

TRAFFIC DATA

MN 77 & Diffley Rd at Nicols Rd

City: Eden Prairie

Data by: Flow Labs

Turning Movement Count

File Name: MN 77 & Diffley Rd at Nicols Rd 2024

Dates: 9/3/2024 - 9/19/24, No Holidays, Average

Day of Week: Tuesday, Wednesday, Thursday

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	Nicols Rd Southbound				Diffley Rd Westbound				Nicols Rd Northbound				Diffley Rd Eastbound				
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Int. Total
0:00	0	0	0	0	1	11	0	0	1	1	1	0	1	12	7	0	35
0:15	0	0	1	0	0	7	0	0	3	1	1	0	1	13	4	0	31
0:30	1	1	2	0	1	9	0	0	1	2	1	0	3	8	2	0	31
0:45	0	2	2	0	2	7	0	0	1	2	1	0	0	8	3	0	28
Total	1	3	5	0	4	34	0	0	6	6	4	0	5	41	16	0	125
1:00	1	2	2	0	3	3	0	0	2	1	1	0	1	5	3	0	24
1:15	0	2	1	0	1	3	0	0	0	0	2	0	2	7	1	0	19
1:30	0	0	1	0	0	4	0	0	0	0	0	0	1	6	2	0	14
1:45	0	1	0	0	0	4	0	0	1	0	0	0	0	5	1	0	12
Total	1	5	4	0	4	14	0	0	3	1	3	0	4	23	7	0	69
2:00	0	1	0	0	1	2	0	0	1	2	1	0	0	4	1	0	13
2:15	0	3	0	0	0	6	0	0	0	0	2	0	1	2	1	0	15
2:30	0	0	1	0	0	3	0	0	1	0	1	0	1	1	1	0	9
2:45	0	0	1	0	0	4	0	0	0	0	0	0	0	4	1	0	10
Total	0	4	2	0	1	15	0	0	2	2	4	0	2	11	4	0	47
3:00	0	0	1	0	1	4	0	0	0	1	0	0	1	6	1	0	15
3:15	0	0	1	0	0	3	0	0	3	1	0	0	0	2	0	0	10
3:30	0	0	0	0	0	5	1	0	3	1	0	0	1	7	1	0	19
3:45	0	1	1	0	0	13	0	0	1	0	0	0	0	4	1	0	21
Total	0	1	3	0	1	25	1	0	7	3	0	0	2	19	3	0	65
4:00	0	1	0	0	1	6	0	0	0	0	0	0	1	8	1	0	18
4:15	0	0	1	0	1	15	0	0	2	0	0	0	1	8	3	0	31
4:30	0	1	1	0	0	26	0	0	4	0	1	0	1	4	3	0	41
4:45	0	1	2	0	0	26	1	0	2	0	1	0	3	5	1	0	42
Total	0	3	4	0	2	73	1	0	8	0	2	0	6	25	8	0	132

