

Tudor and Douglas - 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: 841531, Location: 38.930632, -94.379552



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

Leg Direction	NE Douglas St Southbound					Tudor Rd Westbound					NE Douglas St Northbound					Tudor Rd Eastbound					
Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2021-06-02 7:00AM	12	35	26	0	73	52	17	13	0	82	10	59	3	0	72	1	11	13	0	25	252
7:15AM	16	46	51	0	113	54	28	12	0	94	19	56	5	0	80	2	20	7	0	29	316
7:30AM	13	50	28	0	91	53	18	17	0	88	16	91	5	0	112	0	16	6	0	22	313
7:45AM	26	74	32	0	132	49	39	11	0	99	24	90	12	0	126	1	15	14	0	30	387
Hourly Total	67	205	137	0	409	208	102	53	0	363	69	296	25	0	390	4	62	40	0	106	1268
8:00AM	16	55	41	0	112	41	30	13	0	84	17	56	2	0	75	1	22	8	0	31	302
8:15AM	15	52	32	0	99	38	23	14	0	75	20	79	6	0	105	4	22	17	0	43	322
8:30AM	16	75	29	0	120	32	28	14	0	74	13	55	2	0	70	3	22	11	0	36	300
8:45AM	22	72	41	0	135	51	32	17	0	100	27	54	5	0	86	2	19	11	0	32	353
Hourly Total	69	254	143	0	466	162	113	58	0	333	77	244	15	0	336	10	85	47	0	142	1277
4:00PM	13	125	75	1	214	35	35	20	0	90	23	78	3	0	104	7	44	22	0	73	481
4:15PM	17	123	64	0	204	39	28	21	0	88	12	71	5	0	88	6	29	17	0	52	432
4:30PM	23	135	79	0	237	45	23	29	0	97	19	80	2	0	101	7	55	27	0	89	524
4:45PM	20	143	78	0	241	58	38	35	0	131	24	87	5	0	116	11	50	27	0	88	576
Hourly Total	73	526	296	1	896	177	124	105	0	406	78	316	15	0	409	31	178	93	0	302	2013
5:00PM	28	142	70	0	240	39	38	27	0	104	19	85	3	0	107	6	61	33	0	100	551
5:15PM	18	105	71	0	194	43	37	25	0	105	28	84	0	0	112	5	41	16	0	62	473
5:30PM	18	140	63	0	221	38	31	25	0	94	27	93	4	0	124	11	48	19	0	78	517
5:45PM	10	136	96	0	242	38	44	29	0	111	22	72	3	0	97	13	43	15	0	71	521
Hourly Total	74	523	300	0	897	158	150	106	0	414	96	334	10	0	440	35	193	83	0	311	2062
Total	283	1508	876	1	2668	705	489	322	0	1516	320	1190	65	0	1575	80	518	263	0	861	6620
% Approach	10.6%	56.5%	32.8%	0%	-	46.5%	32.3%	21.2%	0%	-	20.3%	75.6%	4.1%	0%	-	9.3%	60.2%	30.5%	0%	-	-
% Total	4.3%	22.8%	13.2%	0%	40.3%	10.6%	7.4%	4.9%	0%	22.9%	4.8%	18.0%	1.0%	0%	23.8%	1.2%	7.8%	4.0%	0%	13.0%	-
Lights	282	1493	864	1	2640	700	484	319	0	1503	318	1180	65	0	1563	80	514	261	0	855	6561
% Lights	99.6%	99.0%	98.6%	100%	99.0%	99.3%	99.0%	99.1%	0%	99.1%	99.4%	99.2%	100%	0%	99.2%	100%	99.2%	99.2%	0%	99.3%	99.1%
Articulated Trucks	1	3	2	0	6	2	1	0	0	3	0	2	0	0	2	0	2	2	0	4	15
% Articulated Trucks	0.4%	0.2%	0.2%	0%	0.2%	0.3%	0.2%	0%	0%	0.2%	0%	0.2%	0%	0%	0.1%	0%	0.4%	0.8%	0%	0.5%	0.2%
Buses and Single-Unit Trucks	0	12	10	0	22	3	4	3	0	10	2	8	0	0	10	0	2	0	0	2	44
% Buses and Single-Unit Trucks	0%	0.8%	1.1%	0%	0.8%	0.4%	0.8%	0.9%	0%	0.7%	0.6%	0.7%	0%	0%	0.6%	0%	0.4%	0%	0%	0.2%	0.7%

