

# Tudor and Ward - TMC

Wed Jun 2, 2021

Full Length (7 AM-9 AM, 4 PM-6 PM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 841528, Location: 38.930405, -94.392664



Provided by: Gewalt Hamilton Associates Inc.  
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg Direction	Ward Rd Southbound				Tudor Rd Westbound				Ward Rd Northbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2021-06-02 7:00AM	4	14	0	18	19	6	0	25	9	14	0	23	66
7:15AM	9	18	0	27	21	12	0	33	12	26	1	39	99
7:30AM	5	18	0	23	14	8	1	23	7	24	1	32	78
7:45AM	8	28	0	36	27	18	0	45	23	16	0	39	120
Hourly Total	26	78	0	104	81	44	1	126	51	80	2	133	363
8:00AM	13	28	0	41	17	12	0	29	15	19	0	34	104
8:15AM	7	16	0	23	15	8	0	23	19	26	0	45	91
8:30AM	12	16	0	28	18	12	0	30	10	18	0	28	86
8:45AM	15	20	0	35	17	19	0	36	16	16	0	32	103
Hourly Total	47	80	0	127	67	51	0	118	60	79	0	139	384
4:00PM	30	37	0	67	19	35	1	55	15	15	2	32	154
4:15PM	28	29	0	57	26	15	0	41	18	19	0	37	135
4:30PM	33	49	1	83	18	22	0	40	29	15	0	44	167
4:45PM	31	45	0	76	33	25	0	58	29	18	0	47	181
Hourly Total	122	160	1	283	96	97	1	194	91	67	2	160	637
5:00PM	37	45	0	82	38	43	0	81	21	24	0	45	208
5:15PM	41	46	0	87	30	20	0	50	11	32	4	47	184
5:30PM	35	52	0	87	28	21	0	49	20	25	0	45	181
5:45PM	30	40	1	71	27	26	0	53	23	23	1	47	171
Hourly Total	143	183	1	327	123	110	0	233	75	104	5	184	744
<b>Total</b>	338	501	2	841	367	302	2	671	277	330	9	616	2128
<b>% Approach</b>	40.2%	59.6%	0.2%	-	54.7%	45.0%	0.3%	-	45.0%	53.6%	1.5%	-	-
<b>% Total</b>	15.9%	23.5%	0.1%	39.5%	17.2%	14.2%	0.1%	31.5%	13.0%	15.5%	0.4%	28.9%	-
<b>Lights</b>	328	497	2	827	363	300	2	665	271	326	9	606	2098
<b>% Lights</b>	97.0%	99.2%	100%	98.3%	98.9%	99.3%	100%	99.1%	97.8%	98.8%	100%	98.4%	98.6%
<b>Articulated Trucks</b>	7	3	0	10	1	0	0	1	0	1	0	1	12
<b>% Articulated Trucks</b>	2.1%	0.6%	0%	1.2%	0.3%	0%	0%	0.1%	0%	0.3%	0%	0.2%	0.6%
<b>Buses and Single-Unit Trucks</b>	3	1	0	4	3	2	0	5	6	3	0	9	18
<b>% Buses and Single-Unit Trucks</b>	0.9%	0.2%	0%	0.5%	0.8%	0.7%	0%	0.7%	2.2%	0.9%	0%	1.5%	0.8%

\*L: Left, R: Right, T: Thru, U: U-Turn

**Tudor and Ward - TMC**

Wed Jun 2, 2021

Full Length (7 AM-9 AM, 4 PM-6 PM)

