

744 Pilot Knob Rd and Mendota Heights Rd File Name : 744_Pilot Knob Road and Mendota Heights Road
 Ref.Pt: 71.938 Site Code : 00000744
 data by: Alliant Inc Start Date : 10/24/2018
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Class 1 - Class 2

Start Time	Pilot Knob Rd Southbound					Mendota Heights Rd Westbound					Pilot Knob Rd Northbound					Mendota Heights Rd Eastbound					Int. Total
	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
06:00 AM	0	0	22	2	24	0	1	1	7	9	0	22	58	17	97	0	6	9	2	17	147
06:15 AM	0	0	19	0	19	0	1	3	11	15	0	18	69	17	104	0	16	4	5	25	163
06:30 AM	0	0	30	4	34	0	0	1	5	6	2	15	63	11	91	0	5	9	4	18	149
06:45 AM	0	0	39	1	40	0	2	2	15	19	0	22	61	23	106	4	11	15	3	33	198
Total	0	0	110	7	117	0	4	7	38	49	2	77	251	68	398	4	38	37	14	93	657
07:00 AM	0	2	33	4	39	0	3	2	13	18	0	38	89	26	153	0	18	16	6	40	250
07:15 AM	0	1	27	1	29	0	1	9	15	25	0	35	95	12	142	1	21	16	1	39	235
07:30 AM	0	1	31	3	35	0	0	6	16	22	0	66	116	19	201	0	19	31	1	51	309
07:45 AM	0	2	30	2	34	0	2	10	21	33	0	50	137	24	211	0	23	31	3	57	335
Total	0	6	121	10	137	0	6	27	65	98	0	189	437	81	707	1	81	94	11	187	1129
08:00 AM	2	0	69	4	75	0	2	11	18	31	0	75	150	37	262	1	29	32	7	69	437
08:15 AM	0	2	43	8	53	0	4	4	20	28	0	52	88	27	167	0	17	37	5	59	307
08:30 AM	0	1	36	5	42	0	3	5	29	37	0	38	89	27	154	1	14	22	3	40	273
08:45 AM	0	2	41	2	45	0	1	8	25	34	0	23	71	15	109	0	7	16	0	23	211
Total	2	5	189	19	215	0	10	28	92	130	0	188	398	106	692	2	67	107	15	191	1228
09:00 AM	0	4	43	2	49	0	2	6	17	25	0	23	73	19	115	0	8	10	0	18	207
09:15 AM	0	1	38	2	41	0	3	6	11	20	1	17	57	13	88	0	13	16	2	31	180
*** BREAK ***																					
Total	0	5	81	4	90	0	5	12	28	45	1	40	130	32	203	0	21	26	2	49	387
*** BREAK ***																					
10:30 AM	0	3	31	2	36	0	2	1	14	17	0	13	35	16	64	0	9	6	1	16	133
10:45 AM	0	0	32	0	32	1	3	6	18	28	0	11	53	12	76	0	6	7	2	15	151
Total	0	3	63	2	68	1	5	7	32	45	0	24	88	28	140	0	15	13	3	31	284
11:00 AM	0	1	39	3	43	0	3	4	21	28	0	16	51	5	72	1	7	8	1	17	160
11:15 AM	0	2	55	3	60	0	0	5	30	35	2	8	35	13	58	0	18	6	0	24	177
11:30 AM	0	2	58	1	61	0	6	12	44	62	0	20	55	17	92	0	14	5	4	23	238
11:45 AM	0	6	59	4	69	0	0	9	60	69	0	17	53	14	84	5	17	7	0	29	251
Total	0	11	211	11	233	0	9	30	155	194	2	61	194	49	306	6	56	26	5	93	826
12:00 PM	0	2	73	1	76	0	4	7	46	57	1	21	41	8	71	0	6	4	3	13	217
12:15 PM	0	2	94	2	98	0	4	9	59	72	1	33	57	20	111	0	17	6	4	27	308
12:30 PM	0	4	63	4	71	0	2	6	51	59	4	25	75	9	113	0	21	7	3	31	274
12:45 PM	0	8	84	3	95	0	4	6	45	55	2	29	65	20	116	1	17	21	2	41	307
Total	0	16	314	10	340	0	14	28	201	243	8	108	238	57	411	1	61	38	12	112	1106
01:00 PM	0	3	57	2	62	0	3	5	36	44	1	26	59	13	99	0	19	16	5	40	245
01:15 PM	1	3	59	4	67	0	5	5	26	36	2	26	56	23	107	1	17	5	3	26	236
*** BREAK ***																					
Total	1	6	116	6	129	0	8	10	62	80	3	52	115	36	206	1	36	21	8	66	481
*** BREAK ***																					
02:30 PM	0	1	43	0	44	0	0	7	36	43	0	16	51	13	80	0	19	5	2	26	193
02:45 PM	0	1	55	2	58	0	4	10	44	58	2	23	54	22	101	0	17	11	0	28	245
Total	0	2	98	2	102	0	4	17	80	101	2	39	105	35	181	0	36	16	2	54	438
03:00 PM	0	0	57	3	60	0	4	16	46	66	0	19	70	19	108	0	19	12	3	34	268
03:15 PM	0	4	86	1	91	0	2	8	48	58	1	12	62	22	97	1	24	6	2	33	279
03:30 PM	0	7	65	3	75	0	2	17	74	93	1	7	45	22	75	0	36	14	4	54	297
03:45 PM	0	15	117	10	142	0	3	18	93	114	3	20	59	27	109	1	24	7	3	35	400
Total	0	26	325	17	368	0	11	59	261	331	5	58	236	90	389	2	103	39	12	156	1244

