

Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

I-494 at 7th Ave S, south ramp
 South St Paul, MN
 Ref.Pt.: 065.232
 TURN MOVEMENT COUNT

File Name : I-494 at 7th Ave S south ramp 2012
 Site Code : 38
 Start Date : 1/13/2012
 Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	7th Ave S Southbound				south frontage road Westbound				7th Ave S Northbound				ramp from I-494 EB Eastbound				Int. Total	
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds		
06:00	0	7	0	0	0	0	0	0	0	0	41	0	0	8	4	12	0	72
06:15	3	13	0	0	0	0	0	0	0	0	50	2	0	5	7	17	0	97
06:30	5	12	0	0	0	0	0	0	0	0	77	3	0	13	11	22	0	143
06:45	2	22	0	0	0	0	0	0	0	0	74	1	0	20	9	19	1	148
Total	10	54	0	0	0	0	0	0	0	0	242	6	0	46	31	70	1	460
07:00	3	19	0	0	0	0	0	0	0	0	80	3	0	20	12	25	0	162
07:15	0	32	0	0	0	0	0	0	1	0	102	1	1	28	25	29	0	219
07:30	5	23	0	0	0	0	0	0	1	0	102	5	0	33	11	26	0	206
07:45	3	47	0	0	0	0	0	0	0	0	74	2	0	37	19	48	0	230
Total	11	121	0	0	0	0	0	0	2	0	358	11	1	118	67	128	0	817
08:00	6	28	0	0	0	0	0	0	0	0	84	4	0	25	13	30	0	190
08:15	3	37	0	0	0	0	0	0	0	0	70	1	0	18	19	26	0	174
08:30	2	36	0	0	0	0	0	0	0	0	67	4	1	18	10	16	0	154
08:45	3	20	0	0	0	0	0	0	0	0	62	6	0	22	23	33	0	169
Total	14	121	0	0	0	0	0	0	0	0	283	15	1	83	65	105	0	687
09:00	1	26	0	0	0	0	0	0	0	0	61	4	0	15	14	24	0	145
09:15	3	32	0	0	0	0	0	0	0	0	59	6	0	18	10	21	0	149
09:30	5	16	0	0	0	0	0	0	0	0	52	7	0	16	11	35	0	142
09:45	3	23	0	0	0	0	0	0	1	0	42	3	1	23	8	19	1	124
Total	12	97	0	0	0	0	0	0	1	0	214	20	1	72	43	99	1	560
10:00	6	26	0	0	0	0	0	0	0	0	50	4	0	21	8	20	0	135
10:15	5	33	0	0	0	0	0	0	0	0	45	7	0	19	5	20	0	134
10:30	6	23	0	0	0	0	0	0	0	0	50	4	0	17	7	18	0	125
10:45	2	30	0	0	0	0	0	0	0	0	52	7	0	18	16	24	0	149
Total	19	112	0	0	0	0	0	0	0	0	197	22	0	75	36	82	0	543
11:00	4	31	0	0	0	0	0	0	0	0	63	5	0	21	11	26	0	161
11:15	4	39	0	0	0	0	0	0	0	0	61	0	0	29	18	23	0	174
11:30	4	35	0	0	0	0	0	0	0	0	54	5	0	24	11	42	0	175
11:45	1	37	0	0	0	0	0	0	0	0	58	6	0	21	13	39	0	175
Total	13	142	0	0	0	0	0	0	0	0	236	16	0	95	53	130	0	685
12:00	8	36	0	0	0	0	0	0	0	0	67	5	0	27	8	25	0	176
12:15	3	28	0	0	0	0	0	0	0	0	62	3	0	22	12	34	1	165
12:30	4	23	1	0	0	0	0	0	0	0	62	3	0	20	15	26	0	154
12:45	7	26	1	0	0	0	0	0	0	0	56	8	0	18	20	31	0	167
Total	22	113	2	0	0	0	0	0	0	0	247	19	0	87	55	116	1	662
13:00	8	28	1	0	0	0	0	0	0	0	65	8	1	24	18	35	1	189
13:15	5	44	0	0	0	0	0	0	0	0	66	9	0	26	16	29	0	195
13:30	3	33	2	0	0	0	0	0	2	0	57	6	0	19	18	37	0	177
13:45	10	37	0	0	0	0	0	0	4	0	43	2	3	29	38	36	2	204
Total	26	142	3	0	0	0	0	0	6	0	231	25	4	98	90	137	3	765
14:00	5	35	0	0	0	0	0	0	2	0	55	3	2	29	33	39	1	204
14:15	1	43	0	0	0	0	0	0	0	0	70	6	0	43	24	53	1	241
14:30	6	44	0	0	0	0	0	0	1	0	61	7	0	33	22	40	0	214
14:45	4	51	0	0	0	0	0	0	0	0	77	8	1	37	28	37	0	243
Total	16	173	0	0	0	0	0	0	3	0	263	24	3	142	107	169	2	902
15:00	4	44	0	0	0	0	0	0	0	0	63	9	0	28	26	44	0	218
15:15	6	29	0	0	0	0	0	0	0	0	84	7	0	55	24	42	1	248
15:30	5	40	0	0	0	0	0	0	1	0	68	10	0	44	24	47	1	240
15:45	4	43	0	0	0	0	0	0	0	0	63	4	0	63	35	68	0	280
Total	19	156	0	0	0	0	0	0	1	0	278	30	0	190	109	201	2	986

