

# ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 13 & Nicollet Avenue  
 Date: 4/23/2024  
 Duration: 0600-1900

Site Code: 520  
 Ref Pt: N/A  
 Page No: 1 of 4

All Vehicles (Cars & Trucks) Printed

Start Time	Nicollet Avenue Southbound						TH 13 Westbound						Nicollet Avenue Northbound						TH 13 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	--	5	6	13	24	1	--	4	144	18	166	3	--	40	15	14	69	1	--	24	117	14	155	--	414	5
6:15	--	4	11	25	40	--	--	13	123	24	160	--	--	62	26	15	103	--	--	30	140	15	185	--	488	--
6:30	--	4	9	23	36	--	--	15	203	14	232	--	--	94	24	22	140	--	--	29	170	38	237	--	645	--
6:45	--	7	12	23	42	--	--	20	180	29	229	2	--	70	47	20	137	2	1	65	236	43	345	--	753	4
Hour Total	--	20	38	84	142	1	--	52	650	85	787	5	--	266	112	71	449	3	1	148	663	110	922	--	2300	9
7:00	--	7	15	25	47	--	--	23	199	25	247	1	--	91	46	32	169	--	1	60	242	50	353	--	816	1
7:15	--	3	19	34	56	--	--	26	189	19	234	--	--	98	34	34	166	--	1	72	280	58	411	--	867	--
7:30	--	7	13	32	52	--	--	42	268	13	323	--	--	106	37	62	205	--	1	51	369	36	457	--	1037	--
7:45	--	10	34	28	72	--	--	53	303	30	386	--	--	97	47	62	206	--	--	68	362	51	481	--	1145	--
Hour Total	--	27	81	119	227	--	--	144	959	87	1190	1	--	392	164	190	746	--	3	251	1253	195	1702	--	3865	1
8:00	1	11	14	35	61	--	--	24	267	18	309	3	--	83	43	47	173	1	1	63	331	84	479	--	1022	4
8:15	1	8	8	35	52	--	--	33	237	14	284	1	--	85	44	29	158	1	--	56	280	60	396	--	890	2
8:30	--	3	30	34	67	--	1	31	250	16	298	--	--	68	30	46	144	--	2	39	275	52	368	--	877	--
8:45	--	6	24	22	52	--	--	48	280	24	352	1	--	59	33	42	134	--	4	49	280	66	399	--	937	1
Hour Total	2	28	76	126	232	--	1	136	1034	72	1243	5	--	295	150	164	609	2	7	207	1166	262	1642	--	3726	7
9:00	--	11	32	33	76	--	--	29	225	15	269	--	--	89	41	30	160	--	--	55	213	63	331	2	836	2
9:15	--	6	20	29	55	--	--	61	207	17	285	--	--	52	32	37	121	--	3	33	261	62	359	--	820	--
9:30	--	8	30	30	68	--	--	35	197	15	247	1	--	68	33	48	149	--	--	30	181	54	265	1	729	2
9:45	--	9	30	16	55	--	--	60	188	10	258	1	--	51	33	36	120	2	2	19	189	56	266	--	699	3
Hour Total	--	34	112	108	254	--	--	185	817	57	1059	2	--	260	139	151	550	2	5	137	844	235	1221	3	3084	7
10:00	--	9	28	25	62	--	--	36	147	7	190	2	--	52	37	35	124	2	--	37	162	53	252	--	628	4
10:15	--	7	24	36	67	--	--	27	152	8	187	--	2	38	21	44	105	--	--	16	172	47	235	--	594	--
10:30	--	5	20	35	60	--	--	45	156	14	215	1	--	45	37	39	121	--	--	17	159	43	219	--	615	1
10:45	--	10	32	36	78	--	1	44	182	14	241	1	--	41	26	37	104	1	--	18	173	51	242	--	665	2
Hour Total	--	31	104	132	267	--	1	152	637	43	833	4	2	176	121	155	454	3	--	88	666	194	948	--	2502	7
11:00	--	9	27	24	60	--	--	40	138	13	191	--	--	49	42	37	128	--	4	23	178	53	258	--	637	--
11:15	--	10	20	33	63	--	--	30	149	11	190	--	2	61	24	47	134	--	--	27	170	54	251	--	638	--
11:30	--	9	27	33	69	--	--	44	150	18	212	--	--	56	31	55	142	--	1	23	155	54	233	--	656	--
11:45	--	14	31	37	82	--	--	43	179	12	234	--	--	62	33	58	153	--	1	28	202	69	300	--	769	--
