

City of Rochester Hills

1000 Rochester Hills Dr
Rochester Hills, MI 48309
248-656-4600

Serial Number: 5010
Location 1: Butler Rd
Location 2: See Reference Map

Start Date: 9/13/2024
End Date: 9/17/2024

Direction: West

9/13/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	1	1	2	
1:00	0	0	0	0	0	0	0	2	2	
2:00	0	0	0	0	0	0	0	0	0	
3:00	0	0	0	0	0	0	1	0	1	
4:00	0	0	0	0	0	1	0	2	3	
5:00	0	0	2	0	2	4	1	4	13	
6:00	1	0	1	0	3	5	15	21	46	
7:00	0	0	0	0	4	9	13	21	47	
8:00	0	0	0	1	2	6	14	15	38	
9:00	0	0	0	1	1	8	17	13	40	
10:00	0	0	0	1	2	8	16	14	41	
11:00	0	0	0	0	5	20	21	14	60	
12:00 PM	0	0	0	1	1	11	21	25	59	
1:00	0	0	0	3	7	8	13	26	57	
2:00	0	0	0	1	1	13	19	47	81	
3:00	0	1	1	0	2	5	13	44	66	
4:00	0	0	0	1	3	9	20	31	64	
5:00	0	0	0	1	3	12	16	21	53	
6:00	0	0	0	0	2	3	12	24	41	
7:00	0	0	0	0	0	4	12	21	37	
8:00	0	0	0	0	1	5	18	23	47	
9:00	0	0	0	0	0	3	9	18	30	
10:00	0	0	0	0	0	1	5	15	21	
11:00	0	0	0	0	0	2	2	3	7	
Total	1	1	4	10	39	137	259	405	856	
Percent	0.1%	0.1%	0.2%	0.6%	2.3%	8.0%	15.1%	23.7%	50.0%	
AM Peak	6:00		5:00	8:00	11:00	11:00	11:00	6:00	11:00	
	1	*	2	1	5	20	21	21	60	
PM Peak		3:00	3:00	1:00	1:00	2:00	12:00 PM	2:00	2:00	
	*	1	1	3	7	13	21	47	81	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			27	34	40	45			
	Mean Speed (Average)			38.9						
	10 MPH Pace Speed			27-36						
	Number in Pace			396						
	Percent in Pace			46.0%						
	Number > 25 MPH			801						
	Percent > 25 MPH			93.6%						

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Start Date: 9/13/2024
End Date: 9/17/2024

Direction: West

9/14/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	0	0	3	3
1:00	0	0	0	0	0	0	1	0	1	2
2:00	0	0	0	0	0	0	0	0	1	1
3:00	0	0	0	0	0	0	0	0	1	1
4:00	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	1	0	1
6:00	0	0	0	1	0	7	2	3		13
7:00	0	0	3	2	1	1	5	8		20
8:00	0	0	0	0	3	4	6	15		28
9:00	0	0	0	2	0	2	14	7		25
10:00	0	0	1	0	0	6	8	17		32
11:00	0	0	0	0	3	4	11	16		34
12:00 PM	0	0	1	1	3	9	9	20		43
1:00	0	0	0	1	0	2	12	22		37
2:00	0	0	0	2	1	1	14	30		48
3:00	0	0	0	0	3	5	9	31		48
4:00	0	0	0	0	1	3	12	18		34
5:00	0	0	0	0	1	5	16	24		46
6:00	0	0	0	0	1	4	16	32		53
7:00	0	0	0	0	0	8	16	22		46
8:00	0	0	0	0	0	5	13	17		35
9:00	0	0	0	0	1	4	11	8		24
10:00	0	0	0	0	0	3	5	13		21
11:00	0	0	0	0	0	0	3	8		11
Total	0	0	5	9	18	74	183	317		606
Percent	0.0%	0.0%	0.4%	0.7%	1.5%	6.1%	15.1%	26.2%		50.0%
AM Peak			7:00	7:00	8:00	6:00	9:00	10:00		11:00
	*	*	3	2	3	7	14	17		34
PM Peak			12:00 PM	2:00	12:00 PM	12:00 PM	5:00	6:00		6:00
	*	*	1	2	3	9	16	32		53
Speed Statistics	Percentile		15th	50th	85th	95th				
	Speed		28	34	41	46				
	Mean Speed (Average)		38.6							
	10 MPH Pace Speed		30-39							
	Number in Pace		279							
	Percent in Pace		46.0%							
	Number > 25 MPH		574							
	Percent > 25 MPH		94.7%							

