

Intersection Traffic Counts

Intersection: #11 CSAH101 & Excelsior
 Count Date(s): Thu, Mar 1, 2018
 Peaks: 6-9:30AM, 11AM-1PM, 2:30-6PM

Prepared by: Associated Consulting Services LLC
 www.acsteam.com
 (612) 568-3227

All Vehicles_AM Peak (7:00AM-8:00AM) at #11 CSAH101 & Excelsior																											
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)						15-min Veh Total	15-min Ped Total	
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*			
7:00	-	35	36	46	117	-	-	7	35	26	68	-	-	29	102	14	145	-	-	52	23	19	94	-	424	-	
7:15	-	43	48	81	172	-	-	10	54	25	89	1	-	33	86	16	135	1	-	64	48	23	135	-	531	2	
7:30	-	37	58	87	182	-	-	11	59	51	121	-	-	36	127	21	184	-	-	72	48	42	162	-	649	-	
7:45	-	34	60	31	125	-	-	11	26	26	63	-	-	14	107	17	138	-	-	72	52	37	161	1	487	1	
Total	-	149	202	245	596	-	-	39	174	128	341	1	-	112	422	68	602	1	-	260	171	121	552	1	2091	3	
% App	-	25%	34%	41%	100%	-	-	11%	51%	38%	100%	-	-	19%	70%	11%	100%	-	-	47%	31%	22%	100%	-	-	-	
% Total	-	7%	10%	12%	29%	-	-	2%	8%	6%	16%	33%	-	-	5%	20%	3%	29%	33%	-	12%	8%	6%	26%	33%	100%	100%
PHF	-	0.866	0.842	0.704	0.819	-	-	0.886	0.737	0.627	0.705	-	-	0.778	0.831	0.810	0.818	-	-	0.903	0.822	0.720	0.852	-	0.805	-	
0	-	134	197	241	572	-	-	39	170	127	336	-	-	107	418	64	589	-	-	255	168	114	537	-	2034	-	
0 %	-	90%	98%	98%	96%	-	-	100%	98%	99%	99%	-	-	96%	99%	94%	98%	-	-	98%	98%	94%	97%	-	97%	-	
HC Vehicles	-	15	5	4	24	-	-	-	4	1	5	-	-	5	4	4	13	-	-	5	3	7	15	-	57	-	
HC Vehicles %	-	10%	2%	2%	4%	-	-	-	2%	1%	1%	-	-	4%	1%	6%	2%	-	-	2%	2%	6%	3%	-	3%	-	

All Vehicles_Midday Peak (12:00PM-1:00PM) at #11 CSAH101 & Excelsior																										
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)						15-min Veh Total	15-min Ped Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
12:00	-	40	55	14	109	2	-	5	5	28	38	-	-	2	65	7	74	-	-	20	7	5	32	-	253	2
12:15	-	33	60	9	102	-	-	12	5	47	64	-	-	6	52	9	67	1	-	13	8	5	26	1	259	2
12:30	-	35	49	11	95	-	-	7	2	43	52	-	-	6	60	10	76	-	-	21	7	2	30	-	253	-
12:45	-	41	63	8	112	-	-	11	5	35	51	-	-	4	60	13	77	-	-	15	6	5	26	-	266	-
Total	-	149	227	42	418	2	-	35	17	153	205	-	-	18	237	39	294	1	-	69	28	17	114	1	1031	4
% App	-	36%	54%	10%	100%	-	-	17%	8%	75%	100%	-	-	6%	81%	13%	100%	-	-	61%	25%	15%	100%	-	-	-
% Total	-	14%	22%	4%	41%	50%	-	3%	2%	15%	20%	-	-	2%	23%	4%	29%	25%	-	7%	3%	2%	11%	25%	100%	100%
PHF	-	0.909	0.901	0.750	0.933	-	-	0.729	0.850	0.814	0.801	-	-	0.750	0.912	0.750	0.955	-	-	0.821	0.875	0.850	0.891	-	0.969	-
0	-	146	215	42	403	-	-	35	16	148	199	-	-	17	233	39	289	-	-	66	27	17	110	-	1001	-
0 %	-	98%	95%	100%	96%	-	-	100%	94%	97%	97%	-	-	94%	98%	100%	98%	-	-	96%	96%	100%	96%	-	97%	-
HC Vehicles	-	3	12	-	15	-	-	-	1	5	6	-	-	1	4	-	5	-	-	3	1	-	4	-	30	-
HC Vehicles %	-	2%	5%	-	4%	-	-	-	6%	3%	3%	-	-	6%	2%	-	2%	-	-	4%	4%	-	4%	-	3%	-