Hour Total	--	42	105	127	274	--	--	157	616	54	827	--	2	228	130	197	557	--	6	101	705	230	1042	--	2700	--
12:00	--	8	39	34	81	1	--	52	160	12	224	1	--	60	48	53	161	--	1	32	189	53	275	--	741	2
12:15	--	11	33	33	77	--	--	35	184	11	230	1	--	57	31	48	136	--	--	29	187	57	273	--	716	1
12:30	--	17	28	31	76	--	1	55	158	20	234	2	--	60	47	53	160	--	--	31	191	58	280	1	750	3
12:45	--	10	44	47	101	--	1	36	190	21	248	1	--	49	40	50	139	--	3	31	214	75	323	--	811	1
Hour Total	--	46	144	145	335	1	2	178	692	64	936	5	--	226	166	204	596	--	4	123	781	243	1151	1	3018	7
13:00	--	5	37	36	78	1	2	51	188	19	260	--	--	65	40	55	160	--	2	29	181	58	270	--	768	1
13:15	--	9	40	37	86	--	--	46	179	11	236	1	--	72	39	39	150	--	1	29	228	61	319	--	791	1
13:30	1	15	34	19	69	--	1	37	185	13	236	1	--	62	29	43	134	--	1	34	206	66	307	--	746	1
13:45	--	17	48	52	117	1	4	45	270	19	338	3	--	59	32	35	126	2	2	33	221	58	314	--	895	6
Hour Total	1	46	159	144	350	2	7	179	822	62	1070	5	--	258	140	172	570	2	6	125	836	243	1210	--	3200	9
14:00	--	11	51	45	107	1	--	46	233	12	291	1	--	67	35	37	139	1	1	30	184	76	291	--	828	3
14:15	--	14	52	57	123	1	2	41	257	11	311	3	--	46	39	45	130	--	--	23	229	71	323	--	887	4
14:30	--	9	30	34	73	1	12	62	311	18	403	1	1	63	29	60	153	--	3	19	238	61	321	--	950	2
14:45	--	10	47	52	109	1	4	64	313	13	394	6	--	85	33	63	181	--	--	31	230	82	343	--	1027	7
Hour Total	--	44	180	188	412	4	18	213	1114	54	1399	11	1	261	136	205	603	1	4	103	881	290	1278	--	3692	16
15:00	--	12	49	50	111	--	32	60	397	18	507	--	--	63	39	57	159	--	1	27	265	66	359	1	1136	1
15:15	--	9	49	65	123	--	4	61	341	21	427	1	--	82	32	58	172	--	2	31	280	108	421	--	1143	1
15:30	--	13	25	57	95	--	--	49	327	9	385	3	--	74	36	67	177	--	--	26	279	103	408	1	1065	4
15:45	--	12	58	69	139	--	--	54	404	9	467	1	--	62	27	45	134	--	2	25	300	105	432	--	1172	1
Hour Total	--	46	181	241	468	--	36	224	1469	57	1786	5	--	281	134	227	642	--	5	109	1124	382	1620	2	4516	7
16:00	--	28	66	75	169	--	--	53	328	18	399	2	--	71	31	52	154	--	--	43	316	97	456	1	1178	3
16:15	--	16	54	63	133	--	--	64	399	20	483	2	1	71	45	47	164	--	1	47	345	119	512	--	1292	2
16:30	--	23	64	102	189	1	1	81	409	16	507	1	--	74	27	53	154	1	2	23	357	112	494	--	1344	3
16:45	--	21	73	75	169	1	--	47	387	21	455	2	--	60	35	56	151	1	2	26	332	103	463	--	1238	4
Hour Total	--	88	257	315	660	2	1	245	1523	75	1844	7	1	276	138	208	623	2	5	139	1350	431	1925	1	5052	12
17:00	--	28	50	67	145	1	--	70	380	20	470	2	--	73	36	54	163	--	1	36	338	97	472	--	1250	3
17:15	1	18	62	78	159	--	--	48	383	21	452	1	--	67	40	41	148	1	1	41	321	122	485	2	1244	4
17:30	--	24	60	65	149	--	--	41	274	16	331	1	--	70	27	54	151	1	1	38	322	80	441	--	1072	2
17:45	--	26	35	48	109	--	1	61	294	16	372	2	--	61	30	52	143	--	5	26	327	97	455	--	1079	2
Hour Total	1	96	207	258	562	1	1	220	1331	73	1625	6	--	271	133	201	605	2	8	141	1308	396	1853	2	4645	11
18:00	--	18	46	46	110	--	1	54	268	16	339	--	1	54	19	32	106	--	--	17	282	84	383	--	938	--
18:15	--	15	30	51	96	2	--	42	211	17	270															

