





## KLJ Engineering

### Turning Movement Counts

Intersection: Carlson & Twelve Oaks  
 Date Collected: 12/12/2024  
 Duration: 06:00 to 23:00

AM Peak: 08:00 to 09:00  
 MD Peak: 13:15 to 14:15  
 PM Peak: 16:15 to 17:15

Start Time	Carlson Pkwy						Carlson Pkwy						Twelve Oaks Center Dr						Lakeshore Pkwy						Veh. Total	Ped/Bike Total	
	Northbound						Southbound						Eastbound						Westbound								
	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike			
18:30	0	8	20	5	33	0	0	5	40	5	50	0	0	7	1	18	26	0	0	9	0	7	16	0	125	0	
18:45	0	10	21	3	34	0	0	1	29	5	35	0	0	5	0	12	17	0	0	5	0	2	7	0	93	0	
19:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

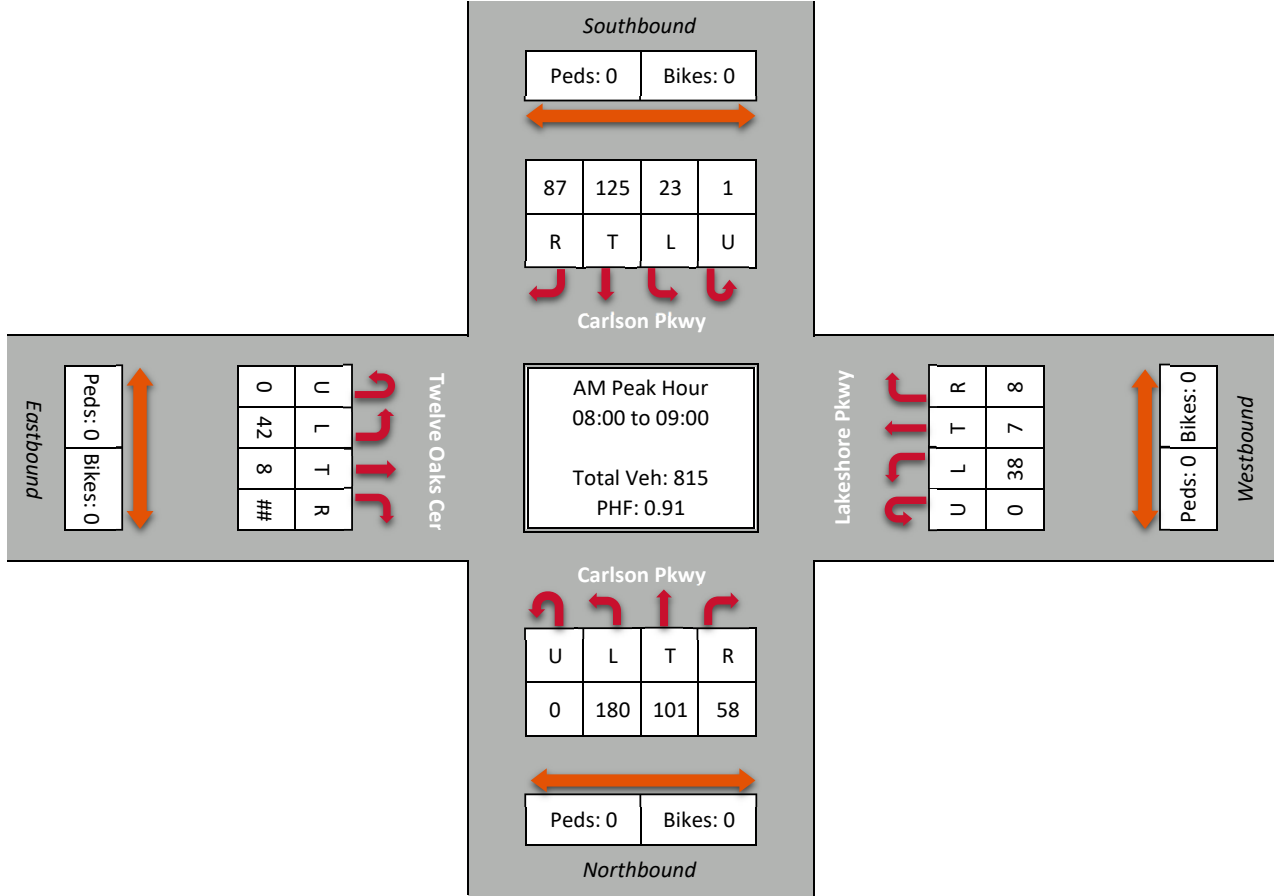


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Start Time	Carlson Pkwy Northbound						Carlson Pkwy Southbound						Twelve Oaks Center Dr Eastbound						Lakeshore Pkwy Westbound						Veh. Total	Ped/Bike Total
	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike		
	8:00	0	42	21	12	75	0	0	6	31	20	57	0	0	7	1	30	38	0	0	9	1	2	12		
8:15	0	43	24	21	88	0	0	7	33	20	60	0	0	11	1	29	41	0	0	13	3	2	18	0	207	0
8:30	0	45	26	13	84	0	1	5	30	23	59	0	0	9	4	39	52	0	0	5	1	2	8	0	203	0
8:45	0	50	30	12	92	0	0	5	31	24	60	0	0	15	2	39	56	0	0	11	2	2	15	0	223	0
<b>Total</b>	<b>0</b>	<b>180</b>	<b>101</b>	<b>58</b>	<b>339</b>	<b>0</b>	<b>1</b>	<b>23</b>	<b>125</b>	<b>87</b>	<b>236</b>	<b>0</b>	<b>0</b>	<b>42</b>	<b>8</b>	<b>137</b>	<b>187</b>	<b>0</b>	<b>0</b>	<b>38</b>	<b>7</b>	<b>8</b>	<b>53</b>	<b>0</b>	<b>815</b>	<b>0</b>
<b>Trucks</b>	<b>0.0%</b>	<b>0.0%</b>	<b>3.0%</b>	<b>3.4%</b>	<b>1.5%</b>	<b>-</b>	<b>0.0%</b>	<b>8.7%</b>	<b>3.2%</b>	<b>0.0%</b>	<b>2.5%</b>	<b>-</b>	<b>0.0%</b>	<b>4.8%</b>	<b>0.0%</b>	<b>2.2%</b>	<b>2.7%</b>	<b>-</b>	<b>0.0%</b>	<b>2.6%</b>	<b>28.6%</b>	<b>0.0%</b>	<b>5.7%</b>	<b>-</b>	<b>2.3%</b>	<b>-</b>