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Groups Printed- Cars - Heavy Vehicles

Start Time	7th Ave S Southbound				south frontage road Westbound				7th Ave S Northbound				ramp from I-494 EB Eastbound				Int. Total
	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Right	Peds	
16:00	3	52	0	0	0	0	0	0	0	69	6	0	44	35	57	1	267
16:15	11	35	0	0	0	0	0	0	0	73	6	0	70	35	45	0	275
16:30	8	39	0	0	0	0	0	1	0	67	6	1	63	35	59	0	279
16:45	6	55	0	0	0	0	0	1	0	75	5	1	64	30	65	1	303
Total	28	181	0	0	0	0	0	2	0	284	23	2	241	135	226	2	1124
17:00	8	53	0	0	0	0	0	0	0	82	2	0	71	35	54	1	306
17:15	10	32	0	0	0	0	0	0	0	82	8	0	49	29	56	0	266
17:30	5	28	0	0	0	0	0	2	0	77	9	0	73	44	35	0	273
17:45	3	42	0	0	0	0	0	1	0	89	4	0	57	45	52	0	293
Total	26	155	0	0	0	0	0	3	0	330	23	0	250	153	197	1	1138
18:00	6	43	0	0	0	0	0	0	0	66	6	0	51	30	32	0	234
18:15	8	46	0	0	0	0	0	0	0	72	5	0	54	34	46	2	267
18:30	4	36	0	0	0	0	0	1	0	64	8	0	42	23	39	2	219
18:45	6	50	0	0	0	0	0	0	0	65	7	0	38	29	21	0	216
Total	24	175	0	0	0	0	0	1	0	267	26	0	185	116	138	4	936
Grand Total	240	1742	5	0	0	0	0	19	0	3430	260	12	1682	1060	1798	17	10265
Apprch %	12.1	87.7	0.3	0	0	0	0	100	0	92.7	7	0.3	36.9	23.3	39.5	0.4	
Total %	2.3	17	0	0	0	0	0	0.2	0	33.4	2.5	0.1	16.4	10.3	17.5	0.2	
Cars	229	1690	4	0	0	0	0	18	0	3343	251	10	1652	1005	1717	14	9933
% Cars	95.4	97	80	0	0	0	0	94.7	0	97.5	96.5	83.3	98.2	94.8	95.5	82.4	96.8
Heavy Vehicles	11	52	1	0	0	0	0	1	0	87	9	2	30	55	81	3	332
% Heavy Vehicles	4.6	3	20	0	0	0	0	5.3	0	2.5	3.5	16.7	1.8	5.2	4.5	17.6	3.2

