

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

Diffley Rd at Johnny Cake Rd  
 Ref.Pt.:  
 data by Alliant Engineering  
 TURN MOVEMENT COUNT

File Name : 304 - Diffley Road & Johnny Cake Road  
 Site Code : 304  
 Start Date : 2/6/2014  
 Page No : 1

Groups Printed- Cars

Start Time	Johnny Cake Road Southbound					Diffley Road Westbound					Johnny Cake Road Northbound					Diffley Road Eastbound					Int. Total	
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds		
06:00	0	2	1	6	0	0	0	55	0	0	0	22	2	2	0	0	10	28	2	0	130	
06:15	0	1	1	8	0	0	3	94	2	0	0	38	4	0	0	0	12	29	5	0	197	
06:30	0	3	0	9	0	0	7	103	5	0	0	55	6	2	0	0	13	48	5	0	256	
06:45	0	9	1	10	0	0	14	127	4	0	0	46	0	1	0	0	14	76	9	0	311	
Total	0	15	3	33	0	0	24	379	11	0	0	161	12	5	0	0	49	181	21	0	894	
07:00	0	10	20	32	0	0	22	137	11	0	0	10	0	1	0	0	16	89	10	0	358	
07:15	0	9	11	32	0	0	8	150	9	0	0	39	3	2	0	0	12	75	11	0	361	
07:30	0	9	15	35	0	1	14	158	10	0	0	62	37	0	0	0	9	97	21	0	468	
07:45	0	15	27	63	0	0	27	146	5	0	0	54	29	4	0	0	22	97	10	0	499	
Total	0	43	73	162	0	1	71	591	35	0	0	165	69	7	0	0	59	358	52	0	1686	
08:00	0	11	24	54	0	0	12	111	4	0	0	57	15	2	0	0	17	58	13	0	378	
08:15	0	4	18	26	0	0	17	113	3	0	0	29	10	3	0	0	18	75	12	0	328	
08:30	0	0	2	7	0	0	22	108	2	0	0	0	0	0	0	0	16	47	16	0	220	
08:45	0	2	4	14	0	0	18	76	3	0	0	13	0	2	0	0	15	82	29	0	258	
Total	0	17	48	101	0	0	69	408	12	0	0	99	25	7	0	0	66	262	70	0	1184	
09:00	0	4	1	14	0	0	19	69	2	0	0	28	5	4	0	0	16	83	44	0	289	
09:15	0	3	6	16	0	0	22	102	2	0	0	60	2	2	0	0	14	45	20	0	294	
*****BREAK*****																						
Total	0	7	7	30	0	0	41	171	4	0	0	88	7	6	0	0	30	128	64	0	583	
*****BREAK*****																						
10:30	0	1	4	11	0	0	4	69	2	0	0	22	2	3	0	0	4	58	11	0	191	
10:45	0	2	4	3	0	0	13	43	3	0	0	11	2	4	0	0	10	51	21	0	167	
Total	0	3	8	14	0	0	17	112	5	0	0	33	4	7	0	0	14	109	32	0	358	
11:00	0	1	2	8	0	0	10	51	2	0	0	6	2	1	0	0	16	59	12	0	170	
11:15	0	4	2	7	0	1	18	67	1	0	0	31	2	2	0	0	10	70	16	0	231	
11:30	0	0	3	12	0	0	13	60	1	0	0	4	2	4	0	0	7	64	16	0	186	
11:45	0	0	5	6	0	0	21	56	2	0	0	12	5	5	0	0	11	63	19	0	205	
Total	0	5	12	33	0	1	62	234	6	0	0	53	11	12	0	0	44	256	63	0	792	
12:00	0	2	0	4	0	0	13	38	3	0	0	28	1	7	0	0	11	51	13	0	171	
12:15	0	0	5	12	0	0	14	47	4	0	0	28	3	5	0	0	11	50	18	0	197	
12:30	0	2	4	10	0	0	16	44	1	0	0	26	5	5	0	0	18	67	21	0	219	
12:45	0	2	6	8	0	0	17	55	1	0	0	31	7	7	0	0	12	82	20	0	248	
Total	0	6	15	34	0	0	60	184	9	0	0	113	16	24	0	0	52	250	72	0	835	
13:00	0	1	4	7	0	0	5	51	4	0	0	32	1	6	0	0	13	55	23	0	202	
13:15	0	3	4	5	0	0	9	45	2	0	0	23	8	7	0	0	9	58	23	0	196	
*****BREAK*****																						
Total	0	4	8	12	0	0	14	96	6	0	0	55	9	13	0	0	22	113	46	0	398	
*****BREAK*****																						
14:30	0	5	4	6	0	0	25	73	7	0	0	24	8	4	0	0	22	85	14	0	277	
14:45	0	3	14	18	0	0	16	72	9	0	0	27	11	9	0	0	30	98	28	0	335	
Total	0	8	18	24	0	0	41	145	16	0	0	51	19	13	0	0	52	183	42	0	612	
15:00	0	9	35	30	0	0	11	56	2	0	0	24	10	6	0	0	17	93	30	0	323	
15:15	0	4	12	13	2	0	25	70	3	0	0	35	4	7	0	0	19	109	44	0	347	
15:30	0	5	13	13	0	0	24	86	3	0	0	23	5	4	0	0	13	111	44	0	344	
15:45	0	5	11	17	0	0	25	101	5	0	0	41	12	12	0	0	7	97	25	0	358	
Total	0	23	71	73	2	0	85	313	13	0	0	123	31	29	0	0	56	410	143	0	1372	
16:00	0	4	9	9	0	0	33	91	8	0	0	38	5	7	0	0	28	125	41	0	398	
16:15	0	2	18	15	0	0	28	103	5	0	0	30	20	11	0	0	33	130	43	0	438	
16:30	0	5	24	26	0	0	27	129	3	0	0	34	15	11	0	0	38	138	56	1	507	
16:45	0	6	15	12	0	0	31	106	6	0	0	48	12	12	0	0	41	171	58	0	518	
Total	0	17	66	62	0	0	119	429	22	0	0	150	52	41	0	0	140	564	198	1	1861	

