

# ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 65 & 81st Avenue  
 Date: 11/13/2024  
 Duration: 0600-1900

Site Code: 121  
 Ref Pt: N/A  
 Page No: 1 of 4

All Vehicles (Cars & Trucks) Printed

Start Time	TH 65 Southbound						81st Avenue Westbound						TH 65 Northbound						81st Avenue Eastbound						Int. Veh. Total	Int. Ped/ Bike Total
	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		
6:00	--	13	167	17	197	--	--	8	4	11	23	--	--	7	70	4	81	--	--	17	6	4	27	--	328	--
6:15	--	13	234	25	272	--	--	3	2	12	17	--	--	4	92	13	109	--	--	11	8	6	25	--	423	--
6:30	--	30	307	33	370	--	--	13	8	22	43	--	--	6	82	9	97	--	--	16	11	11	38	--	548	--
6:45	--	23	375	38	436	--	--	8	12	24	44	--	--	10	112	18	140	--	--	15	10	15	40	--	660	--
Hour Total	--	79	1083	113	1275	--	--	32	26	69	127	--	--	27	356	44	427	--	--	59	35	36	130	--	1959	--
7:00	--	27	364	45	436	--	--	16	4	23	43	--	--	13	111	14	138	--	--	20	9	10	39	--	656	--
7:15	--	19	382	37	438	1	--	11	13	30	54	1	--	6	134	8	148	--	--	28	13	12	53	--	693	2
7:30	--	56	463	80	599	--	--	16	14	43	73	1	--	17	161	20	188	--	--	19	8	14	41	--	901	1
7:45	--	82	494	78	654	--	--	21	25	36	82	3	1	15	180	23	219	--	--	49	25	17	91	--	1046	3
Hour Total	--	184	1703	240	2127	1	--	64	56	132	252	5	1	51	586	55	693	--	--	116	55	53	224	--	3296	6
8:00	--	43	459	73	575	--	--	23	13	37	73	1	--	15	176	36	227	--	--	51	17	21	89	--	964	1
8:15	2	54	301	26	383	--	--	19	18	40	77	--	1	11	136	15	163	--	--	31	21	16	68	--	691	--
8:30	--	51	349	26	426	--	--	18	13	38	69	--	--	16	167	12	195	--	--	34	24	9	67	--	757	--
8:45	1	54	296	50	401	--	--	17	22	29	68	--	1	18	146	24	189	--	--	33	24	7	64	--	722	--
Hour Total	3	202	1405	175	1785	--	--	77	66	144	287	1	2	60	625	87	774	--	--	149	86	53	288	--	3134	1
9:00	--	36	224	22	282	1	--	25	30	33	88	1	--	19	181	16	216	--	--	27	19	15	61	--	647	2
9:15	1	38	208	36	283	--	--	15	10	40	65	--	--	9	140	22	171	--	--	29	27	16	72	--	591	--
9:30	1	52	180	30	263	--	--	21	32	51	104	--	--	16	148	5	169	--	--	26	21	18	65	--	601	--
9:45	1	37	193	25	256	--	--	17	34	66	117	--	--	20	143	19	182	--	--	13	22	12	47	--	602	--
