

Tudor and Sloan - 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: 841530, Location: 38.930716, -94.383412



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

Leg Direction	Sloan Southbound					Tudor Rd Westbound					Sloan 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	3	1	0	0	4	0	18	12	0	30	7	1	5	0	13	2	18	2	0	22	69
7:15AM	2	1	0	0	3	0	34	12	0	46	10	2	2	0	14	9	22	5	0	36	99
7:30AM	2	0	1	0	3	1	18	10	0	29	6	0	2	0	8	2	17	3	0	22	62
7:45AM	4	3	0	0	7	1	44	23	0	68	3	4	3	0	10	10	27	8	0	45	130
Hourly Total	11	5	1	0	17	2	114	57	0	173	26	7	12	0	45	23	84	18	0	125	360
8:00AM	3	3	0	0	6	0	24	24	0	48	10	0	4	0	14	5	28	2	0	35	103
8:15AM	2	0	0	0	2	2	23	15	0	40	19	0	3	0	22	6	21	4	0	31	95
8:30AM	1	2	0	0	3	0	31	16	0	47	10	2	1	0	13	2	24	7	0	33	96
8:45AM	3	0	0	0	3	1	34	19	0	54	9	0	7	0	16	7	20	9	0	36	109
Hourly Total	9	5	0	0	14	3	112	74	0	189	48	2	15	0	65	20	93	22	0	135	403
4:00PM	4	1	0	0	5	1	46	7	0	54	17	1	6	0	24	5	48	0	0	53	136
4:15PM	4	0	1	0	5	1	37	13	0	51	13	0	3	0	16	3	40	2	0	45	117
4:30PM	5	2	1	0	8	1	37	9	1	48	16	0	5	0	21	10	73	4	0	87	164
4:45PM	3	1	2	0	6	1	50	8	0	59	15	1	5	0	21	9	68	2	0	79	165
Hourly Total	16	4	4	0	24	4	170	37	1	212	61	2	19	0	82	27	229	8	0	264	582
5:00PM	11	0	2	0	13	0	59	8	0	67	26	1	4	0	31	5	65	3	0	73	184
5:15PM	3	0	1	0	4	0	40	14	0	54	10	1	4	0	15	9	57	2	0	68	141
5:30PM	1	2	0	0	3	0	48	6	0	54	11	1	3	0	15	4	67	0	0	71	143
5:45PM	4	0	0	0	4	0	48	7	0	55	10	1	6	0	17	7	57	3	0	67	143
Hourly Total	19	2	3	0	24	0	195	35	0	230	57	4	17	0	78	25	246	8	0	279	611
Total	55	16	8	0	79	9	591	203	1	804	192	15	63	0	270	95	652	56	0	803	1956
% Approach	69.6%	20.3%	10.1%	0%	-	1.1%	73.5%	25.2%	0.1%	-	71.1%	5.6%	23.3%	0%	-	11.8%	81.2%	7.0%	0%	-	-
% Total	2.8%	0.8%	0.4%	0%	4.0%	0.5%	30.2%	10.4%	0.1%	41.1%	9.8%	0.8%	3.2%	0%	13.8%	4.9%	33.3%	2.9%	0%	41.1%	-
Lights	54	16	7	0	77	9	589	202	1	801	190	15	61	0	266	92	648	54	0	794	1938
% Lights	98.2%	100%	87.5%	0%	97.5%	100%	99.7%	99.5%	100%	99.6%	99.0%	100%	96.8%	0%	98.5%	96.8%	99.4%	96.4%	0%	98.9%	99.1%
Articulated Trucks	0	0	1	0	1	0	1	1	0	2	1	0	0	0	1	2	2	0	0	4	8
% Articulated Trucks	0%	0%	12.5%	0%	1.3%	0%	0.2%	0.5%	0%	0.2%	0.5%	0%	0%	0%	0.4%	2.1%	0.3%	0%	0%	0.5%	0.4%
Buses and Single-Unit Trucks	1	0	0	0	1	0	1	0	0	1	1	0	2	0	3	1	2	2	0	5	10
% Buses and Single-Unit Trucks	1.8%	0%	0%	0%	1.3%	0%	0.2%	0%	0%	0.1%	0.5%	0%	3.2%	0%	1.1%	1.1%	0.3%	3.6%	0%	0.6%	0.5%

