

Alliant Engineering Inc Minneapolis, MN 55415

TH-149 at Yankee Doodle Rd / Co.Rd.28
 Ref.Pt.: 001.986
 Alliant Engineering Inc
 TURN MOVEMENT COUNT

File Name : 17_TH 149 at Yankee Doodle Rd_022410
 Site Code : 00000017
 Start Date : 2/24/2010
 Page No : 1

Groups Printed- Unshifted - Bank 1

Start Time	Dodd Rd/Jefferson Trail W (TH 149) Southbound				Yankee Doodle Rd / Co.Rd.28 Westbound				Dodd Rd/Jefferson Trail W (TH 149) Northbound				Yankee Doodle Rd / Co.Rd.28 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	0	53	15	0	15	17	2	0	12	68	2	0	9	8	13	0	214
06:15	1	65	11	0	22	15	1	0	15	88	3	0	12	8	23	0	264
06:30	0	86	13	0	30	46	0	0	28	113	4	0	12	19	47	0	398
06:45	2	126	16	0	25	41	0	0	36	164	11	0	19	21	64	0	525
Total	3	330	55	0	92	119	3	0	91	433	20	0	52	56	147	0	1401
07:00	2	129	13	0	29	42	1	0	27	183	10	0	27	28	76	0	567
07:15	1	140	8	0	26	67	3	0	28	207	7	0	41	22	89	0	639
07:30	1	170	25	0	33	84	4	0	46	208	6	0	23	52	90	0	742
07:45	7	182	14	0	21	99	4	0	60	172	6	0	44	42	116	0	767
Total	11	621	60	0	109	292	12	0	161	770	29	0	135	144	371	0	2715
08:00	1	156	13	0	22	38	7	0	40	176	11	0	28	33	111	0	636
08:15	2	180	10	0	23	49	2	0	33	144	4	0	22	31	90	0	590
08:30	0	137	21	0	16	41	3	0	76	130	14	0	15	30	104	0	587
08:45	2	139	18	0	17	45	1	0	43	81	8	0	16	27	104	0	501
Total	5	612	62	0	78	173	13	0	192	531	37	0	81	121	409	0	2314
09:00	2	92	21	0	10	35	2	0	32	85	3	0	18	23	68	0	391
09:15	1	65	22	0	7	26	1	0	23	68	4	0	14	22	62	0	315
*** BREAK ***																	
Total	3	157	43	0	17	61	3	0	55	153	7	0	32	45	130	0	706
*** BREAK ***																	
10:30	3	29	14	0	2	25	2	0	23	42	3	0	13	24	26	0	206
10:45	3	33	14	0	5	25	2	0	24	42	3	1	16	27	13	0	208
Total	6	62	28	0	7	50	4	0	47	84	6	1	29	51	39	0	414
11:00	1	50	26	0	2	19	4	0	28	50	1	0	17	24	29	0	251
11:15	4	41	26	0	1	26	4	0	36	56	1	0	13	25	28	0	261
11:30	3	55	26	0	0	23	1	0	54	60	8	0	9	29	31	0	299
11:45	5	59	34	0	3	17	1	0	31	48	2	0	23	23	31	0	277
Total	13	205	112	0	6	85	10	0	149	214	12	0	62	101	119	0	1088
12:00	1	36	37	0	1	31	0	0	35	53	2	0	13	29	32	0	270
12:15	3	62	28	0	1	21	0	0	43	64	5	0	16	22	28	0	293
12:30	9	41	29	0	7	29	3	0	35	54	2	0	22	25	33	0	289
12:45	1	63	25	0	6	30	10	0	23	55	2	0	25	33	30	0	303
Total	14	202	119	0	15	111	13	0	136	226	11	0	76	109	123	0	1155
13:00	3	33	31	0	4	32	3	0	28	63	4	0	25	30	44	0	300
13:15	2	57	20	0	4	35	5	0	23	49	6	0	21	33	40	0	295
*** BREAK ***																	
Total	5	90	51	0	8	67	8	0	51	112	10	0	46	63	84	0	595
*** BREAK ***																	
14:30	1	78	24	0	5	32	2	0	34	95	20	0	18	38	50	0	397
14:45	1	50	20	0	4	26	2	0	36	68	13	0	17	44	28	0	309
Total	2	128	44	0	9	58	4	0	70	163	33	0	35	82	78	0	706
15:00	2	55	25	0	3	34	3	0	39	89	23	0	26	33	23	0	355
15:15	0	80	26	0	5	37	2	0	37	75	13	0	16	45	28	0	364
15:30	4	110	32	0	6	46	3	0	60	121	30	0	23	66	41	0	542
15:45	4	104	32	0	4	46	1	0	47	91	18	0	22	57	41	0	467
Total	10	349	115	0	18	163	9	0	183	376	84	0	87	201	133	0	1728