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End Date: 9/17/2024

Direction: West

9/15/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	1	4	5	10
1:00	0	0	0	0	0	0	0	0	6	6
2:00	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	2	0	2
4:00	0	0	0	0	0	0	0	0	0	0
5:00	0	0	0	0	0	0	0	0	1	1
6:00	0	0	0	0	0	0	2	0	2	4
7:00	0	0	0	0	0	1	3	4	4	12
8:00	0	0	0	0	0	0	3	4	15	22
9:00	0	0	0	0	0	4	5	9	15	33
10:00	0	0	0	0	0	0	2	23	20	45
11:00	0	0	0	0	0	0	14	10	25	49
12:00 PM	0	0	0	1	0	6	13	25	25	45
1:00	0	0	0	0	0	1	6	19	21	47
2:00	0	0	0	0	0	0	6	9	33	48
3:00	0	0	0	0	0	0	5	15	28	48
4:00	0	0	0	0	0	0	7	18	28	53
5:00	0	0	0	0	0	0	3	15	21	39
6:00	0	0	0	0	0	1	3	6	25	35
7:00	0	0	0	0	0	0	2	15	21	38
8:00	0	0	0	0	0	1	1	3	19	24
9:00	0	0	0	0	0	0	1	4	9	14
10:00	0	0	0	0	0	0	0	1	7	8
11:00	0	0	0	0	0	0	1	2	2	5
Total	0	0	0	1	8	71	176	332	588	
Percent	0.0%	0.0%	0.0%	0.1%	0.7%	6.0%	15.0%	28.2%	50.0%	
AM Peak					9:00	11:00	10:00	11:00	11:00	
	*	*	*	*	4	14	23	25	49	
PM Peak				12:00 PM	1:00	4:00	1:00	2:00	4:00	
	*	*	*	1	1	7	19	33	53	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			29	35	41	46			
	Mean Speed (Average)			39.9						
	10 MPH Pace Speed			30-39						
	Number in Pace			275						
	Percent in Pace			47.0%						
	Number > 25 MPH			579						
	Percent > 25 MPH			98.5%						

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Direction: West

9/16/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	1	1	0	0	2	
1:00	0	0	0	0	0	0	0	0	0	
2:00	0	0	0	0	0	0	0	0	0	
3:00	0	0	0	0	0	0	0	1	1	
4:00	0	0	0	0	0	1	0	3	4	
5:00	0	0	0	0	0	2	6	3	11	
6:00	0	0	0	1	4	4	13	15	37	
7:00	0	1	1	1	1	9	21	21	55	
8:00	0	0	0	0	1	10	9	17	37	
9:00	0	0	0	0	3	7	14	15	39	
10:00	0	0	0	0	2	5	18	18	43	
11:00	0	1	0	1	2	12	17	14	47	
12:00 PM	0	0	0	0	4	7	15	18	44	
1:00	0	0	0	1	2	14	25	31	73	
2:00	0	0	0	2	0	12	15	20	49	
3:00	0	0	0	0	1	8	22	39	70	
4:00	0	0	0	0	1	10	21	39	71	
5:00	0	0	0	0	0	4	19	28	51	
6:00	0	0	0	0	1	5	23	27	56	
7:00	0	0	1	0	1	6	9	27	44	
8:00	0	0	0	0	1	3	4	8	16	
9:00	0	0	0	0	0	1	3	9	13	
10:00	0	0	0	0	0	0	2	4	6	
11:00	0	0	0	0	0	2	0	1	3	
Total	0	2	2	6	25	123	256	358	772	
Percent	0.0%	0.1%	0.1%	0.4%	1.6%	8.0%	16.6%	23.2%	50.0%	
AM Peak		7:00	7:00	6:00	6:00	11:00	7:00	7:00	7:00	
	*	1	1	1	4	12	21	21	55	
PM Peak			7:00	2:00	12:00 PM	1:00	1:00	3:00	1:00	
	*	*	1	2	4	14	25	39	73	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			28	34	40	44			
	Mean Speed (Average)			38.6						
	10 MPH Pace Speed			27-36						
	Number in Pace			380						
	Percent in Pace			49.0%						
	Number > 25 MPH			737						
	Percent > 25 MPH			95.5%						

