

# Alliant Engineering

Minneapolis, MN 55415

--TRAFFIC DATA --

80th St at Hadley Ave COTTAGE GROVE

File Name : 121 - 80th Street & Hadley Avenue

Ref.Pt.:

Site Code : 121

data by : Alliant Engineering

Start Date : 2/5/2014

TURN MOVEMENT COUNT

Page No : 1

Groups Printed- Cars

Start Time	Hadley Avenue Southbound					80th Street Westbound					Hadley Avenue Northbound					80th Street 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	42	3	4	0	0	13	1	19	0	0	0	10	59	0	0	4	20	0	0	175
06:15	0	46	6	1	0	0	19	5	42	0	0	0	11	76	0	0	5	23	0	0	234
06:30	0	65	4	1	0	0	32	7	40	0	0	0	10	73	0	0	5	35	1	0	273
06:45	0	41	7	0	0	0	31	7	39	0	0	3	9	77	0	0	2	35	0	0	251
Total	0	194	20	6	0	0	95	20	140	0	0	3	40	285	0	0	16	113	1	0	933
07:00	0	59	5	0	0	0	14	15	51	0	0	1	11	87	0	0	1	48	1	0	293
07:15	0	59	11	1	0	0	31	15	60	0	0	1	17	84	0	0	7	28	0	0	314
07:30	0	72	12	0	0	0	22	10	67	0	0	1	18	63	1	0	6	40	0	0	312
07:45	0	82	14	2	0	0	25	15	72	0	0	0	21	85	0	0	1	36	1	0	354
Total	0	272	42	3	0	0	92	55	250	0	0	3	67	319	1	0	15	152	2	0	1273
08:00	0	77	14	2	0	0	21	18	62	0	0	0	19	76	0	0	3	32	0	0	324
08:15	0	73	7	1	0	0	25	11	37	0	0	0	14	82	0	0	2	31	0	0	283
08:30	0	48	5	1	0	0	37	12	44	0	0	0	6	43	0	0	1	14	0	0	211
08:45	0	49	6	0	0	0	21	9	34	0	0	0	5	34	0	0	1	27	1	0	187
Total	0	247	32	4	0	0	104	50	177	0	0	0	44	235	0	0	7	104	1	0	1005
09:00	0	36	2	0	0	0	18	12	40	0	0	0	9	35	1	0	2	27	1	1	184
09:15	0	34	4	0	0	0	22	16	51	0	0	0	7	34	0	0	0	25	1	0	194
*****BREAK*****																					
Total	0	70	6	0	0	0	40	28	91	0	0	0	16	69	1	0	2	52	2	1	378
*****BREAK*****																					
10:30	0	39	10	0	0	0	18	8	44	1	0	1	4	34	0	0	1	29	4	0	193
10:45	0	43	4	5	0	0	18	16	43	0	0	2	6	35	0	0	2	20	1	0	195
Total	0	82	14	5	0	0	36	24	87	1	0	3	10	69	0	0	3	49	5	0	388
11:00	0	50	7	1	0	0	23	17	35	0	0	1	3	26	0	0	1	25	0	0	189
11:15	0	54	5	0	0	0	30	16	48	0	0	1	10	32	0	0	2	11	0	0	209
11:30	0	60	4	0	0	0	23	16	49	0	0	0	8	33	0	0	2	16	1	0	212
11:45	0	56	5	0	0	0	26	15	36	0	0	1	8	30	0	0	4	22	0	0	203
Total	0	220	21	1	0	0	102	64	168	0	0	3	29	121	0	0	9	74	1	0	813
12:00	0	45	6	2	0	0	29	27	44	0	0	0	7	35	0	0	2	21	1	0	219
12:15	0	55	10	2	0	0	27	28	54	0	0	1	11	38	0	0	4	18	2	0	250
12:30	0	39	3	1	0	0	26	16	45	0	0	1	4	40	0	0	2	23	0	0	200
12:45	0	42	11	1	0	0	32	18	57	0	0	3	7	20	0	0	1	29	3	0	224
Total	0	181	30	6	0	0	114	89	200	0	0	5	29	133	0	0	9	91	6	0	893
13:00	0	49	3	1	0	0	25	20	47	0	0	1	6	39	0	0	0	20	0	0	211
13:15	0	45	9	1	0	0	27	24	41	0	0	1	3	25	0	0	3	24	1	0	204
*****BREAK*****																					
Total	0	94	12	2	0	0	52	44	88	0	0	2	9	64	0	0	3	44	1	0	415
*****BREAK*****																					
14:30	0	61	13	2	0	0	51	26	67	0	0	0	5	37	0	0	1	19	2	0	284
14:45	0	70	12	2	0	0	58	28	61	0	0	3	15	61	0	0	1	23	5	0	339
Total	0	131	25	4	0	0	109	54	128	0	0	3	20	98	0	0	2	42	7	0	623
15:00	0	69	17	0	0	0	50	33	68	0	0	0	7	48	0	0	2	24	2	0	320
15:15	0	66	13	1	0	0	73	55	100	0	0	1	13	37	0	0	3	22	2	0	386
15:30	0	63	14	3	0	0	65	44	97	0	0	0	11	64	0	0	1	40	4	0	406
15:45	0	81	13	2	0	0	62	45	107	0	0	0	16	80	0	0	4	30	1	0	441
Total	0	279	57	6	0	0	250	177	372	0	0	1	47	229	0	0	10	116	9	0	1553
16:00	0	97	18	0	0	0	62	37	98	0	0	2	12	46	0	0	2	23	2	0	399
16:15	0	64	10	3	0	0	85	66	96	0	0	1	4	41	0	0	7	27	3	0	407
16:30	0	86	19	3	0	0	89	52	99	1	0	3	11	56	0	0	2	35	4	0	460
16:45	0	82	15	1	0	0	87	47	99	1	0	4	8	35	0	0	4	37	2	0	422
Total	0	329	62	7	0	0	323	202	392	2	0	10	35	178	0	0	15	122	11	0	1688

