

Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

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

File Name : 301 - Diffley Road and Blackhawk Road
 Site Code : 301
 Start Date : 2/6/2014
 Page No : 1

Groups Printed- Cars

Start Time	Blackhawk Road Southbound					Diffley Road Westbound					Blackhawk 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	16	7	10	0	0	1	60	11	0	0	1	7	7	0	0	1	44	1	0	166
06:15	0	24	7	9	0	0	8	86	7	0	0	5	13	14	0	0	2	61	4	0	240
06:30	0	23	10	9	0	0	4	84	10	0	0	15	17	16	0	0	0	70	3	1	262
06:45	0	26	12	11	1	0	9	114	24	0	0	12	25	19	0	0	3	91	5	0	352
Total	0	89	36	39	1	0	22	344	52	0	0	33	62	56	0	0	6	266	13	1	1020
07:00	0	33	9	16	0	0	7	148	18	0	0	23	44	18	0	0	9	96	9	0	430
07:15	0	28	16	12	0	0	4	155	31	0	0	34	39	24	0	0	6	110	9	0	468
07:30	0	40	11	8	0	0	15	180	35	0	0	32	51	30	0	0	13	127	4	0	546
07:45	0	25	12	4	0	0	20	161	47	1	0	31	49	16	1	0	11	97	4	0	479
Total	0	126	48	40	0	0	46	644	131	1	0	120	183	88	1	0	39	430	26	0	1923
08:00	0	31	13	20	0	0	18	147	41	0	0	16	28	19	0	0	11	82	5	0	431
08:15	0	22	16	17	0	0	11	125	20	0	0	10	28	14	0	0	10	90	2	0	365
08:30	0	20	9	10	0	1	10	119	10	0	0	13	12	17	0	0	9	77	5	0	312
08:45	0	29	17	11	0	0	9	91	19	0	0	8	12	11	0	0	4	77	5	0	293
Total	0	102	55	58	0	1	48	482	90	0	0	47	80	61	0	0	34	326	17	0	1401
09:00	0	31	9	5	0	0	9	85	15	0	0	7	17	17	0	0	7	89	3	0	294
09:15	0	18	10	6	0	0	13	113	17	0	0	8	10	10	0	0	8	69	2	0	284
*****BREAK*****																					
Total	0	49	19	11	0	0	22	198	32	0	0	15	27	27	0	0	15	158	5	0	578
*****BREAK*****																					
10:30	0	16	13	7	0	3	13	48	9	0	0	13	10	21	0	0	3	45	4	0	205
10:45	0	20	18	6	1	1	8	58	12	0	0	3	10	7	0	0	5	50	5	0	204
Total	0	36	31	13	1	4	21	106	21	0	0	16	20	28	0	0	8	95	9	0	409
11:00	0	12	16	5	1	0	13	59	10	0	0	4	16	17	0	0	6	54	1	0	214
11:15	0	16	16	7	0	0	13	59	7	0	0	8	8	16	0	0	6	64	4	0	224
11:30	0	16	26	4	0	0	20	40	14	0	0	2	17	12	0	0	8	63	6	0	228
11:45	0	13	17	11	0	0	11	62	12	0	0	2	21	20	0	0	8	69	3	0	249
Total	0	57	75	27	1	0	57	220	43	0	0	16	62	65	0	0	28	250	14	0	915
12:00	0	18	16	7	0	1	17	51	9	0	0	6	20	13	0	1	6	45	5	0	215
12:15	0	15	21	7	1	0	12	57	15	0	0	5	28	16	0	0	5	65	3	0	250
12:30	0	18	16	7	0	0	15	56	13	0	0	7	17	15	0	0	6	56	5	0	231
12:45	0	16	23	10	0	2	20	57	10	0	0	6	16	16	0	0	9	70	7	0	262
Total	0	67	76	31	1	3	64	221	47	0	0	24	81	60	0	1	26	236	20	0	958
13:00	0	14	11	7	0	0	10	48	7	0	0	5	16	18	0	0	7	49	6	0	198
13:15	0	17	16	10	0	1	18	57	8	0	0	7	16	16	0	0	2	51	8	0	227
*****BREAK*****																					
Total	0	31	27	17	0	1	28	105	15	0	0	12	32	34	0	0	9	100	14	0	425
*****BREAK*****																					
14:30	0	16	17	5	0	1	23	57	13	0	0	5	13	23	0	0	17	96	7	0	293
14:45	0	10	16	21	0	1	25	72	19	0	0	5	20	29	0	0	17	102	14	0	351
Total	0	26	33	26	0	2	48	129	32	0	0	10	33	52	0	0	34	198	21	0	644
15:00	0	25	26	10	0	2	35	88	17	1	0	5	18	12	0	0	20	91	8	0	358
15:15	0	28	30	9	0	0	27	85	18	0	0	4	21	29	0	0	16	108	5	0	380
15:30	0	30	39	16	0	0	21	92	22	0	0	4	24	27	0	0	8	99	6	0	388
15:45	0	20	38	8	0	0	42	118	30	0	0	7	23	24	0	0	14	130	15	0	469
Total	0	103	133	43	0	2	125	383	87	1	0	20	86	92	0	0	58	428	34	0	1595
16:00	0	30	32	15	0	1	41	85	21	0	0	11	29	25	0	0	17	116	18	0	441
16:15	0	32	40	10	1	1	41	110	27	0	0	3	30	25	0	0	12	146	13	0	491
16:30	0	36	47	13	1	1	39	140	17	0	0	9	31	30	0	0	12	126	9	1	512
16:45	0	38	60	13	0	2	39	139	33	0	0	14	23	29	0	0	15	173	20	0	598
Total	0	136	179	51	2	5	160	474	98	0	0	37	113	109	0	0	56	561	60	1	2042