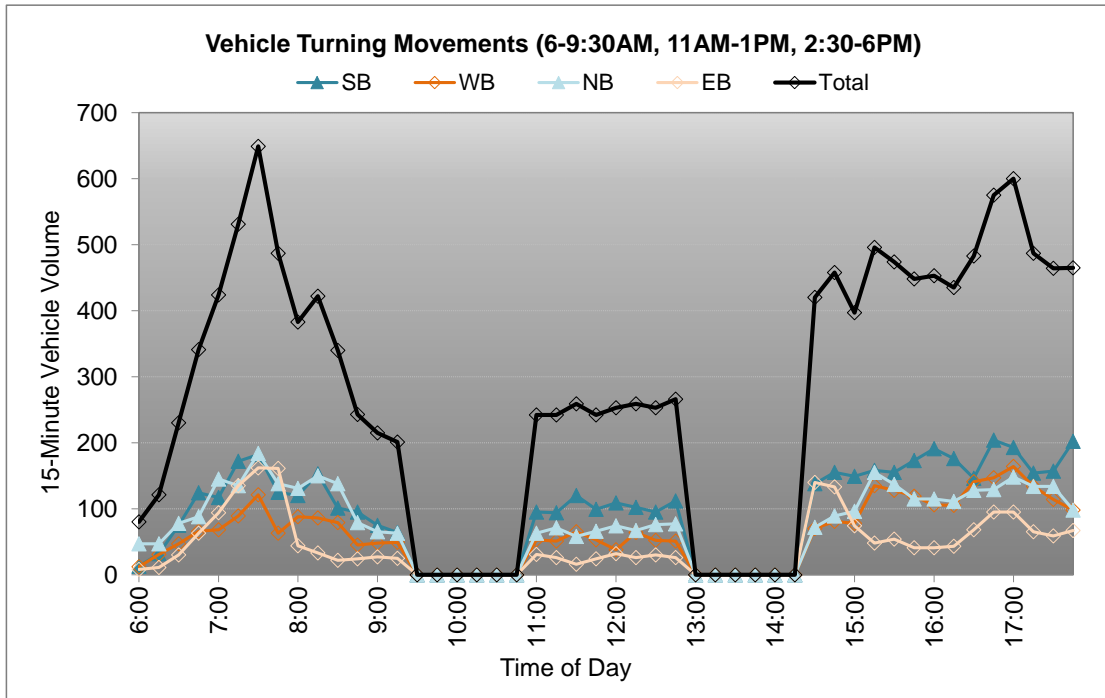
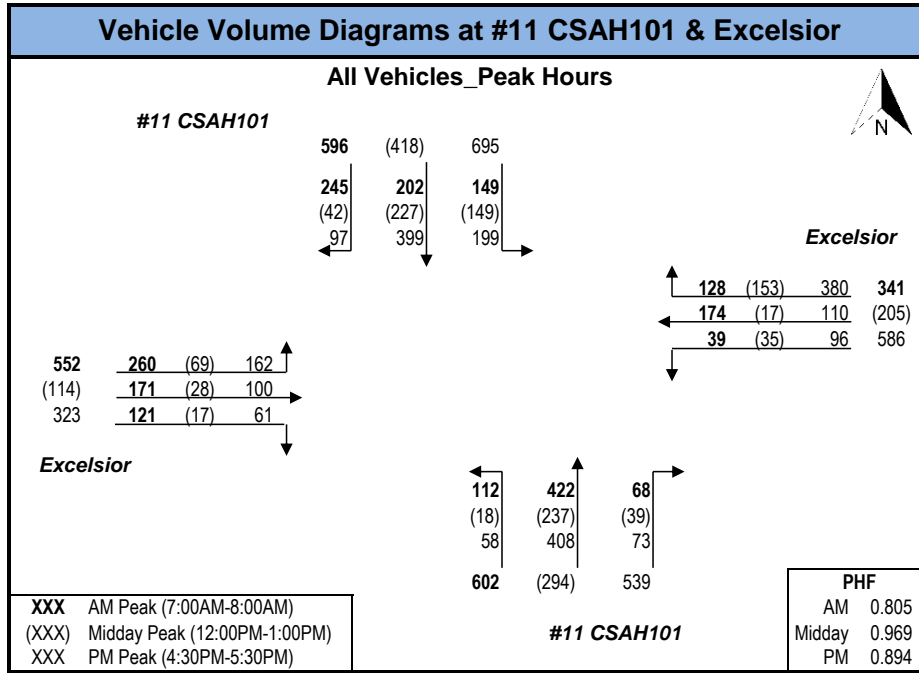
All Vehicles_PM Peak (4:30PM-5:30PM) at #11 CSAH101 & Excelsior																										
Start Time	From North (Southbound)						From East (Westbound)						From South (Northbound)						From West (Eastbound)						15-min Veh Total	15-min Ped Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
16:30	-	44	80	22	146	-	-	26	24	91	141	-	-	19	95	14	128	-	-	30	21	17	68	-	483	-
16:45	2	58	116	28	204	5	-	17	35	95	147	3	-	16	92	21	129	-	-	55	24	16	95	-	575	8
17:00	-	55	112	26	193	-	-	27	26	111	164	-	-	12	122	14	148	-	-	46	29	20	95	-	600	-
17:15	-	42	91	21	154	-	-	26	25	83	134	-	-	11	99	24	134	-	-	31	26	8	65	-	487	-