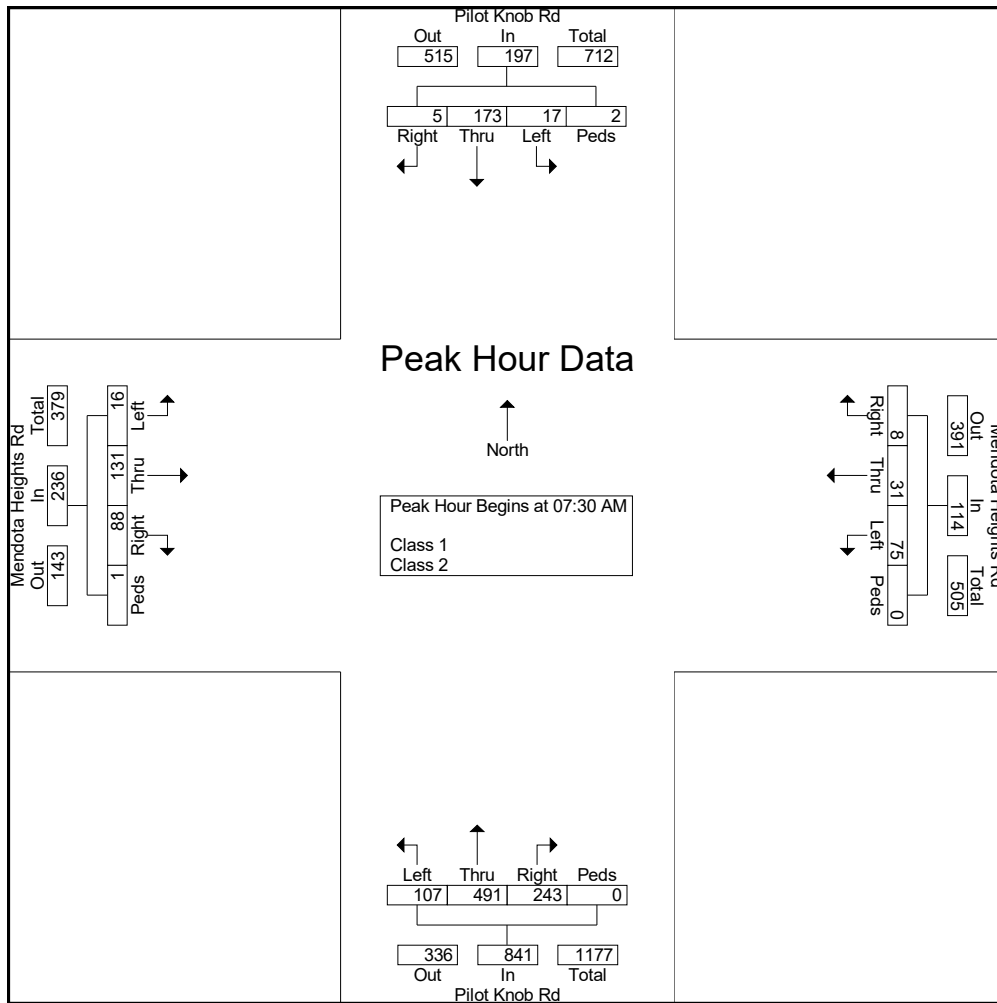
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Start Time	Pilot Knob Rd Southbound					Mendota Heights Rd Westbound					Pilot Knob Rd Northbound					Mendota Heights Rd Eastbound					Int. Total
	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
04:00 PM	0	4	87	0	91	0	2	9	80	91	0	15	44	25	84	0	21	12	4	37	303
04:15 PM	0	1	79	2	82	0	3	20	94	117	1	14	64	20	99	0	23	7	5	35	333
04:30 PM	1	1	90	2	94	0	3	16	74	93	0	12	55	27	94	1	25	13	1	40	321
04:45 PM	0	8	122	3	133	0	3	24	103	130	3	9	64	38	114	0	20	13	3	36	413
Total	1	14	378	7	400	0	11	69	351	431	4	50	227	110	391	1	89	45	13	148	1370
05:00 PM	0	6	88	2	96	0	3	22	79	104	2	15	50	34	101	0	12	6	2	20	321
05:15 PM	0	4	96	1	101	0	1	20	72	93	2	17	57	25	101	0	12	12	5	29	324
05:30 PM	0	3	70	2	75	0	2	9	57	68	0	11	58	37	106	0	21	12	2	35	284
05:45 PM	0	0	69	4	73	1	1	11	36	49	2	9	36	34	81	0	7	5	2	14	217
Total	0	13	323	9	345	1	7	62	244	314	6	52	201	130	389	0	52	35	11	98	1146
Grand Total	4	107	2329	104	2544	2	94	356	1609	2061	33	938	2620	822	4413	18	655	497	108	1278	10296
Apprch %	0.2	4.2	91.5	4.1		0.1	4.6	17.3	78.1		0.7	21.3	59.4	18.6		1.4	51.3	38.9	8.5		
Total %	0	1	22.6	1	24.7	0	0.9	3.5	15.6	20	0.3	9.1	25.4	8	42.9	0.2	6.4	4.8	1	12.4	
Class 1	0	96	2167	89	2352	2	80	328	1543	1953	27	882	2449	714	4072	16	587	451	94	1148	9525
% Class 1	0	89.7	93	85.6	92.5	100	85.1	92.1	95.9	94.8	81.8	94	93.5	86.9	92.3	88.9	89.6	90.7	87	89.8	92.5
Class 2	4	11	162	15	192	0	14	28	66	108	6	56	171	108	341	2	68	46	14	130	771
% Class 2	100	10.3	7	14.4	7.5	0	14.9	7.9	4.1	5.2	18.2	6	6.5	13.1	7.7	11.1	10.4	9.3	13	10.2	7.5

