

Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

McKnight Rd at Burns Ave/ ramp to I-94 EB

Ref.Pt.: 246.641

File Name : 13 I-94 South Ramp & McKnight Rd

Site Code : 13

Start Date : 1/13/2012

Page No : 1

TURN MOVEMENT COUNT

Groups Printed- Cars - Heavy Vehicles

Start Time	McKnight Rd Southbound				Ramp to I-94 EB / Hudson Place Westbound				McKnight Rd Northbound				Burns Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
06:00	11	31	8	0	0	0	0	0	1	49	7	0	3	3	1	0	114
06:15	21	45	10	0	0	1	3	0	3	53	8	0	7	2	2	0	155
06:30	16	32	9	0	0	0	5	0	11	108	16	0	9	10	3	0	219
06:45	16	51	24	0	0	2	7	0	7	98	20	0	12	8	3	0	248
Total	64	159	51	0	0	3	15	0	22	308	51	0	31	23	9	0	736
07:00	25	78	31	0	0	0	3	0	10	129	10	0	19	14	1	1	321
07:15	37	59	35	0	0	2	6	0	8	149	16	0	18	12	8	0	350
07:30	42	69	31	0	1	2	6	0	12	137	17	0	17	14	6	0	354
07:45	34	77	16	0	1	2	6	0	13	123	14	0	14	15	7	0	322
Total	138	283	113	0	2	6	21	0	43	538	57	0	68	55	22	1	1347
08:00	37	65	14	0	2	2	1	0	7	142	10	0	15	15	7	0	317
08:15	38	53	16	0	0	0	5	0	14	124	14	0	8	7	6	1	286
08:30	37	62	6	0	1	1	5	0	11	118	15	0	39	15	10	0	320
08:45	34	77	13	0	1	1	7	0	11	88	14	0	16	12	6	1	281
Total	146	257	49	0	4	4	18	0	43	472	53	0	78	49	29	2	1204
09:00	35	46	21	0	0	2	4	0	10	84	13	0	11	6	4	0	236
09:15	25	53	11	0	1	0	1	0	7	79	13	0	4	12	2	0	208
09:30	25	41	10	0	1	0	6	0	9	54	7	0	7	14	7	1	182
09:45	30	51	1	0	0	0	2	0	7	54	10	0	8	16	4	1	184
Total	115	191	43	0	2	2	13	0	33	271	43	0	30	48	17	2	810
10:00	27	41	11	0	1	0	2	0	3	62	7	0	2	9	8	1	174
10:15	48	51	24	0	0	0	2	0	12	58	5	0	7	8	6	2	223
10:30	37	51	14	0	0	0	1	0	14	58	10	0	10	14	6	1	216
10:45	46	63	17	1	0	0	2	0	3	62	11	0	5	14	7	0	231
Total	158	206	66	1	1	0	7	0	32	240	33	0	24	45	27	4	844
11:00	43	61	13	0	1	1	3	1	19	70	3	0	14	15	6	0	250
11:15	53	71	22	1	0	6	2	3	15	70	7	0	13	9	5	0	277
11:30	74	92	29	0	0	0	5	2	17	57	4	0	20	14	10	0	324
11:45	47	83	20	0	1	0	6	0	6	49	5	0	14	17	14	1	263
Total	217	307	84	1	2	7	16	6	57	246	19	0	61	55	35	1	1114
12:00	59	86	22	0	0	1	2	3	6	70	6	0	11	16	5	0	287
12:15	47	75	28	0	0	4	4	1	9	79	7	0	13	19	12	0	298
12:30	56	70	22	0	0	2	2	0	9	83	12	0	15	21	6	0	298
12:45	43	71	19	0	1	1	3	2	7	86	8	0	12	14	13	0	280
Total	205	302	91	0	1	8	11	6	31	318	33	0	51	70	36	0	1163
13:00	46	68	23	0	1	1	10	0	6	72	11	0	14	10	10	0	272
13:15	55	84	18	0	1	0	3	0	8	65	12	0	11	24	5	1	287
13:30	54	69	18	0	1	0	1	0	12	63	3	0	14	24	8	1	268
13:45	46	76	28	0	0	1	0	0	5	64	9	0	9	15	7	0	260
Total	201	297	87	0	3	2	14	0	31	264	35	0	48	73	30	2	1087
14:00	44	73	22	0	0	0	3	0	9	85	10	0	14	20	11	0	291
14:15	51	98	20	0	0	1	3	0	8	59	4	0	17	20	13	0	294
14:30	50	95	22	0	0	0	1	0	6	82	17	0	8	17	12	0	310
14:45	68	105	18	2	1	2	2	0	13	62	11	0	11	17	9	0	321
Total	213	371	82	2	1	3	9	0	36	288	42	0	50	74	45	0	1216
15:00	83	111	14	0	0	3	10	1	9	61	14	1	8	12	9	2	338
15:15	84	104	21	0	2	2	5	1	4	71	8	1	15	15	14	2	349
15:30	86	126	17	0	0	2	0	0	12	87	9	0	14	32	12	1	398
15:45	83	107	22	0	0	2	0	1	3	93	6	0	15	11	10	0	353
Total	336	448	74	0	2	9	15	3	28	312	37	2	52	70	45	5	1438