# ALLIANT ENGINEERING, INC.

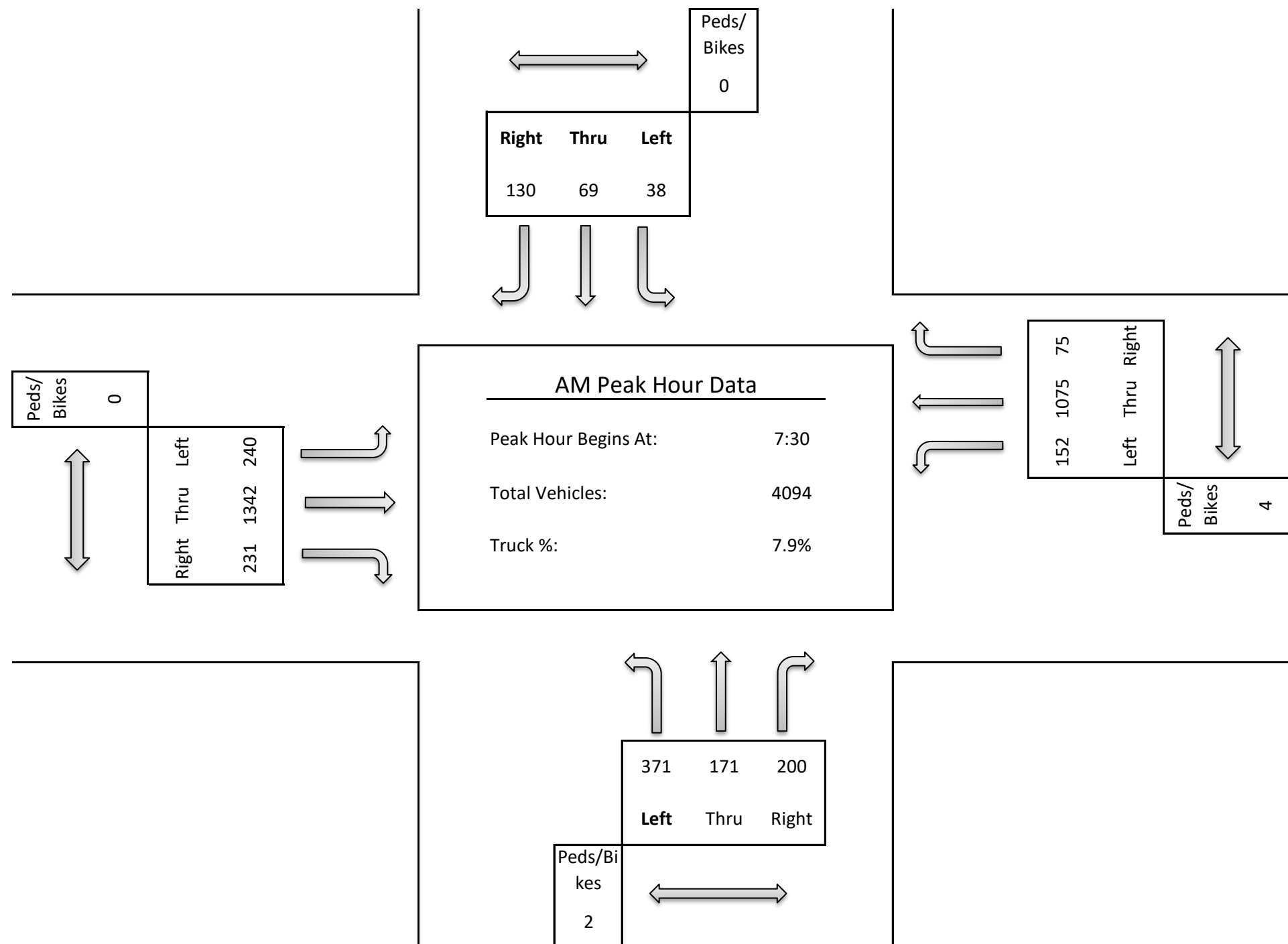
733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: TH 13 & Nicollet Avenue  
 Date: 4/23/2024  
 Duration: 0600-1900