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File Name : 121 - 80th Street & Hadley Avenue

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Site Code : 121

data by : Alliant Engineering

Start Date : 2/5/2014

TURN MOVEMENT COUNT

Page No : 2

Groups Printed- Cars

Start Time	Hadley Avenue Southbound					80th Street Westbound					Hadley Avenue Northbound					80th Street 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	86	11	2	0	0	71	60	103	0	0	2	17	38	0	0	2	43	3	0	438
17:15	0	73	13	0	0	0	85	72	137	0	0	1	11	48	0	0	2	33	4	0	479
17:30	0	84	18	1	0	0	85	50	96	0	0	1	9	36	0	0	2	41	6	0	429
17:45	0	81	19	1	0	0	67	43	124	0	0	2	9	41	0	0	3	24	4	0	418
Total	0	324	61	4	0	0	308	225	460	0	0	6	46	163	0	0	9	141	17	0	1764
Grand Total	0	2423	382	48	0	0	1625	1032	2553	3	0	39	392	1963	2	0	100	1100	63	1	11726
Apprch %	0	84.9	13.4	1.7	0	0	31.2	19.8	49	0.1	0	1.6	16.4	81.9	0.1	0	7.9	87	5	0.1	
Total %	0	20.7	3.3	0.4	0	0	13.9	8.8	21.8	0	0	0.3	3.3	16.7	0	0	0.9	9.4	0.5	0	