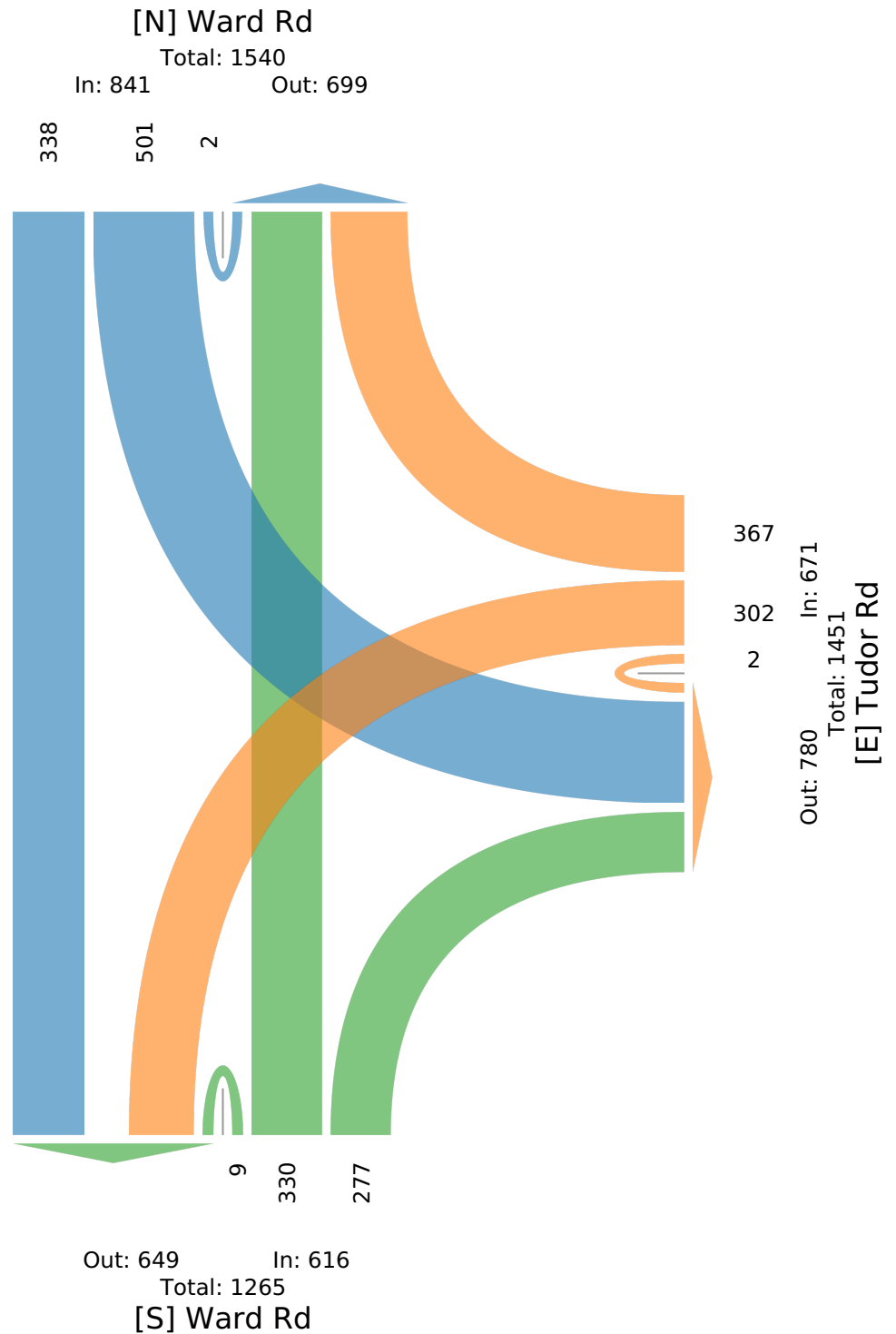
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 841528, Location: 38.930405, -94.392664



Provided by: Gewalt Hamilton Associates Inc.  
625 Forest Edge Drive, Vernon Hills, IL, 60061, US



# Tudor and Ward - TMC

Wed Jun 2, 2021

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 841528, Location: 38.930405, -94.392664