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	Nicols Rd Southbound				Diffley Rd Westbound				Nicols Rd Northbound				Diffley Rd Eastbound				
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Int. Total
5:00	0	0	1	0	1	32	0	0	4	1	0	0	1	11	3	0	54
5:15	0	0	3	0	2	39	1	0	3	0	6	0	1	20	3	0	78
5:30	0	2	7	0	0	54	0	0	8	2	2	0	4	14	5	0	98
5:45	1	2	5	0	1	65	1	0	7	1	1	0	3	24	5	0	116
Total	1	4	16	0	4	190	2	0	22	4	9	0	9	69	16	0	346
6:00	1	3	13	0	3	69	2	0	14	1	7	0	4	27	6	0	150
6:15	1	2	13	2	3	82	2	1	18	2	6	0	6	39	9	0	186
6:30	3	2	20	0	3	91	4	0	15	4	13	0	7	86	8	0	256
6:45	7	3	14	0	11	126	11	0	20	4	15	0	15	108	14	0	348
Total	12	10	60	2	20	368	19	1	67	11	41	0	32	260	37	0	940
7:00	5	4	31	0	9	187	6	0	23	9	17	0	35	146	9	0	481
7:15	8	7	43	0	12	272	7	0	39	9	24	0	22	165	25	0	633
7:30	6	11	46	0	17	340	7	0	44	6	11	0	34	119	24	0	665
7:45	8	9	41	0	19	300	11	1	31	7	17	1	36	116	24	0	621
Total	27	31	161	0	57	1099	31	1	137	31	69	1	127	546	82	0	2400
8:00	2	11	27	0	15	247	11	0	27	12	18	0	52	108	19	0	549
8:15	4	9	50	0	16	201	4	0	29	13	17	0	34	88	19	0	484
8:30	3	15	22	0	13	185	10	0	32	7	12	0	38	101	27	0	465
8:45	6	13	36	0	13	159	8	1	29	12	16	0	30	127	25	0	475
Total	15	48	135	0	57	792	33	1	117	44	63	0	154	424	90	0	1973
9:00	4	10	19	0	8	142	12	1	33	9	11	0	37	92	29	0	407
9:15	6	12	36	0	22	163	7	0	26	13	14	0	24	103	33	0	459
9:30	3	7	13	0	22	122	8	0	26	9	12	0	29	104	28	0	383
9:45	7	15	22	0	14	114	12	0	24	7	12	0	42	94	20	0	383
Total	20	44	90	0	66	541	39	1	109	38	49	0	132	393	110	0	1632

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	Nicols Rd Southbound				Diffley Rd Westbound				Nicols Rd Northbound				Diffley Rd Eastbound				
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Int. Total
10:00	4	12	21	0	15	106	12	0	18	13	16	0	34	79	23	0	353
10:15	6	12	25	0	8	106	8	0	24	15	15	0	27	113	15	0	374
10:30	8	10	30	0	12	108	12	0	14	13	12	0	43	98	15	0	375
10:45	10	12	35	0	8	109	17	0	19	10	16	0	36	91	15	0	378
Total	28	46	111	0	43	429	49	0	75	51	59	0	140	381	68	0	1480
11:00	4	11	39	0	10	95	13	0	18	12	10	0	40	92	15	0	359
11:15	5	15	29	0	11	96	12	0	28	14	17	0	28	114	20	0	389
11:30	9	16	37	0	11	125	14	0	22	12	13	0	46	109	19	0	433
11:45	9	13	34	0	21	119	17	2	19	15	11	0	42	112	25	0	439
Total	27	55	139	0	53	435	56	2	87	53	51	0	156	427	79	0	1620
12:00	15	19	50	0	12	103	13	0	24	14	15	0	44	124	24	0	457
12:15	11	17	34	0	14	111	13	1	19	7	18	0	34	100	25	0	404
12:30	13	12	39	0	16	120	10	2	23	17	25	0	47	139	15	0	478
12:45	10	13	47	0	13	104	12	2	19	17	22	0	32	123	16	0	430
Total	49	61	170	0	55	438	48	5	85	55	80	0	157	486	80	0	1769
13:00	12	13	45	0	11	115	8	0	22	13	21	0	33	127	19	0	439
13:15	12	18	47	0	9	110	12	1	19	17	13	0	41	120	22	0	441
13:30	13	14	50	0	8	102	6	0	20	9	15	0	34	130	20	0	421
13:45	17	12	61	0	20	105	12	0	22	16	13	0	43	145	17	0	483
Total	54	57	203	0	48	432	38	1	83	55	62	0	151	522	78	0	1784
14:00	14	13	46	0	10	93	10	0	20	12	19	0	44	174	21	0	476
14:15	18	17	62	0	9	134	11	0	23	12	14	0	40	169	41	0	550
14:30	14	17	62	0	7	136	14	0	29	11	14	0	46	160	27	0	537
14:45	13	11	60	0	17	169	13	0	26	12	20	0	55	193	31	0	620
Total	59	58	230	0	43	532	48	0	98	47	67	0	185	696	120	0	2183

