

**Alliant Engineering, Inc**

733 Marquette Ave, Ste 700

Minneapolis, MN 55402

--TRAFFIC DATA--

CSAH 5 & 58th St  
 No Ref Point  
 Data by: Alliant Engineering, Inc.  
 TURN MOVEMENT COUNT

File Name : 701\_CSAH 5 & 58th St  
 Site Code : 701  
 Start Date : 5/24/2018  
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	CSAH 5 Southbound					58th St Westbound					CSAH 5 Northbound					58th St Eastbound					Int. Total
	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
06:00 AM	0	12	44	17	73	0	17	3	9	29	0	15	29	0	44	0	1	1	9	11	157
06:15 AM	0	10	65	18	93	2	11	5	14	32	0	22	53	2	77	0	5	2	8	15	217
06:30 AM	0	31	84	23	138	0	19	2	20	41	0	20	80	7	107	0	5	3	15	23	309
06:45 AM	0	22	86	103	211	0	27	7	31	65	1	27	88	4	120	0	3	7	15	25	421
Total	0	75	279	161	515	2	74	17	74	167	1	84	250	13	348	0	14	13	47	74	1104
07:00 AM	0	22	101	182	305	0	45	7	53	105	0	45	84	3	132	0	9	14	19	42	584
07:15 AM	0	31	113	188	332	0	63	7	57	127	1	36	117	5	159	0	8	24	18	50	668
07:30 AM	0	27	158	111	296	0	48	11	60	119	0	46	200	4	250	0	5	24	16	45	710
07:45 AM	0	41	125	52	218	0	36	14	48	98	0	35	152	8	195	0	6	10	21	37	548
Total	0	121	497	533	1151	0	192	39	218	449	1	162	553	20	736	0	28	72	74	174	2510
08:00 AM	0	28	98	49	175	0	42	6	28	76	0	30	119	2	151	0	10	1	19	30	432
08:15 AM	0	30	115	46	191	0	48	6	27	81	0	44	128	3	175	0	6	5	25	36	483
08:30 AM	0	23	79	75	177	0	34	2	27	63	0	41	142	3	186	1	4	6	18	29	455
08:45 AM	0	37	93	74	204	1	63	5	42	111	0	43	144	5	192	0	4	9	22	35	542
Total	0	118	385	244	747	1	187	19	124	331	0	158	533	13	704	1	24	21	84	130	1912
09:00 AM	0	34	102	75	211	0	69	14	37	120	1	35	102	1	139	0	5	7	31	43	513
09:15 AM	0	22	82	58	162	0	75	12	30	117	1	29	89	7	126	0	5	6	24	35	440
*** BREAK ***																					
Total	0	56	184	133	373	0	144	26	67	237	2	64	191	8	265	0	10	13	55	78	953
*** BREAK ***																					
10:30 AM	0	24	87	51	162	0	53	10	56	119	1	34	89	2	126	0	6	14	28	48	455
10:45 AM	0	26	103	66	195	0	73	12	40	125	0	45	97	5	147	0	7	12	19	38	505
Total	0	50	190	117	357	0	126	22	96	244	1	79	186	7	273	0	13	26	47	86	960
11:00 AM	0	22	78	46	146	0	63	9	60	132	0	42	95	5	142	0	8	9	16	33	453
11:15 AM	0	27	92	80	199	3	81	7	36	127	3	45	104	5	157	0	5	6	20	31	514
11:30 AM	0	21	81	73	175	0	109	16	48	173	0	45	113	7	165	0	5	9	20	34	547
11:45 AM	0	21	71	69	161	0	98	7	63	168	0	50	91	9	150	0	5	8	43	56	535
Total	0	91	322	268	681	3	351	39	207	600	3	182	403	26	614	0	23	32	99	154	2049
12:00 PM	0	13	86	64	163	0	106	14	54	174	0	46	94	3	143	0	5	16	25	46	526
12:15 PM	0	18	111	92	221	0	99	15	58	172	0	43	111	5	159	0	10	10	25	45	597
12:30 PM	0	17	93	85	195	1	98	21	59	179	0	45	114	5	164	0	6	14	24	44	582
12:45 PM	0	19	72	59	150	0	78	11	45	134	0	58	109	4	171	0	5	11	37	53	508
Total	0	67	362	300	729	1	381	61	216	659	0	192	428	17	637	0	26	51	111	188	2213
01:00 PM	0	23	98	76	197	0	88	18	48	154	0	51	75	8	134	0	6	18	22	46	531
01:15 PM	0	23	78	51	152	1	92	13	53	159	0	43	95	4	142	0	8	10	30	48	501
*** BREAK ***																					
Total	0	46	176	127	349	1	180	31	101	313	0	94	170	12	276	0	14	28	52	94	1032
02:00 PM	0	18	112	83	213	0	105	13	55	173	0	63	143	14	220	0	4	7	19	30	636
02:15 PM	1	25	89	88	203	0	162	6	116	284	0	66	209	9	284	0	7	9	27	43	814
02:30 PM	0	23	122	83	228	0	107	15	105	227	2	43	141	9	195	0	4	11	23	38	688
02:45 PM	0	15	95	110	220	0	91	9	61	161	0	64	110	6	180	0	7	16	41	64	625
Total	1	81	418	364	864	0	465	43	337	845	2	236	603	38	879	0	22	43	110	175	2763
03:00 PM	0	16	145	100	261	1	104	10	65	180	0	71	169	10	250	0	5	11	27	43	734