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Direction: West

9/17/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	0	0	1	1
1:00	0	0	0	0	0	0	0	1	0	1
2:00	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	1	0	1
4:00	0	0	0	0	0	0	0	1	0	1
5:00	0	0	0	0	0	0	3	4	8	15
6:00	0	0	0	0	0	2	12	9	22	45
7:00	0	0	0	1	5	17	18	16	57	57
8:00	0	0	0	1	3	11	30	18	63	63
9:00	0	0	0	0	0	9	18	20	47	47
10:00	0	0	0	0	1	17	17	36	71	71
11:00	0	0	0	0	4	26	33	14	77	77
12:00 PM	0	0	0	0	8	22	25	24	79	79
1:00	0	0	0	0	6	19	31	26	82	82
2:00	0	1	1	0	0	19	29	45	95	95
3:00	0	0	0	1	2	28	57	47	135	135
4:00	0	0	0	1	9	34	72	55	171	171
5:00	0	0	0	0	6	33	53	52	144	144
6:00	0	0	1	1	9	22	41	49	123	123
7:00	0	0	0	0	4	20	32	37	93	93
8:00	0	0	0	0	6	7	30	25	68	68
9:00	0	0	0	0	2	10	13	18	43	43
10:00	0	0	0	0	1	2	11	2	16	16
11:00	0	0	0	0	0	2	3	7	12	12
Total	0	1	2	5	68	313	529	522	1440	1440
Percent	0.0%	0.0%	0.1%	0.2%	2.4%	10.9%	18.4%	18.1%	50.0%	50.0%
AM Peak				7:00	7:00	11:00	11:00	10:00	11:00	11:00
	*	*	*	1	5	26	33	36	77	77
PM Peak		2:00	2:00	3:00	4:00	4:00	4:00	4:00	4:00	4:00
	*	1	1	1	9	34	72	55	171	171
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			26	32	38	42			
	Mean Speed (Average)			38.9						
	10 MPH Pace Speed			26-35						
	Number in Pace			824						
	Percent in Pace			58.0%						
	Number > 25 MPH			1364						
	Percent > 25 MPH			94.7%						

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Direction: East

9/13/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	1	0	1	2
1:00	0	0	0	0	0	0	0	0	1	1
2:00	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	1	4	5
4:00	0	0	0	0	0	0	0	1	11	12
5:00	0	0	2	0	2	3	9	16	32	32
6:00	0	0	0	0	2	4	13	52	71	71
7:00	0	0	0	0	2	7	9	41	59	59
8:00	0	0	0	2	3	6	9	30	50	50
9:00	0	0	0	0	2	7	18	30	57	57
10:00	0	0	0	1	2	7	19	27	56	56
11:00	0	0	0	0	4	11	16	27	58	58
12:00 PM	0	0	0	0	2	4	8	41	55	55
1:00	0	1	0	0	3	11	16	35	66	66
2:00	0	0	0	0	3	12	16	42	73	73
3:00	0	0	0	0	0	7	10	50	67	67
4:00	0	0	0	0	0	4	13	46	63	63
5:00	0	0	0	1	0	10	17	24	52	52
6:00	0	0	0	1	1	4	15	40	61	61
7:00	0	0	0	2	0	1	11	20	34	34
8:00	0	0	0	0	0	2	6	20	28	28
9:00	0	0	0	0	0	0	3	10	13	13
10:00	0	0	0	0	0	2	2	14	18	18
11:00	0	0	0	0	0	0	4	9	13	13
Total	0	1	2	7	26	103	216	591	946	946
Percent	0.0%	0.1%	0.1%	0.4%	1.4%	5.4%	11.4%	31.2%	50.0%	50.0%
AM Peak			5:00	8:00	11:00	11:00	10:00	6:00	6:00	6:00
	*	*	2	2	4	11	19	52	71	71
PM Peak		1:00		7:00	1:00	2:00	5:00	3:00	2:00	2:00
	*	1	*	2	3	12	17	50	73	73
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			29	36	43	49			
	Mean Speed (Average)			44.6						
	10 MPH Pace Speed			29-38						
	Number in Pace			333						
	Percent in Pace			35.0%						
	Number > 25 MPH			910						
	Percent > 25 MPH			96.2%						

