

ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: CSAH 56 & Cahill Avenue
Date: 9/19/2024
Duration: 0600-1900

Site Code: 402
Ref Pt: N/A
Page No: 1 of 4

All Vehicles (Cars & Trucks) Printed

	Cahill Avenue Southbound						CSAH 56 Westbound						Cahill Avenue Northbound						CSAH 56 Eastbound						Int. Veh.	Int. Ped/ Bike Total
Start Time	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	Total	Bike Total
6:00	--	1	2	6	9	2	--	8	31	1	40	2	--	8	2	3	13	--	--	2	14	7	23	--	85	4
6:15	--	2	2	3	7	1	--	11	42	2	55	--	--	16	2	1	19	--	2	4	23	13	42	--	123	1
6:30	--	4	6	6	16	--	--	6	54	2	62	--	--	23	1	--	24	--	3	7	17	15	42	--	144	--
6:45	--	4	7	11	22	1	--	13	62	2	77	--	--	19	1	6	26	--	1	11	22	15	49	--	174	1
Hour Total	--	11	17	26	54	4	--	38	189	7	234	2	--	66	6	10	82	--	6	24	76	50	156	--	526	6
7:00	--	2	10	7	19	--	--	5	55	2	62	--	--	17	8	5	30	--	1	10	24	32	67	--	178	--
7:15	--	2	23	15	40	--	--	19	64	3	86	--	--	37	6	4	47	--	1	10	25	29	65	--	238	--
7:30	--	1	23	11	35	--	--	25	79	3	107	--	--	59	22	15	96	--	1	5	29	41	76	--	314	--
7:45	--	3	13	14	30	3	--	13	50	6	69	--	--	42	14	18	74	--	2	15	24	16	57	--	230	3
Hour Total	--	8	69	47	124	3	--	62	248	14	324	--	--	155	50	42	247	--	5	40	102	118	265	--	960	3
8:00	--	3	13	21	37	1	--	9	42	5	56	--	--	21	18	6	45	--	3	9	29	19	60	--	198	1
8:15	--	4	24	26	54	--	--	18	45	8	71	--	--	25	11	5	41	--	1	8	29	15	53	--	219	--
8:30	--	1	13	15	29	2	--	9	41	5	55	--	--	19	3	8	30	--	4	5	30	13	52	--	166	2
8:45	--	2	12	11	25	--	--	10	42	5	57	--	--	25	12	4	41	--	3	13	27	15	58	--	181	--
Hour Total	--	10	62	73	145	3	--	46	170	23	239	--	--	90	44	23	157	--	11	35	115	62	223	--	764	3
9:00	--	6	10	10	26	2	--	12	42	2	56	--	--	22	8	2	32	--	2	5	18	7	32	--	146	2
9:15	--	3	12	10	25	2	--	10	34	6	50	1	--	24	5	8	37	--	4	10	23	14	51	1	163	4
9:30	--	3	14	11	28	1	--	12	36	8	56	2	--	25	10	8	43	--	7	13	25	10	55	--	182	3
9:45	--	1	24	14	39	--	--	10	34	5	49	--	--	17	21	6	44	--	5	12	30	21	68	1	200	1
Hour Total	--	13	60	45	118	5	--	44	146	21	211	3	--	88	44	24	156	--	18	40	96	52	206	2	691	10
10:00	--	2	8	9	19	1	--	10	38	2	50	1	--	17	11	11	39	--	4	14	33	22	73	2	181	4
10:15	--	3	18	10	31	2	--	15	27	6	48	--	--	21	14	9	44	--	6	10	25	13	54	--	177	2
10:30	--	2	12	18	32	1	--	12	33	5	50	1	--	25	18	12	55	--	8	16	37	19	80	--	217	2
10:45	--	4	12	9	25	1	--	13	36	2	51	1	--	26	12	5	43	--	7	9	35	22	73	--	192	2
Hour Total	--	11	50	46	107	5	--	50	134	15	199	3	--	89	55	37	181	--	25	49	130	76	280	2	767	10
11:00	--	8	18	12	38	3	--	17	44	4	65	3	--	27	11	4	42	--	7	14	22	17	60	--	205	6