Hour Total	3	163	805	113	1084	1	--	78	106	190	374	1	--	64	612	62	738	--	--	95	89	61	245	--	2441	2
10:00	2	32	216	39	289	--	--	12	18	37	67	--	--	9	162	25	196	--	--	29	15	8	52	--	604	--
10:15	1	33	192	36	262	--	--	7	16	30	53	--	--	14	153	24	191	--	--	35	23	14	72	--	578	--
10:30	--	28	183	34	245	--	--	20	19	36	75	--	--	9	164	22	195	--	--	40	23	8	71	--	586	--
10:45	--	25	171	20	216	--	--	10	15	35	60	--	--	12	142	22	176	--	--	44	24	8	76	--	528	--
Hour Total	3	118	762	129	1012	--	--	49	68	138	255	--	--	44	621	93	758	--	--	148	85	38	271	--	2296	--
11:00	1	38	178	33	250	3	--	14	19	43	76	1	--	10	159	10	179	--	--	32	18	12	62	--	567	4
11:15	2	38	152	33	225	--	--	4	27	38	69	1	1	14	196	26	237	--	--	23	20	13	56	--	587	1
11:30	--	46	144	44	234	--	--	10	21	49	80	--	--	19	204	9	232	--	--	28	33	11	72	--	618	--
11:45	--	28	166	37	231	2	--	18	28	45	91	2	--	23	172	20	215	--	--	37	23	10	70	--	607	4
Hour Total	3	150	640	147	940	5	--	46	95	175	316	4	1	66	731	65	863	--	--	120	94	46	260	--	2379	9
12:00	2	49	192	49	292	--	--	15	22	45	82	--	--	21	205	30	256	--	--	29	25	12	66	--	696	--
12:15	--	41	183	36	260	2	--	14	29	56	99	2	--	13	168	12	193	--	--	45	19	11	75	--	627	4
12:30	--	30	151	47	228	--	--	21	31	54	106	1	2	20	157	16	195	1	--	62	59	13	134	--	663	2
12:45	1	45	191	38	275	--	--	16	24	35	75	1	--	13	183	12	208	--	--	36	18	21	75	--	633	1
Hour Total	3	165	717	170	1055	2	--	66	106	190	362	4	2	67	713	70	852	1	--	172	121	57	350	--	2619	7
13:00	--	48	186	30	264	--	--	11	29	38	78	1	1	13	165	26	205	--	--	50	24	15	89	--	636	1
13:15	1	40	167	43	251	3	--	17	27	39	83	--	1	17	189	23	230	--	--	38	22	15	75	1	639	4
13:30	2	32	207	19	260	2	--	14	16	44	74	1	3	16	163	15	197	4	--	35	23	15	73	2	604	9
13:45	1	33	159	35	228	2	--	27	13	41	81	2	--	16	190	21	227	--	--	45	31	15	91	--	627	4
Hour Total	4	153	719	127	1003	7	--	69	85	162	316	4	5	62	707	85	859	4	--	168	100	60	328	3	2506	18
14:00	1	37	212	29	279	1	--	19	17	49	85	--	1	15	249	30	295	--	--	66	20	8	94	--	753	1
14:15	3	38	179	35	255	--	--	22	24	52	98	--	1	16	217	23	257	--	--	48	24	14	86	--	696	--
