

ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

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

Site Code: 304
Ref Pt: N/A
Page No: 1 of 4

All Vehicles (Cars & Trucks) Printed

Start Time	TH 3 Southbound						Moreland Avenue Westbound						TH 3 Northbound						Moreland 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
6:00	2	1	43	--	46	--	--	1	4	1	6	--	2	1	34	3	40	1	--	2	--	5	7	1	99	2
6:15	--	2	48	5	55	--	--	4	3	1	8	--	2	4	52	--	58	--	--	3	2	--	5	1	126	1
6:30	--	1	44	5	50	--	--	5	4	2	11	--	--	8	49	2	59	--	--	4	--	6	10	--	130	--
6:45	--	2	75	3	80	--	--	5	1	1	7	--	2	16	74	1	93	--	--	5	1	5	11	--	191	--
Hour Total	2	6	210	13	231	--	--	15	12	5	32	--	6	29	209	6	250	1	--	14	3	16	33	2	546	3
7:00	1	5	77	4	87	--	--	4	6	3	13	1	2	16	84	1	103	--	--	1	--	5	6	1	209	2
7:15	2	3	101	5	111	--	--	3	9	5	17	--	1	19	75	4	99	--	--	4	2	9	15	--	242	--
7:30	2	3	115	21	141	1	--	5	13	4	22	--	2	20	109	1	132	3	--	26	10	22	58	--	353	4
7:45	--	4	100	8	112	2	--	6	10	4	20	2	2	15	141	3	161	1	--	17	8	9	34	1	327	6
Hour Total	5	15	393	38	451	3	--	18	38	16	72	3	7	70	409	9	495	4	--	48	20	45	113	2	1131	12
8:00	1	4	99	5	109	2	--	7	8	5	20	--	2	16	112	2	132	6	--	7	5	8	20	1	281	9
8:15	--	3	125	6	134	--	--	8	4	5	17	1	1	26	130	7	164	5	--	7	5	10	22	2	337	8
8:30	--	4	111	7	122	2	--	8	8	3	19	--	3	17	110	--	130	4	--	9	7	18	34	3	305	9
8:45	2	3	113	11	129	1	--	6	6	7	19	1	2	17	120	9	148	2	--	8	7	12	27	--	323	4
Hour Total	3	14	448	29	494	5	--	29	26	20	75	2	8	76	472	18	574	17	--	31	24	48	103	6	1246	30
9:00	1	7	119	8	135	2	--	8	3	4	15	1	2	12	113	11	138	1	--	4	5	8	17	1	305	5
9:15	1	5	111	11	128	--	--	6	4	3	13	--	6	14	107	8	135	1	--	8	2	7	17	1	293	2
9:30	1	5	127	7	140	1	--	--	2	2	4	1	4	17	103	4	128	2	--	8	1	7	16	2	288	6
9:45	1	2	134	5	142	1	--	6	3	3	12	1	3	19	128	2	152	1	--	8	3	9	20	1	326	4
Hour Total	4	19	491	31	545	4	--	20	12	12	44	3	15	62	451	25	553	5	--	28	11	31	70	5	1212	17