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

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

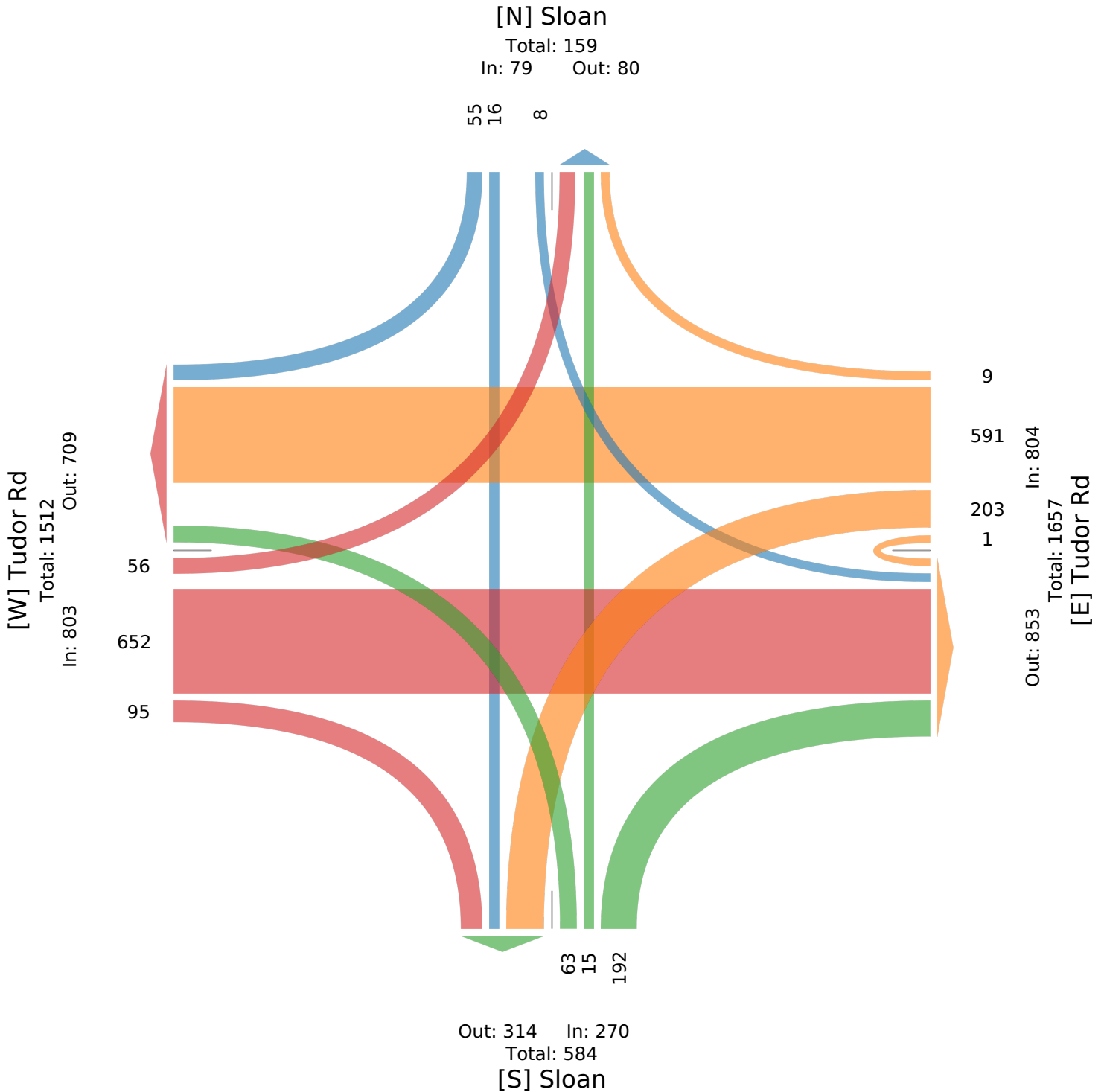
All Classes (Lights, Articulated Trucks, Buses and Single-Unit Trucks)