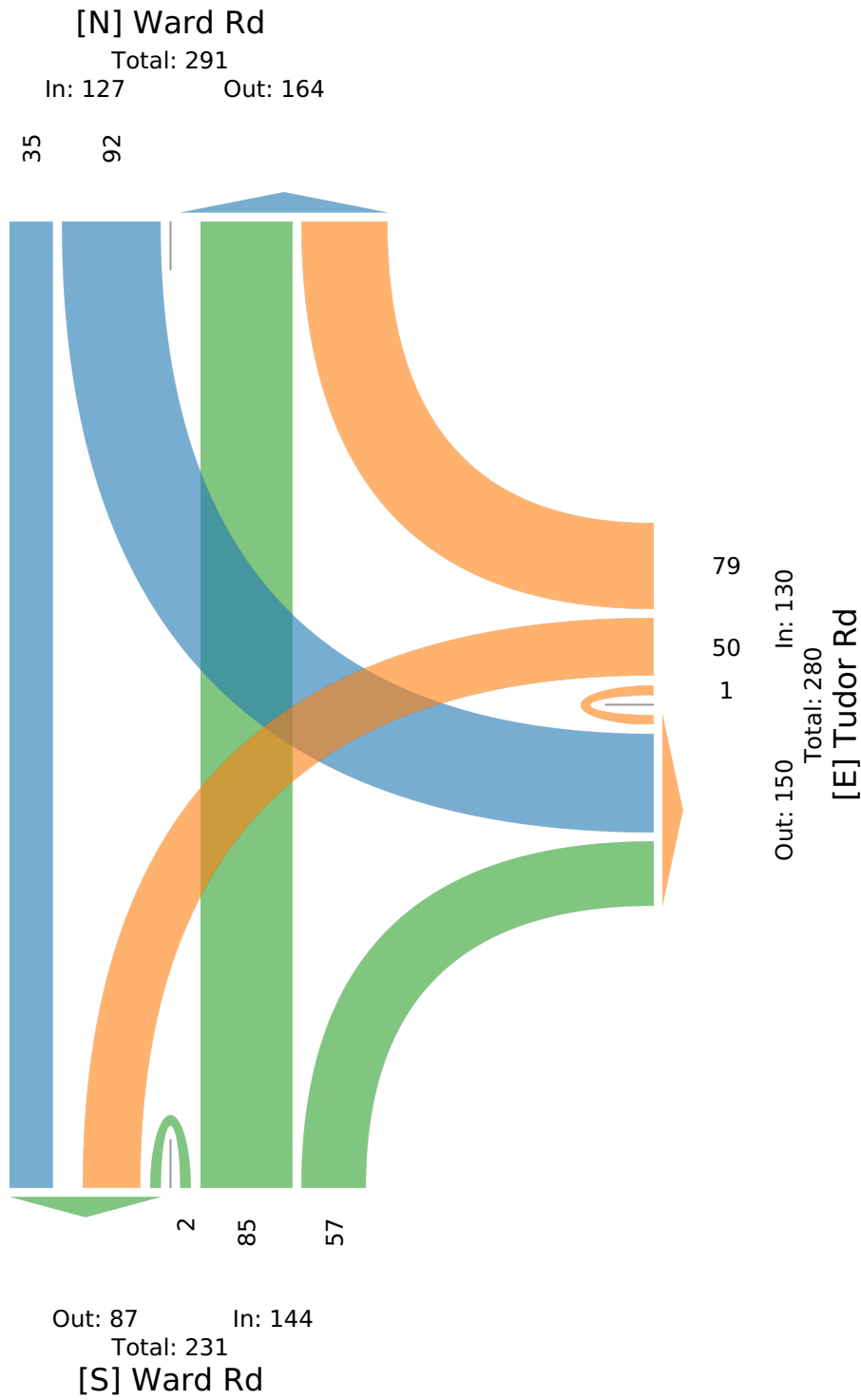


Provided by: Gewalt Hamilton Associates Inc.  
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg Direction	Ward Rd Southbound				Tudor Rd Westbound				Ward Rd Northbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2021-06-02 7:15AM	9	18	0	27	21	12	0	33	12	26	1	39	99
7:30AM	5	18	0	23	14	8	1	23	7	24	1	32	78
7:45AM	8	28	0	36	27	18	0	45	23	16	0	39	120
8:00AM	13	28	0	41	17	12	0	29	15	19	0	34	104
<b>Total</b>	35	92	0	127	79	50	1	130	57	85	2	144	401
<b>% Approach</b>	27.6%	72.4%	0%	-	60.8%	38.5%	0.8%	-	39.6%	59.0%	1.4%	-	-
<b>% Total</b>	8.7%	22.9%	0%	31.7%	19.7%	12.5%	0.2%	32.4%	14.2%	21.2%	0.5%	35.9%	-
<b>PHF</b>	0.673	0.821	-	0.774	0.731	0.694	0.250	0.722	0.620	0.817	0.500	0.923	0.835
<b>Lights</b>	31	90	0	121	77	48	1	126	56	85	2	143	390
<b>% Lights</b>	88.6%	97.8%	0%	95.3%	97.5%	96.0%	100%	96.9%	98.2%	100%	100%	99.3%	97.3%
<b>Articulated Trucks</b>	4	1	0	5	0	0	0	0	0	0	0	0	5
<b>% Articulated Trucks</b>	11.4%	1.1%	0%	3.9%	0%	0%	0%	0%	0%	0%	0%	0%	1.2%
<b>Buses and Single-Unit Trucks</b>	0	1	0	1	2	2	0	4	1	0	0	1	6
<b>% Buses and Single-Unit Trucks</b>	0%	1.1%	0%	0.8%	2.5%	4.0%	0%	3.1%	1.8%	0%	0%	0.7%	1.5%

\* L: Left, R: Right, T: Thru, U: U-Turn

Tudor and Ward - TMC  
Wed Jun 2, 2021  
AM Peak (7:15 AM - 8:15 AM)  
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)  
All Movements  
ID: 841528, Location: 38.930405, -94.392664



# Tudor and Ward - TMC

Wed Jun 2, 2021

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