11:15	--	3	23	20	46	1	--	14	33	2	49	--	--	33	12	8	53	--	7	13	42	15	77	--	225	1
11:30	--	1	16	14	31	--	--	14	48	1	63	--	--	40	13	8	61	--	10	13	41	20	84	1	239	1
11:45	--	2	19	13	34	--	--	22	32	4	58	--	--	31	19	13	63	--	9	15	39	19	82	--	237	--
Hour Total	--	14	76	59	149	4	--	67	157	11	235	3	--	131	55	33	219	--	33	55	144	71	303	1	906	8
12:00	--	5	14	14	33	1	--	12	48	8	68	2	--	43	18	12	73	--	7	11	28	15	61	--	235	3
12:15	--	7	14	16	37	1	1	16	47	4	68	--	--	27	18	4	49	--	10	18	49	21	98	--	252	1
12:30	--	9	7	11	27	--	--	16	35	2	53	--	--	32	21	10	63	--	5	15	38	10	68	--	211	--
12:45	--	2	13	13	28	--	--	12	38	6	56	--	--	17	13	5	35	1	12	20	49	26	107	4	226	5
Hour Total	--	23	48	54	125	2	1	56	168	20	245	2	--	119	70	31	220	1	34	64	164	72	334	4	924	9
13:00	--	5	18	11	34	--	--	20	38	4	62	--	--	39	12	10	61	--	6	20	44	15	85	--	242	--
13:15	--	--	20	21	41	--	--	16	39	1	56	--	--	24	9	12	45	--	11	20	53	17	101	--	243	--
13:30	--	1	16	17	34	1	--	15	28	7	50	--	--	20	17	9	46	--	8	12	47	18	85	--	215	1
13:45	--	5	16	9	30	1	--	14	25	3	42	1	--	26	13	3	42	--	7	17	41	20	85	--	199	2
Hour Total	--	11	70	58	139	2	--	65	130	15	210	1	--	109	51	34	194	--	32	69	185	70	356	--	899	3
14:00	--	5	27	17	49	2	--	24	36	7	67	1	--	25	14	2	41	--	13	21	45	22	101	--	258	3
14:15	--	2	18	20	40	--	--	9	34	3	46	--	--	45	19	10	74	--	6	25	46	27	104	--	264	--
14:30	--	6	18	9	33	--	--	15	35	5	55	2	--	40	19	13	72	--	17	16	52	10	95	--	255	2
14:45	--	5	16	7	28	1	--	8	43	8	59	1	--	33	11	11	55	--	13	17	55	13	98	--	240	2
Hour Total	--	18	79	53	150	3	--	56	148	23	227	4	--	143	63	36	242	--	49	79	198	72	398	--	1017	7
15:00	--	3	7	15	25	1	--	10	61	2	73	--	--	28	12	13	53	--	6	17	77	19	119	--	270	1
15:15	--	8	27	16	51	--	--	24	40	7	71	--	--	30	10	5	45	--	14	23	70	29	136	--	303	--
15:30	--	6	24	29	59	--	--	19	58	8	85	--	--	52	19	8	79	--	10	21	66	22	119	--	342	--
15:45	--	5	26	19	50	--	--	17	47	8	72	--	--	33	17	12	62	1	12	27	85	21	145	--	329	1
Hour Total	--	22	84	79	185	1	--	70	206	25	301	--	--	143	58	38	239	1	42	88	298	91	519	--	1244	2
16:00	--	5	14	27	46	2	--	15	63	6	84	--	--	39	22	19	80	1	10	36	90	17	153	1	363	4
16:15	--	12	25	18	55	1	--	13	50	8	71	--	--	36	10	20	66	--	3	18	88	21	130	--	322	1
16:30	--	5	20	20	45	--	--	14	42	5	61	--	--	31	15	15	61	--	10	18	83	26	137	--	304	--
16:45	--	9	15	11	35	--	1	18	39	8	66	--	1	25	13	17	56	--	12	17	73	26	128	--	285	--
Hour Total	--	31	74	76	181	3	1	60	194	27	282	--	1	131	60	71	263	1	35	89	334	90	548	1	1274	5
17:00	--	8	16	10	34	--	--	18	50	6	74	--	--	35	12	15	62	--	11	21	67	23	122	--	292	--
17:15	--																									

ALLIANT ENGINEERING, INC.