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	Nicols Rd Southbound				Diffley Rd Westbound				Nicols Rd Northbound				Diffley Rd Eastbound				
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Int. Total
15:00	27	18	65	0	22	159	7	0	19	15	17	0	36	174	27	0	586
15:15	21	11	71	1	34	166	11	0	29	11	14	8	46	220	29	2	674
15:30	14	11	49	0	12	156	12	0	22	19	8	1	41	199	25	1	570
15:45	15	9	66	0	22	167	14	2	34	14	14	1	68	175	31	0	632
Total	77	49	251	1	90	648	44	2	104	59	53	10	191	768	112	3	2462
16:00	15	8	60	0	20	148	12	0	37	18	22	1	54	209	20	0	624
16:15	15	17	54	0	13	151	14	0	33	14	17	0	60	223	37	0	648
16:30	20	13	62	0	23	174	15	0	30	16	19	0	59	257	33	0	721
16:45	20	14	67	0	24	168	21	0	39	17	21	1	59	223	35	0	709
Total	70	52	243	0	80	641	62	0	139	65	79	2	232	912	125	0	2702
17:00	18	23	54	0	20	162	19	0	45	17	17	0	39	230	28	3	675
17:15	14	16	65	0	23	181	12	0	34	14	27	0	40	258	32	0	716
17:30	9	17	52	0	17	196	17	0	32	18	20	0	54	249	34	0	715
17:45	14	15	67	0	23	148	14	0	28	14	18	0	52	209	33	0	635
Total	55	71	238	0	83	687	62	0	139	63	82	0	185	946	127	3	2741
18:00	14	19	45	0	17	140	9	0	29	18	19	0	45	176	31	0	562
18:15	8	12	54	0	16	135	14	0	29	13	13	0	39	152	26	0	511
18:30	14	9	47	0	19	107	13	0	19	13	14	0	36	141	20	0	452
18:45	14	11	50	0	15	95	7	0	28	12	15	0	33	118	23	0	421
Total	50	51	196	0	67	477	43	0	105	56	61	0	153	587	100	0	1946
19:00	10	18	59	0	12	95	7	0	17	12	11	0	27	108	18	0	394
19:15	13	11	43	0	9	76	8	0	14	7	13	0	19	97	13	0	323
19:30	11	14	44	0	9	91	6	0	12	7	7	0	17	95	13	0	326
19:45	11	9	42	0	9	70	4	0	11	10	7	0	22	87	20	0	302
Total	45	52	188	0	39	332	25	0	54	36	38	0	85	387	64	0	1345

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	Nicols Rd Southbound				Diffley Rd Westbound				Nicols Rd Northbound				Diffley Rd Eastbound				
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Int. Total
20:00	15	14	38	0	9	70	4	0	17	7	9	0	21	94	14	0	312
20:15	4	6	45	0	4	83	3	0	14	11	13	0	24	93	22	0	322
20:30	6	8	21	0	8	61	3	0	9	7	7	0	18	77	13	0	238
20:45	5	7	13	0	3	47	2	0	10	6	6	0	14	77	17	0	207
Total	30	35	117	0	24	261	12	0	50	31	35	0	77	341	66	0	1079
21:00	7	6	21	0	4	56	1	0	10	9	6	0	9	76	15	0	220
21:15	0	7	11	0	9	69	3	0	4	6	9	0	9	78	15	0	220
21:30	3	8	15	0	7	47	1	0	5	1	7	0	18	55	11	0	178
21:45	3	4	11	0	4	29	0	0	7	2	7	0	9	53	9	0	138
Total	13	25	58	0	24	201	5	0	26	18	29	0	45	262	50	0	756
22:00	5	1	9	0	6	37	3	0	7	1	1	0	8	59	9	0	146
22:15	1	2	3	0	3	36	0	0	6	3	3	0	7	42	7	0	113
22:30	2	2	2	0	1	28	1	0	8	1	4	0	9	38	6	0	102
22:45	1	3	3	0	3	25	2	0	4	1	6	0	6	34	8	0	96
Total	9	8	17	0	13	126	6	0	25	6	14	0	30	173	30	0	457
23:00	0	2	3	0	3	20	0	0	3	1	2	0	3	35	7	0	79
23:15	0	3	4	0	2	13	0	0	5	1	2	0	5	22	8	0	65
23:30	1	1	3	0	3	17	1	0	2	2	1	0	4	22	6	0	63
23:45	1	2	1	0	3	8	0	0	1	2	2	0	3	19	3	0	45
Total	2	8	11	0	11	58	1	0	11	6	7	0	15	98	24	0	252
Grand Total	645	781	2652	3	889	8848	625	14	1559	741	961	13	2275	8797	1496	6	30305
Apprch %	15.8	19.1	65	0.07	8.57	85.3	6.02	0.13	47.6	22.6	29.4	0.4	18.1	70	11.9	0.05	
Total %	0.02	0.03	0.09	0	0.03	0.29	0.02	0	0.05	0.02	0.03	0	0.08	0.29	0.05	0	