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Start Time	Pilot Knob Rd Southbound					Mendota Heights Rd Westbound					Pilot Knob Rd Northbound					Mendota Heights Rd Eastbound					Int. Total
	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	0	1	31	3	35	0	0	6	16	22	0	66	116	19	201	0	19	31	1	51	309
07:45 AM	0	2	30	2	34	0	2	10	21	33	0	50	137	24	211	0	23	31	3	57	335
08:00 AM	2	0	69	4	75	0	2	11	18	31	0	75	150	37	262	1	29	32	7	69	437
08:15 AM	0	2	43	8	53	0	4	4	20	28	0	52	88	27	167	0	17	37	5	59	307
Total Volume	2	5	173	17	197	0	8	31	75	114	0	243	491	107	841	1	88	131	16	236	1388
% App. Total	1	2.5	87.8	8.6		0	7	27.2	65.8		0	28.9	58.4	12.7		0.4	37.3	55.5	6.8		
PHF	.250	.625	.627	.531	.657	.000	.500	.705	.893	.864	.000	.810	.818	.723	.802	.250	.759	.885	.571	.855	.794



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Start Time	Pilot Knob Rd Southbound					Mendota Heights Rd Westbound					Pilot Knob Rd Northbound					Mendota Heights Rd Eastbound					Int. Total
	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	Peds	Right	Thru	Left	App. Total	
Peak Hour Analysis From 12:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	0	1	79	2	82	0	3	20	94	117	1	14	64	20	99	0	23	7	5	35	333
04:30 PM	1	1	90	2	94	0	3	16	74	93	0	12	55	27	94	1	25	13	1	40	321
04:45 PM	0	8	122	3	133	0	3	24	103	130	3	9	64	38	114	0	20	13	3	36	413
05:00 PM	0	6	88	2	96	0	3	22	79	104	2	15	50	34	101	0	12	6	2	20	321
Total Volume	1	16	379	9	405	0	12	82	350	444	6	50	233	119	408	1	80	39	11	131	1388
% App. Total	0.2	4	93.6	2.2		0	2.7	18.5	78.8		1.5	12.3	57.1	29.2		0.8	61.1	29.8	8.4		
PHF	.250	.500	.777	.750	.761	.000	1.00	.854	.850	.854	.500	.833	.910	.783	.895	.250	.800	.750	.550	.819	.840