10:00	2	6	139	11	158	3	--	5	6	--	11	2	5	24	130	1	160	1	--	7	1	7	15	3	344	9
10:15	1	7	141	4	153	1	--	6	3	5	14	--	2	26	115	--	143	--	--	6	3	9	18	1	328	2
10:30	2	4	135	3	144	2	--	2	1	3	6	--	1	18	132	3	154	--	--	10	4	7	21	1	325	3
10:45	--	6	150	5	161	--	--	2	6	2	10	--	--	20	110	2	132	--	--	5	3	12	20	3	323	3
Hour Total	5	23	565	23	616	6	--	15	16	10	41	2	8	88	487	6	589	1	--	28	11	35	74	8	1320	17
11:00	1	5	156	7	169	1	--	3	--	3	6	2	2	21	131	7	161	1	--	11	1	11	23	2	359	6
11:15	--	5	146	8	159	1	--	5	5	3	13	1	3	27	152	5	187	--	--	9	6	10	25	1	384	3
11:30	1	9	165	8	183	1	--	13	9	4	26	--	2	28	156	6	192	1	--	7	3	9	19	1	420	3
11:45	3	3	184	7	197	1	--	6	6	3	15	3	1	15	182	2	200	2	--	7	4	10	21	6	433	12
Hour Total	5	22	651	30	708	4	--	27	20	13	60	6	8	91	621	20	740	4	--	34	14	40	88	10	1596	24
12:00	1	6	201	8	216	--	--	8	7	3	18	1	5	22	182	2	211	1	--	7	2	10	19	1	464	3
12:15	3	11	216	10	240	--	--	6	5	5	16	2	2	22	179	2	205	3	--	10	2	8	20	--	481	5
12:30	1	11	168	8	188	1	--	6	3	3	12	--	2	15	191	9	217	--	--	6	2	10	18	--	435	1
12:45	--	7	196	12	215	--	--	5	1	2	8	2	6	19	190	4	219	2	--	8	2	11	21	6	463	10
Hour Total	5	35	781	38	859	1	--	25	16	13	54	5	15	78	742	17	852	6	--	31	8	39	78	7	1843	19
13:00	--	10	161	3	174	--	--	4	2	3	9	2	1	32	179	2	214	1	--	9	3	8	20	3	417	6
13:15	2	3	184	7	196	1	--	3	9	6	18	4	--	25	157	4	186	6	--	3	--	9	12	3	412	14
13:30	--	4	168	4	176	3	--	8	3	1	12	5	3	25	162	2	192	3	--	5	2	13	20	4	400	15
13:45	2	3	193	9	207	--	--	5	9	2	16	5	3	23	183	4	213	1	--	6	3	10	19	3	455	9
Hour Total	4	20	706	23	753	4	--	20	23	12	55	16	7	105	681	12	805	11	--	23	8	40	71	13	1684	44
14:00	2	2	141	20	165	4	--	11	6	3	20	4	4	20	180	3	207	2	--	8	6	12	26	3	418	13
14:15	--	5	220	12	237	2	--	5	3	2	10	1	3	24	206	3	236	1	--	13	8	16	37	1	520	5
14:30	1	6	164	6	177	1	--	16	2	3	21	1	3	27	216	6	252	4	--	11	8	12	31	5	481	11
14:45	1	4	176	9	190	1	--	6	5	2	13	2	5	22	224	5	256	--	--	12	1	12	25	3	484	6