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TURN MOVEMENT COUNT

Groups Printed- Cars - Heavy Vehicles

Start Time	McKnight Rd Southbound				Ramp to I-94 EB / Hudson Place Westbound				McKnight Rd Northbound				Burns Ave Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	106	132	30	0	0	0	3	0	11	78	12	0	12	31	8	0	423
16:15	131	155	35	1	0	2	0	0	4	101	14	0	16	14	8	1	482
16:30	150	160	31	0	0	0	0	0	7	98	7	0	14	37	16	2	522
16:45	140	164	21	0	2	0	1	0	13	101	12	0	10	24	23	0	511
Total	527	611	117	1	2	2	4	0	35	378	45	0	52	106	55	3	1938
17:00	144	166	26	0	1	0	9	0	13	88	9	0	5	27	12	1	501
17:15	121	150	30	1	0	0	2	0	11	93	18	0	13	34	16	0	489
17:30	111	134	21	0	2	1	3	0	12	74	14	0	11	26	11	1	421
17:45	88	152	32	0	1	2	1	0	9	99	10	0	11	22	16	1	444
Total	464	602	109	1	4	3	15	0	45	354	51	0	40	109	55	3	1855
18:00	86	106	20	0	0	2	6	0	4	68	12	0	9	24	17	0	354
18:15	75	119	21	1	2	0	2	0	7	78	16	0	7	22	14	0	364
18:30	60	90	12	0	1	2	0	1	14	83	12	0	4	16	17	0	312
18:45	55	80	18	0	0	1	2	0	9	50	7	0	12	23	12	1	270
Total	276	395	71	1	3	5	10	1	34	279	47	0	32	85	60	1	1300
Grand Total	3060	4429	1037	7	27	54	168	16	470	4268	546	2	617	862	465	24	16052
Apprch %	35.9	51.9	12.2	0.1	10.2	20.4	63.4	6	8.9	80.7	10.3	0	31.4	43.8	23.6	1.2	
Total %	19.1	27.6	6.5	0	0.2	0.3	1	0.1	2.9	26.6	3.4	0	3.8	5.4	2.9	0.1	
Cars	2979	4174	989	7	24	50	161	16	451	4067	520	2	590	833	431	21	15315
% Cars	97.4	94.2	95.4	100	88.9	92.6	95.8	100	96	95.3	95.2	100	95.6	96.6	92.7	87.5	95.4
Heavy Vehicles	81	255	48	0	3	4	7	0	19	201	26	0	27	29	34	3	737
% Heavy Vehicles	2.6	5.8	4.6	0	11.1	7.4	4.2	0	4	4.7	4.8	0	4.4	3.4	7.3	12.5	4.6

