



# ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

Intersection: CSAH 17 & CSAH 16  
Date: 4/13/2024  
Duration: 0500-2300

Site Code: 331  
Ref Pt: N/A  
Page No: 2 of 5

All Vehicles (Cars & Trucks) Printed

Start Time	CSAH 17 Southbound						CSAH 16 Westbound						CSAH 17 Northbound						CSAH 16 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		
14:00	1	97	70	54	222	3	1	14	52	105	172	1	--	12	79	16	107	--	1	61	73	8	143	--	644	4
<b>Grand Total</b>	<b>22</b>	<b>4370</b>	<b>3614</b>	<b>2783</b>	<b>10789</b>	<b>79</b>	<b>19</b>	<b>782</b>	<b>2903</b>	<b>4900</b>	<b>8604</b>	<b>18</b>	<b>--</b>	<b>471</b>	<b>3769</b>	<b>833</b>	<b>5073</b>	<b>38</b>	<b>21</b>	<b>2793</b>	<b>2564</b>	<b>422</b>	<b>5800</b>	<b>28</b>	<b>30266</b>	<b>163</b>
<b>% of App. Total</b>	0.2%	40.5%	33.5%	25.8%			0.2%	9.1%	33.7%	57.0%			0.0%	9.3%	74.3%	16.4%			0.4%	48.2%	44.2%	7.3%				
<b>Cars Total</b>	22	4346	3569	2728	10665	51	19	782	2897	4885	8583	8	--	440	3740	833	5013	25	21	2783	2562	409	5775	21	30036	105
<b>Trucks Total</b>	--	24	45	55	124	28	--	--	6	15	21	10	--	31	29	--	60	13	--	10	2	13	25	7	230	58

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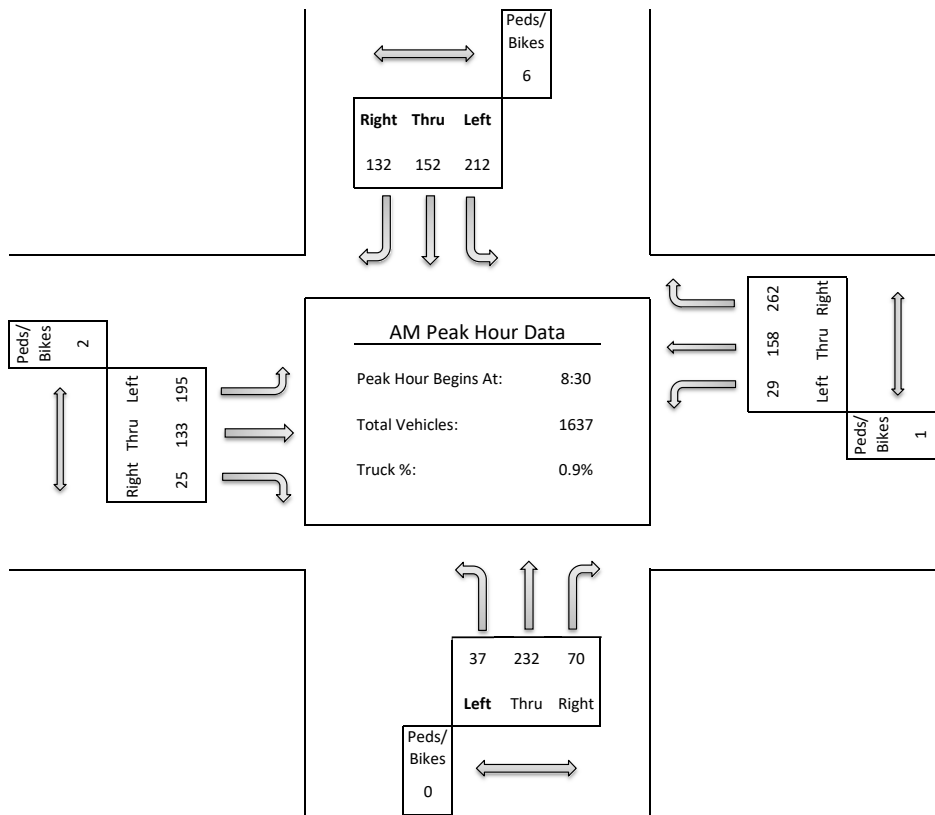
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8:30	--	49	31	33	113	3	--	3	29	55	87	--	--	9	45	19	73	--	--	56	29	6	91	--	364	3
8:45	2	45	40	34	121	1	--	7	46	69	122	--	--	10	46	10	66	--	--	40	28	6	74	--	383	1
9:00	--	40	35	24	99	2	--	11	48	67	126	1	--	9	59	26	94	--	--	51	41	5	97	--	416	3
9:15	--	76	46	41	163	--	--	8	35	71	114	--	--	9	82	15	106	--	--	48	35	8	91	2	474	2
<b>Hour Total</b>	<b>2</b>	<b>210</b>	<b>152</b>	<b>132</b>	<b>496</b>	<b>6</b>	<b>--</b>	<b>29</b>	<b>158</b>	<b>262</b>	<b>449</b>	<b>1</b>	<b>--</b>	<b>37</b>	<b>232</b>	<b>70</b>	<b>339</b>	<b>--</b>	<b>--</b>	<b>195</b>	<b>133</b>	<b>25</b>	<b>353</b>	<b>2</b>	<b>1637</b>	<b>9</b>
% of App.	0.4%	42.3%	30.6%	26.6%			0.0%	6.5%	35.2%	58.4%			0.0%	10.9%	68.4%	20.6%			0.0%	55.2%	37.7%	7.1%				
% of Total	0.1%	12.8%	9.3%	8.1%	30.3%	66.7%	0.0%	1.8%	9.7%	16.0%	27.4%	11.1%	0.0%	2.3%	14.2%	4.3%	20.7%	0.0%	0.0%	11.9%	8.1%	1.5%	21.6%	22.2%		
Cars Total	2	206	149	131	488	4	--	29	158	259	446	--	--	34	231	70	335	--	--	195	133	25	353	2	1622	6
Cars % of Movement	100%	98.1%	98.0%	99.2%	98.4%	66.7%	0.0%	100%	100%	98.9%	99.3%	0.0%	0.0%	91.9%	99.6%	100%	98.8%	0.0%	0.0%	100%	100%	100%	100%	33.3%	99.1%	
Trucks Total	--	4	3	1	8	2	--	--	--	3	3	1	--	3	1	--	4	--	--	--	--	--	0	--	15	3
Trucks % of Movement	0.0%	1.9%	2.0%	0.8%	1.6%	66.7%	0.0%	0.0%	0.0%	1.1%	0.7%	33.3%	0.0%	8.1%	0.4%	0.0%	1.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.9%	



