

ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 3 & Emerson Avenue
Date: 10/10/2024
Duration: 0600-1900

Site Code: 305
Ref Pt: N/A
Page No: 1 of 4

All Vehicles (Cars & Trucks) Printed

	TH 3 Southbound						Emerson Avenue Westbound						TH 3 Northbound						Emerson Avenue Eastbound						Int. Veh. Total	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	Total
6:00	--	3	51	2	56	--	--	5	3	1	9	--	1	1	38	--	40	--	--	5	2	6	13	--	118	--
6:15	--	1	46	3	50	--	--	3	2	4	9	--	--	7	47	4	58	1	--	5	2	4	11	--	128	1
6:30	1	1	61	2	65	--	--	3	2	1	6	1	--	3	57	3	63	--	--	3	3	6	12	--	146	1
6:45	--	1	77	2	80	--	--	5	1	3	9	--	--	3	71	4	78	--	--	6	4	8	18	--	185	--
Hour Total	1	6	235	9	251	--	--	16	8	9	33	1	1	14	213	11	239	1	--	19	11	24	54	--	577	2
7:00	--	1	90	1	92	--	--	2	3	5	10	1	1	4	89	3	97	1	--	4	5	3	12	--	211	2
7:15	--	4	112	3	119	1	--	3	3	6	12	1	--	3	91	6	100	1	--	4	2	11	17	--	248	3
7:30	--	1	144	3	148	1	--	7	9	1	17	3	1	1	123	8	133	1	--	7	4	8	19	1	317	6
7:45	1	3	122	4	130	--	--	6	9	5	20	--	--	1	136	7	144	--	--	8	10	5	23	1	317	1
Hour Total	1	9	468	11	489	2	--	18	24	17	59	5	2	9	439	24	474	3	--	23	21	27	71	2	1093	12
8:00	2	4	103	4	113	--	--	10	4	6	20	1	--	4	122	11	137	--	--	10	2	6	18	1	288	2
8:15	--	4	136	6	146	--	--	9	3	1	13	1	--	5	132	11	148	--	--	9	6	12	27	1	334	2
8:30	--	4	130	4	138	--	--	8	2	--	10	--	--	10	117	7	134	1	--	9	5	13	27	--	309	1
8:45	1	3	125	5	134	--	--	6	3	6	15	--	--	6	139	13	158	--	--	8	7	6	21	--	328	--
Hour Total	3	15	494	19	531	--	--	33	12	13	58	2	--	25	510	42	577	1	--	36	20	37	93	2	1259	5
9:00	--	4	127	6	137	--	--	10	9	8	27	--	--	5	115	4	124	--	--	9	8	6	23	--	311	--
9:15	1	2	111	4	118	--	--	12	7	5	24	--	--	6	109	6	121	--	--	14	7	9	30	3	293	3
9:30	1	4	129	3	137	--	--	8	5	4	17	2	--	6	121	9	136	--	--	10	9	1	20	3	310	5
9:45	3	7	142	5	157	--	--	14	5	7	26	--	--	4	137	12	153	2	--	6	7	8	21	1	357	3
Hour Total	5	17	509	18	549	--	--	44	26	24	94	2	--	21	482	31	534	2	--	39	31	24	94	7	1271	11
10:00	1	3	141	9	154	--	--	11	4	1	16	1	--	6	137	6	149	--	--	10	8	10	28	1	347	2
10:15	1	1	144	6	152	--	--	12	10	6	28	3	2	7	139	15	163	1	--	9	3	5	17	1	360	5
10:30	--	6	138	6	150	3	--	7	6	7	20	--	--	4	135	11	150	--	--	6	8	8	22	2	342	5
10:45	--	8	159	7	174	2	--	12	9	1	22	1	--	7	113	7	127	--	--	18	9	9	36	2	359	5
Hour Total	2	18	582	28	630	5	--	42	29	15	86	5	2	24	524	39	589	1	--	43	28	32	103	6	1408	17
11:00	3	6	161	3	173	--	--	14	2	6	22	--	1	6	146	6	159	--	--	7	9	11	27	1	381	1