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

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

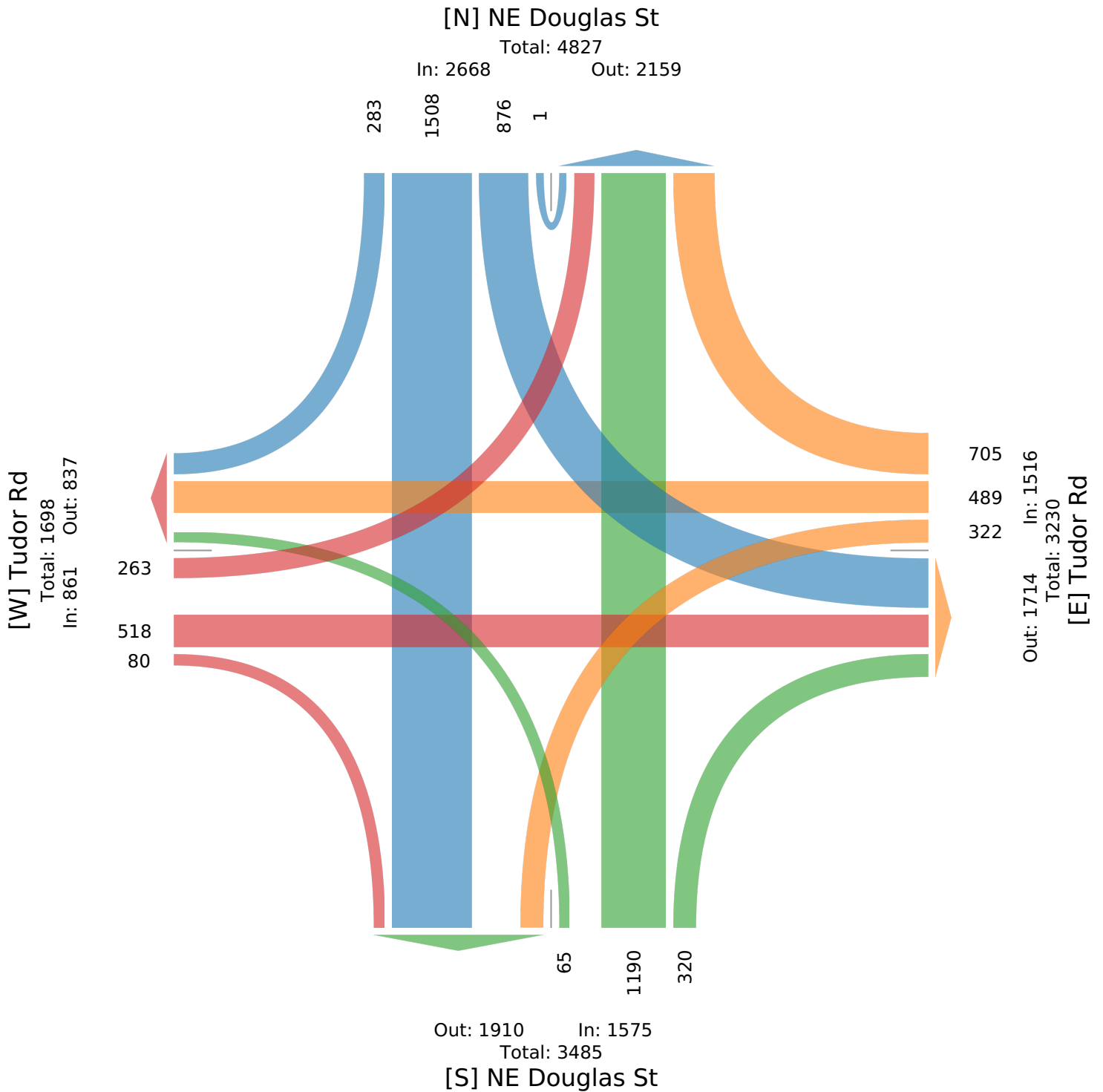
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All Movements

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AM Peak (7:30 AM - 8:30 AM)