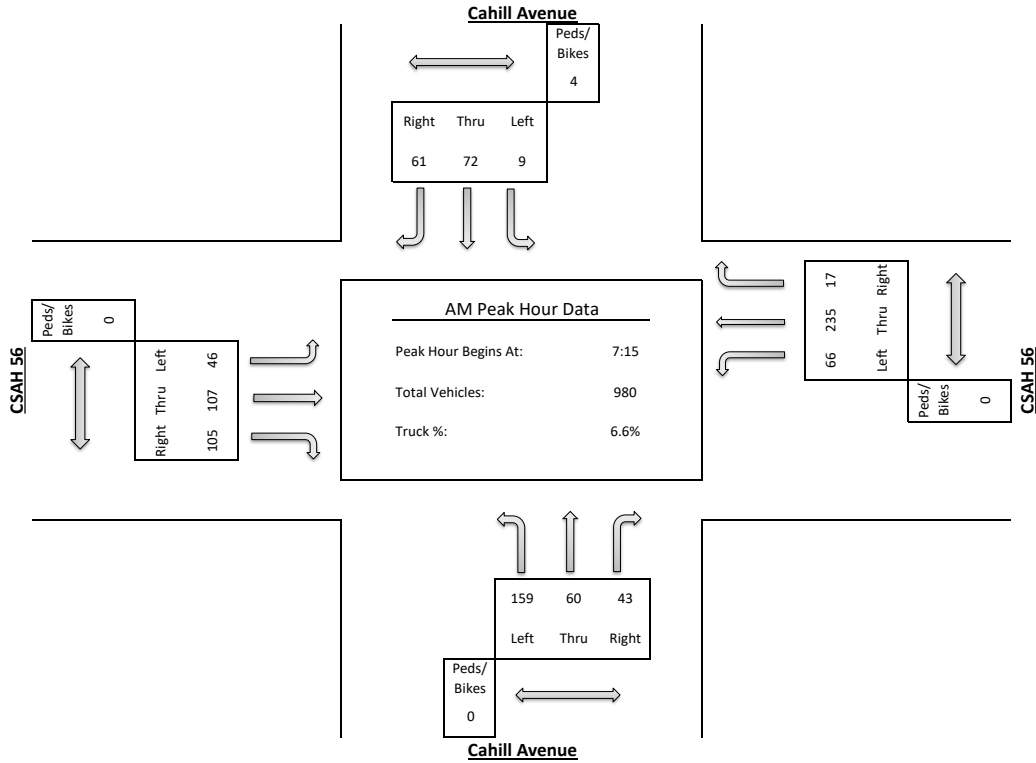
733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: CSAH 56 & Cahill Avenue
Date: 9/19/2024
Duration: 0600-1900

Site Code: 402
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All Vehicles (Cars & Trucks) Printed