11:15	1	5	170	5	181	--	--	9	6	7	22	--	2	11	172	10	195	--	--	13	5	7	25	1	423	1
11:30	--	6	170	6	182	--	--	11	9	12	32	--	1	3	188	9	201	1	--	9	7	4	20	1	435	2
11:45	1	7	178	4	190	--	--	10	8	6	24	5	3	9	187	7	206	1	--	21	4	12	37	3	457	9
Hour Total	5	24	679	18	726	--	--	44	25	31	100	5	7	29	693	32	761	2	--	50	25	34	109	6	1696	13
12:00	1	5	222	8	236	--	--	17	6	9	32	1	4	12	191	13	220	--	--	18	7	11	36	1	524	2
12:15	2	8	210	7	227	--	--	12	3	11	26	1	2	7	175	13	197	--	--	18	9	5	32	--	482	1
12:30	2	5	188	7	202	2	--	8	5	6	19	--	2	5	184	10	201	2	--	7	5	7	19	1	441	5
12:45	3	6	211	8	228	1	--	11	7	8	26	1	--	10	205	20	235	1	--	17	8	7	32	2	521	5
Hour Total	8	24	831	30	893	3	--	48	21	34	103	3	8	34	755	56	853	3	--	60	29	30	119	4	1968	13
13:00	--	5	163	16	184	--	--	16	2	8	26	1	--	7	179	9	195	3	--	17	14	11	42	5	447	9
13:15	1	9	176	8	194	1	--	8	12	7	27	1	1	11	183	13	208	1	--	21	5	4	30	--	459	3
13:30	1	7	187	8	203	--	--	11	5	1	17	2	1	13	179	4	197	--	--	15	6	5	26	5	443	7
13:45	2	2	195	9	208	--	--	10	4	5	19	4	1	6	196	13	216	--	--	11	12	7	30	3	473	7
Hour Total	4	23	721	41	789	1	--	45	23	21	89	8	3	37	737	39	816	4	--	64	37	27	128	13	1822	26
14:00	1	5	167	8	181	1	--	15	15	9	39	4	1	8	177	5	191	3	--	13	7	9	29	--	440	8
14:15	1	8	213	5	227	--	--	14	11	10	35	2	1	11	206	4	222	1	--	13	3	11	27	1	511	4
14:30	3	5	189	5	202	--	--	17	7	8	32	1	1	5	219	9	234	--	--	21	9	10	40	3	508	4
14:45	3	6	168	8	185	--	--	9	9	6	24	--	3	13	228	10	254	--	--	14	5	12	31	2	494	2
Hour Total	8	24	737	26	795	1	--	55	42	33	130	7	6	37	830	28	901	4	--	61	24	42	127	6	1953	18
15:00	--	3	181	7	191	--	--	7	6	6	19	--	--	7	221	19	247	1	--	6	7	9	22	4	479	5
15:15	2	3	188	4	197	--	--	12	18	8	38	1	--	8	187	9	204	1	--	10	6	18	34	5	473	7
15:30	2	9	198	4	213	1	--	11	4	4	19	2	2	13	214	11	240	2	--	13	17	6	36	3	508	8
15:45	1	7	215	3	226	--	--	11	8	10	29	1	--	10	205	9	224	1	--	11	10	10	31	5	510	7
Hour Total	5	22	782	18	827	1	--	41	36	28	105	4	2	38	827	48	915	5	--	40	40	43	123	17	1970	27
16:00	2	14	202	14	232	1	--	11	11	9	31	--	1	4	230	9	244	1	--	16	14	9	39	4	546	6
16:15	2	4	201	11	218	--	--	12	11	13	36	3	--	16	230	12	258	6	--	12	7	2	21	10	533	19
16:30	--	7	199	4	210	2	--	17	12	8	37	3	3	10	212	10	235	5	--	12	17	10	39	7	521	17
16:45	1	2	243	7	253	1	--	11	17	11	39	1	1	12	243	8	264	--	--	16	7	11	34	2	590	4
Hour Total	5	27	845	36	913	4	--	51	51	41	143	7	5	42	915	39	1001	12	--	56	45	32	133	23	2190	46
17:00	--	4	213	14	231	1	--	11	19	4	34	4	--	10	243	8	261	--	--	6	12	10	28	7	554</	

ALLIANT ENGINEERING, INC.