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	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
03:15 PM	3	24	116	108	251	0	113	16	80	209	0	57	159	3	219	0	2	15	32	49	728
03:30 PM	0	19	125	103	247	0	87	13	71	171	0	61	171	4	236	0	4	14	27	45	699
03:45 PM	1	25	127	104	257	1	94	11	75	181	3	54	179	9	245	0	2	9	25	36	719
Total	4	84	513	415	1016	2	398	50	291	741	3	243	678	26	950	0	13	49	111	173	2880
04:00 PM	0	21	132	111	264	0	90	12	61	163	1	66	215	4	286	0	6	11	31	48	761
04:15 PM	0	26	139	111	276	0	113	9	73	195	1	82	176	3	262	0	5	17	47	69	802
04:30 PM	1	21	145	116	283	1	117	12	96	226	4	50	201	5	260	0	2	8	40	50	819
04:45 PM	0	32	149	116	297	0	104	15	86	205	2	67	230	9	308	0	5	14	40	59	869
Total	1	100	565	454	1120	1	424	48	316	789	8	265	822	21	1116	0	18	50	158	226	3251
05:00 PM	0	26	134	125	285	0	126	10	83	219	0	56	261	8	325	1	3	17	49	70	899
05:15 PM	0	24	140	141	305	0	124	18	57	199	4	63	230	6	303	0	4	9	44	57	864
05:30 PM	1	22	113	96	232	1	123	17	68	209	0	51	270	11	332	0	4	10	34	48	821
05:45 PM	1	18	124	93	236	0	94	7	66	167	0	54	272	9	335	0	4	8	43	55	793
Total	2	90	511	455	1058	1	467	52	274	794	4	224	1033	34	1295	1	15	44	170	230	3377
*** BREAK ***																					
Grand Total	8	979	4402	3571	8960	12	3389	447	2321	6169	25	1983	5850	235	8093	2	220	442	1118	1782	25004
Apprch %	0.1	10.9	49.1	39.9		0.2	54.9	7.2	37.6		0.3	24.5	72.3	2.9		0.1	12.3	24.8	62.7		
Total %	0	3.9	17.6	14.3	35.8	0	13.6	1.8	9.3	24.7	0.1	7.9	23.4	0.9	32.4	0	0.9	1.8	4.5	7.1	
Cars	7	908	4173	3491	8579	5	3297	429	2242	5973	8	1918	5569	223	7718	0	205	423	1047	1675	23945
% Cars	87.5	92.7	94.8	97.8	95.7	41.7	97.3	96	96.6	96.8	32	96.7	95.2	94.9	95.4	0	93.2	95.7	93.6	94	95.8
Trucks	1	71	229	80	381	7	92	18	79	196	17	65	281	12	375	2	15	19	71	107	1059
% Trucks	12.5	7.3	5.2	2.2	4.3	58.3	2.7	4	3.4	3.2	68	3.3	4.8	5.1	4.6	100	6.8	4.3	6.4	6	4.2