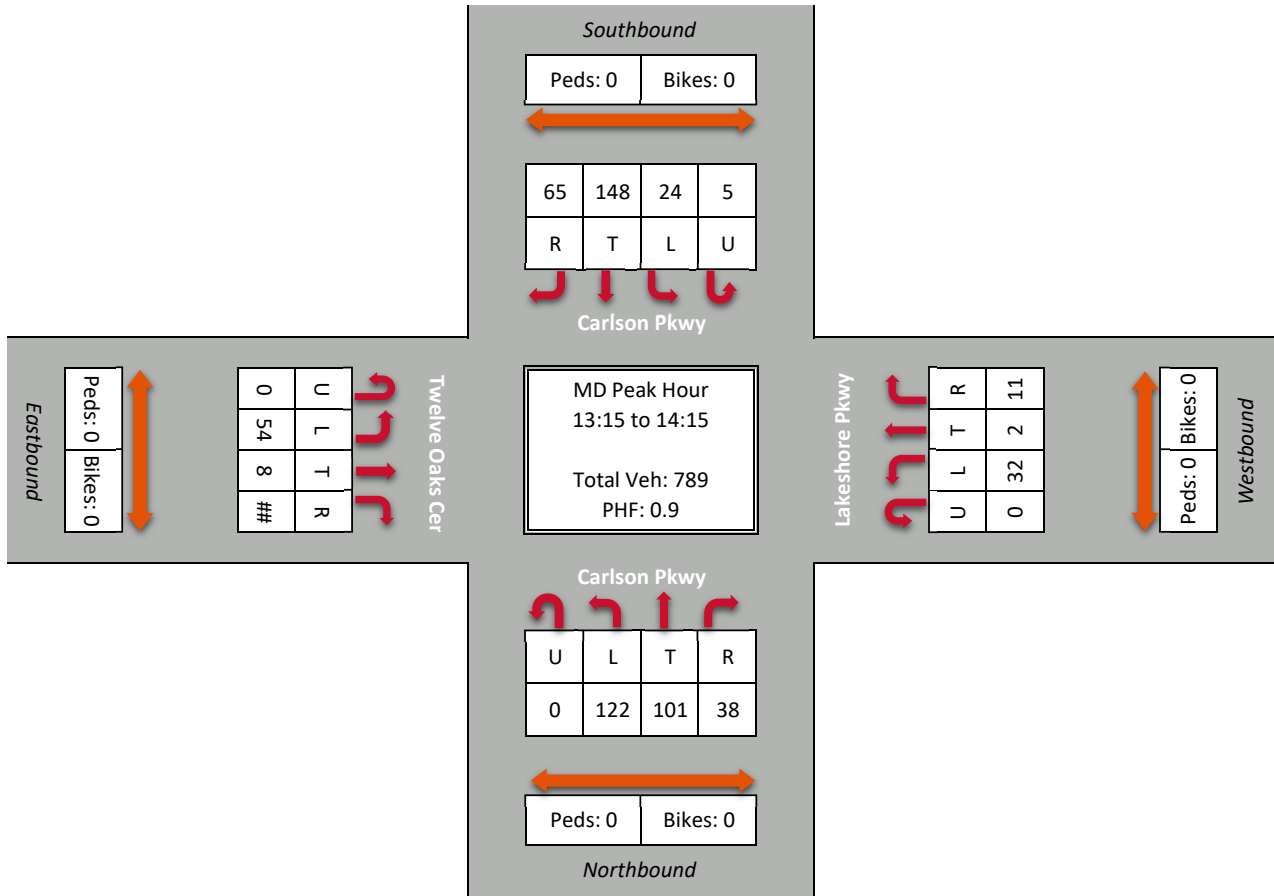


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	Northbound						Southbound						Eastbound						Westbound							
	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike		
13:15	0	28	25	6	59	0	2	5	34	15	56	0	0	13	3	36	52	0	0	7	0	2	9	0	176	0
13:30	0	29	29	8	66	0	1	11	32	22	66	0	0	8	2	43	53	0	0	6	2	3	11	0	196	0
13:45	0	38	25	11	74	0	1	4	37	10	52	0	0	17	3	43	63	0	0	10	0	0	10	0	199	0
14:00	0	27	22	13	62	0	1	4	45	18	68	0	0	16	0	57	73	0	0	9	0	6	15	0	218	0
<b>Total</b>	<b>0</b>	<b>122</b>	<b>101</b>	<b>38</b>	<b>261</b>	<b>0</b>	<b>5</b>	<b>24</b>	<b>148</b>	<b>65</b>	<b>242</b>	<b>0</b>	<b>0</b>	<b>54</b>	<b>8</b>	<b>179</b>	<b>241</b>	<b>0</b>	<b>0</b>	<b>32</b>	<b>2</b>	<b>11</b>	<b>45</b>	<b>0</b>	<b>789</b>	<b>0</b>
<b>Trucks</b>	<b>0.0%</b>	<b>1.6%</b>	<b>1.0%</b>	<b>2.6%</b>	<b>1.5%</b>	<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>2.0%</b>	<b>0.0%</b>	<b>1.2%</b>	<b>-</b>	<b>0.0%</b>	<b>1.9%</b>	<b>0.0%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>-</b>	<b>0.0%</b>	<b>3.1%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>2.2%</b>	<b>-</b>	<b>1.4%</b>	<b>-</b>