Site Code: 520  
 Ref Pt: N/A  
 Page No: 2 of 4

All Vehicles (Cars & Trucks) Printed

Start Time	Nicollet Avenue Southbound						TH 13 Westbound						Nicollet Avenue Northbound						TH 13 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		
7:30	--	7	13	32	52	--	--	42	268	13	323	--	--	106	37	62	205	--	1	51	369	36	457	--	1037	--
7:45	--	10	34	28	72	--	--	53	303	30	386	--	--	97	47	62	206	--	--	68	362	51	481	--	1145	--
8:00	1	11	14	35	61	--	--	24	267	18	309	3	--	83	43	47	173	1	1	63	331	84	479	--	1022	4
8:15	1	8	8	35	52	--	--	33	237	14	284	1	--	85	44	29	158	1	--	56	280	60	396	--	890	2
<b>Hour Total</b>	<b>2</b>	<b>36</b>	<b>69</b>	<b>130</b>	<b>237</b>	<b>--</b>	<b>--</b>	<b>152</b>	<b>1075</b>	<b>75</b>	<b>1302</b>	<b>4</b>	<b>--</b>	<b>371</b>	<b>171</b>	<b>200</b>	<b>742</b>	<b>2</b>	<b>2</b>	<b>238</b>	<b>1342</b>	<b>231</b>	<b>1813</b>	<b>--</b>	<b>4094</b>	<b>6</b>
% of App.	0.8%	15.2%	29.1%	54.9%			0.0%	11.7%	82.6%	5.8%			0.0%	50.0%	23.0%	27.0%			0.1%	13.1%	74.0%	12.7%				
% of Total	0.0%	0.9%	1.7%	3.2%	5.8%	0.0%	0.0%	3.7%	26.3%	1.8%	31.8%	66.7%	0.0%	9.1%	4.2%	4.9%	18.1%	33.3%	0.0%	5.8%	32.8%	5.6%	44.3%	0.0%		
Cars Total	2	30	60	117	209	--	--	143	960	67	1170	4	--	362	156	188	706	2	2	228	1234	220	1684	--	3769	6
Cars % of Movement	100%	83.3%	87.0%	90.0%	88.2%	0.0%	0.0%	94.1%	89.3%	89.3%	89.9%	66.7%	0.0%	97.6%	91.2%	94.0%	95.1%	33.3%	100%	95.8%	92.0%	95.2%	92.9%	0.0%	92.1%	
Trucks Total	--	6	9	13	28	--	--	9	115	8	132	--	--	9	15	12	36	--	--	10	108	11	129	--	325	--
Trucks % of Movement	0.0%	16.7%	13.0%	10.0%	11.8%	--	0.0%	5.9%	10.7%	10.7%	10.1%	--	0.0%	2.4%	8.8%	6.0%	4.9%	--	0.0%	4.2%	8.0%	4.8%	7.1%	--	7.9%	