	Cahill Avenue Southbound						CSAH 56 Westbound						Cahill Avenue Northbound						CSAH 56 Eastbound						Int. Veh.	Int. Ped/
Start Time	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	Total	Bike Total
7:15	--	2	23	15	40	--	--	19	64	3	86	--	--	37	6	4	47	--	1	10	25	29	65	--	238	--
7:30	--	1	23	11	35	--	--	25	79	3	107	--	--	59	22	15	96	--	1	5	29	41	76	--	314	--
7:45	--	3	13	14	30	3	--	13	50	6	69	--	--	42	14	18	74	--	2	15	24	16	57	--	230	3
8:00	--	3	13	21	37	1	--	9	42	5	56	--	--	21	18	6	45	--	3	9	29	19	60	--	198	1
Hour Total	--	9	72	61	142	4	--	66	235	17	318	--	--	159	60	43	262	--	7	39	107	105	258	--	980	4
% of App.	0.0%	6.3%	50.7%	43.0%			0.0%	20.8%	73.9%	5.3%			0.0%	60.7%	22.9%	16.4%			2.7%	15.1%	41.5%	40.7%				
% of Total	0.0%	0.9%	7.3%	6.2%	14.5%	100.0%	0.0%	6.7%	24.0%	1.7%	32.4%	0.0%	0.0%	16.2%	6.1%	4.4%	26.7%	0.0%	0.7%	4.0%	10.9%	10.7%	26.3%	0.0%		
Cars Total	--	9	65	60	134	4	--	64	222	14	300	--	--	153	51	41	245	--	7	37	91	101	236	--	915	4
Cars % of Movement	0.0%	100%	90.3%	98.4%	94.4%	100.0%	0.0%	97.0%	94.5%	82.4%	94.3%	0.0%	0.0%	96.2%	85.0%	95.3%	93.5%	0.0%	100%	94.9%	85.0%	96.2%	91.5%	0.0%	93.4%	
Trucks Total	--	--	7	1	8	--	--	2	13	3	18	--	--	6	9	2	17	--	--	2	16	4	22	--	65	--
Trucks % of Movement	0.0%	0.0%	9.7%	1.6%	5.6%	--	0.0%	3.0%	5.5%	17.6%	5.7%	--	0.0%	3.8%	15.0%	4.7%	6.5%	--	0.0%	5.1%	15.0%	3.8%	8.5%	--	6.6%	



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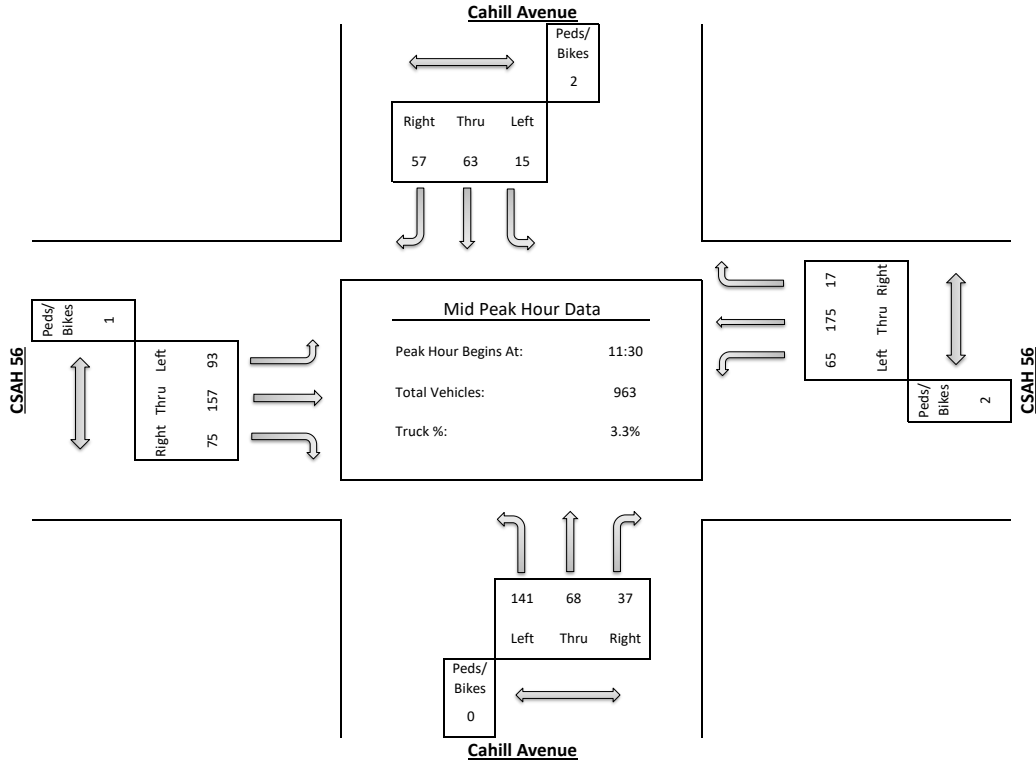
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Start Time	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	Total	Total
11:30	--	1	16	14	31	--	--	14	48	1	63	--	--	40	13	8	61	--	10	13	41	20	84	1	239	1
11:45	--	2	19	13	34	--	--	22	32	4	58	--	--	31	19	13	63	--	9	15	39	19	82	--	237	--
12:00	--	5	14	14	33	1	--	12	48	8	68	2	--	43	18	12	73	--	7	11	28	15	61	--	235	3
12:15	--	7	14	16	37	1	1	16	47	4	68	--	--	27	18	4	49	--	10	18	49	21	98	--	252	1
Hour Total	--	15	63	57	135	2	1	64	175	17	257	2	--	141	68	37	246	--	36	57	157	75	325	1	963	5
% of App.	0.0%	11.1%	46.7%	42.2%			0.4%	24.9%	68.1%	6.6%			0.0%	57.3%	27.6%	15.0%			11.1%	17.5%	48.3%	23.1%				
% of Total	0.0%	1.6%	6.5%	5.9%	14.0%	40.0%	0.1%	6.6%	18.2%	1.8%	26.7%	40.0%	0.0%	14.6%	7.1%	3.8%	25.5%	0.0%	3.7%	5.9%	16.3%	7.8%	33.7%	20.0%		
Cars Total	--	15	63	55	133	2	1	63	164	16	244	2	--	140	67	37	244	--	36	55	149	70	310	--	931	4
Cars % of Movement	0.0%	100%	100%	96.5%	98.5%	50.0%	100%	98.4%	93.7%	94.1%	94.9%	50.0%	0.0%	99.3%	98.5%	100%	99.2%	0.0%	100%	96.5%	94.9%	93.3%	95.4%	0.0%	96.7%	
Trucks Total	--	--	--	2	2	--	--	1	11	1	13	--	--	1	1	--	2	--	--	2	8	5	15	1	32	1
Trucks % of Movement	0.0%	0.0%	0.0%	3.5%	1.5%	0.0%	0.0%	1.6%	6.3%	5.9%	5.1%	0.0%	0.0%	0.7%	1.5%	0.0%	0.8%	0.0%	0.0%	3.5%	5.1%	6.7%	4.6%	100.0%	3.3%	



