	1	1	0	1	0	0	0	11	34	35
22:00	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	25	25
23:00	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	27	27
<b>Total</b>	2	3	6	10	10	11	23	6	11	7	1	0	0	3	93		
Percent	2.2%	3.2%	6.5%	10.8%	10.8%	11.8%	24.7%	6.5%	11.8%	7.5%	1.1%	0.0%	0.0%	3.2%			
AM Peak Vol.																	
PM Peak Vol.	17:00	15:00	15:00	21:00	20:00	17:00	18:00	18:00	17:00	18:00	21:00			16:00	18:00		
	1	1	2	3	3	4	8	3	4	3	1			2	20		

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Start Time	1 20	21 22	23 24	25 26	27 28	29 30	31 32	33 34	35 36	37 38	39 40	41 42	43 44	45 999	Total	85th Percent	95th Percent
05/29/08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
02:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29	29
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	1	0	0	2	1	0	0	0	0	0	4	34	35
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
08:00	0	2	0	0	0	2	1	0	1	0	0	0	0	0	6	31	35
09:00	1	0	1	3	0	0	0	0	1	0	0	0	0	0	6	26	35
10:00	0	0	0	1	0	1	1	1	0	1	0	0	0	0	5	33	37
11:00	0	2	1	3	3	3	2	4	2	1	0	0	0	0	21	34	36
12 PM	0	1	1	4	3	6	4	1	3	1	1	0	1	0	26	35	39
13:00	0	0	0	2	3	2	6	2	1	0	0	0	0	0	16	33	34
14:00	0	0	1	3	0	1	1	1	1	0	0	0	0	0	8	34	35
15:00	2	0	0	1	2	4	1	0	1	0	0	0	0	0	11	30	31
16:00	0	0	2	0	3	2	3	0	1	0	1	0	0	0	12	32	35
17:00	0	0	1	6	1	1	1	0	2	0	0	0	0	0	12	31	35
18:00	1	0	1	1	4	1	6	1	1	0	0	0	0	0	16	32	34
19:00	0	0	1	2	0	1	2	1	5	0	0	0	0	0	12	35	36
20:00	0	0	2	1	0	1	2	0	0	2	0	0	0	0	8	37	38
21:00	0	0	0	0	1	0	1	1	0	0	0	0	0	0	3	33	33
22:00	0	0	0	2	1	2	0	1	0	0	0	0	0	0	6	30	33
23:00	0	0	1	1	1	1	0	0	0	0	0	0	0	0	4	28	29
<b>Total</b>	<b>4</b>	<b>5</b>	<b>12</b>	<b>30</b>	<b>23</b>	<b>29</b>	<b>31</b>	<b>15</b>	<b>20</b>	<b>5</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>177</b>		
<b>Percent</b>	<b>2.3%</b>	<b>2.8%</b>	<b>6.8%</b>	<b>16.9%</b>	<b>13.0%</b>	<b>16.4%</b>	<b>17.5%</b>	<b>8.5%</b>	<b>11.3%</b>	<b>2.8%</b>	<b>1.1%</b>	<b>0.0%</b>	<b>0.6%</b>	<b>0.0%</b>			
AM Peak	09:00	08:00	09:00	09:00	11:00	11:00	11:00	11:00	11:00	10:00					11:00		
Vol.	1	2	1	3	3	3	2	4	2	1					21		
PM Peak	15:00	12:00	16:00	17:00	18:00	12:00	13:00	13:00	19:00	20:00	12:00		12:00		12:00		
Vol.	2	1	2	6	4	6	6	2	5	2	1		1		26		

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Start Time	1 20	21 22	23 24	25 26	27 28	29 30	31 32	33 34	35 36	37 38	39 40	41 42	43 44	45 999	Total	85th Percent	95th Percent
05/30/08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
01:00	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	31	31
02:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
03:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
04:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
05:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	*	*
06:00	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	29	29
07:00	0	2	1	1	0	3	0	0	0	0	0	0	0	0	7	29	30
08:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
09:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
11:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12 PM	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
13:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
14:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
16:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
17:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
18:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
19:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
20:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
21:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23:00	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Total	0	2	1	2	0	4	1	0	0	0	0	0	0	0	10		
Percent	0.0%	20.0%	10.0%	20.0%	0.0%	40.0%	10.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%			
AM Peak Vol.		07:00 2	07:00 1	01:00 1		07:00 3	01:00 1								07:00 7		
PM Peak Vol.																	
Grand Total	6	10	19	42	33	44	55	21	31	12	3	0	1	3	280		
Percent	2.1%	3.6%	6.8%	15.0%	11.8%	15.7%	19.6%	7.5%	11.1%	4.3%	1.1%	0.0%	0.4%	1.1%			

15th Percentile : 25 MPH  
 50th Percentile : 30 MPH  
 85th Percentile : 35 MPH  
 95th Percentile : 37 MPH

Statistics  
 10 MPH Pace Speed : 25-34 MPH  
 Number in Pace : 195  
 Percent in Pace : 69.6%  
 Number of Vehicles > 30 MPH : 126  
 Percent of Vehicles > 30 MPH : 45.0%  
 Mean Speed(Average) : 30 MPH