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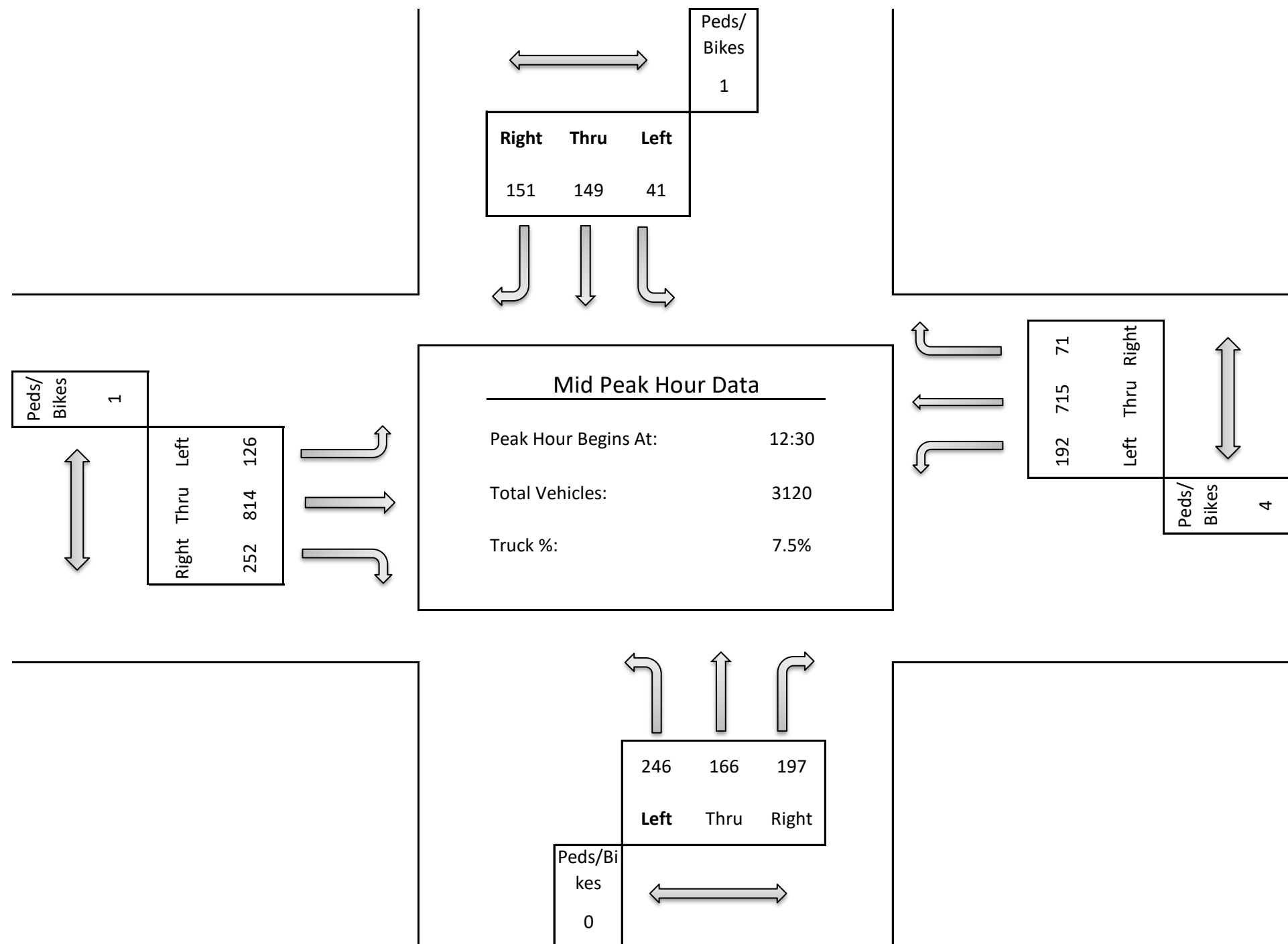
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Start Time	Nicollet Avenue Southbound						TH 13 Westbound						Nicollet Avenue Northbound						TH 13 Eastbound						Int. Veh. Total	Int. Ped/Bike Total
	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes	U-Turn	Left	Thru	Right	App. Total	Peds/Bikes		
12:30	--	17	28	31	<b>76</b>	--	1	55	158	20	<b>234</b>	2	--	60	47	53	<b>160</b>	--	--	31	191	58	<b>280</b>	1	750	3
12:45	--	10	44	47	<b>101</b>	--	1	36	190	21	<b>248</b>	1	--	49	40	50	<b>139</b>	--	3	31	214	75	<b>323</b>	--	811	1
13:00	--	5	37	36	<b>78</b>	1	2	51	188	19	<b>260</b>	--	--	65	40	55	<b>160</b>	--	2	29	181	58	<b>270</b>	--	768	1
13:15	--	9	40	37	<b>86</b>	--	--	46	179	11	<b>236</b>	1	--	72	39	39	<b>150</b>	--	1	29	228	61	<b>319</b>	--	791	1
<b>Hour Total</b>	--	<b>41</b>	<b>149</b>	<b>151</b>	<b>341</b>	<b>1</b>	<b>4</b>	<b>188</b>	<b>715</b>	<b>71</b>	<b>978</b>	<b>4</b>	--	<b>246</b>	<b>166</b>	<b>197</b>	<b>609</b>	--	<b>6</b>	<b>120</b>	<b>814</b>	<b>252</b>	<b>1192</b>	<b>1</b>	<b>3120</b>	<b>6</b>
% of App.	0.0%	12.0%	43.7%	44.3%			0.4%	19.2%	73.1%	7.3%			0.0%	40.4%	27.3%	32.3%			0.5%	10.1%	68.3%	21.1%				
% of Total	0.0%	1.3%	4.8%	4.8%	10.9%	16.7%	0.1%	6.0%	22.9%	2.3%	31.3%	66.7%	0.0%	7.9%	5.3%	6.3%	19.5%	0.0%	0.2%	3.8%	26.1%	8.1%	38.2%	16.7%		
Cars Total	--	38	140	142	<b>320</b>	1	3	180	646	66	<b>895</b>	4	--	233	157	187	<b>577</b>	--	6	110	735	243	<b>1094</b>	1	2886	6
Cars % of Movement	0.0%	92.7%	94.0%	94.0%	93.8%	16.7%	75.0%	95.7%	90.3%	93.0%	91.5%	66.7%	0.0%	94.7%	94.6%	94.9%	94.7%	0.0%	100%	91.7%	90.3%	96.4%	91.8%	16.7%	92.5%	
Trucks Total	--	3	9	9	<b>21</b>	--	1	8	69	5	<b>83</b>	--	--	13	9	10	<b>32</b>	--	--	10	79	9	<b>98</b>	--	234	--
Trucks % of Movement	0.0%	7.3%	6.0%	6.0%	6.2%	--	25.0%	4.3%	9.7%	7.0%	8.5%	--	0.0%	5.3%	5.4%	5.1%	5.3%	--	0.0%	8.3%	9.7%	3.6%	8.2%	--	7.5%	