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Direction: East

9/14/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	0	1	1	2
1:00	0	0	0	1	0	0	0	0	0	1
2:00	0	0	0	0	0	0	0	0	1	1
3:00	0	0	0	0	0	0	0	0	4	4
4:00	0	0	0	0	0	0	0	1	2	3
5:00	0	0	0	0	0	0	0	3	6	9
6:00	0	0	0	0	0	0	3	5	18	26
7:00	0	0	0	0	0	0	5	5	19	29
8:00	0	0	0	0	0	2	2	11	33	48
9:00	0	0	0	0	0	0	5	2	24	31
10:00	0	0	0	0	0	2	1	4	33	40
11:00	0	0	0	0	0	1	3	11	35	50
12:00 PM	0	0	0	0	0	0	3	8	27	38
1:00	0	0	0	1	0	0	3	9	26	39
2:00	0	0	0	0	0	0	2	8	37	47
3:00	0	0	0	0	0	0	2	11	36	49
4:00	0	0	0	0	0	1	5	8	28	42
5:00	0	0	0	0	0	0	3	11	38	52
6:00	0	0	0	0	0	2	1	7	34	44
7:00	0	0	0	0	0	0	4	11	28	43
8:00	0	0	0	0	0	0	1	4	16	21
9:00	0	0	0	0	0	3	6	3	11	23
10:00	0	0	0	0	0	0	0	2	12	14
11:00	0	0	0	0	0	0	2	1	6	9
Total	0	0	0	2	11	51	126	475	665	
Percent	0.0%	0.0%	0.0%	0.2%	0.8%	3.8%	9.5%	35.7%	50.0%	
AM Peak				1:00	8:00	7:00	8:00	11:00	11:00	
	*	*	*	1	2	5	11	35	50	
PM Peak				1:00	9:00	9:00	3:00	5:00	5:00	
	*	*	*	1	3	6	11	38	52	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			31	38	44	50			
	Mean Speed (Average)			44.4						
	10 MPH Pace Speed			32-41						
	Number in Pace			230						
	Percent in Pace			35.0%						
	Number > 25 MPH			652						
	Percent > 25 MPH			98.0%						

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Direction: East

9/15/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	3	1	4	
1:00	0	0	0	0	0	0	1	3	4	
2:00	0	0	0	0	0	0	0	0	0	
3:00	0	0	0	0	0	0	1	5	6	
4:00	0	0	0	0	0	0	0	1	1	
5:00	0	0	0	0	0	0	0	4	4	
6:00	0	0	0	0	0	1	4	16	21	
7:00	0	0	0	0	1	1	4	17	23	
8:00	0	0	0	0	1	3	10	34	48	
9:00	0	0	0	1	2	5	6	23	37	
10:00	0	0	0	0	0	1	6	41	48	
11:00	0	0	0	0	0	1	7	42	50	
12:00 PM	0	0	0	0	1	4	10	29	44	
1:00	0	0	0	1	0	8	9	36	54	
2:00	0	0	0	0	0	0	9	37	46	
3:00	0	0	0	0	0	3	4	59	66	
4:00	0	0	0	0	0	5	8	20	33	
5:00	0	0	0	0	0	4	5	40	49	
6:00	0	0	0	0	1	3	5	35	44	
7:00	0	0	0	0	0	0	4	20	24	
8:00	0	0	0	0	0	1	2	7	10	
9:00	0	0	0	0	0	0	5	10	15	
10:00	0	0	0	0	0	0	0	8	8	
11:00	0	0	0	0	0	0	0	0	0	
Total	0	0	0	2	6	40	103	488	639	
Percent	0.0%	0.0%	0.0%	0.2%	0.5%	3.1%	8.1%	38.2%	50.0%	
AM Peak				9:00	9:00	9:00	8:00	11:00	11:00	
	*	*	*	1	2	5	10	42	50	
PM Peak				1:00	12:00 PM	1:00	12:00 PM	3:00	3:00	
	*	*	*	1	1	8	10	59	66	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			32	38	45	50			
	Mean Speed (Average)			47.5						
	10 MPH Pace Speed			32-41						
	Number in Pace			205						
	Percent in Pace			32.0%						
	Number > 25 MPH			631						
	Percent > 25 MPH			98.7%						