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 TURN MOVEMENT COUNT

File Name : 304 - Diffley Road & Johnny Cake Road  
 Site Code : 304  
 Start Date : 2/6/2014  
 Page No : 2

Groups Printed- Cars

Start Time	Johnny Cake Road Southbound					Diffley Road Westbound					Johnny Cake Road Northbound					Diffley Road Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
17:00	0	4	25	13	0	0	35	131	5	0	0	59	4	9	0	0	31	132	54	0	502
17:15	0	3	9	16	0	0	31	110	4	0	0	39	9	12	0	0	42	155	57	0	487
17:30	0	10	16	26	0	0	37	86	3	0	0	42	5	14	0	0	37	150	64	0	490
17:45	0	9	30	33	0	0	20	103	3	0	0	46	17	8	0	0	41	158	51	0	519
Total	0	26	80	88	0	0	123	430	15	0	0	186	35	43	0	0	151	595	226	0	1998
Grand Total	0	174	409	666	2	2	726	3492	154	0	0	1277	290	207	0	0	735	3409	1029	1	12573
Apprch %	0	13.9	32.7	53.2	0.2	0	16.6	79.8	3.5	0	0	72	16.3	11.7	0	0	14.2	65.9	19.9	0	
Total %	0	1.4	3.3	5.3	0	0	5.8	27.8	1.2	0	0	10.2	2.3	1.6	0	0	5.8	27.1	8.2	0	