Total	2	199	399	97	697	5	-	96	110	380	586	3	-	58	408	73	539	-	-	162	100	61	323	-	2145	8
% App	0%	29%	57%	14%	100%	-	-	16%	19%	65%	100%	-	-	11%	76%	14%	100%	-	-	50%	31%	19%	100%	-	-	-
% Total	0%	9%	19%	5%	32%	63%	-	4%	5%	18%	27%	38%	-	3%	19%	3%	25%	-	-	8%	5%	3%	15%	-	100%	100%
PHF	0.250	0.858	0.860	0.866	0.854	-	-	0.889	0.786	0.856	0.893	-	-	0.763	0.836	0.760	0.910	-	-	0.736	0.862	0.763	0.850	-	0.894	-
0	2	198	395	97	692	-	-	95	109	377	581	-	-	56	404	73	533	-	-	161	100	61	322	-	2128	-
0 %	100%	99%	99%	100%	99%	-	-	99%	99%	99%	99%	-	-	97%	99%	100%	99%	-	-	99%	100%	100%	100%	-	99%	-
HC Vehicles	-	1	4	-	5	-	-	1	1	3	5	-	-	2	4	-	6	-	-	1	-	-	1	-	17	-
HC Vehicles %	-	1%	1%	-	1%	-	-	1%	1%	1%	1%	-	-	3%	1%	-	1%	-	-	1%	-	-	0%	-	1%	-