City of Rochester Hills

1000 Rochester Hills Dr
Rochester Hills, MI 48309
248-656-4600

Serial Number: 5010
Location 1: Butler Rd
Location 2: See Reference Map

Start Date: 9/13/2024
End Date: 9/17/2024

Direction: East

9/16/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	0	1	1	2
1:00	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	4	4
4:00	0	0	0	0	0	0	0	0	11	11
5:00	0	0	0	0	0	2	3	5	17	27
6:00	0	0	0	0	0	2	8	11	60	81
7:00	0	0	0	0	0	1	4	6	46	57
8:00	0	0	0	0	0	1	1	7	27	36
9:00	0	0	0	0	0	0	4	14	24	42
10:00	0	0	0	0	0	1	5	8	27	41
11:00	0	0	0	0	0	0	8	8	36	52
12:00 PM	0	0	0	0	0	1	4	13	37	55
1:00	0	0	0	0	0	2	5	11	44	62
2:00	0	0	0	0	0	1	11	8	47	67
3:00	0	0	0	0	0	0	8	20	48	76
4:00	0	0	0	0	1	1	2	28	52	84
5:00	0	0	0	0	0	1	3	15	44	63
6:00	0	0	0	0	0	0	4	4	39	47
7:00	0	0	0	0	0	0	3	6	19	28
8:00	0	0	0	0	0	1	2	0	8	11
9:00	0	0	0	0	0	0	0	1	8	9
10:00	0	0	1	0	0	0	1	0	2	4
11:00	0	0	0	0	0	0	0	1	3	4
Total	0	0	1	1	14	76	167	604		863
Percent	0.0%	0.0%	0.1%	0.1%	0.8%	4.4%	9.7%	35.0%		50.0%
AM Peak	*	*	*	*	5:00	6:00	9:00	6:00		6:00
					2	8	14	60		81
PM Peak			10:00	4:00	1:00	2:00	4:00	4:00		4:00
	*	*	1	1	2	11	28	52		84
Speed Statistics	Percentile									
	Speed									
	Mean Speed (Average)									30
	10 MPH Pace Speed									48.1
	Number in Pace									31-40
	Percent in Pace									267
	Number > 25 MPH									31.0%
	Percent > 25 MPH									847
										98.1%

City of Rochester Hills

1000 Rochester Hills Dr
Rochester Hills, MI 48309
248-656-4600

Serial Number: 5010
Location 1: Butler Rd
Location 2: See Reference Map

Start Date: 9/13/2024
End Date: 9/17/2024

Direction: East

9/17/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	0	0	1	1
1:00	0	0	0	0	0	0	0	0	0	0
2:00	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	0	4	4
4:00	0	0	0	0	0	0	0	2	9	11
5:00	0	0	0	0	0	6	1	6	18	31
6:00	0	0	0	0	0	5	5	17	47	74
7:00	0	0	0	0	0	2	20	46	76	144
8:00	0	0	0	0	1	1	13	22	49	86
9:00	0	0	0	0	2	1	14	18	38	73
10:00	0	0	0	0	0	0	6	24	38	68
11:00	0	0	0	0	1	1	11	28	30	71
12:00 PM	0	0	1	0	4	5	38	39	87	87
1:00	0	0	0	0	1	3	12	26	45	87
2:00	0	1	0	0	0	5	9	30	55	100
3:00	0	0	0	0	2	1	15	31	53	102
4:00	0	0	0	0	0	2	6	28	70	106
5:00	0	0	1	0	0	3	17	27	52	100
6:00	0	0	0	0	0	5	10	19	35	69
7:00	0	0	0	0	0	0	4	15	23	42
8:00	0	0	0	0	0	0	1	9	14	24
9:00	0	0	0	0	0	0	1	2	6	9
10:00	0	0	0	0	0	0	2	3	5	10
11:00	0	0	0	0	0	0	0	1	3	4
Total	0	1	2	7	39	152	392	710	1303	
Percent	0.0%	0.0%	0.1%	0.3%	1.5%	5.8%	15.0%	27.2%	50.0%	
AM Peak				9:00	5:00	7:00	7:00	7:00	7:00	7:00
	*	*	*	2	6	20	46	76	144	
PM Peak		2:00	12:00 PM	3:00	2:00	5:00	12:00 PM	4:00	4:00	4:00
	*	1	1	2	5	17	38	70	106	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			29	35	42	47			
	Mean Speed (Average)			46.3						
	10 MPH Pace Speed			26-35						
	Number in Pace			538						
	Percent in Pace			42.0%						
	Number > 25 MPH			1254						
	Percent > 25 MPH			96.2%						