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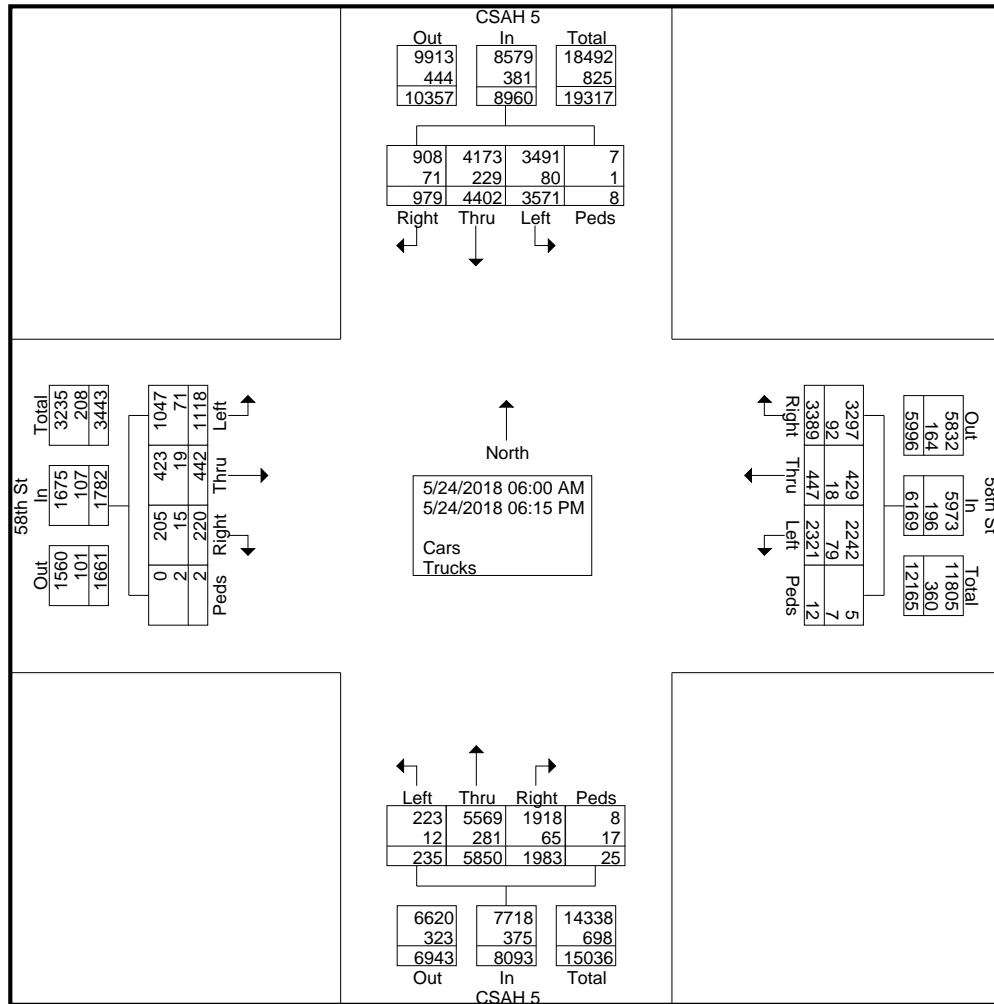
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	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00 AM																					
07:00 AM	0	22	101	182	305	0	45	7	53	105	0	45	84	3	132	0	<b>9</b>	14	19	42	584
07:15 AM	0	31	113	<b>188</b>	<b>332</b>	0	<b>63</b>	7	57	<b>127</b>	<b>1</b>	36	117	5	159	0	8	<b>24</b>	18	<b>50</b>	668
07:30 AM	0	27	<b>158</b>	111	296	0	48	11	<b>60</b>	119	0	<b>46</b>	<b>200</b>	4	<b>250</b>	0	5	24	16	45	<b>710</b>
07:45 AM	0	<b>41</b>	125	52	218	0	36	<b>14</b>	48	98	0	35	152	<b>8</b>	195	0	6	10	<b>21</b>	37	548
Total Volume	0	121	497	533	1151	0	192	39	218	449	1	162	553	20	736	0	28	72	74	174	2510
% App. Total	0	10.5	43.2	46.3		0	42.8	8.7	48.6		0.1	22	75.1	2.7		0	16.1	41.4	42.5		
PHF	.000	.738	.786	.709	.867	.000	.762	.696	.908	.884	.250	.880	.691	.625	.736	.000	.778	.750	.881	.870	.884

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Peak Hour Analysis From 12:00 PM to 06:15 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 04:45 PM

04:45 PM	0	<b>32</b>	<b>149</b>	116	297	0	104	15	<b>86</b>	205	2	<b>67</b>	230	9	308	0	<b>5</b>	14	40	59	869
05:00 PM	0	26	134	125	285	0	<b>126</b>	10	83	<b>219</b>	0	56	261	8	325	<b>1</b>	3	<b>17</b>	<b>49</b>	<b>70</b>	<b>899</b>
05:15 PM	0	24	140	<b>141</b>	<b>305</b>	0	124	<b>18</b>	57	199	<b>4</b>	63	230	6	303	0	4	9	44	57	864
05:30 PM	<b>1</b>	22	113	96	232	<b>1</b>	123	17	68	209	0	51	<b>270</b>	<b>11</b>	<b>332</b>	0	4	10	34	48	821
Total Volume	1	104	536	478	1119	1	477	60	294	832	6	237	991	34	1268	1	16	50	167	234	3453
% App. Total	0.1	9.3	47.9	42.7		0.1	57.3	7.2	35.3		0.5	18.7	78.2	2.7		0.4	6.8	21.4	71.4		
PHF	.250	.813	.899	.848	.917	.250	.946	.833	.855	.950	.375	.884	.918	.773	.955	.250	.800	.735	.852	.836	.960

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