ID: 841528, Location: 38.930405, -94.392664



Provided by: Gewalt Hamilton Associates Inc.  
625 Forest Edge Drive, Vernon Hills, IL, 60061, US

Leg Direction	Ward Rd Southbound				Tudor Rd Westbound				Ward Rd Northbound				
Time	T	L	U	App	R	L	U	App	R	T	U	App	Int
2021-06-02 4:45PM	31	45	0	76	33	25	0	58	29	18	0	47	181
5:00PM	37	45	0	82	38	43	0	81	21	24	0	45	208
5:15PM	41	46	0	87	30	20	0	50	11	32	4	47	184
5:30PM	35	52	0	87	28	21	0	49	20	25	0	45	181
<b>Total</b>	144	188	0	332	129	109	0	238	81	99	4	184	754
<b>% Approach</b>	43.4%	56.6%	0%	-	54.2%	45.8%	0%	-	44.0%	53.8%	2.2%	-	-
<b>% Total</b>	19.1%	24.9%	0%	44.0%	17.1%	14.5%	0%	31.6%	10.7%	13.1%	0.5%	24.4%	-
<b>PHF</b>	0.878	0.904	-	0.954	0.849	0.634	-	0.735	0.698	0.773	0.250	0.979	0.906
<b>Lights</b>	143	188	0	331	129	109	0	238	79	96	4	179	748
<b>% Lights</b>	99.3%	100%	0%	99.7%	100%	100%	0%	100%	97.5%	97.0%	100%	97.3%	99.2%
<b>Articulated Trucks</b>	0	0	0	0	0	0	0	0	0	1	0	1	1
<b>% Articulated Trucks</b>	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.0%	0%	0.5%	0.1%
<b>Buses and Single-Unit Trucks</b>	1	0	0	1	0	0	0	0	2	2	0	4	5
<b>% Buses and Single-Unit Trucks</b>	0.7%	0%	0%	0.3%	0%	0%	0%	0%	2.5%	2.0%	0%	2.2%	0.7%

\* L: Left, R: Right, T: Thru, U: U-Turn

Tudor and Ward - TMC  
Wed Jun 2, 2021  
PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour  
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)  
All Movements  
ID: 841528, Location: 38.930405, -94.392664