14:30	1	36	219	45	301	1	--	19	24	65	108	1	--	18	278	17	313	--	--	22	16	8	46	--	768	2
14:45	1	32	194	41	268	1	--	15	16	43	74	--	--	19	307	19	345	--	--	78	29	16	123	--	810	1
Hour Total	6	143	804	150	1103	3	--	75	81	209	365	1	2	68	1051	89	1210	--	--	214	89	46	349	--	3027	4
15:00	--	36	199	30	265	4	--	30	26	96	152	--	--	22	383	24	429	3	--	76	31	27	134	1	980	8
15:15	--	42	198	50	290	8	--	19	17	82	118	13	2	25	357	16	400	--	--	67	27	14	108	--	916	21
15:30	--	47	248	45	340	2	--	19	21	68	108	3	--	26	410	27	463	--	--	52	22	10	84	--	995	5
15:45	--	46	233	75	354	1	--	23	36	69	128	2	--	20	404	24	448	--	--	54	23	20	97	--	1027	3
Hour Total	--	171	878	200	1249	15	--	91	100	315	506	18	2	93	1554	91	1740	3	--	249	103	71	423	1	3918	37
16:00	2	43	236	44	325	--	--	32	28	83	143	1	--	24	369	15	408	--	--	74	34	19	127	--	1003	1
16:15	1	52	247	54	354	1	--	23	25	79	127	1	--	20	349	27	396	--	--	54	27	16	97	--	974	2
16:30	--	37	286	52	375	1	--	29	23	76	128	--	2	15	362	21	400	--	--	51	24	15	90	--	993	1
16:45	--	44	308	43	395	--	--	14	29	70	113	3	--	14	321	22	357	--	--	39	19	11	69	--	934	3
Hour Total	3	176	1077	19																						

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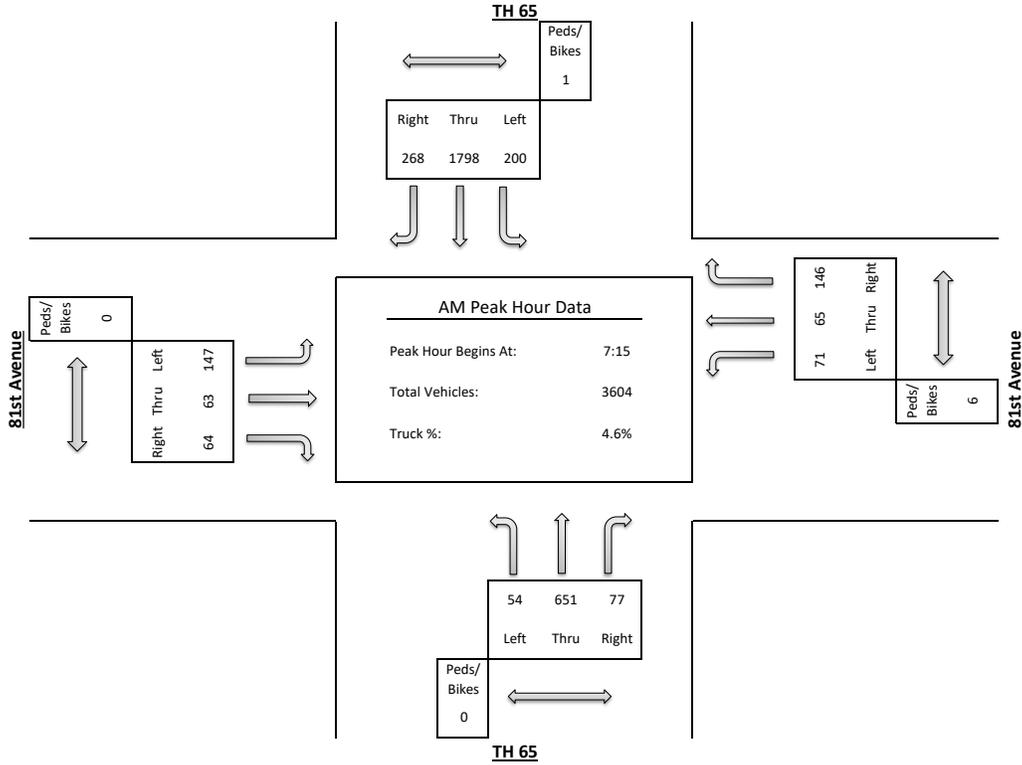
733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 65 & 81st Avenue  
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Site Code: 121  
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Start Time	TH 65 Southbound						81st Avenue Westbound						TH 65 Northbound						81st Avenue Eastbound						Int. Veh. Total	Int. Ped/Bike Total
	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		
7:15	--	19	382	37	438	1	--	11	13	30	54	1	--	6	134	8	148	--	--	28	13	12	53	--	693	2
7:30	--	56	463	80	599	--	--	16	14	43	73	1	--	17	161	10	188	--	--	19	8	14	41	--	901	1
7:45	--	82	494	78	654	--	--	21	25	36	82	3	1	15	180	23	219	--	--	49	25	17	91	--	1046	3
8:00	--	43	459	73	575	--	--	23	13	37	73	1	--	15	176	36	227	--	--	51	17	21	89	--	964	1
<b>Hour Total</b>	--	200	1798	268	2266	1	--	71	65	146	282	6	1	53	651	77	782	--	--	147	63	64	274	--	3604	7