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total
 asterisk (*) indicates pedestrians and bicyclists on crosswalk
 dash (-) in the table indicates zero or not applicable
 % App = percentage of specific movement total in relation to its approach total
 % Total = percentage of specific movement total in relation to its intersection total
 Passenger Vehicles % = percentage of passenger vehicle total in a specific movement
 HC Vehicles % = percentage of heavy commercial vehicle total in a specific movement

Intersection Traffic Counts

Intersection: #11 CSAH101 & Excelsior
Count Date(s): Thu, Mar 1, 2018
Peaks: 6-9:30AM, 11AM-1PM, 2:30-6PM

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Passenger Vehicles_ Entire Duration (6-9:30AM, 11AM-1PM, 2:30-6PM) at CSAH101 & Excelsior Blvd																				
Start Time	From North (Southbound)					From East (Westbound)					From South (Northbound)					From West (Eastbound)				
	U	L	T	R	Ped*	U	L	T	R	Ped*	U	L	T	R	Ped*	U	L	T	R	Ped*
6:00	-	2	6	5	-	-	2	4	6	-	-	5	37	3	-	-	5	3	-	-
6:15	-	11	10	8	-	-	5	7	18	-	-	3	42	1	-	-	6	3	2	-
6:30	-	16	22	35	-	-	3	21	23	-	-	14	53	10	-	-	17	11	1	-
6:45	-	15	29	75	-	-	5	42	19	-	-	24	61	2	-	-	38	19	6	-
7:00	-	27	36	46	-	-	7	35	26	-	-	29	101	14	-	-	50	23	19	-
7:15	-	39	48	81	-	-	10	50	25	1	-	29	83	15	1	-	64	46	21	-
7:30	-	37	57	84	-	-	11	59	51	-	-	35	127	20	-	-	70	47	40	-
7:45	-	31	56	30	-	-	11	26	25	-	-	14	107	15	-	-	71	52	34	1
8:00	-	43	58	11	-	-	27	8	49	-	1	5	96	26	-	-	19	18	7	-
8:15	-	52	82	15	1	-	20	9	53	-	-	5	103	32	-	-	22	9	1	-
8:30	-	35	49	13	-	-	10	13	55	-	-	6	117	12	-	-	11	3	7	-
8:45	-	28	49	14	1	-	10	3	30	1	-	5	62	7	-	-	13	5	4	-
9:00	-	25	40	8	-	-	10	4	33	-	-	1	55	8	-	-	17	6	3	-
9:15	-	19	36	7	-	-	7	9	30	-	-	2	57	4	-	-	20	3	2	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	41	49	4	-	-	13	5	33	-	-	4	49	9	-	-	15	7	7	-
11:15	1	31	56	5	1	-	11	6	34	-	-	3	54	13	-	-	18	6	1	-
11:30	-	41	68	9	-	-	10	8	47	-	-	1	49	7	-	-	8	5	3	-
11:45	-	31	58	9	-	-	6	4	42	-	-	3	53	7	-	-	12	6	6	-
12:00	-	39	52	14	2	-	5	4	28	-	-	2	64	7	-	-	20	7	5	-
12:15	-	32	59	9	-	-	12	5	46	-	-	5	51	9	1	-	13	7	5	1
12:30	-	34	45	11	-	-	7	2	40	-	-	6	58	10	-	-	18	7	2	-
12:45	-	41	59	8	-	-	11	5	34	-	-	4	60	13	-	-	15	6	5	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	35	77	23	1	-	12	18	40	1	-	9	56	6	2	1	50	44	32	2
14:45	-	45	68	38	1	-	18	16	46	-	-	11	67	7	3	-	66	37	26	-
15:00	-	44	76	22	-	-	23	17	36	1	-	12	66	15	-	-	30	28	16	4
15:15	-	43	82	29	-	-	13	20	101	1	-	18	95	33	5	-	25	11	11	-
15:30	-	44	80	30	-	-	26	39	62	-	-	28	85	18	-	-	30	15	8	-
15:45	-	56	84	26	1	-	22	35	61	-	-	16	89	9	3	-	15	17	9	7
16:00	-	63	94	29	-	-	12	25	67	-	-	9	90	12	-	-	25	8	8	-
16:15	-	49	102	24	-	-	18	30	54	-	-	7	90	9	6	-	20	17	5	1
16:30	-	44	80	22	-	-	25	24	91	-	-	18	95	14	-	-	30	21	17	-
16:45	2	57	115	28	5	-	17	34	94	3	-	15	90	21	-	-	54	24	16	-
17:00	-	55	110	26	-	-	27	26	110	-	-	12	121	14	-	-	46	29	20	-
17:15	-	42	90	21	-	-	26	25	82	-	-	11	98	24	-	-	31	26	8	-
17:30	-	36	90	30	-	-	22	24	68	-	-	9	108	16	-	-	21	23	15	-
17:45	-	59	110	31	-	-	15	23	59	-	-	9	77	11	-	-	34	17	16	-