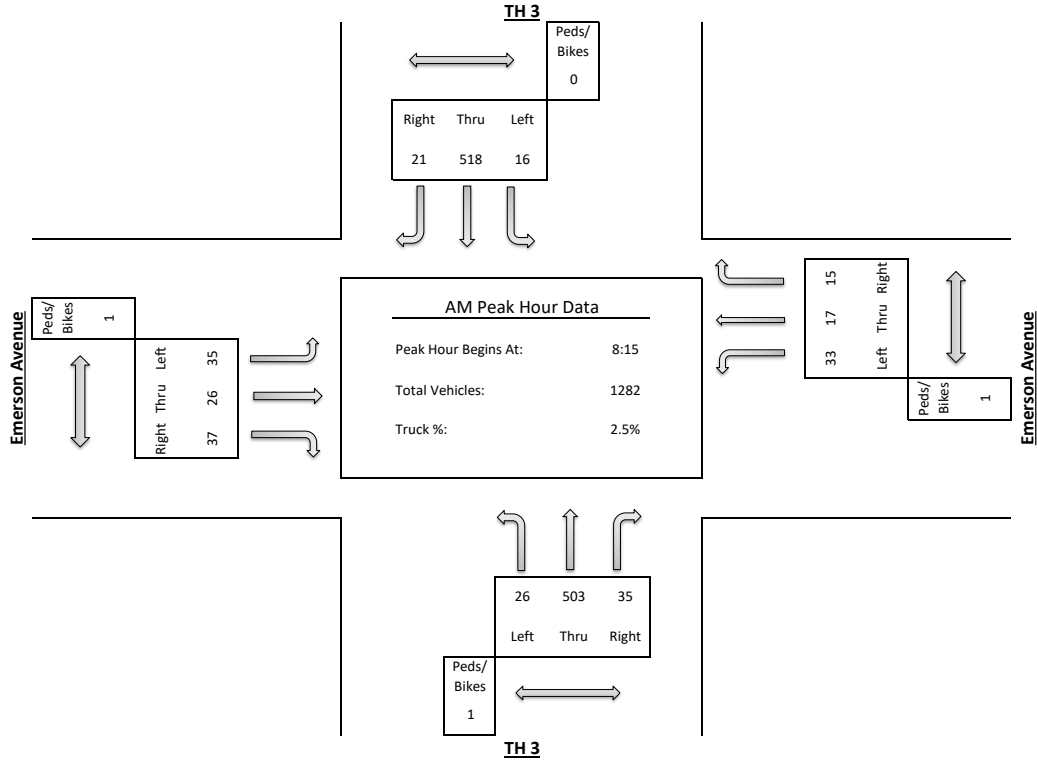
733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 3 & Emerson Avenue
Date: 10/10/2024
Duration: 0600-1900

Site Code: 305
Ref Pt: N/A
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All Vehicles (Cars & Trucks) Printed

