

# Alliant Engineering Inc Minneapolis, MN 55415

TH-149 at Wescott Rd / Baffin Trail  
 Ref.Pt.: 000.834  
 Alliant Engineering Inc  
 TURN MOVEMENT COUNT

File Name : 19\_TH 149 at Wescott Rd\_030410  
 Site Code : 00000019  
 Start Date : 3/4/2010  
 Page No : 1

**Groups Printed- Unshifted**

Start Time	Dodd Rd/Jefferson Trail W (TH 149) Southbound				Baffin Trail Westbound				Jefferson Trail W (TH 149) Northbound				Wescott Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	5	7	0	3	24	5	0	20	59	0	0	9	3	4	0	139
06:15	2	5	7	0	2	23	2	0	23	88	2	0	19	6	0	0	179
06:30	0	16	9	0	2	10	3	0	16	113	1	0	21	6	4	0	201
06:45	0	18	11	0	4	11	0	0	27	167	3	0	35	11	7	0	294
Total	2	44	34	0	11	68	10	0	86	427	6	0	84	26	15	0	813
07:00	1	12	2	0	2	13	3	0	25	172	3	0	31	12	2	1	279
07:15	3	22	3	0	6	8	8	1	18	205	2	0	62	21	3	1	363
07:30	3	17	8	0	1	6	5	0	19	215	3	0	48	23	7	0	355
07:45	3	19	7	0	1	9	5	0	35	220	8	0	66	23	4	0	400
Total	10	70	20	0	10	36	21	1	97	812	16	0	207	79	16	2	1397
08:00	2	27	10	0	4	5	4	0	27	174	4	0	51	19	7	0	334
08:15	0	22	12	0	1	4	1	0	16	127	1	0	34	14	3	0	235
08:30	1	28	14	0	3	10	0	0	16	89	5	0	25	8	9	0	208
08:45	1	27	11	0	1	5	2	0	8	84	4	0	18	6	6	0	173
Total	4	104	47	0	9	24	7	0	67	474	14	0	128	47	25	0	950
09:00	1	27	10	0	7	9	0	0	14	72	1	0	26	10	3	0	180
09:15	6	39	9	0	19	14	5	1	9	40	5	0	9	16	9	1	182
*** BREAK ***																	
Total	7	66	19	0	26	23	5	1	23	112	6	0	35	26	12	1	362
*** BREAK ***																	
10:30	1	25	5	0	6	13	1	0	3	24	2	0	8	3	5	0	96
10:45	0	19	8	0	2	7	0	0	5	26	2	0	12	4	6	0	91
Total	1	44	13	0	8	20	1	0	8	50	4	0	20	7	11	0	187
11:00	0	25	8	0	2	12	0	0	6	29	2	0	4	4	2	1	95
11:15	0	24	8	0	3	6	1	0	2	31	4	0	9	3	1	0	92
11:30	0	23	7	0	3	7	0	0	1	49	4	0	9	6	11	1	121
11:45	0	26	4	0	4	9	0	0	8	35	1	0	9	4	5	0	105
Total	0	98	27	0	12	34	1	0	17	144	11	0	31	17	19	2	413
12:00	0	28	8	0	0	6	0	0	5	50	0	0	11	3	5	0	116
12:15	0	31	13	0	3	4	0	0	7	44	3	0	7	4	1	0	117
12:30	1	20	3	0	2	3	2	0	9	34	3	0	8	7	3	0	95
12:45	6	25	20	0	3	4	0	0	8	42	2	0	15	11	9	0	145
Total	7	104	44	0	8	17	2	0	29	170	8	0	41	25	18	0	473
13:00	3	22	7	0	4	3	0	0	2	27	5	0	12	3	4	0	92
13:15	5	32	6	0	4	5	1	0	5	37	7	0	6	8	3	0	119
*** BREAK ***																	
Total	8	54	13	0	8	8	1	0	7	64	12	0	18	11	7	0	211
*** BREAK ***																	
14:30	2	28	11	0	2	11	2	0	1	33	4	0	14	33	24	0	165
14:45	2	70	13	0	2	7	3	1	5	38	5	0	13	12	9	0	180
Total	4	98	24	0	4	18	5	1	6	71	9	0	27	45	33	0	345
15:00	2	82	15	0	7	5	1	0	3	22	5	0	10	24	14	1	191
15:15	1	50	12	0	11	6	1	0	6	35	4	0	8	9	13	0	156
15:30	1	95	19	0	2	18	0	0	11	31	5	0	12	7	11	0	212