Hour Total	4	17	701	47	769	8	--	38	16	10	64	8	15	93	826	17	951	7	--	44	23	52	119	12	1903	35
15:00	2	6	160	9	177	2	--	9	8	2	19	3	3	32	183	5	223	1	--	8	4	6	18	2	437	8
15:15	3	3	168	9	183	5	--	6	14	6	26	1	4	22	185	6	217	2	--	13	5	20	38	4	464	12
15:30	--	4	189	10	203	6	--	8	7	4	19	1	4	25	197	5	231	4	--	13	8	17	38	10	491	21
15:45	4	7	218	6	235	--	--	8	11	4	23	2	1	23	171	9	204	2	--	13	4	11	28	1	490	5
Hour Total	9	20	735	34	798	13	--	31	40	16	87	7	12	102	736	25	875	9	--	47	21	54	122	17	1882	46
16:00	--	6	210	9	225	2	--	10	1	4	15	7	--	25	222	9	256	1	--	12	6	12	30	1	526	11
16:15	--	9	199	8	216	1	--	10	7	5	22	1	2	20	221	5	248	2	--	8	4	13	25	6	511	10
16:30	2	8	194	7	211	--	--	6	8	4	18	4	2	21	200	9	232	1	--	12	5	14	31	9	492	14
16:45	2	8	226	10	246	--	--	7	7	4	18	1	1	29	224	10	264	1	--	10	4	12	26	--	554	2
Hour Total	4	31	829	34	898	3	--	33	23	17	73	13	5	95	867	33	1000	5	--	42	19	51	112	16	2083	37
17:00	1	7	196	13	217	1	--	4	8	6	18	4	3	19	219	12	253	--	--	9	8	17	34	1	522	6
17:15	1	10	203	8	222	5	--	16	4	7	27	6	2	23	183	6	214	2	--	10	6	13	29	--	492	13
17:30	2	4	186	5	197	1	--	10	6	1	17	--	3	33	218	5	259	--	--	10	8	15	33	3	506	4
17:45	3	6	178	6	193	1	--	14	7	3	24	2	2	20	205	7	234	3	--	10	6	12	28	8	479	14
Hour Total	7	27	763	32	829	8	--	44	25	17	86	12	10	95	825	30	960	5	--	39	28	57	124	12	1999	37
18:00	1	7	189	11	208	5	--	4	7	1	12	3	4	25	190	7	226	5	--	10	3	14	27	4	473	17
18:15	1	4	189	11	205	2	--	13	5	4	22	4	4	27	219	9	259	--	--	7	3	12	22	9	508	15
18:30	1	6	167	10	184	2	--	7	6	5	18	2	5	26	198	4	233	1	--	19	5	19	43	5	478	10

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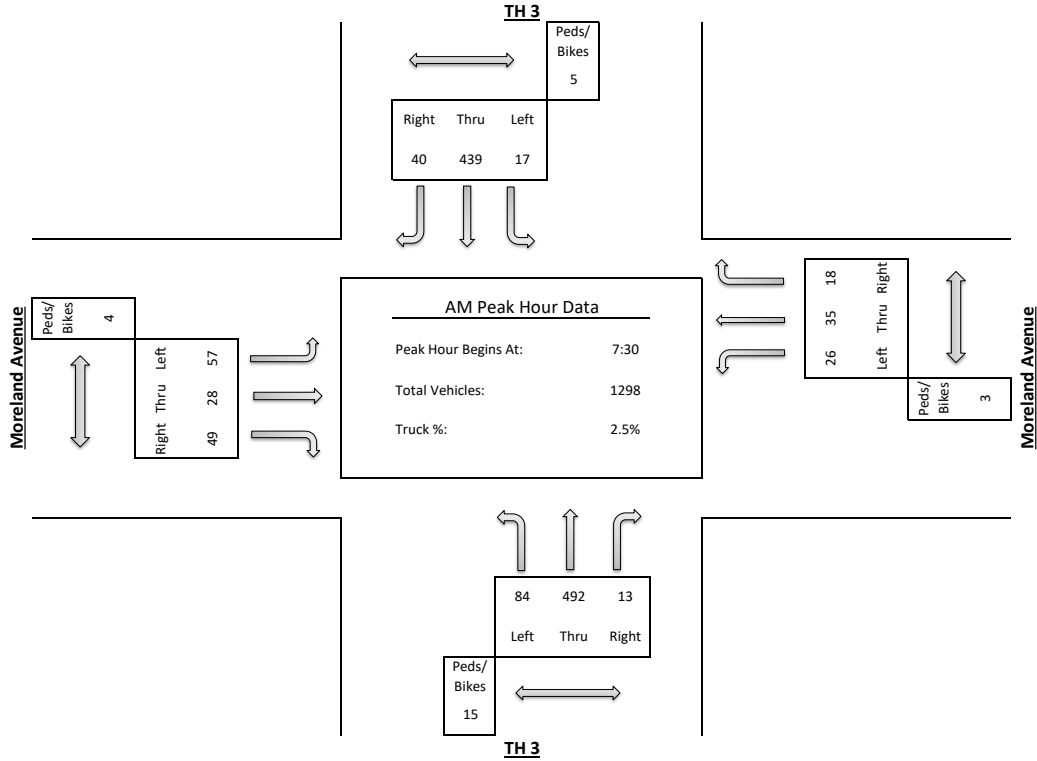
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Start Time	TH 3 Southbound						Moreland Avenue Westbound						TH 3 Northbound						Moreland Avenue Eastbound						Int. Veh.	Int. Ped/