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 Start Date : 2/24/2010
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Groups Printed- Unshifted - Bank 1

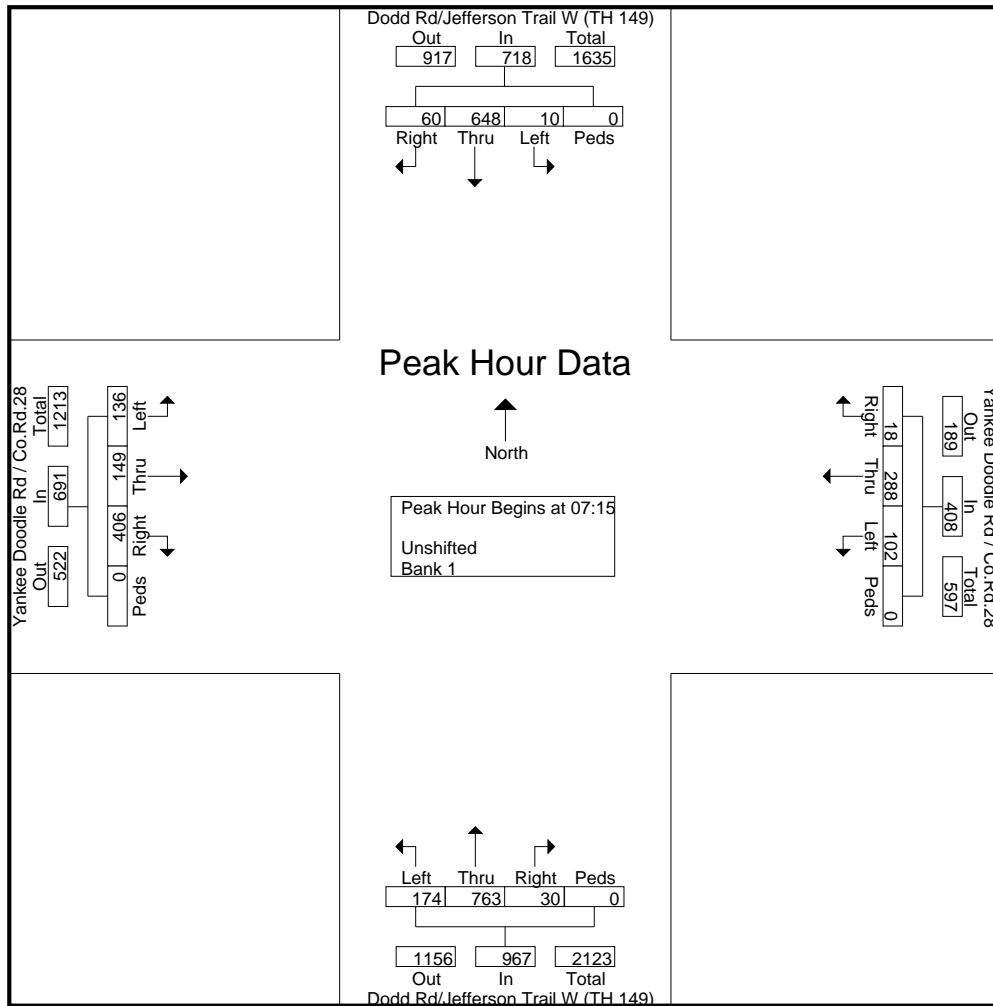
Start Time	Dodd Rd/Jefferson Trail W (TH 149) Southbound				Yankee Doodle Rd / Co.Rd.28 Westbound				Dodd Rd/Jefferson Trail W (TH 149) Northbound				Yankee Doodle Rd / Co.Rd.28 Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	4	110	40	0	2	35	6	0	73	141	49	0	22	78	34	0	594
16:15	4	125	31	0	6	34	3	0	105	134	17	0	25	70	31	0	585
16:30	9	154	48	0	1	43	2	0	107	183	21	0	29	65	29	0	691
16:45	6	136	33	0	5	41	2	0	109	157	20	0	20	70	48	0	647
Total	23	525	152	0	14	153	13	0	394	615	107	0	96	283	142	0	2517
17:00	7	153	55	0	14	41	4	0	96	183	28	0	24	77	59	0	741
17:15	4	155	35	0	10	46	1	0	115	181	25	0	26	65	55	0	718
17:30	6	161	41	0	13	40	3	0	124	158	27	0	17	66	67	0	723
17:45	3	153	37	0	12	32	3	0	77	126	12	0	16	45	60	0	576
Total	20	622	168	0	49	159	11	0	412	648	92	0	83	253	241	0	2758
Grand Total	115	3903	1009	0	422	1491	103	0	1941	4325	448	1	814	1509	2016	0	18097
Apprch %	2.3	77.6	20.1	0	20.9	74	5.1	0	28.9	64.4	6.7	0	18.8	34.8	46.5	0	
Total %	0.6	21.6	5.6	0	2.3	8.2	0.6	0	10.7	23.9	2.5	0	4.5	8.3	11.1	0	
Unshifted	101	3803	966	0	390	1449	92	0	1822	4195	428	1	780	1480	1921	0	17428
% Unshifted	87.8	97.4	95.7	0	92.4	97.2	89.3	0	93.9	97	95.5	100	95.8	98.1	95.3	0	96.3
Bank 1	14	100	43	0	32	42	11	0	119	130	20	0	34	29	95	0	669
% Bank 1	12.2	2.6	4.3	0	7.6	2.8	10.7	0	6.1	3	4.5	0	4.2	1.9	4.7	0	3.7