City of Rochester Hills

1000 Rochester Hills Dr
Rochester Hills, MI 48309
248-656-4600

Serial Number: 5010
Location 1: Butler Rd
Location 2: See Reference Map

Start Date: 9/13/2024
End Date: 9/17/2024

Direction: Combined

9/13/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	1	1	2	4	
1:00	0	0	0	0	0	0	0	3	3	
2:00	0	0	0	0	0	0	0	0	0	
3:00	0	0	0	0	0	0	2	4	6	
4:00	0	0	0	0	0	1	1	13	15	
5:00	0	0	4	0	4	7	10	20	45	
6:00	1	0	1	0	5	9	28	73	117	
7:00	0	0	0	0	6	16	22	62	106	
8:00	0	0	0	3	5	12	23	45	88	
9:00	0	0	0	1	3	15	35	43	97	
10:00	0	0	0	2	4	15	35	41	97	
11:00	0	0	0	0	9	31	37	41	118	
12:00 PM	0	0	0	1	3	15	29	66	114	
1:00	0	1	0	3	10	19	29	61	123	
2:00	0	0	0	1	4	25	35	89	154	
3:00	0	1	1	0	2	12	23	94	133	
4:00	0	0	0	1	3	13	33	77	127	
5:00	0	0	0	2	3	22	33	45	105	
6:00	0	0	0	1	3	7	27	64	102	
7:00	0	0	0	2	0	5	23	41	71	
8:00	0	0	0	0	1	7	24	43	75	
9:00	0	0	0	0	0	3	12	28	43	
10:00	0	0	0	0	0	3	7	29	39	
11:00	0	0	0	0	0	2	6	12	20	
Total	1	2	6	17	65	240	475	996	1802	
Percent	0.0%	0.1%	0.2%	0.5%	1.8%	6.7%	13.2%	27.6%	50.0%	
AM Peak	6:00		5:00	8:00	11:00	11:00	11:00	6:00	11:00	
	1	*	4	3	9	31	37	73	118	
PM Peak		1:00	3:00	1:00	1:00	2:00	2:00	3:00	2:00	
	*	1	1	3	10	25	35	94	154	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			28	35	42	47			
	Mean Speed (Average)			41.9						
	10 MPH Pace Speed			28-37						
	Number in Pace			723						
	Percent in Pace			40.0%						
	Number > 25 MPH			1711						
	Percent > 25 MPH			95.0%						

City of Rochester Hills

1000 Rochester Hills Dr
Rochester Hills, MI 48309
248-656-4600

Serial Number: 5010
Location 1: Butler Rd
Location 2: See Reference Map

Start Date: 9/13/2024
End Date: 9/17/2024

Direction: Combined

9/14/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	0	1	4	5
1:00	0	0	0	1	0	1	0	1	1	3
2:00	0	0	0	0	0	0	0	0	2	2
3:00	0	0	0	0	0	0	0	0	5	5
4:00	0	0	0	0	0	0	0	1	2	3
5:00	0	0	0	0	0	0	0	4	6	10
6:00	0	0	0	1	0	10	7	21	39	39
7:00	0	0	3	2	1	6	10	27	49	49
8:00	0	0	0	0	5	6	17	48	76	76
9:00	0	0	0	2	0	7	16	31	56	56
10:00	0	0	1	0	2	7	12	50	72	72
11:00	0	0	0	0	4	7	22	51	84	84
12:00 PM	0	0	1	1	3	12	17	47	81	81
1:00	0	0	0	2	0	5	21	48	76	76
2:00	0	0	0	2	1	3	22	67	95	95
3:00	0	0	0	0	3	7	20	67	97	97
4:00	0	0	0	0	2	8	20	46	76	76
5:00	0	0	0	0	1	8	27	62	98	98
6:00	0	0	0	0	3	5	23	66	97	97
7:00	0	0	0	0	0	12	27	50	89	89
8:00	0	0	0	0	0	6	17	33	56	56
9:00	0	0	0	0	4	10	14	19	47	47
10:00	0	0	0	0	0	3	7	25	35	35
11:00	0	0	0	0	0	2	4	14	20	20
Total	0	0	5	11	29	125	309	792	1271	1271
Percent	0.0%	0.0%	0.2%	0.4%	1.1%	4.9%	12.2%	31.2%	50.0%	50.0%
AM Peak			7:00	7:00	8:00	6:00	11:00	11:00	11:00	11:00
	*	*	3	2	5	10	22	51	84	84
PM Peak			12:00 PM	1:00	9:00	12:00 PM	5:00	2:00	5:00	5:00
	*	*	1	2	4	12	27	67	98	98
Speed Statistics			Percentile	15th	50th	85th	95th			
			Speed	29	36	43	49			
			Mean Speed (Average)	41.6						
			10 MPH Pace Speed	31-40						
			Number in Pace	506						
			Percent in Pace	40.0%						
			Number > 25 MPH	1226						
			Percent > 25 MPH	96.5%						