All Movements

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AM Peak (7:45 AM - 8:45 AM)

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Leg Direction	Sloan Southbound					Tudor Rd Westbound					Sloan 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 7:45AM	4	3	0	0	7	1	44	23	0	68	3	4	3	0	10	10	27	8	0	45	130
8:00AM	3	3	0	0	6	0	24	24	0	48	10	0	4	0	14	5	28	2	0	35	103
8:15AM	2	0	0	0	2	2	23	15	0	40	19	0	3	0	22	6	21	4	0	31	95
8:30AM	1	2	0	0	3	0	31	16	0	47	10	2	1	0	13	2	24	7	0	33	96
Total	10	8	0	0	18	3	122	78	0	203	42	6	11	0	59	23	100	21	0	144	424
% Approach	55.6%	44.4%	0%	0%	-	1.5%	60.1%	38.4%	0%	-	71.2%	10.2%	18.6%	0%	-	16.0%	69.4%	14.6%	0%	-	-
% Total	2.4%	1.9%	0%	0%	4.2%	0.7%	28.8%	18.4%	0%	47.9%	9.9%	1.4%	2.6%	0%	13.9%	5.4%	23.6%	5.0%	0%	34.0%	-
PHF	0.625	0.667	-	-	0.643	0.375	0.693	0.813	-	0.746	0.553	0.375	0.688	-	0.670	0.575	0.893	0.656	-	0.800	0.815
Lights	9	8	0	0	17	3	121	78	0	202	42	6	10	0	58	23	98	19	0	140	417
% Lights	90.0%	100%	0%	0%	94.4%	100%	99.2%	100%	0%	99.5%	100%	100%	90.9%	0%	98.3%	100%	98.0%	90.5%	0%	97.2%	98.3%
Articulated Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Articulated Trucks	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Buses and Single-Unit Trucks	1	0	0	0	1	0	1	0	0	1	0	0	1	0	1	0	2	2	0	4	7
% Buses and Single-Unit Trucks	10.0%	0%	0%	0%	5.6%	0%	0.8%	0%	0%	0.5%	0%	0%	9.1%	0%	1.7%	0%	2.0%	9.5%	0%	2.8%	1.7%

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AM Peak (7:45 AM - 8:45 AM)