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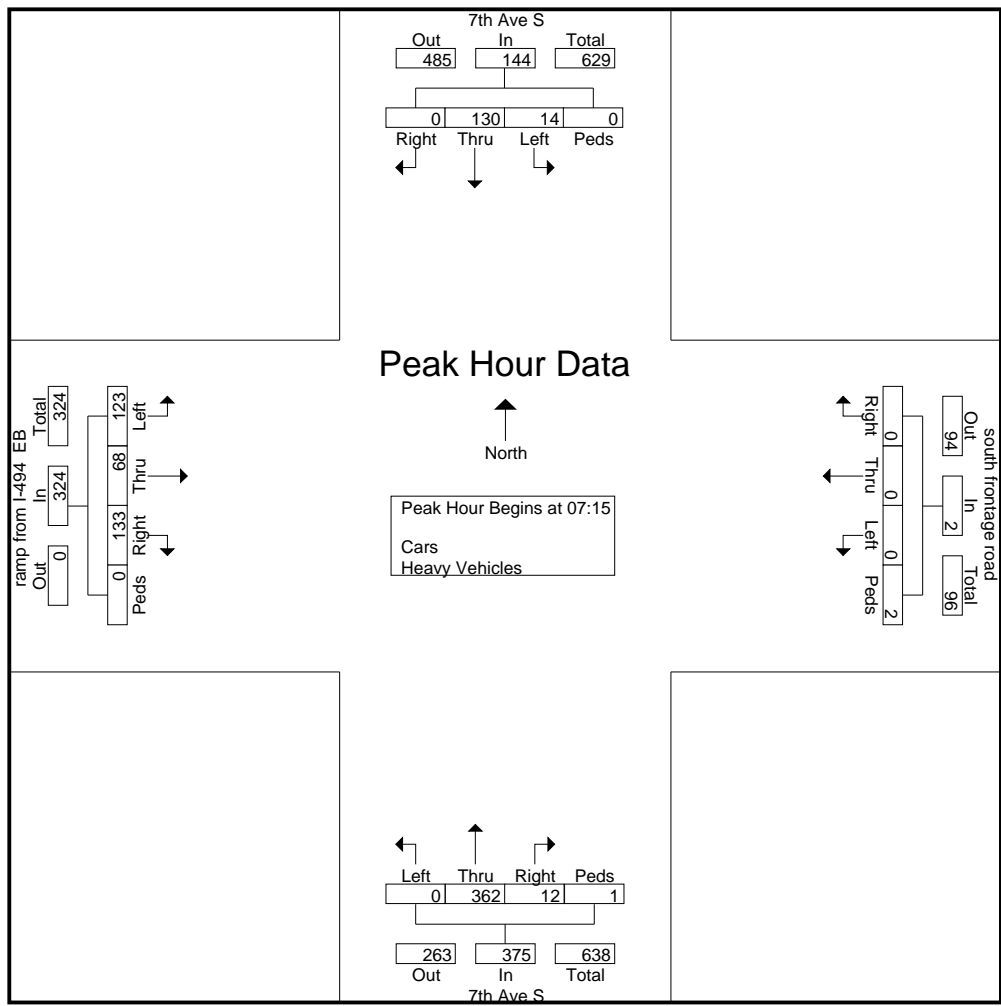
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15																					
07:15	0	32	0	0	32	0	0	0	1	1	0	102	1	1	104	28	25	29	0	82	219
07:30	5	23	0	0	28	0	0	0	1	1	0	102	5	0	107	33	11	26	0	70	206
07:45	3	47	0	0	50	0	0	0	0	0	0	74	2	0	76	37	19	48	0	104	230
08:00	6	28	0	0	34	0	0	0	0	0	0	84	4	0	88	25	13	30	0	68	190
Total Volume	14	130	0	0	144	0	0	0	2	2	0	362	12	1	375	123	68	133	0	324	845
% App. Total	9.7	90.3	0	0		0	0	0	100		0	96.5	3.2	0.3		38	21	41	0		
PHF	.583	.691	.000	.000	.720	.000	.000	.000	.500	.500	.000	.887	.600	.250	.876	.831	.680	.693	.000	.779	.918



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Start Time	7th Ave S Southbound					south frontage road Westbound					7th Ave S Northbound					ramp from I-494 EB 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 15:00 to 18:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:15																					
16:15	11	35	0	0	46	0	0	0	0	0	0	73	6	0	79	70	35	45	0	150	275
16:30	8	39	0	0	47	0	0	0	1	1	0	67	6	1	74	63	35	59	0	157	279
16:45	6	55	0	0	61	0	0	0	1	1	0	75	5	1	81	64	30	65	1	160	303
17:00	8	53	0	0	61	0	0	0	0	0	0	82	2	0	84	71	35	54	1	161	306
Total Volume	33	182	0	0	215	0	0	0	2	2	0	297	19	2	318	268	135	223	2	628	1163
% App. Total	15.3	84.7	0	0		0	0	0	100		0	93.4	6	0.6		42.7	21.5	35.5	0.3		
PHF	.750	.827	.000	.000	.881	.000	.000	.000	.500	.500	.000	.905	.792	.500	.946	.944	.964	.858	.500	.975	.950