City of Rochester Hills

1000 Rochester Hills Dr
Rochester Hills, MI 48309
248-656-4600

Serial Number: 5010
Location 1: Butler Rd
Location 2: See Reference Map

Start Date: 9/13/2024
End Date: 9/17/2024

Direction: Combined

9/15/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	1	7	6	14
1:00	0	0	0	0	0	0	0	1	9	10
2:00	0	0	0	0	0	0	0	0	0	0
3:00	0	0	0	0	0	0	0	3	5	8
4:00	0	0	0	0	0	0	0	0	1	1
5:00	0	0	0	0	0	0	0	0	5	5
6:00	0	0	0	0	0	0	3	4	18	25
7:00	0	0	0	0	0	2	4	8	21	35
8:00	0	0	0	0	0	1	6	14	49	70
9:00	0	0	0	0	1	6	10	15	38	70
10:00	0	0	0	0	0	0	3	29	61	93
11:00	0	0	0	0	0	0	15	17	67	99
12:00 PM	0	0	0	1	1	10	23	54	89	89
1:00	0	0	0	1	1	14	28	57	101	101
2:00	0	0	0	0	0	0	6	18	70	94
3:00	0	0	0	0	0	0	8	19	87	114
4:00	0	0	0	0	0	0	12	26	48	86
5:00	0	0	0	0	0	0	7	20	61	88
6:00	0	0	0	0	0	2	6	11	60	79
7:00	0	0	0	0	0	0	2	19	41	62
8:00	0	0	0	0	0	1	2	5	26	34
9:00	0	0	0	0	0	0	1	9	19	29
10:00	0	0	0	0	0	0	0	1	15	16
11:00	0	0	0	0	0	0	1	2	2	5
Total	0	0	0	3	14	111	279	820	1227	
Percent	0.0%	0.0%	0.0%	0.1%	0.6%	4.5%	11.4%	33.4%	50.0%	
AM Peak				9:00	9:00	11:00	10:00	11:00	11:00	11:00
	*	*	*	1	6	15	29	67	99	
PM Peak				12:00 PM	6:00	1:00	1:00	3:00	3:00	3:00
	*	*	*	1	2	14	28	87	114	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			31	37	44	48			
	Mean Speed (Average)			43.9						
	10 MPH Pace Speed			30-39						
	Number in Pace			473						
	Percent in Pace			39.0%						
	Number > 25 MPH			1210						
	Percent > 25 MPH			98.6%						