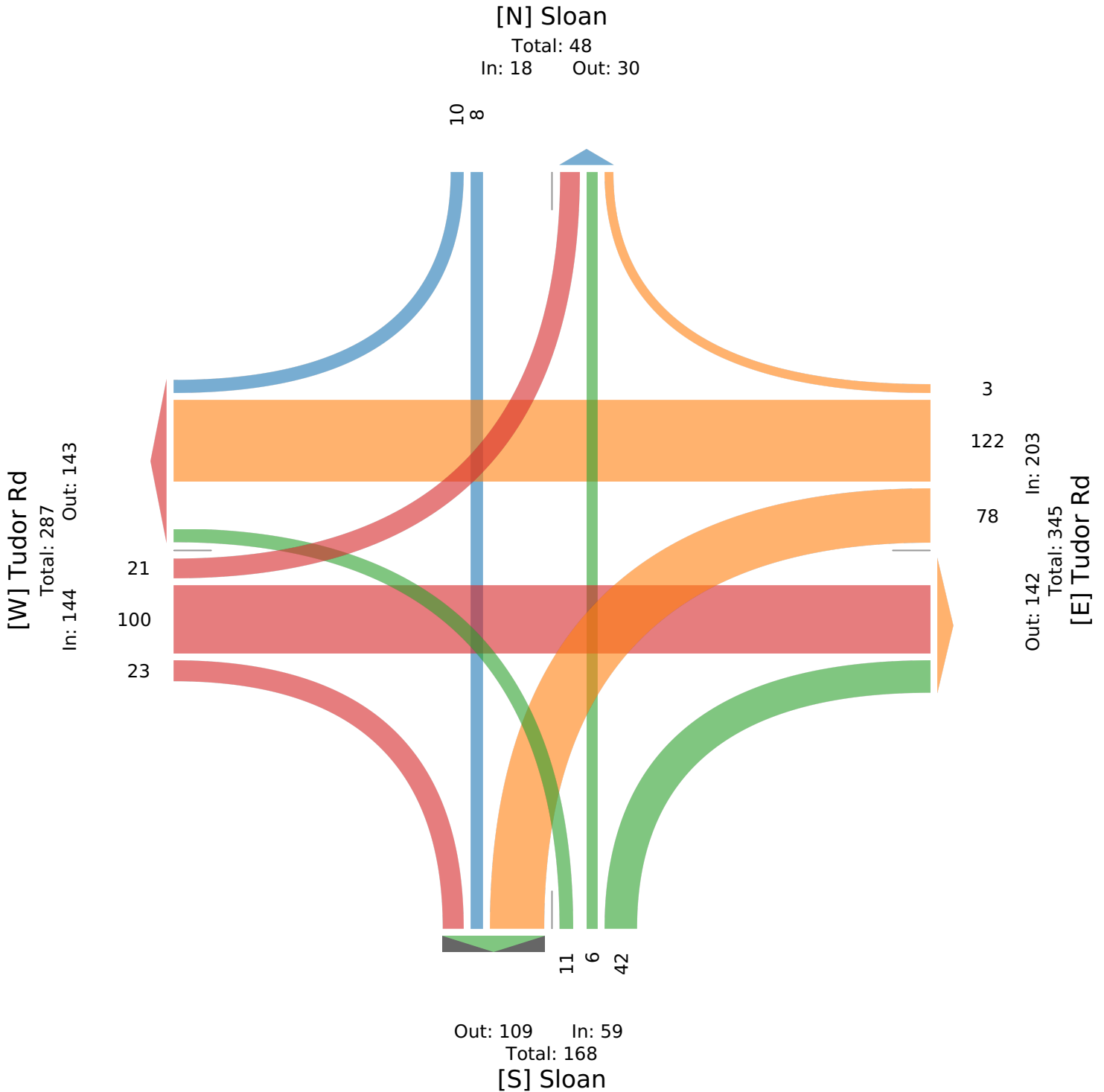
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PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

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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 4:30PM	5	2	1	0	8	1	37	9	1	48	16	0	5	0	21	10	73	4	0	87	164
4:45PM	3	1	2	0	6	1	50	8	0	59	15	1	5	0	21	9	68	2	0	79	165
5:00PM	11	0	2	0	13	0	59	8	0	67	26	1	4	0	31	5	65	3	0	73	184
5:15PM	3	0	1	0	4	0	40	14	0	54	10	1	4	0	15	9	57	2	0	68	141
Total	22	3	6	0	31	2	186	39	1	228	67	3	18	0	88	33	263	11	0	307	654
% Approach	71.0%	9.7%	19.4%	0%	-	0.9%	81.6%	17.1%	0.4%	-	76.1%	3.4%	20.5%	0%	-	10.7%	85.7%	3.6%	0%	-	-
% Total	3.4%	0.5%	0.9%	0%	4.7%	0.3%	28.4%	6.0%	0.2%	34.9%	10.2%	0.5%	2.8%	0%	13.5%	5.0%	40.2%	1.7%	0%	46.9%	-
PHF	0.500	0.375	0.750	-	0.596	0.500	0.788	0.696	0.250	0.851	0.644	0.750	0.900	-	0.710	0.825	0.901	0.688	-	0.882	0.889
Lights	22	3	6	0	31	2	186	38	1	227	66	3	18	0	87	31	263	11	0	305	650
% Lights	100%	100%	100%	0%	100%	100%	100%	97.4%	100%	99.6%	98.5%	100%	100%	0%	98.9%	93.9%	100%	100%	0%	99.3%	99.4%
Articulated Trucks	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	1	0	0	0	1	3
% Articulated Trucks	0%	0%	0%	0%	0%	0%	0%	2.6%	0%	0.4%	1.5%	0%	0%	0%	1.1%	3.0%	0%	0%	0%	0.3%	0.5%
Buses and Single-Unit Trucks	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
% Buses and Single-Unit Trucks	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3.0%	0%	0%	0%	0.3%	0.2%

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