% of App.	0.0%	8.8%	79.3%	11.8%			0.0%	25.2%	23.0%	51.8%			0.1%	6.8%	83.2%	9.8%			0.0%	53.6%	23.0%	23.4%				
% of Total	0.0%	5.5%	49.9%	7.4%	62.9%	14.3%	0.0%	2.0%	1.8%	4.1%	7.8%	85.7%	0.0%	1.5%	18.1%	2.1%	21.7%	0.0%	0.0%	4.1%	1.7%	1.8%	7.6%	0.0%		
Cars Total	--	190	1729	245	2164	--	--	67	61	136	264	3	1	53	623	75	752	--	--	138	60	61	259	--	3439	3
Cars % of Movement	0.0%	95.0%	96.2%	91.4%	95.5%	0.0%	0.0%	94.4%	93.8%	93.2%	93.6%	100.0%	100%	100%	95.7%	97.4%	96.2%	0.0%	0.0%	93.9%	95.2%	95.3%	94.5%	0.0%	95.4%	
Trucks Total	--	10	69	23	102	1	--	4	4	10	18	3	--	--	28	2	30	--	--	9	3	3	15	--	165	4
Trucks % of Movement	0.0%	5.0%	3.8%	8.6%	4.5%	25.0%	0.0%	5.6%	6.2%	6.8%	6.4%	75.0%	0.0%	0.0%	4.3%	2.6%	3.8%	0.0%	0.0%	6.1%	4.8%	4.7%	5.5%	0.0%	4.6%	



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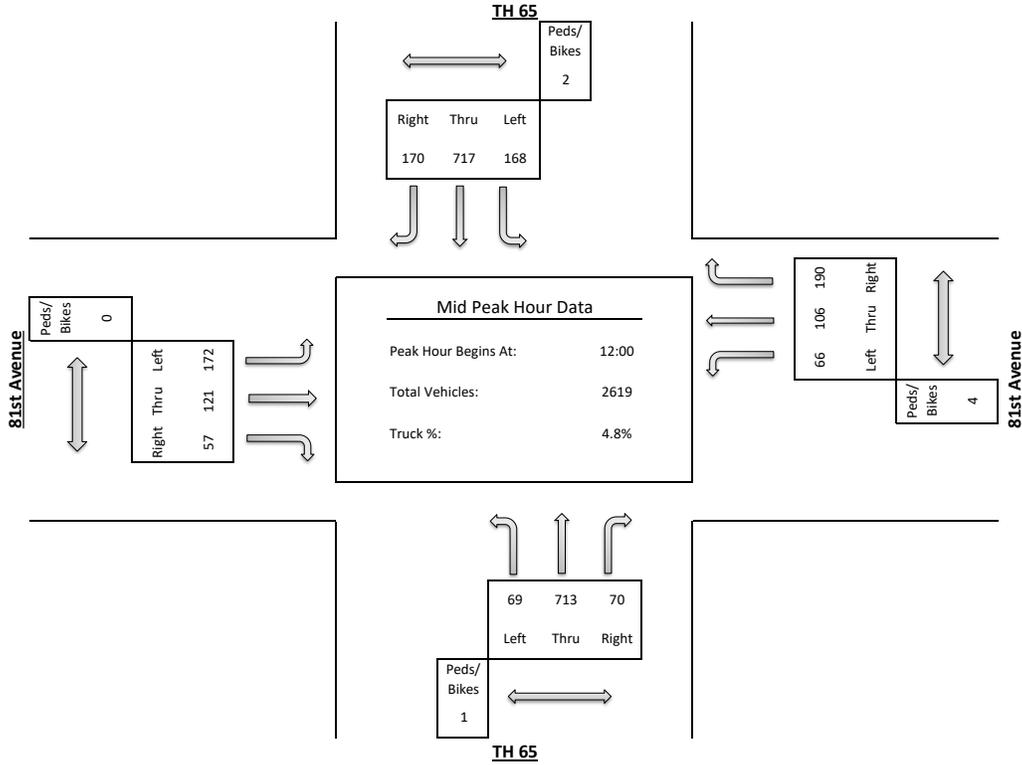
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	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes		
12:00	2	49	192	49	292	--	--	15	22	45	82	--	--	21	205	30	256	--	--	29	25	12	66	--	696	--
12:15	--	41	183	36	260	2	--	14	29	56	99	2	--	13	168	12	193	--	--	45	19	11	75	--	627	4
12:30	--	30	151	47	228	--	--	21	31	54	106	1	2	20	157	16	195	1	--	62	59	13	134	--	663	2
12:45	1	45	191	38	275	--	--	16	24	35	75	1	--	13	183	12	208	--	--	36	18	21	75	--	633	1
<b>Hour Total</b>	<b>3</b>	<b>165</b>	<b>717</b>	<b>170</b>	<b>1055</b>	<b>2</b>	<b>--</b>	<b>66</b>	<b>106</b>	<b>190</b>	<b>362</b>	<b>4</b>	<b>2</b>	<b>67</b>	<b>713</b>	<b>70</b>	<b>852</b>	<b>1</b>	<b>--</b>	<b>172</b>	<b>121</b>	<b>57</b>	<b>350</b>	<b>--</b>	<b>2619</b>	<b>7</b>
% of App.	0.3%	15.6%	68.0%	16.1%			0.0%	18.2%	29.3%	52.5%			0.2%	7.9%	83.7%	8.2%			0.0%	49.1%	34.6%	16.3%				
% of Total	0.1%	6.3%	27.4%	6.5%	40.3%	28.6%	0.0%	2.5%	4.0%	7.3%	13.8%	57.1%	0.1%	2.6%	27.2%	2.7%	32.5%	14.3%	0.0%	6.6%	4.6%	2.2%	13.4%	0.0%		
<b>Cars Total</b>	<b>3</b>	<b>160</b>	<b>672</b>	<b>164</b>	<b>999</b>	<b>2</b>	<b>--</b>	<b>65</b>	<b>100</b>	<b>186</b>	<b>351</b>	<b>4</b>	<b>2</b>	<b>67</b>	<b>669</b>	<b>68</b>	<b>806</b>	<b>1</b>	<b>--</b>	<b>164</b>	<b>118</b>	<b>56</b>	<b>338</b>	<b>--</b>	<b>2494</b>	<b>7</b>