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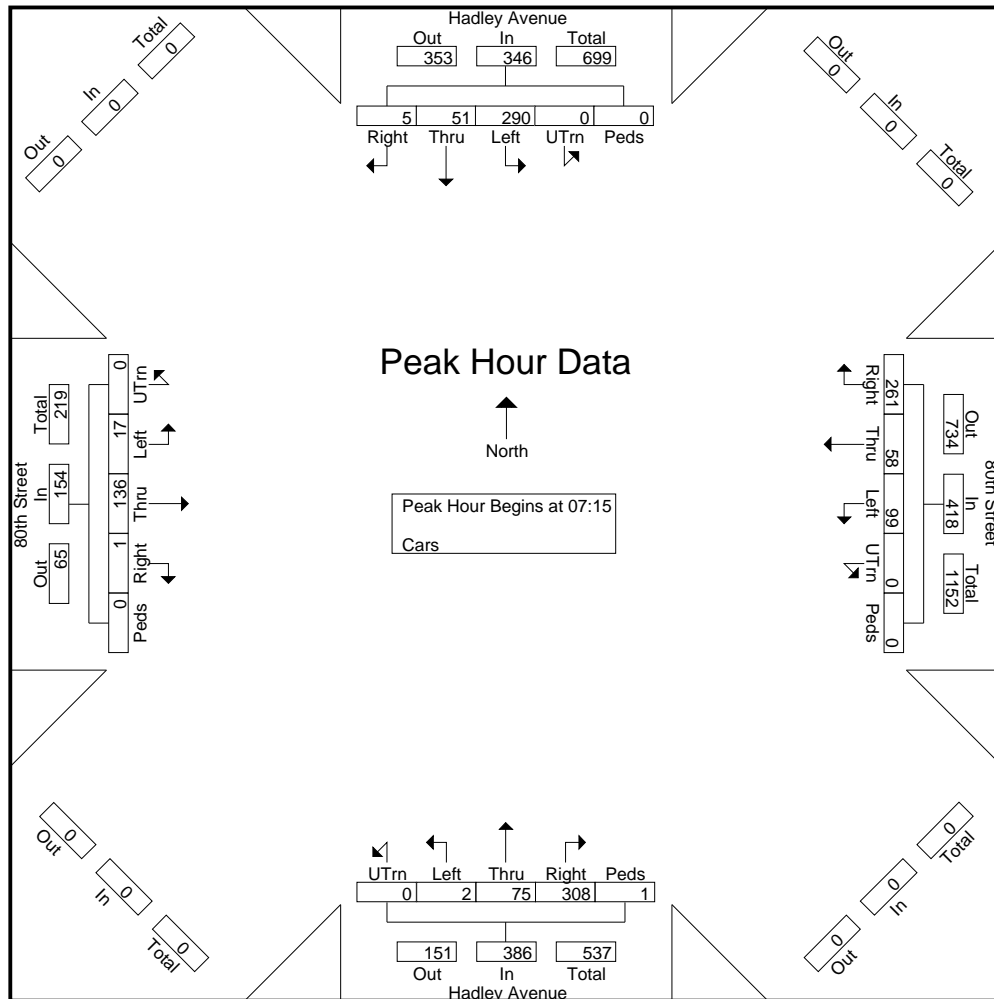
File Name : 121 - 80th Street & Hadley Avenue

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Start Time	Hadley Avenue Southbound						80th Street Westbound						Hadley Avenue Northbound						80th Street 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	59	11	1	0	71	0	31	15	60	0	106	0	1	17	84	0	102	0	7	28	0	0	35	314
07:30	0	72	12	0	0	84	0	22	10	67	0	99	0	1	18	63	1	83	0	6	40	0	0	46	312
07:45	0	82	14	2	0	98	0	25	15	72	0	112	0	0	21	85	0	106	0	1	36	1	0	38	354
08:00	0	77	14	2	0	93	0	21	18	62	0	101	0	0	19	76	0	95	0	3	32	0	0	35	324
Total Volume	0	290	51	5	0	346	0	99	58	261	0	418	0	2	75	308	1	386	0	17	136	1	0	154	1304
% App. Total	0	83.8	14.7	1.4	0		0	23.7	13.9	62.4	0		0	0.5	19.4	79.8	0.3		0	11	88.3	0.6	0		
PHF	.000	.884	.911	.625	.000	.883	.000	.798	.806	.906	.000	.933	.000	.500	.893	.906	.250	.910	.000	.607	.850	.250	.000	.837	.921



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	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	86	19	3	0	108	0	89	52	99	1	241	0	3	11	56	0	70	0	2	35	4	0	41	460
16:45	0	82	15	1	0	98	0	87	47	99	1	234	0	4	8	35	0	47	0	4	37	2	0	43	422
17:00	0	86	11	2	0	99	0	71	60	103	0	234	0	2	17	38	0	57	0	2	43	3	0	48	438
17:15	0	73	13	0	0	86	0	85	72	137	0	294	0	1	11	48	0	60	0	2	33	4	0	39	479
Total Volume	0	327	58	6	0	391	0	332	231	438	2	1003	0	10	47	177	0	234	0	10	148	13	0	171	1799
% App. Total	0	83.6	14.8	1.5	0		0	33.1	23	43.7	0.2		0	4.3	20.1	75.6	0		0	5.8	86.5	7.6	0		
PHF	.000	.951	.763	.500	.000	.905	.000	.933	.802	.799	.500	.853	.000	.625	.691	.790	.000	.836	.000	.625	.860	.813	.000	.891	.939