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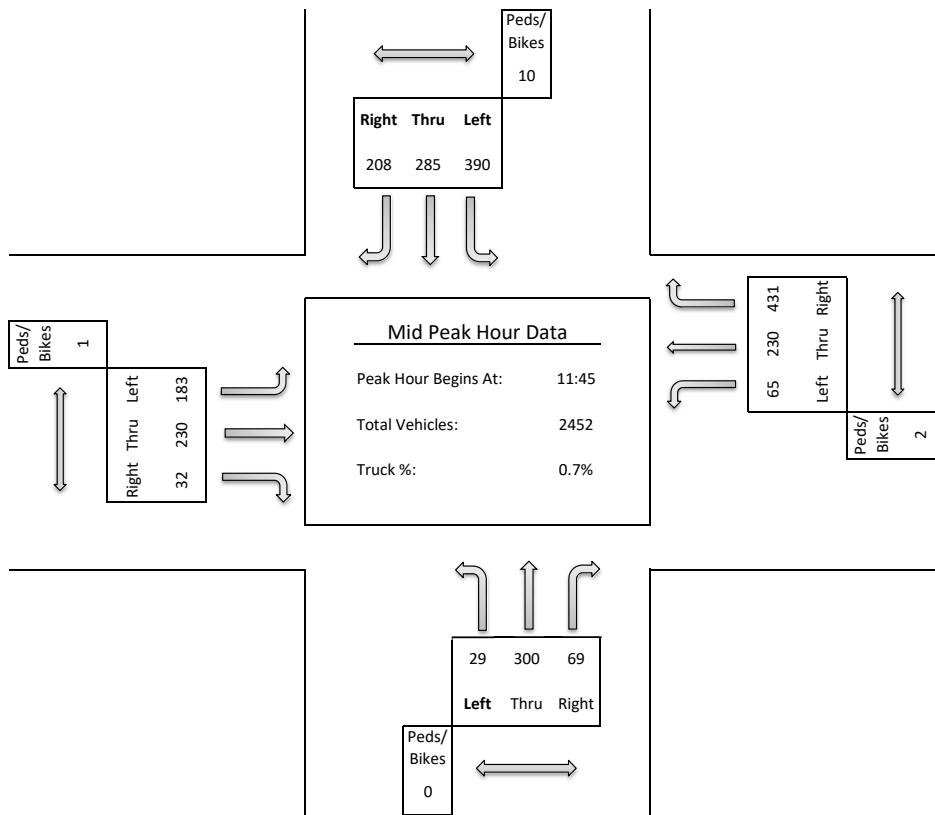
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11:45	2	96	77	46	221	2	--	14	73	107	194	--	--	6	83	20	109	--	1	50	54	6	111	--	635	2
12:00	1	106	75	52	234	4	--	15	48	102	165	2	--	6	68	21	95	--	--	40	56	6	102	--	596	6
12:15	--	106	64	42	212	--	--	19	54	108	181	--	--	11	71	15	97	--	--	54	69	10	133	--	623	--
12:30	1	78	69	68	216	4	1	16	55	114	186	--	--	6	78	13	97	--	--	38	51	10	99	1	598	5
Hour Total	4	386	285	208	883	10	1	64	230	431	726	2	--	29	300	69	398	--	1	182	230	32	445	1	2452	13
% of App.	0.5%	43.7%	32.3%	23.6%			0.1%	8.8%	31.7%	59.4%			0.0%	7.3%	75.4%	17.3%			0.2%	40.9%	51.7%	7.2%				
% of Total	0.2%	15.7%	11.6%	8.5%	36.0%	76.9%	0.0%	2.6%	9.4%	17.6%	29.6%	15.4%	0.0%	1.2%	12.2%	2.8%	16.2%	0.0%	0.0%	7.4%	9.4%	1.3%	18.1%	7.7%		
Cars Total	4	385	283	205	877	9	1	64	229	431	725	--	--	25	298	69	392	--	1	182	229	30	442	--	2436	9
Cars % of Movement	100%	99.7%	99.3%	98.6%	99.3%	###	100%	100%	99.6%	100%	99.9%	0.0%	0.0%	86.2%	99.3%	100%	98.5%	0.0%	100%	100%	99.6%	93.8%	99.3%	0.0%	99.3%	
Trucks Total	--	1	2	3	6	1	--	--	1	--	1	2	--	4	2	--	6	--	--	--	1	2	3	1	16	4
Trucks % of Movement	0.0%	0.3%	0.7%	1.4%	0.7%	25.0%	0.0%	0.0%	0.4%	0.0%	0.1%	50.0%	0.0%	13.8%	0.7%	0.0%	1.5%	0.0%	0.0%	0.0%	0.4%	6.3%	0.7%	25.0%	0.7%	