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	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	Total	Bike Total
15:30	--	6	24	29	59	--	--	19	58	8	85	--	--	52	19	8	79	--	10	21	66	22	119	--	342	--
15:45	--	5	26	19	50	--	--	17	47	8	72	--	--	33	17	12	62	1	12	27	85	21	145	--	329	1
16:00	--	5	14	27	46	2	--	15	63	6	84	--	--	39	22	19	80	1	10	36	90	17	153	1	363	4
16:15	--	12	25	18	55	1	--	13	50	8	71	--	--	36	10	20	66	--	3	18	88	21	130	--	322	1
Hour Total	--	28	89	93	210	3	--	64	218	30	312	--	--	160	68	59	287	2	35	102	329	81	547	1	1356	6
% of App.	0.0%	13.3%	42.4%	44.3%			0.0%	20.5%	69.9%	9.6%			0.0%	55.7%	23.7%	20.6%			6.4%	18.6%	60.1%	14.8%				
% of Total	0.0%	2.1%	6.6%	6.9%	15.5%	50.0%	0.0%	4.7%	16.1%	2.2%	23.0%	0.0%	0.0%	11.8%	5.0%	4.4%	21.2%	33.3%	2.6%	7.5%	24.3%	6.0%	40.3%	16.7%		
Cars Total	--	28	86	93	207	1	--	63	209	28	300	--	--	155	66	58	279	2	35	100	316	78	529	1	1315	4
Cars % of Movement	0.0%	100%	96.6%	100%	98.6%	25.0%	0.0%	98.4%	95.9%	93.3%	96.2%	0.0%	0.0%	96.9%	97.1%	98.3%	97.2%	50.0%	100%	98.0%	96.0%	96.3%	96.7%	25.0%	97.0%	
Trucks Total	--	--	3	--	3	2	--	1	9	2	12	--	--	5	2	1	8	--	--	2	13	3	18	--	41	2
Trucks % of Movement	0.0%	0.0%	3.4%	0.0%	1.4%	100.0%	0.0%	1.6%	4.1%	6.7%	3.8%	0.0%	0.0%	3.1%	2.9%	1.7%	2.8%	0.0%	0.0%	2.0%	4.0%	3.7%	3.3%	0.0%	3.0%	