Start Time	TH 3 Southbound						Emerson Avenue Westbound						TH 3 Northbound						Emerson Avenue Eastbound						Int. Veh.	Int. Ped/
	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
8:15	--	4	136	6	146	--	--	9	3	1	13	1	--	5	132	11	148	--	--	9	6	12	27	1	334	2
8:30	--	4	130	4	138	--	--	8	2	--	10	--	--	10	117	7	134	1	--	9	5	13	27	--	309	1
8:45	1	3	125	5	134	--	--	6	3	6	15	--	--	6	139	13	158	--	--	8	7	6	21	--	328	--
9:00	--	4	127	6	137	--	--	10	9	8	27	--	--	5	115	4	124	--	--	9	8	6	23	--	311	--
Hour Total	1	15	518	21	555	--	--	33	17	15	65	1	--	26	503	35	564	1	--	35	26	37	98	1	1282	3
% of App.	0.2%	2.7%	93.3%	3.8%			0.0%	50.8%	26.2%	23.1%			0.0%	4.6%	89.2%	6.2%			0.0%	35.7%	26.5%	37.8%				
% of Total	0.1%	1.2%	40.4%	1.6%	43.3%	0.0%	0.0%	2.6%	1.3%	1.2%	5.1%	33.3%	0.0%	2.0%	39.2%	2.7%	44.0%	33.3%	0.0%	2.7%	2.0%	2.9%	7.6%	33.3%		
Cars Total	1	15	504	21	541	--	--	33	16	14	63	1	--	23	492	35	550	1	--	34	26	36	96	1	1250	3
Cars % of Movement	100%	100%	97.3%	100%	97.5%	0.0%	0.0%	100%	94.1%	93.3%	96.9%	33.3%	0.0%	88.5%	97.8%	100%	97.5%	33.3%	0.0%	97.1%	100%	97.3%	98.0%	33.3%	97.5%	
Trucks Total	--	--	14	--	14	--	--	--	1	1	2	--	--	3	11	--	14	--	--	1	--	1	2	--	32	--
Trucks % of Movement	0.0%	0.0%	2.7%	0.0%	2.5%	--	0.0%	0.0%	5.9%	6.7%	3.1%	--	0.0%	11.5%	2.2%	0.0%	2.5%	--	0.0%	2.9%	0.0%	2.7%	2.0%	--	2.5%	



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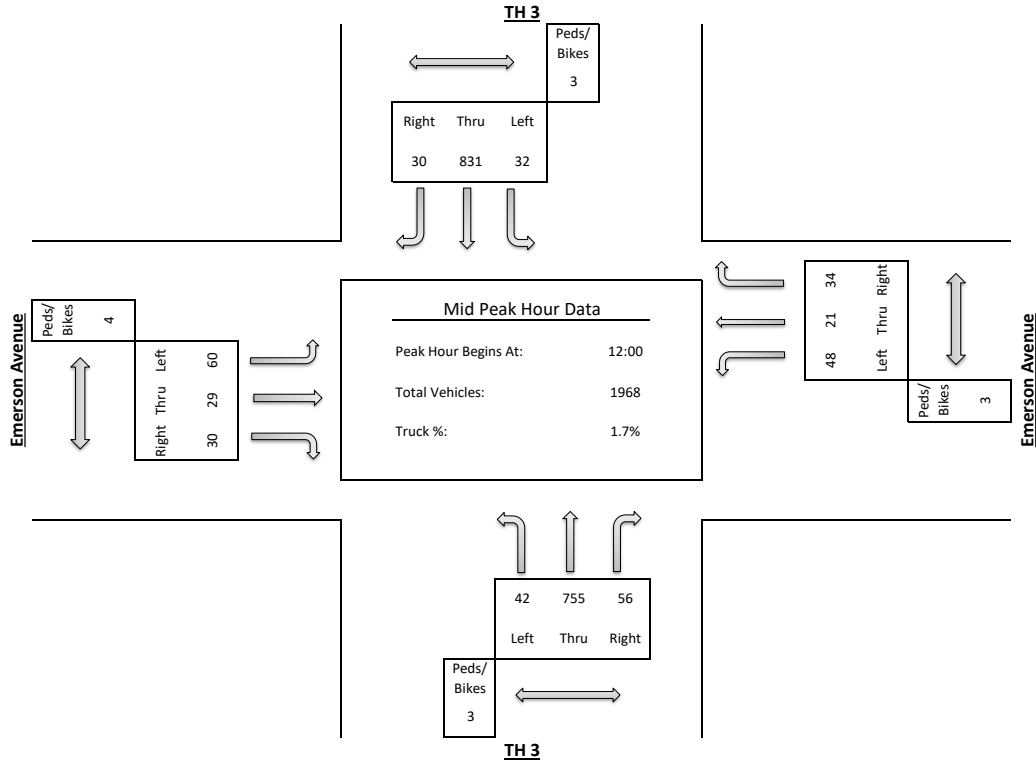
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	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	Total	Total
12:00	1	5	222	8	236	--	--	17	6	9	32	1	4	12	191	13	220	--	--	18	7	11	36	1	524	2
12:15	2	8	210	7	227	--	--	12	3	11	26	1	2	7	175	13	197	--	--	18	9	5	32	--	482	1
12:30	2	5	188	7	202	2	--	8	5	6	19	--	2	5	184	10	201	2	--	7	5	7	19	1	441	5
12:45	3	6	211	8	228	1	--	11	7	8	26	1	--	10	205	20	235	1	--	17	8	7	32	2	521	5
Hour Total	8	24	831	30	893	3	--	48	21	34	103	3	8	34	755	56	853	3	--	60	29	30	119	4	1968	13
% of App.	0.9%	2.7%	93.1%	3.4%			0.0%	46.6%	20.4%	33.0%			0.9%	4.0%	88.5%	6.6%			0.0%	50.4%	24.4%	25.2%				
% of Total	0.4%	1.2%	42.2%	1.5%	45.4%	23.1%	0.0%	2.4%	1.1%	1.7%	5.2%	23.1%	0.4%	1.7%	38.4%	2.8%	43.3%	23.1%	0.0%	3.0%	1.5%	1.5%	6.0%	30.8%		
Cars Total	8	23	819	29	879	3	--	48	20	34	102	3	8	34	742	55	839	3	--	57	29	29	115	3	1935	12
Cars % of Movement	100%	95.8%	98.6%	96.7%	98.4%	25.0%	0.0%	100%	95.2%	100%	99.0%	25.0%	100%	100%	98.3%	98.2%	98.4%	25.0%	0.0%	95.0%	100%	96.7%	96.6%	25.0%	98.3%	
Trucks Total	--	1	12	1	14	--	--	--	1	--	1	--	--	--	13	1	14	--	--	3	--	1	4	1	33	1
Trucks % of Movement	0.0%	4.2%	1.4%	3.3%	1.6%	0.0%	0.0%	0.0%	4.8%	0.0%	1.0%	0.0%	0.0%	0.0%	1.7%	1.8%	1.6%	0.0%	0.0%	5.0%	0.0%	3.3%	3.4%	100.0%	1.7%	