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14:30	--	100	71	53	224	--	--	19	67	108	194	--	--	12	70	18	100	1	--	63	55	16	134	2	652	3
14:45	1	102	79	49	231	1	2	13	53	96	164	--	--	4	58	23	85	2	--	56	56	10	122	--	602	3
15:00	1	83	62	55	201	4	--	25	57	102	184	--	--	9	69	17	95	--	--	60	49	6	115	--	595	4
15:15	--	74	69	39	182	--	--	14	66	109	189	--	--	11	58	9	78	--	1	34	51	14	100	--	549	--
<b>Hour Total</b>	<b>2</b>	<b>359</b>	<b>281</b>	<b>196</b>	<b>838</b>	<b>5</b>	<b>2</b>	<b>71</b>	<b>243</b>	<b>415</b>	<b>731</b>	<b>--</b>	<b>--</b>	<b>36</b>	<b>255</b>	<b>67</b>	<b>358</b>	<b>3</b>	<b>1</b>	<b>213</b>	<b>211</b>	<b>46</b>	<b>471</b>	<b>2</b>	<b>2398</b>	<b>10</b>
% of App.	0.2%	42.8%	33.5%	23.4%			0.3%	9.7%	33.2%	56.8%			0.0%	10.1%	71.2%	18.7%			0.2%	45.2%	44.8%	9.8%				
% of Total	0.1%	15.0%	11.7%	8.2%	34.9%	50.0%	0.1%	3.0%	10.1%	17.3%	30.5%	0.0%	0.0%	1.5%	10.6%	2.8%	14.9%	30.0%	0.0%	8.9%	8.8%	1.9%	####	20.0%		
Cars Total	2	358	277	193	830	3	2	71	243	415	731	--	--	33	251	67	351	2	1	213	210	45	469	--	2381	5
Cars % of Movement	100%	99.7%	98.6%	98.5%	99.0%	60.0%	100%	100%	100%	100%	100%	0.0%	0.0%	91.7%	98.4%	100%	98.0%	40.0%	100%	100%	99.5%	97.8%	####	0.0%	99.3%	
Trucks Total	--	1	4	3	8	2	--	--	--	--	0	--	--	3	4	--	7	1	--	--	1	1	2	2	17	5
Trucks % of Movement	0.0%	0.3%	1.4%	1.5%	1.0%	40.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	8.3%	1.6%	0.0%	2.0%	20.0%	0.0%	0.0%	0.5%	2.2%	0.4%	40.0%	0.7%	