City of Rochester Hills

1000 Rochester Hills Dr
Rochester Hills, MI 48309
248-656-4600

Serial Number: 5010
Location 1: Butler Rd
Location 2: See Reference Map

Start Date: 9/13/2024
End Date: 9/17/2024

Direction: Combined

9/16/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	1	1	1	1	4	
1:00	0	0	0	0	0	0	0	0	0	
2:00	0	0	0	0	0	0	0	0	0	
3:00	0	0	0	0	0	0	0	5	5	
4:00	0	0	0	0	0	1	0	14	15	
5:00	0	0	0	0	2	5	11	20	38	
6:00	0	0	0	1	6	12	24	75	118	
7:00	0	1	1	1	2	13	27	67	112	
8:00	0	0	0	0	2	11	16	44	73	
9:00	0	0	0	0	3	11	28	39	81	
10:00	0	0	0	0	3	10	26	45	84	
11:00	0	1	0	1	2	20	25	50	99	
12:00 PM	0	0	0	0	5	11	28	55	99	
1:00	0	0	0	1	4	19	36	75	135	
2:00	0	0	0	2	1	23	23	67	116	
3:00	0	0	0	0	1	16	42	87	146	
4:00	0	0	0	1	2	12	49	91	155	
5:00	0	0	0	0	1	7	34	72	114	
6:00	0	0	0	0	1	9	27	66	103	
7:00	0	0	1	0	1	9	15	46	72	
8:00	0	0	0	0	2	5	4	16	27	
9:00	0	0	0	0	0	1	4	17	22	
10:00	0	0	1	0	0	1	2	6	10	
11:00	0	0	0	0	0	2	1	4	7	
Total	0	2	3	7	39	199	423	962	1635	
Percent	0.0%	0.1%	0.1%	0.2%	1.2%	6.1%	12.9%	29.4%	50.0%	
AM Peak		7:00	7:00	6:00	6:00	11:00	9:00	6:00	6:00	
	*	1	1	1	6	20	28	75	118	
PM Peak			7:00	2:00	12:00 PM	2:00	4:00	4:00	4:00	
	*	*	1	2	5	23	49	91	155	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			29	36	42	48			
	Mean Speed (Average)			43.6						
	10 MPH Pace Speed			28-37						
	Number in Pace			638						
	Percent in Pace			39.0%						
	Number > 25 MPH			1584						
	Percent > 25 MPH			96.9%						

City of Rochester Hills

1000 Rochester Hills Dr
Rochester Hills, MI 48309
248-656-4600

Serial Number: 5010
Location 1: Butler Rd
Location 2: See Reference Map

Start Date: 9/13/2024
End Date: 9/17/2024

Direction: Combined

9/17/2024										Total
Time	0 - 5 MPH	> 5 - 10 MPH	> 10 - 15 MPH	> 15 - 20 MPH	> 20 - 25 MPH	> 25 - 30 MPH	> 30 - 35 MPH	> 35 MPH		
12:00 AM	0	0	0	0	0	0	0	0	2	
1:00	0	0	0	0	0	0	0	1	0	
2:00	0	0	0	0	0	0	0	0	0	
3:00	0	0	0	0	0	0	0	1	4	
4:00	0	0	0	0	0	0	0	3	9	
5:00	0	0	0	0	0	6	4	10	26	
6:00	0	0	0	0	0	7	17	26	69	
7:00	0	0	0	1	7	37	64	92	201	
8:00	0	0	0	2	4	24	52	67	149	
9:00	0	0	0	2	1	23	36	58	120	
10:00	0	0	0	0	1	23	41	74	139	
11:00	0	0	0	1	5	37	61	44	148	
12:00 PM	0	0	1	0	12	27	63	63	166	
1:00	0	0	0	1	9	31	57	71	169	
2:00	0	2	1	0	5	28	59	100	195	
3:00	0	0	0	3	3	43	88	100	237	
4:00	0	0	0	1	11	40	100	125	277	
5:00	0	0	1	0	9	50	80	104	244	
6:00	0	0	1	1	14	32	60	84	192	
7:00	0	0	0	0	4	24	47	60	135	
8:00	0	0	0	0	6	8	39	39	92	
9:00	0	0	0	0	2	11	15	24	52	
10:00	0	0	0	0	1	4	14	7	26	
11:00	0	0	0	0	0	2	4	10	16	
Total	0	2	4	12	107	465	921	1232	2743	
Percent	0.0%	0.0%	0.1%	0.2%	2.0%	8.5%	16.8%	22.5%	50.0%	
AM Peak				8:00	6:00	7:00	7:00	7:00	7:00	
	*	*	*	2	7	37	64	92	201	
PM Peak		2:00	12:00 PM	3:00	6:00	5:00	4:00	4:00	4:00	
	*	2	1	3	14	50	100	125	277	
Speed Statistics	Percentile			15th	50th	85th	95th			
	Speed			28	33	40	44			
	Mean Speed (Average)			42.4						
	10 MPH Pace Speed			26-35						
	Number in Pace			1362						
	Percent in Pace			50.0%						
	Number > 25 MPH			2618						
	Percent > 25 MPH			95.4%						