	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	Total	Bike Total
7:30	2	3	115	21	141	1	--	5	13	4	22	--	2	20	109	1	132	3	--	26	10	22	58	--	353	4
7:45	--	4	100	8	112	2	--	6	10	4	20	2	2	15	141	3	161	1	--	17	8	9	34	1	327	6
8:00	1	4	99	5	109	2	--	7	8	5	20	--	2	16	112	2	132	6	--	7	5	8	20	1	281	9
8:15	--	3	125	6	134	--	--	8	4	5	17	1	1	26	130	7	164	5	--	7	5	10	22	2	337	8
Hour Total	3	14	439	40	496	5	--	26	35	18	79	3	7	77	492	13	589	15	--	57	28	49	134	4	1298	27
% of App.	0.6%	2.8%	88.5%	8.1%			0.0%	32.9%	44.3%	22.8%			1.2%	13.1%	83.5%	2.2%			0.0%	42.5%	20.9%	36.6%				
% of Total	0.2%	1.1%	33.8%	3.1%	38.2%	18.5%	0.0%	2.0%	2.7%	1.4%	6.1%	11.1%	0.5%	5.9%	37.9%	1.0%	45.4%	55.6%	0.0%	4.4%	2.2%	3.8%	10.3%	14.8%		
Cars Total	3	14	427	40	484	2	--	25	35	18	78	3	7	77	475	13	572	15	--	57	27	47	131	3	1265	23
Cars % of Movement	100%	100%	97.3%	100%	97.6%	8.7%	0.0%	96.2%	100%	100%	98.7%	13.0%	100%	100%	96.5%	100%	97.1%	65.2%	0.0%	100%	96.4%	95.9%	97.8%	13.0%	97.5%	
Trucks Total	--	--	12	--	12	3	--	1	--	--	1	--	--	--	17	--	17	--	--	--	1	2	3	1	33	4
Trucks % of Movement	0.0%	0.0%	2.7%	0.0%	2.4%	75.0%	0.0%	3.8%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	3.5%	0.0%	2.9%	0.0%	0.0%	0.0%	3.6%	4.1%	2.2%	25.0%	2.5%	



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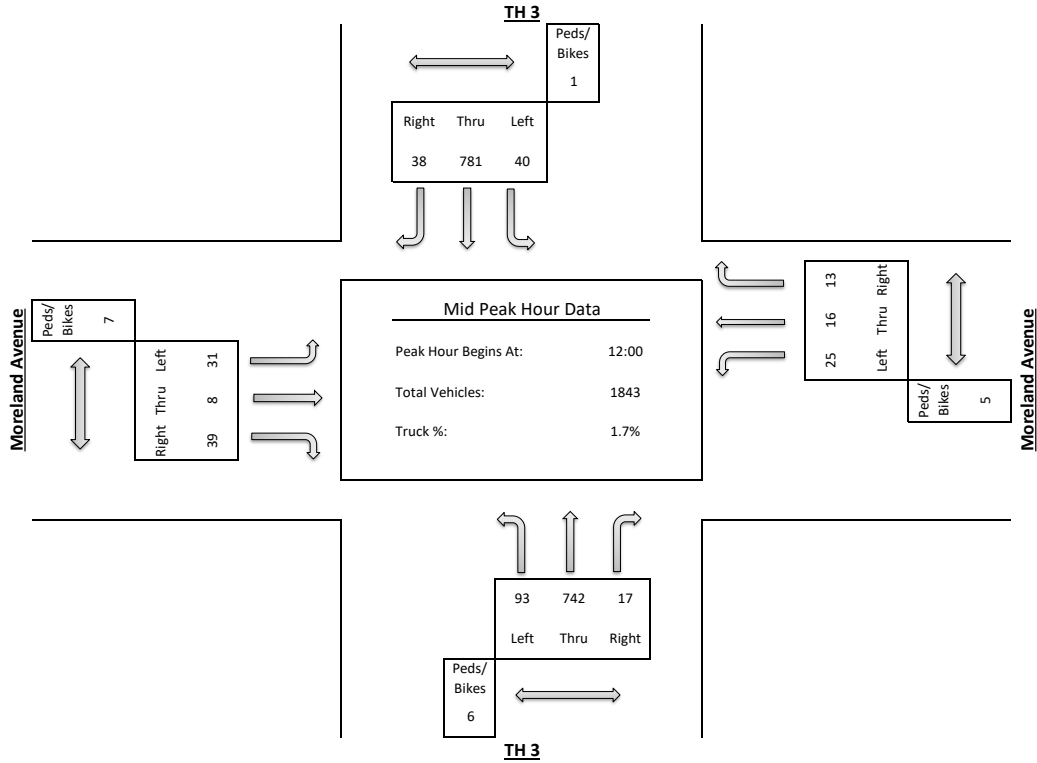
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	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/ Bikes	Total	Bike Total
12:00	1	6	201	8	216	--	--	8	7	3	18	1	5	22	182	2	211	1	--	7	2	10	19	1	464	3
12:15	3	11	216	10	240	--	--	6	5	5	16	2	2	22	179	2	205	3	--	10	2	8	20	--	481	5
12:30	1	11	168	8	188	1	--	6	3	3	12	--	2	15	191	9	217	--	--	6	2	10	18	--	435	1
12:45	--	7	196	12	215	--	--	5	1	2	8	2	6	19	190	4	219	2	--	8	2	11	21	6	463	10
Hour Total	5	35	781	38	859	1	--	25	16	13	54	5	15	78	742	17	852	6	--	31	8	39	78	7	1843	19
% of App.	0.6%	4.1%	90.9%	4.4%			0.0%	46.3%	29.6%	24.1%			1.8%	9.2%	87.1%	2.0%			0.0%	39.7%	10.3%	50.0%				