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	Northbound						Southbound						Eastbound						Westbound							
	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike	U	L	T	R	Tot.	Ped/Bike		
16:15	0	21	42	27	90	0	1	15	63	10	89	0	0	26	5	55	86	0	0	6	2	6	14	0	279	0
16:30	0	19	41	24	84	0	2	4	50	13	69	0	0	14	2	59	75	0	0	3	0	10	13	0	241	0
16:45	0	25	38	17	80	0	0	9	60	10	79	0	0	17	2	58	77	0	0	14	1	3	18	0	254	0
17:00	0	31	43	17	91	0	1	6	49	10	66	0	0	33	1	60	94	0	0	5	1	1	7	0	258	0
<b>Total</b>	<b>0</b>	<b>96</b>	<b>164</b>	<b>85</b>	<b>345</b>	<b>0</b>	<b>4</b>	<b>34</b>	<b>222</b>	<b>43</b>	<b>303</b>	<b>0</b>	<b>0</b>	<b>90</b>	<b>10</b>	<b>232</b>	<b>332</b>	<b>0</b>	<b>0</b>	<b>28</b>	<b>4</b>	<b>20</b>	<b>52</b>	<b>0</b>	<b>1032</b>	<b>0</b>
<b>Trucks</b>	<b>0.0%</b>	<b>1.0%</b>	<b>0.6%</b>	<b>0.0%</b>	<b>0.6%</b>	<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>0.5%</b>	<b>2.3%</b>	<b>0.7%</b>	<b>-</b>	<b>0.0%</b>	<b>0.0%</b>	<b>10.0%</b>	<b>0.0%</b>	<b>0.3%</b>	<b>-</b>	<b>0.0%</b>	<b>3.6%</b>	<b>0.0%</b>	<b>0.0%</b>	<b>1.9%</b>	<b>-</b>	<b>0.6%</b>	<b>-</b>