TRAFFIC DATA

MN 77 & Diffley Rd at Nicols Rd

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Turning Movement Count

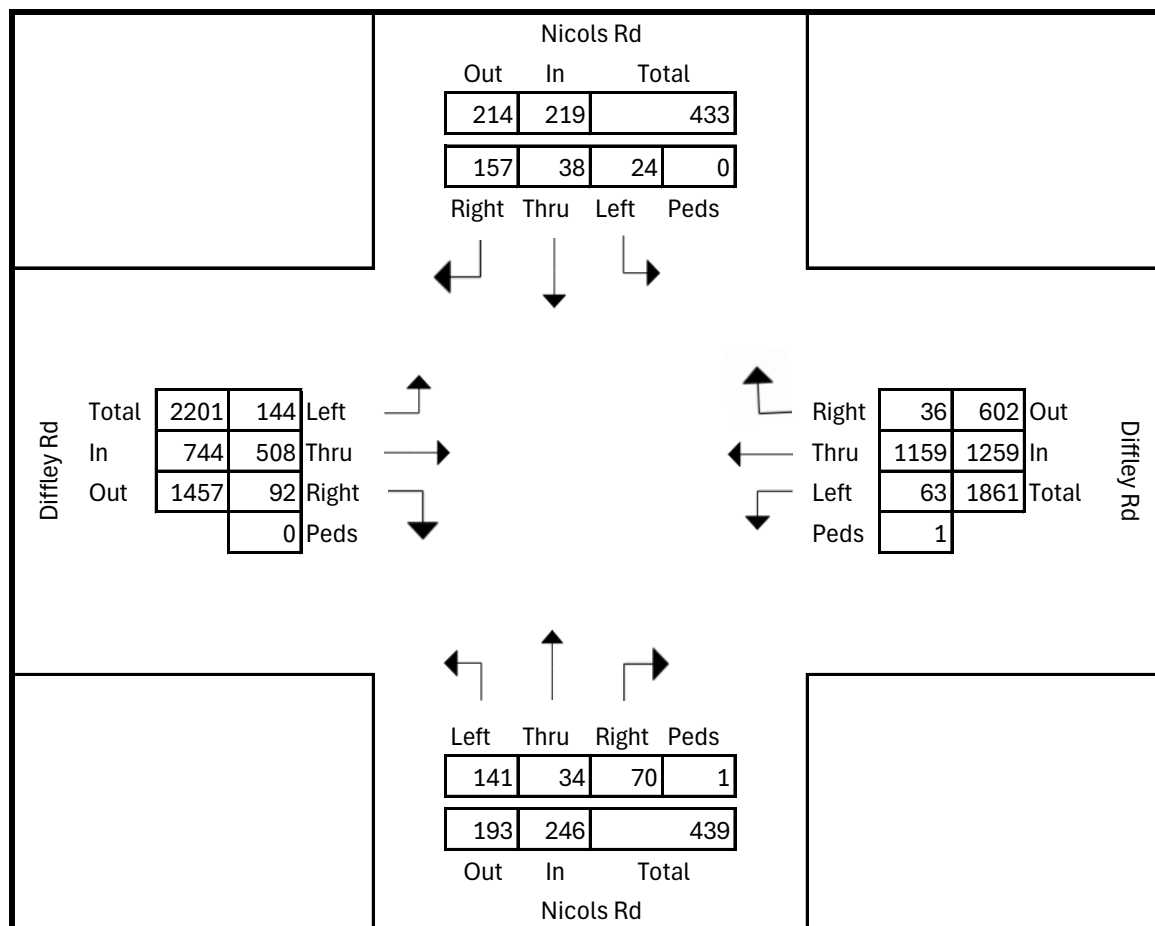
File Name: MN 77 & Diffley Rd at Nicols Rd 2024