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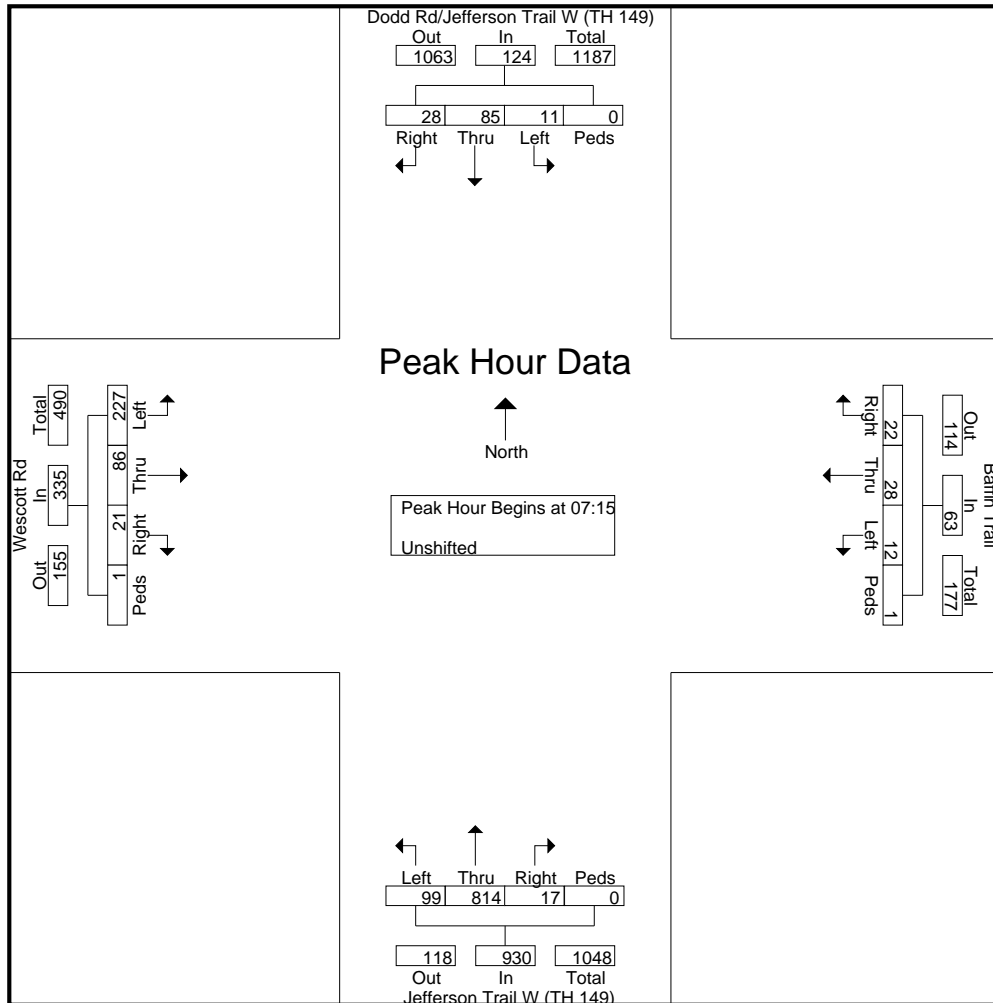
Start Time	Dodd Rd/Jefferson Trail W (TH 149) Southbound				Baffin Trail Westbound				Jefferson Trail W (TH 149) Northbound				Wescott Rd Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
15:45	2	67	15	0	4	3	0	1	2	40	5	0	16	23	21	0	199
Total	6	294	61	0	24	32	2	1	22	128	19	0	46	63	59	1	758
16:00	1	111	27	0	5	9	0	0	7	42	2	0	15	12	20	1	252
16:15	2	127	24	0	6	13	1	0	9	34	5	0	15	27	24	0	287
16:30	0	96	26	0	6	11	2	0	12	34	5	0	15	20	3	0	230
16:45	5	141	43	0	10	21	1	0	10	29	8	0	12	19	2	1	302
Total	8	475	120	0	27	54	4	0	38	139	20	0	57	78	49	2	1071
17:00	0	92	41	0	16	24	1	0	15	44	7	0	8	25	6	0	279
17:15	3	116	59	2	11	29	2	0	1	41	9	0	9	26	11	0	319
17:30	1	178	60	0	7	17	1	0	9	43	3	0	28	22	9	0	378
17:45	1	103	31	0	5	12	0	0	8	56	17	0	16	26	14	0	289
Total	5	489	191	2	39	82	4	0	33	184	36	0	61	99	40	0	1265
Grand Total	62	1940	613	2	186	416	63	4	433	2775	161	0	755	523	304	8	8245
Apprch %	2.4	74.1	23.4	0.1	27.8	62.2	9.4	0.6	12.9	82.4	4.8	0	47.5	32.9	19.1	0.5	
Total %	0.8	23.5	7.4	0	2.3	5	0.8	0	5.3	33.7	2	0	9.2	6.3	3.7	0.1	

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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	3	22	3	0	28	6	8	8	1	23	18	205	2	0	225	62	21	3	1	87	363
07:30	3	17	8	0	28	1	6	5	0	12	19	215	3	0	237	48	23	7	0	78	355
07:45	3	19	7	0	29	1	9	5	0	15	35	220	8	0	263	66	23	4	0	93	400
08:00	2	27	10	0	39	4	5	4	0	13	27	174	4	0	205	51	19	7	0	77	334
Total Volume	11	85	28	0	124	12	28	22	1	63	99	814	17	0	930	227	86	21	1	335	1452
% App. Total	8.9	68.5	22.6	0		19	44.4	34.9	1.6		10.6	87.5	1.8	0		67.8	25.7	6.3	0.3		
PHF	.917	.787	.700	.000	.795	.500	.778	.688	.250	.685	.707	.925	.531	.000	.884	.860	.935	.750	.250	.901	.908



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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
16:45	5	141	43	0	189	10	21	1	0	32	10	29	8	0	47	12	19	2	1	34	302
17:00	0	92	41	0	133	16	24	1	0	41	15	44	7	0	66	8	25	6	0	39	279
17:15	3	116	59	2	180	11	29	2	0	42	1	41	9	0	51	9	26	11	0	46	319
17:30	1	178	60	0	239	7	17	1	0	25	9	43	3	0	55	28	22	9	0	59	378
Total Volume	9	527	203	2	741	44	91	5	0	140	35	157	27	0	219	57	92	28	1	178	1278
% App. Total	1.2	71.1	27.4	0.3		31.4	65	3.6	0		16	71.7	12.3	0		32	51.7	15.7	0.6		
PHF	.450	.740	.846	.250	.775	.688	.784	.625	.000	.833	.583	.892	.750	.000	.830	.509	.885	.636	.250	.754	.845

Peak Hour Analysis From 15:00 to 17:45 - Peak 1 of 1  
 Peak Hour for Entire Intersection Begins at 16:45