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File Name : 301 - Diffley Road and Blackhawk Road
 Site Code : 301
 Start Date : 2/6/2014
 Page No : 2

Groups Printed- Cars

Start Time	Blackhawk Road Southbound					Diffley Road Westbound					Blackhawk 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	36	48	19	0	4	34	119	31	1	0	5	33	30	0	0	13	143	17	0	533
17:15	0	38	47	24	1	1	47	142	33	0	0	18	34	30	0	0	14	149	12	0	590
17:30	0	35	31	28	0	0	44	108	27	0	0	5	32	31	0	0	14	150	19	0	524
17:45	0	21	31	18	0	0	42	125	36	0	0	12	27	35	0	0	12	143	13	0	515
Total	0	130	157	89	1	5	167	494	127	1	0	40	126	126	0	0	53	585	61	0	2162
Grand Total	0	952	869	445	7	23	808	3800	775	3	0	390	905	798	1	1	366	3633	294	2	14072
Apprch %	0	41.9	38.2	19.6	0.3	0.4	14.9	70.3	14.3	0.1	0	18.6	43.2	38.1	0	0	8.5	84.6	6.8	0	
Total %	0	6.8	6.2	3.2	0	0.2	5.7	27	5.5	0	0	2.8	6.4	5.7	0	0	2.6	25.8	2.1	0	