U = U-Turn, L = Left, T = Thru, R = Right
 asterisk (*) indicates pedestrians and bicyclists on crosswalk
 dash (-) in the table indicates zero or not applicable

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HC Vehicles Entire Duration (6-9:30AM, 11AM-1PM, 2:30-6PM) at CSAH101 & Excelsior Blvd																
Start Time	From North (Southbound)				From East (Westbound)				From South (Northbound)				From West (Eastbound)			
	U	L	T	R	U	L	T	R	U	L	T	R	U	L	T	R
6:00	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
6:15	-	1	2	-	-	-	-	1	-	-	1	-	-	-	-	-
6:30	-	-	2	-	-	-	-	-	-	-	1	-	-	1	-	-
6:45	-	2	3	-	-	-	-	-	-	-	1	-	-	-	-	-
7:00	-	8	-	-	-	-	-	-	-	-	1	-	-	2	-	-
7:15	-	4	-	-	-	-	4	-	-	4	3	1	-	-	2	2
7:30	-	-	1	3	-	-	-	-	-	1	-	1	-	2	1	2
7:45	-	3	4	1	-	-	-	1	-	-	-	2	-	1	-	3
8:00	-	1	7	-	-	2	-	2	-	-	3	-	-	-	-	-
8:15	-	1	3	-	-	-	2	2	-	1	8	1	-	-	1	-
8:30	-	3	-	1	-	1	-	-	-	-	3	-	-	1	-	-
8:45	-	-	3	1	-	-	-	2	-	-	5	-	-	1	1	-
9:00	-	1	1	-	-	-	-	1	-	-	1	-	-	1	-	-
9:15	-	-	1	1	-	-	1	2	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	1	-	-	-	-	-	2	-	-	-	1	-	2	-	-
11:15	-	-	1	-	-	-	-	-	-	-	1	-	-	1	-	-
11:30	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-
11:45	-	-	1	-	-	-	-	1	-	1	1	1	-	-	-	-
12:00	-	1	3	-	-	-	1	-	-	-	1	-	-	-	-	-
12:15	-	1	1	-	-	-	-	1	-	1	1	-	-	-	1	-
12:30	-	1	4	-	-	-	-	3	-	-	2	-	-	3	-	-
12:45	-	-	4	-	-	-	-	1	-	-	-	-	-	-	-	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	1	-	2	-	-	-	-	-	-	1	-	-	3	3	7
14:45	-	1	3	-	-	-	-	1	-	-	4	-	-	3	1	-
15:00	-	3	4	-	-	1	-	1	-	-	3	-	-	-	-	-
15:15	-	-	4	-	-	-	-	1	-	-	4	5	-	-	-	1
15:30	-	-	1	-	-	-	-	1	-	-	6	-	-	-	-	1
15:45	-	-	6	1	-	-	-	1	-	-	1	-	-	-	-	-
16:00	-	1	4	-	-	2	-	-	-	-	4	-	-	-	-	-
16:15	-	-	1	-	-	2	-	1	-	1	4	-	-	1	-	-
16:30	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
16:45	-	1	1	-	-	-	1	1	-	1	2	-	-	1	-	-
17:00	-	-	2	-	-	-	-	1	-	-	1	-	-	-	-	-
17:15	-	-	1	-	-	-	-	1	-	-	1	-	-	-	-	-
17:30	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-
17:45	-	-	2	-	-	-	-	1	-	-	1	-	-	-	-	-

U = U-Turn, L = Left, T = Thru, R = Right
 dash (-) in the table indicates zero or not applicable