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16:15	--	16	54	63	133	--	--	64	399	20	483	2	1	71	45	47	164	--	1	47	345	119	512	--	1292	2
16:30	--	23	64	102	189	1	1	81	409	16	507	1	--	74	27	53	154	1	2	23	357	112	494	--	1344	3
16:45	--	21	73	75	169	1	--	47	387	21	455	2	--	60	35	56	151	1	2	26	332	103	463	--	1238	4
17:00	--	28	50	67	145	1	--	70	380	20	470	2	--	73	36	54	163	--	1	36	338	97	472	--	1250	3
<b>Hour Total</b>	--	88	241	307	636	3	1	262	1575	77	1915	7	1	278	143	210	632	2	6	132	1372	431	1941	--	5124	12
% of App.	0.0%	13.8%	37.9%	48.3%			0.1%	13.7%	82.2%	4.0%			0.2%	44.0%	22.6%	33.2%			0.3%	6.8%	70.7%	22.2%				
% of Total	0.0%	1.7%	4.7%	6.0%	12.4%	25.0%	0.0%	5.1%	30.7%	1.5%	37.4%	58.3%	0.0%	5.4%	2.8%	4.1%	12.3%	16.7%	0.1%	2.6%	26.8%	8.4%	37.9%	0.0%		
Cars Total	--	85	234	299	618	3	1	260	1504	69	1834	6	1	270	135	210	616	2	6	120	1329	425	1880	--	4948	11
Cars % of Movement	0.0%	96.6%	97.1%	97.4%	97.2%	27.3%	100%	99.2%	95.5%	89.6%	95.8%	54.5%	100%	97.1%	94.4%	100%	97.5%	18.2%	100%	90.9%	96.9%	98.6%	96.9%	0.0%	96.6%	
Trucks Total	--	3	7	8	18	--	--	2	71	8	81	1	--	8	8	--	16	--	--	12	43	6	61	--	176	1
Trucks % of Movement	0.0%	3.4%	2.9%	2.6%	2.8%	0.0%	0.0%	0.8%	4.5%	10.4%	4.2%	100.0%	0.0%	2.9%	5.6%	0.0%	2.5%	0.0%	0.0%	9.1%	3.1%	1.4%	3.1%	0.0%	3.4%	