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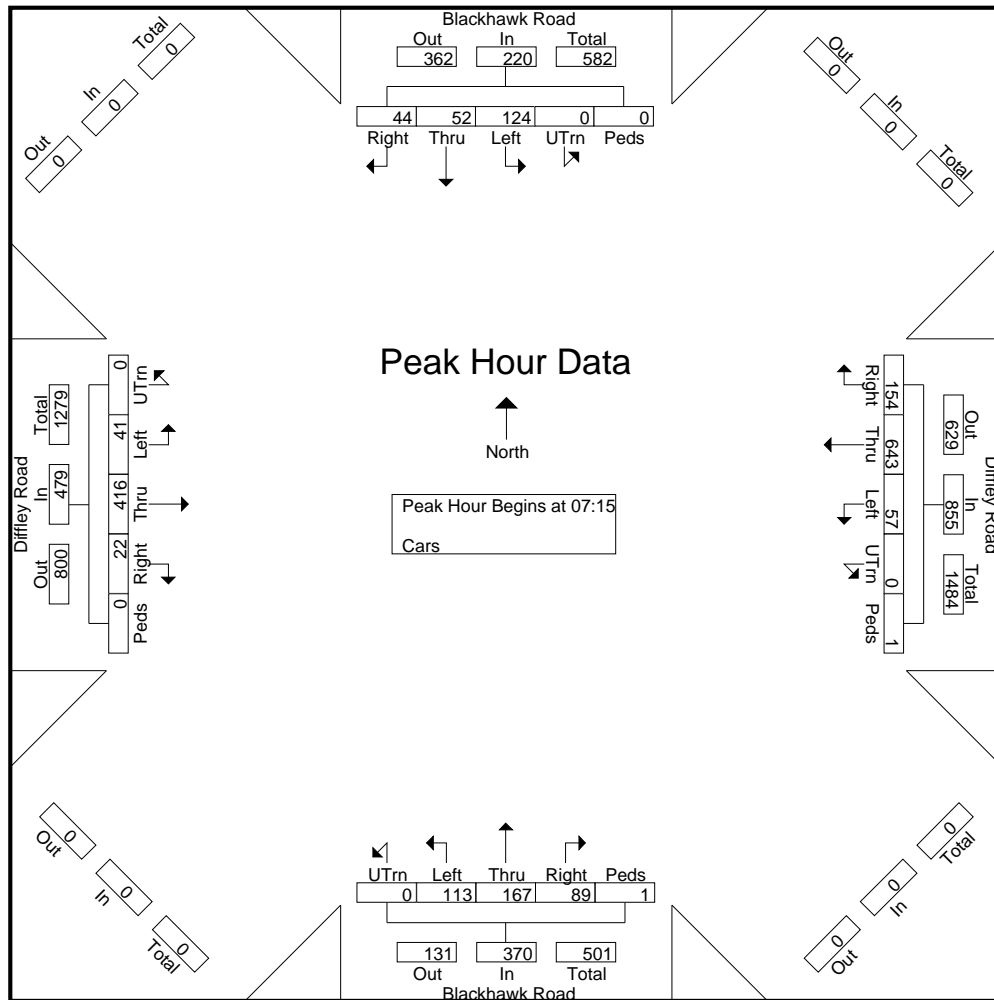
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File Name : 301 - Diffley Road and Blackhawk Road
 Site Code : 301
 Start Date : 2/6/2014
 Page No : 3

Start Time	Blackhawk Road Southbound					Diffley Road Westbound					Blackhawk 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
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 07:15																									
07:15	0	28	16	12	0	56	0	4	15	31	0	190	0	34	39	24	0	97	0	6	11	9	0	125	468
07:30	0	40	11	8	0	59	0	15	180	35	0	230	0	32	51	30	0	113	0	13	127	4	0	144	546
07:45	0	25	12	4	0	41	0	20	161	47	1	229	0	31	49	16	1	97	0	11	97	4	0	112	479
08:00	0	31	13	20	0	64	0	18	147	41	0	206	0	16	28	19	0	63	0	11	82	5	0	98	431
Total Volume	0	124	52	44	0	220	0	57	643	154	1	855	0	113	167	89	1	370	0	41	416	22	0	479	1924
% App. Total	0	56.4	23.6	20	0		0	6.7	75.2	18	0.1		0	30.5	45.1	24.1	0.3		0	8.6	86.8	4.6	0		
PHF	.000	.775	.813	.550	.000	.859	.000	.713	.893	.819	.250	.929	.000	.831	.819	.742	.250	.819	.000	.788	.819	.611	.000	.832	.881



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 Start Date : 2/6/2014
 Page No : 4

Start Time	Blackhawk Road Southbound						Diffley Road Westbound						Blackhawk 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	
16:45	0	38	60	13	0	111	2	39	139	33	0	213	0	14	23	29	0	66	0	15	173	20	0	208	598
17:00	0	36	48	19	0	103	4	34	119	31	1	189	0	5	33	30	0	68	0	13	143	17	0	173	533
17:15	0	38	47	24	1	110	1	47	142	33	0	223	0	18	34	30	0	82	0	14	149	12	0	175	590
17:30	0	35	31	28	0	94	0	44	108	27	0	179	0	5	32	31	0	68	0	14	150	19	0	183	524
Total Volume	0	147	186	84	1	418	7	164	508	124	1	804	0	42	122	120	0	284	0	56	615	68	0	739	2245
% App. Total	0	35.2	44.5	20.1	0.2		0.9	20.4	63.2	15.4	0.1		0	14.8	43	42.3	0		0	7.6	83.2	9.2	0		
PHF	.000	.967	.775	.750	.250	.941	.438	.872	.894	.939	.250	.901	.000	.583	.897	.968	.000	.866	.000	.933	.889	.850	.000	.888	.939