Dates: 9/3/2024 - 9/19/24, No Holidays, Average

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AM PEAK	Nicols Rd Southbound				Diffley Rd Westbound				Nicols Rd Northbound				Diffley Rd Eastbound				Int. Total
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
7:15	8	7	43	0	12	272	7	0	39	9	24	0	22	165	25	0	633
7:30	6	11	46	0	17	340	7	0	44	6	11	0	34	119	24	0	665
7:45	8	9	41	0	19	300	11	1	31	7	17	1	36	116	24	0	621
8:00	2	11	27	0	15	247	11	0	27	12	18	0	52	108	19	0	549
Total Volume	24	38	157	0	63	1159	36	1	141	34	70	1	144	508	92	0	2468
% App. Total	11	17.4	71.7	0	5	92.1	2.86	0.08	57.3	13.8	28.5	0.41	19.4	68.3	12.4	0	
PHF	0.75	0.86	0.85	0	0.83	0.85	0.82	0.25	0.8	0.71	0.73	0.25	0.69	0.77	0.92	0	0.93
App. PHF	0.87				0.86				0.85				0.88				



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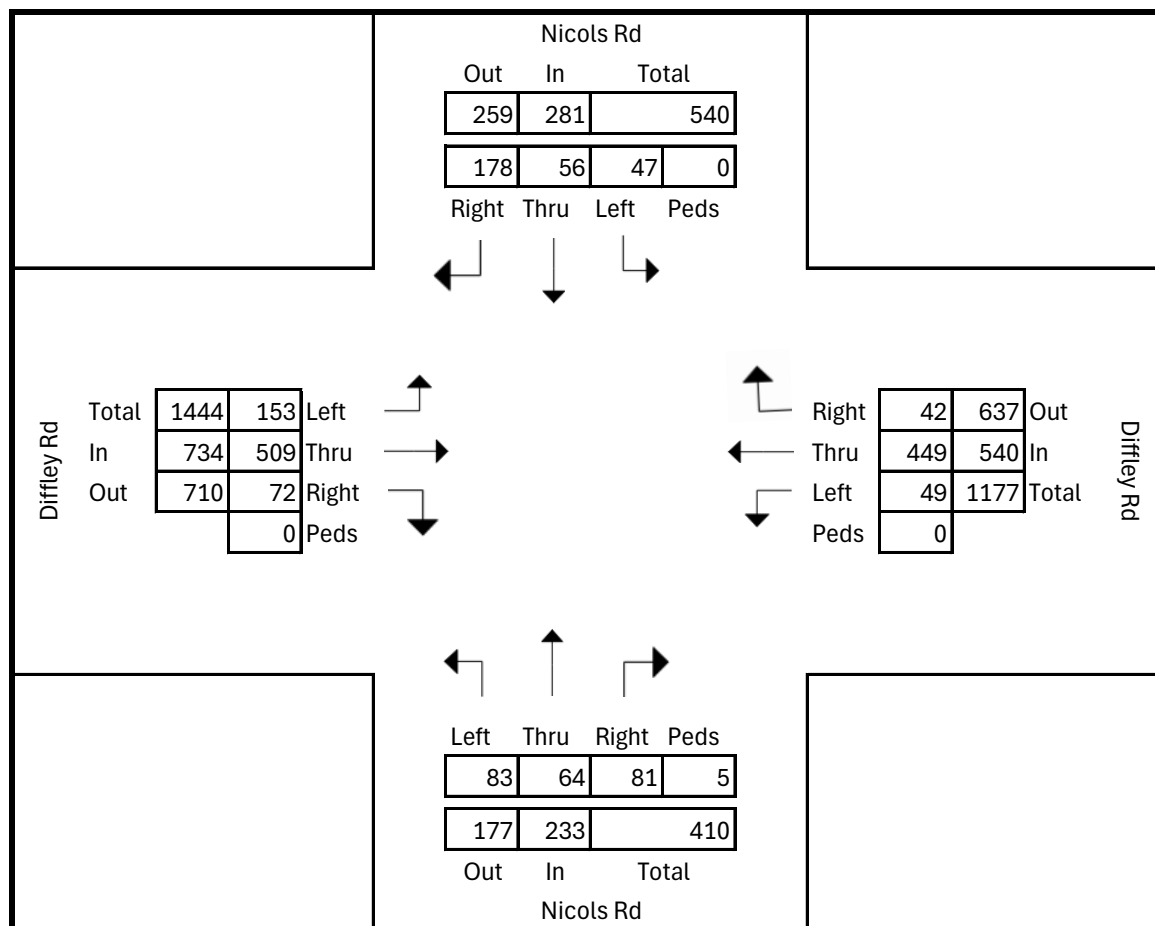
File Name: MN 77 & Diffley Rd at Nicols Rd 2024

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MID PEAK	Nicols Rd Southbound				Diffley Rd Westbound				Nicols Rd Northbound				Diffley Rd Eastbound				Int. Total
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
12:30	13	12	39	0	16	120	10	0	23	17	25	2	47	139	15	0	478
12:45	10	13	47	0	13	104	12	0	19	17	22	2	32	123	16	0	430
13:00	12	13	45	0	11	115	8	0	22	13	21	0	33	127	19	0	439
13:15	12	18	47	0	9	110	12	0	19	17	13	1	41	120	22	0	441
Total Volume	47	56	178	0	49	449	42	0	83	64	81	5	153	509	72	0	1788
% App. Total	16.7	19.9	63.3	0	9.07	83.1	7.78	0	35.6	27.5	34.8	2.15	20.8	69.3	9.81	0	
PHF	0.9	0.78	0.95	0	0.77	0.94	0.88	0	0.9	0.94	0.81	0.63	0.81	0.92	0.82	0	0.94
App. PHF	0.91				0.92				0.87				0.91				