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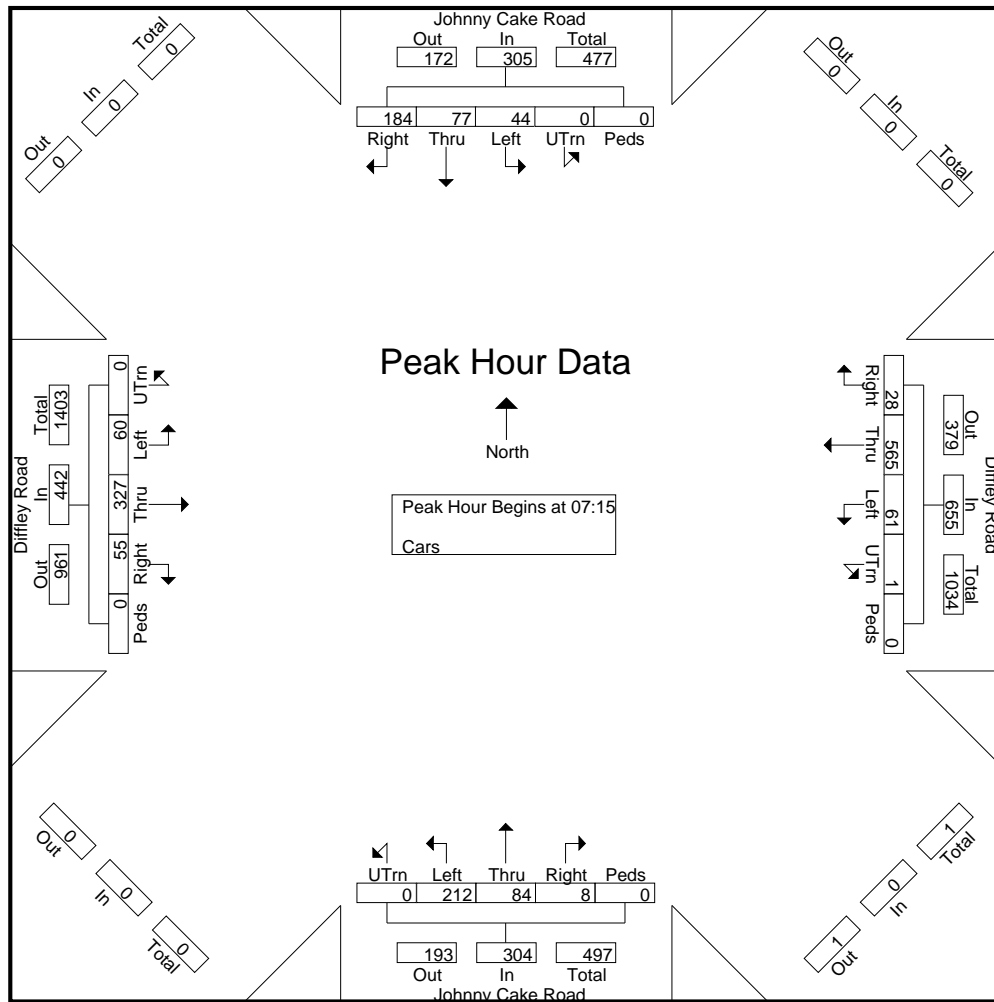
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 TURN MOVEMENT COUNT

File Name : 304 - Diffley Road & Johnny Cake Road  
 Site Code : 304  
 Start Date : 2/6/2014  
 Page No : 3

Start Time	Johnny Cake Road Southbound						Diffley Road Westbound						Johnny Cake Road Northbound						Diffley Road Eastbound						Int. Total
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	
07:15	0	9	11	32	0	52	0	8	15	9	0	167	0	39	3	2	0	44	0	12	75	11	0	98	361
07:30	0	9	15	35	0	59	1	14	158	10	0	183	0	62	37	0	0	99	0	9	97	21	0	127	468
07:45	0	15	27	63	0	105	0	27	146	5	0	178	0	54	29	4	0	87	0	22	97	10	0	129	499
08:00	0	11	24	54	0	89	0	12	111	4	0	127	0	57	15	2	0	74	0	17	58	13	0	88	378
Total Volume	0	44	77	184	0	305	1	61	565	28	0	655	0	212	84	8	0	304	0	60	327	55	0	442	1706
% App. Total	0	14.4	25.2	60.3	0		0.2	9.3	86.3	4.3	0		0	69.7	27.6	2.6	0		0	13.6	74	12.4	0		
PHF	.000	.733	.713	.730	.000	.726	.250	.565	.894	.700	.000	.895	.000	.855	.568	.500	.000	.768	.000	.682	.843	.655	.000	.857	.855

Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1  
 Peak Hour for Entire Intersection Begins at 07:15



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File Name : 304 - Diffley Road & Johnny Cake Road  
 Site Code : 304  
 Start Date : 2/6/2014  
 Page No : 4

Start Time	Johnny Cake Road Southbound						Diffley Road Westbound						Johnny Cake Road Northbound						Diffley Road Eastbound						Int. Total	
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total		
16:30	0	5	24	26	0	55	0	27	12	3	0	159	0	34	15	11	0	60	0	38	13	8	56	1	233	507
16:45	0	6	15	12	0	33	0	31	106	6	0	143	0	48	12	12	0	72	0	41	171	58	0	270	518	
17:00	0	4	25	13	0	42	0	35	131	5	0	171	0	59	4	9	0	72	0	31	132	54	0	217	502	
17:15	0	3	9	16	0	28	0	31	110	4	0	145	0	39	9	12	0	60	0	42	155	57	0	254	487	
Total Volume	0	18	73	67	0	158	0	124	476	18	0	618	0	180	40	44	0	264	0	152	596	225	1	974	2014	
% App. Total	0	11.4	46.2	42.4	0		0	20.1	77	2.9	0		0	68.2	15.2	16.7	0		0	15.6	61.2	23.1	0.1			
PHF	.000	.750	.730	.644	.000	.718	.000	.886	.908	.750	.000	.904	.000	.763	.667	.917	.000	.917	.000	.905	.871	.970	.250	.902	.972	

Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1  
 Peak Hour for Entire Intersection Begins at 16:30