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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	Total
16:45	1	2	243	7	253	1	--	11	17	11	39	1	1	12	243	8	264	--	--	16	7	11	34	2	590	4
17:00	--	4	213	14	231	1	--	11	19	4	34	4	--	10	243	8	261	--	--	6	12	10	28	7	554	12
17:15	1	4	222	7	234	--	--	17	14	10	41	2	2	8	207	7	224	1	--	10	9	13	32	1	531	4
17:30	3	7	213	5	228	1	--	14	6	3	23	4	1	11	240	11	263	--	--	11	6	12	29	--	543	5
Hour Total	5	17	891	33	946	3	--	53	56	28	137	11	4	41	933	34	1012	1	--	43	34	46	123	10	2218	25
% of App.	0.5%	1.8%	94.2%	3.5%			0.0%	38.7%	40.9%	20.4%			0.4%	4.1%	92.2%	3.4%			0.0%	35.0%	27.6%	37.4%				
% of Total	0.2%	0.8%	40.2%	1.5%	42.7%	12.0%	0.0%	2.4%	2.5%	1.3%	6.2%	44.0%	0.2%	1.8%	42.1%	1.5%	45.6%	4.0%	0.0%	1.9%	1.5%	2.1%	5.5%	40.0%		
Cars Total	5	17	880	33	935	3	--	53	56	28	137	10	4	41	922	33	1000	1	--	43	32	45	120	10	2192	24
Cars % of Movement	100%	100%	98.8%	100%	98.8%	12.5%	0.0%	100%	100%	100%	100%	41.7%	100%	100%	98.8%	97.1%	98.8%	4.2%	0.0%	100%	94.1%	97.8%	97.6%	41.7%	98.8%	
Trucks Total	--	--	11	--	11	--	--	--	--	--	0	1	--	--	11	1	12	--	--	--	2	1	3	--	26	1
Trucks % of Movement	0.0%	0.0%	1.2%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	1.2%	2.9%	1.2%	0.0%	0.0%	0.0%	5.9%	2.2%	2.4%	0.0%	1.2%	