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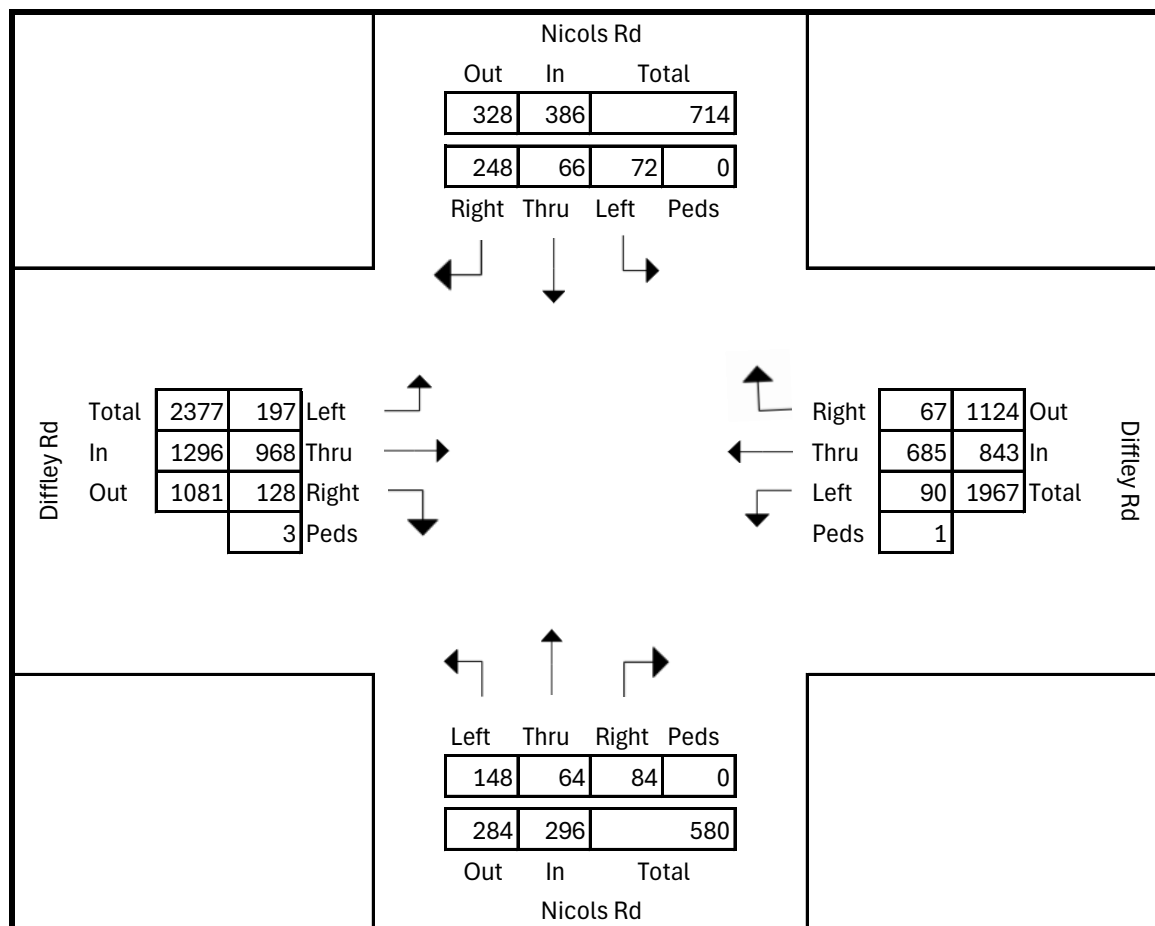
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PM PEAK	Nicols Rd Southbound				Diffley Rd Westbound				Nicols Rd Northbound				Diffley Rd Eastbound				Int. Total
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:30	20	13	62	0	23	174	15	0	30	16	19	0	59	257	33	0	721
16:45	20	14	67	0	24	168	21	1	39	17	21	0	59	223	35	0	709
17:00	18	23	54	0	20	162	19	0	45	17	17	0	39	230	28	3	675
17:15	14	16	65	0	23	181	12	0	34	14	27	0	40	258	32	0	716
Total Volume	72	66	248	0	90	685	67	1	148	64	84	0	197	968	128	3	2821
% App. Total	18.7	17.1	64.2	0	10.7	81.3	7.95	0.12	50	21.6	28.4	0	15.2	74.7	9.88	0.23	
PHF	0.9	0.72	0.93	0	0.94	0.95	0.8	0.25	0.82	0.94	0.78	0	0.83	0.94	0.91	0.25	0.98
App. PHF	0.96				0.98				0.94				0.93				