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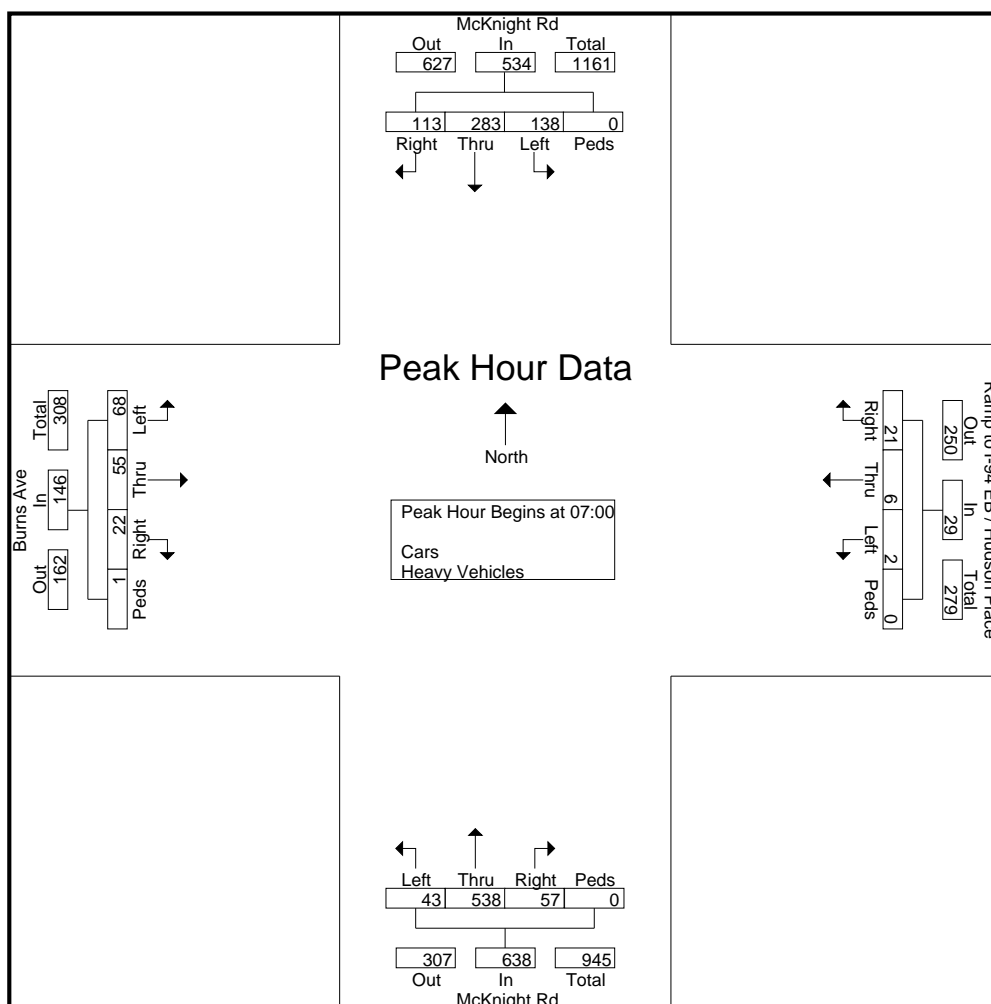
Site Code : 13

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Page No : 3

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	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 09:30 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	25	78	31	0	134	0	0	3	0	3	10	129	10	0	149	19	14	1	1	35	321
07:15	37	59	35	0	131	0	2	6	0	8	8	149	16	0	173	18	12	8	0	38	350
07:30	42	69	31	0	142	1	2	6	0	9	12	137	17	0	166	17	14	6	0	37	354
07:45	34	77	16	0	127	1	2	6	0	9	13	123	14	0	150	14	15	7	0	36	322
Total Volume	138	283	113	0	534	2	6	21	0	29	43	538	57	0	638	68	55	22	1	146	1347
% App. Total	25.8	53	21.2	0		6.9	20.7	72.4	0		6.7	84.3	8.9	0		46.6	37.7	15.1	0.7		
PHF	.821	.907	.807	.000	.940	.500	.750	.875	.000	.806	.827	.903	.838	.000	.922	.895	.917	.688	.250	.961	.951



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	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 15:00 to 18:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:30																					
16:30	150	160	31	0	341	0	0	0	0	0	7	98	7	0	112	14	37	16	2	69	522
16:45	140	164	21	0	325	2	0	1	0	3	13	101	12	0	126	10	24	23	0	57	511
17:00	144	166	26	0	336	1	0	9	0	10	13	88	9	0	110	5	27	12	1	45	501
17:15	121	150	30	1	302	0	0	2	0	2	11	93	18	0	122	13	34	16	0	63	489
Total Volume	555	640	108	1	1304	3	0	12	0	15	44	380	46	0	470	42	122	67	3	234	2023
% App. Total	42.6	49.1	8.3	0.1		20	0	80	0		9.4	80.9	9.8	0		17.9	52.1	28.6	1.3		
PHF	.925	.964	.871	.250	.956	.375	.000	.333	.000	.375	.846	.941	.639	.000	.933	.750	.824	.728	.375	.848	.969