% of Total	0.3%	1.9%	42.4%	2.1%	46.6%	5.3%	0.0%	1.4%	0.9%	0.7%	2.9%	26.3%	0.8%	4.2%	40.3%	0.9%	46.2%	31.6%	0.0%	1.7%	0.4%	2.1%	4.2%	36.8%		
Cars Total	5	34	769	38	846	1	--	25	16	13	54	5	15	78	726	17	836	6	--	31	8	37	76	6	1812	18
Cars % of Movement	100%	97.1%	98.5%	100%	98.5%	5.6%	0.0%	100%	100%	100%	100%	27.8%	100%	100%	97.8%	100%	98.1%	33.3%	0.0%	100%	100%	94.9%	97.4%	33.3%	98.3%	
Trucks Total	--	1	12	--	13	--	--	--	--	--	0	--	--	--	16	--	16	--	--	--	--	2	2	1	31	1
Trucks % of Movement	0.0%	2.9%	1.5%	0.0%	1.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2.2%	0.0%	1.9%	0.0%	0.0%	0.0%	0.0%	5.1%	2.6%	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	Bike Total
16:00	--	6	210	9	225	2	--	10	1	4	15	7	--	25	222	9	256	1	--	12	6	12	30	1	526	11
16:15	--	9	199	8	216	1	--	10	7	5	22	1	2	20	221	5	248	2	--	8	4	13	25	6	511	10
16:30	2	8	194	7	211	--	--	6	8	4	18	4	2	21	200	9	232	1	--	12	5	14	31	9	492	14
16:45	2	8	226	10	246	--	--	7	7	4	18	1	1	29	224	10	264	1	--	10	4	12	26	--	554	2
Hour Total	4	31	829	34	898	3	--	33	23	17	73	13	5	95	867	33	1000	5	--	42	19	51	112	16	2083	37
% of App.	0.4%	3.5%	92.3%	3.8%			0.0%	45.2%	31.5%	23.3%			0.5%	9.5%	86.7%	3.3%			0.0%	37.5%	17.0%	45.5%				
% of Total	0.2%	1.5%	39.8%	1.6%	43.1%	8.1%	0.0%	1.6%	1.1%	0.8%	3.5%	35.1%	0.2%	4.6%	41.6%	1.6%	48.0%	13.5%	0.0%	2.0%	0.9%	2.4%	5.4%	43.2%		
Cars Total	4	31	820	34	889	3	--	33	23	17	73	13	5	95	853	33	986	5	--	42	19	50	111	15	2059	36
Cars % of Movement	100%	100%	98.9%	100%	99.0%	8.3%	0.0%	100%	100%	100%	100%	36.1%	100%	100%	98.4%	100%	98.6%	13.9%	0.0%	100%	100%	98.0%	99.1%	41.7%	98.8%	
Trucks Total	--	--	9	--	9	--	--	--	--	--	0	--	--	--	14	--	14	--	--	--	--	1	1	1	24	1
Trucks % of Movement	0.0%	0.0%	1.1%	0.0%	1.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.6%	0.0%	1.4%	0.0%	0.0%	0.0%	0.0%	2.0%	0.9%	100.0%	1.2%	