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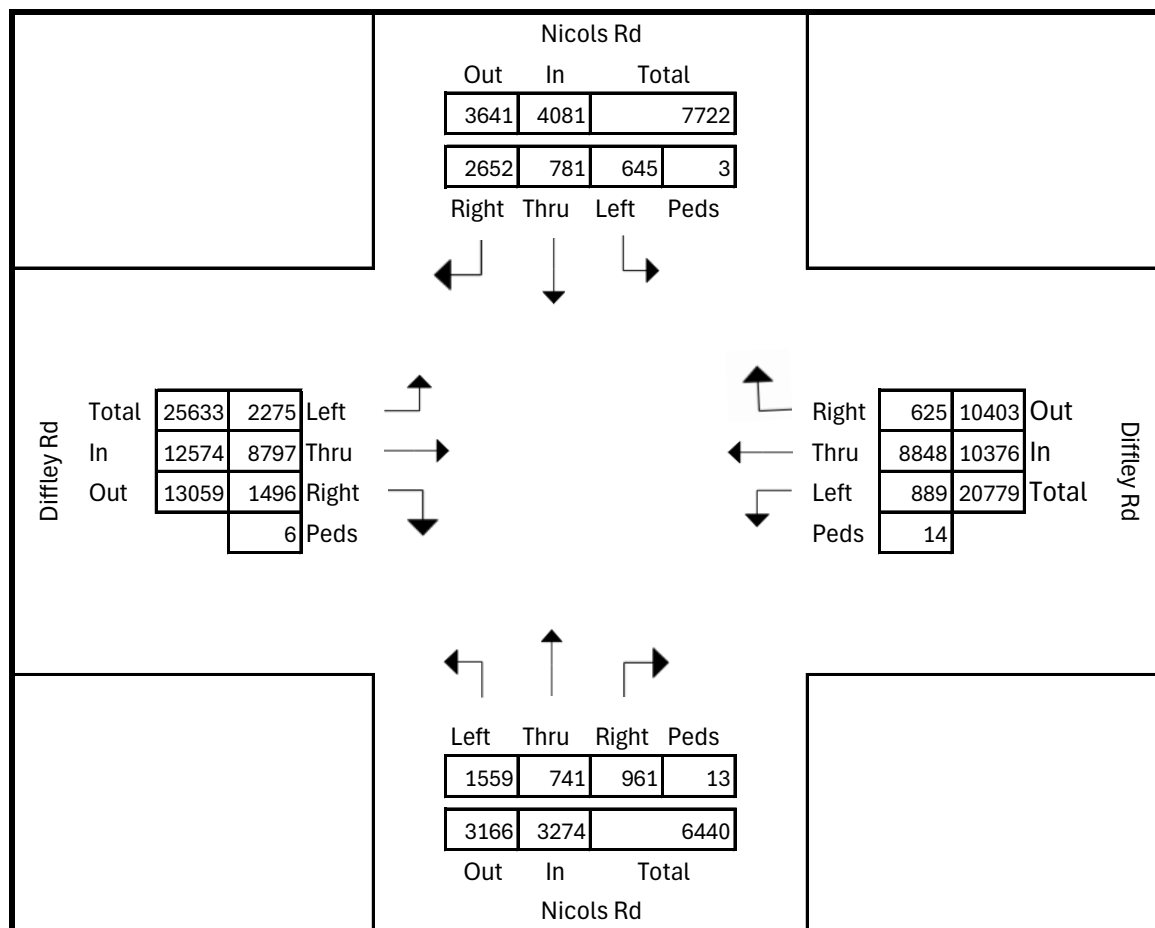
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24 HOUR	Nicols Rd Southbound				Diffley Rd Westbound				Nicols Rd Northbound				Diffley Rd Eastbound				Int. Total
Start Time	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
Total Volume	645	781	2652	3	889	8848	625	14	1559	741	961	13	2275	8797	1496	6	30305
% App. Total	15.8	19.1	65	0.07	8.57	85.3	6.02	0.13	47.6	22.6	29.4	0.4	18.1	70	11.9	0.05	



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Intersection Volume By Time Of Day