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Time	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	Int
2021-06-02 7:30AM	13	50	28	0	91	53	18	17	0	88	16	91	5	0	112	0	16	6	0	22	313
7:45AM	26	74	32	0	132	49	39	11	0	99	24	90	12	0	126	1	15	14	0	30	387
8:00AM	16	55	41	0	112	41	30	13	0	84	17	56	2	0	75	1	22	8	0	31	302
8:15AM	15	52	32	0	99	38	23	14	0	75	20	79	6	0	105	4	22	17	0	43	322
Total	70	231	133	0	434	181	110	55	0	346	77	316	25	0	418	6	75	45	0	126	1324
% Approach	16.1%	53.2%	30.6%	0%	-	52.3%	31.8%	15.9%	0%	-	18.4%	75.6%	6.0%	0%	-	4.8%	59.5%	35.7%	0%	-	-
% Total	5.3%	17.4%	10.0%	0%	32.8%	13.7%	8.3%	4.2%	0%	26.1%	5.8%	23.9%	1.9%	0%	31.6%	0.5%	5.7%	3.4%	0%	9.5%	-
PHF	0.673	0.780	0.811	-	0.822	0.854	0.705	0.809	-	0.874	0.802	0.868	0.521	-	0.829	0.375	0.852	0.662	-	0.733	0.855
Lights	70	228	123	0	421	178	109	53	0	340	76	312	25	0	413	6	73	45	0	124	1298
% Lights	100%	98.7%	92.5%	0%	97.0%	98.3%	99.1%	96.4%	0%	98.3%	98.7%	98.7%	100%	0%	98.8%	100%	97.3%	100%	0%	98.4%	98.0%
Articulated Trucks	0	1	1	0	2	1	0	0	0	1	0	1	0	0	1	0	1	0	0	1	5
% Articulated Trucks	0%	0.4%	0.8%	0%	0.5%	0.6%	0%	0%	0%	0.3%	0%	0.3%	0%	0%	0.2%	0%	1.3%	0%	0%	0.8%	0.4%
Buses and Single-Unit Trucks	0	2	9	0	11	2	1	2	0	5	1	3	0	0	4	0	1	0	0	1	21
% Buses and Single-Unit Trucks	0%	0.9%	6.8%	0%	2.5%	1.1%	0.9%	3.6%	0%	1.4%	1.3%	0.9%	0%	0%	1.0%	0%	1.3%	0%	0%	0.8%	1.6%

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[N] NE Douglas St

Total: 976

In: 434

Out: 542

70

231

133

[W] Tudor Rd

Total: 331

In: 126

Out: 205

45

75

6

181

110

55

Out: 285

In: 346

Total: 631

[E] Tudor Rd

Out: 292

In: 418

Total: 710

[S] NE Douglas St

25

316

77

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PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

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4:45PM	20	143	78	0	241	58	38	35	0	131	24	87	5	0	116	11	50	27	0	88	576
5:00PM	28	142	70	0	240	39	38	27	0	104	19	85	3	0	107	6	61	33	0	100	551
5:15PM	18	105	71	0	194	43	37	25	0	105	28	84	0	0	112	5	41	16	0	62	473
Total	89	525	298	0	912	185	136	116	0	437	90	336	10	0	436	29	207	103	0	339	2124
% Approach	9.8%	57.6%	32.7%	0%	-	42.3%	31.1%	26.5%	0%	-	20.6%	77.1%	2.3%	0%	-	8.6%	61.1%	30.4%	0%	-	-
% Total	4.2%	24.7%	14.0%	0%	42.9%	8.7%	6.4%	5.5%	0%	20.6%	4.2%	15.8%	0.5%	0%	20.5%	1.4%	9.7%	4.8%	0%	16.0%	-
PHF	0.795	0.918	0.943	-	0.946	0.797	0.895	0.829	-	0.834	0.804	0.966	0.500	-	0.940	0.659	0.848	0.780	-	0.848	0.922
Lights	88	522	298	0	908	185	136	116	0	437	90	336	10	0	436	29	207	102	0	338	2119
% Lights	98.9%	99.4%	100%	0%	99.6%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	100%	99.0%	0%	99.7%	99.8%
Articulated Trucks	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
% Articulated Trucks	1.1%	0%	0%	0%	0.1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.0%	0%	0.3%	0.1%
Buses and Single-Unit Trucks	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
% Buses and Single-Unit Trucks	0%	0.6%	0%	0%	0.3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.1%

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