Cars % of Movement	100%	97.0%	93.7%	96.5%	94.7%	28.6%	0.0%	98.5%	94.3%	97.9%	97.0%	57.1%	100%	100%	93.8%	97.1%	94.6%	14.3%	0.0%	95.3%	97.5%	98.2%	96.6%	0.0%	95.2%	
<b>Trucks Total</b>	<b>--</b>	<b>5</b>	<b>45</b>	<b>6</b>	<b>56</b>	<b>--</b>	<b>--</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>11</b>	<b>--</b>	<b>--</b>	<b>--</b>	<b>44</b>	<b>2</b>	<b>46</b>	<b>--</b>	<b>--</b>	<b>8</b>	<b>3</b>	<b>1</b>	<b>12</b>	<b>--</b>	<b>125</b>	<b>--</b>
Trucks % of Movement	0.0%	3.0%	6.3%	3.5%	5.3%	--	0.0%	1.5%	5.7%	2.1%	3.0%	--	0.0%	0.0%	6.2%	2.9%	5.4%	--	0.0%	4.7%	2.5%	1.8%	3.4%	--	4.8%	



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15:30	--	47	248	45	340	2	--	19	21	68	108	3	--	26	410	27	463	--	--	52	22	10	84	--	995	5
15:45	--	46	233	75	354	1	--	23	36	69	128	2	--	20	404	24	448	--	--	54	23	20	97	--	1027	3
16:00	2	43	236	44	325	--	--	32	28	83	143	1	--	24	369	15	408	--	--	74	34	19	127	--	1003	1
16:15	1	52	247	54	354	1	--	23	25	79	127	1	--	20	349	27	396	--	--	54	27	16	97	--	974	2
<b>Hour Total</b>	<b>3</b>	<b>188</b>	<b>964</b>	<b>218</b>	<b>1373</b>	<b>4</b>	<b>--</b>	<b>97</b>	<b>110</b>	<b>299</b>	<b>506</b>	<b>7</b>	<b>--</b>	<b>90</b>	<b>1532</b>	<b>93</b>	<b>1715</b>	<b>--</b>	<b>--</b>	<b>234</b>	<b>106</b>	<b>65</b>	<b>405</b>	<b>--</b>	<b>3999</b>	<b>11</b>
% of App.	0.2%	13.7%	70.2%	15.9%			0.0%	19.2%	21.7%	59.1%			0.0%	5.2%	89.3%	5.4%			0.0%	57.8%	26.2%	16.0%				
% of Total	0.1%	4.7%	24.1%	5.5%	34.3%	36.4%	0.0%	2.4%	2.8%	7.5%	12.7%	63.6%	0.0%	2.3%	38.3%	2.3%	42.9%	0.0%	0.0%	5.9%	2.7%	1.6%	10.1%	0.0%		
Cars Total	3	183	938	215	1339	4	--	96	108	295	499	6	--	88	1497	93	1678	--	--	231	101	62	394	--	3910	10
Cars % of Movement	100%	97.3%	97.3%	98.6%	97.5%	40.0%	0.0%	99.0%	98.2%	98.7%	98.6%	60.0%	0.0%	97.8%	97.7%	100%	97.8%	0.0%	0.0%	98.7%	95.3%	95.4%	97.3%	0.0%	97.8%	
Trucks Total	--	5	26	3	34	--	--	1	2	4	7	1	--	2	35	--	37	--	--	3	5	3	11	--	89	1
Trucks % of Movement	0.0%	2.7%	2.7%	1.4%	2.5%	0.0%	0.0%	1.0%	1.8%	1.3%	1.4%	100.0%	0.0%	2.2%	2.3%	0.0%	2.2%	0.0%	0.0%	1.3%	4.7%	4.6%	2.7%	0.0%	2.2%	