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Start Time	Dodd Rd/Jefferson Trail W (TH 149) Southbound					Yankee Doodle Rd / Co.Rd.28 Westbound					Dodd Rd/Jefferson Trail W (TH 149) Northbound					Yankee Doodle Rd / Co.Rd.28 Eastbound					Int. Total
	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	1	140	8	0	149	26	67	3	0	96	28	207	7	0	242	41	22	89	0	152	639
07:30	1	170	25	0	196	33	84	4	0	121	46	208	6	0	260	23	52	90	0	165	742
07:45	7	182	14	0	203	21	99	4	0	124	60	172	6	0	238	44	42	116	0	202	767
08:00	1	156	13	0	170	22	38	7	0	67	40	176	11	0	227	28	33	111	0	172	636
Total Volume	10	648	60	0	718	102	288	18	0	408	174	763	30	0	967	136	149	406	0	691	2784
% App. Total	1.4	90.3	8.4	0		25	70.6	4.4	0		18	78.9	3.1	0		19.7	21.6	58.8	0		
PHF	.357	.890	.600	.000	.884	.773	.727	.643	.000	.823	.725	.917	.682	.000	.930	.773	.716	.875	.000	.855	.907



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Start Time	Dodd Rd/Jefferson Trail W (TH 149) Southbound					Yankee Doodle Rd / Co.Rd.28 Westbound					Dodd Rd/Jefferson Trail W (TH 149) Northbound					Yankee Doodle Rd / Co.Rd.28 Eastbound					Int. Total
	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	6	136	33	0	175	5	41	2	0	48	109	157	20	0	286	20	70	48	0	138	647
17:00	7	153	55	0	215	14	41	4	0	59	96	183	28	0	307	24	77	59	0	160	741
17:15	4	155	35	0	194	10	46	1	0	57	115	181	25	0	321	26	65	55	0	146	718
17:30	6	161	41	0	208	13	40	3	0	56	124	158	27	0	309	17	66	67	0	150	723
Total Volume	23	605	164	0	792	42	168	10	0	220	444	679	100	0	1223	87	278	229	0	594	2829
% App. Total	2.9	76.4	20.7	0		19.1	76.4	4.5	0		36.3	55.5	8.2	0		14.6	46.8	38.6	0		
PHF	.821	.939	.745	.000	.921	.750	.913	.625	.000	.932	.895	.928	.893	.000	.952	.837	.903	.854	.000	.928	.954

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

