

Albeck Gerken, Inc

Transportation Engineers

Traffic Data Collection

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

File Name : I-494 at 7th Ave S north ramp 2012
 Site Code : 37
 Start Date : 1/13/2012
 Page No : 1

Groups Printed- Cars - Heavy Vehicles

Start Time	7th Ave S Southbound			north frontage rd Westbound				7th Ave S Northbound			ramp to I-494 WB Eastbound	Int. Total
	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Peds	Peds	
06:00	7	41	0	1	11	1	0	38	11	0	0	110
06:15	15	52	0	1	26	1	0	40	10	0	0	145
06:30	14	73	0	3	30	2	0	68	27	0	0	217
06:45	12	58	0	4	26	3	0	35	15	0	0	153
Total	48	224	0	9	93	7	0	181	63	0	0	625
07:00	18	65	0	5	32	6	0	59	34	0	0	219
07:15	27	100	0	6	37	3	0	73	52	0	0	298
07:30	22	107	0	6	46	4	1	79	43	0	0	308
07:45	42	84	0	6	46	7	0	67	55	0	0	307
Total	109	356	0	23	161	20	1	278	184	0	0	1132
08:00	32	75	0	6	39	6	0	58	50	0	0	266
08:15	33	57	0	6	22	3	0	51	34	0	0	206
08:30	30	48	0	10	39	5	0	60	32	0	0	224
08:45	18	46	0	5	42	6	0	44	42	0	0	203
Total	113	226	0	27	142	20	0	213	158	0	0	899
09:00	21	26	0	7	22	7	0	46	32	0	0	161
09:15	27	35	0	7	14	3	0	43	33	0	0	162
09:30	15	27	0	5	21	5	0	42	27	0	0	142
09:45	15	24	0	11	16	3	2	30	39	0	0	140
Total	78	112	0	30	73	18	2	161	131	0	0	605
10:00	24	23	0	9	23	6	0	43	27	0	0	155
10:15	27	28	0	9	12	1	0	33	39	0	0	149
10:30	21	28	0	5	19	6	0	33	32	0	0	144
10:45	21	22	0	8	15	4	0	30	36	0	0	136
Total	93	101	0	31	69	17	0	139	134	0	0	584
11:00	33	15	0	4	23	9	0	45	43	0	0	172
11:15	36	20	0	10	24	9	0	46	40	0	0	185
11:30	32	23	0	7	26	3	0	39	48	0	0	178
11:45	32	25	0	6	18	5	0	35	40	0	0	161
Total	133	83	0	27	91	26	0	165	171	0	0	696
12:00	36	23	0	10	26	4	0	44	46	0	0	189
12:15	23	23	0	8	17	8	0	30	53	0	1	163
12:30	24	35	0	2	18	11	0	47	35	0	0	172
12:45	29	33	0	8	11	7	0	27	40	0	0	155
Total	112	114	0	28	72	30	0	148	174	0	1	679
13:00	28	14	0	5	19	2	0	38	57	0	1	164
13:15	49	22	0	10	21	5	0	29	53	0	0	189
13:30	36	33	0	4	29	6	3	45	27	0	0	183
13:45	46	22	0	8	25	5	4	41	39	0	2	192
Total	159	91	0	27	94	18	7	153	176	0	3	728
14:00	37	26	0	6	30	5	2	38	47	0	1	192
14:15	40	29	0	8	43	3	0	42	70	0	1	236
14:30	44	36	0	11	42	10	2	37	61	0	0	243
14:45	58	28	0	7	28	8	0	50	66	0	0	245
Total	179	119	0	32	143	26	4	167	244	0	2	916
15:00	38	33	0	9	19	12	0	39	53	0	0	203

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Groups Printed- Cars - Heavy Vehicles

Start Time	7th Ave S Southbound			north frontage rd Westbound				7th Ave S Northbound			ramp to I-494 WB Eastbound	Int. Total
	Thru	Right	Peds	Left	Thru	Right	Peds	Left	Thru	Peds	Peds	
15:15	28	50	0	10	44	2	0	56	92	0	1	283
15:30	28	40	0	17	34	14	2	47	69	0	1	252
15:45	41	33	0	8	20	7	0	38	91	0	0	238
Total	135	156	0	44	117	35	2	180	305	0	2	976
16:00	49	26	0	5	29	15	0	42	72	0	0	238
16:15	43	30	0	8	27	7	0	37	103	0	0	255
16:30	42	38	0	9	34	6	1	37	94	0	1	262
16:45	42	43	0	20	29	7	0	49	92	0	1	283
Total	176	137	0	42	119	35	1	165	361	0	2	1038
17:00	47	39	0	17	36	5	0	51	104	0	1	300
17:15	43	42	0	4	37	10	0	48	83	0	0	267
17:30	34	49	0	8	31	12	3	50	109	0	0	296
17:45	34	39	0	9	47	12	1	64	88	0	0	294
Total	158	169	0	38	151	39	4	213	384	0	1	1157
18:00	42	43	0	3	44	9	1	40	78	0	0	260
18:15	47	38	0	10	25	6	0	32	93	0	2	253
18:30	36	30	0	6	11	8	1	31	82	0	1	206
18:45	50	29	0	9	24	6	0	32	71	0	0	221
Total	175	140	0	28	104	29	2	135	324	0	3	940
Grand Total	1668	2028	0	386	1429	320	23	2298	2809	0	14	10975
Apprch %	45.1	54.9	0	17.9	66.2	14.8	1.1	45	55	0	100	
Total %	15.2	18.5	0	3.5	13	2.9	0.2	20.9	25.6	0	0.1	
Cars	1630	1998	0	367	1336	312	23	2230	2772	0	14	10682
% Cars	97.7	98.5	0	95.1	93.5	97.5	100	97	98.7	0	100	97.3
Heavy Vehicles	38	30	0	19	93	8	0	68	37	0	0	293
% Heavy Vehicles	2.3	1.5	0	4.9	6.5	2.5	0	3	1.3	0	0	2.7

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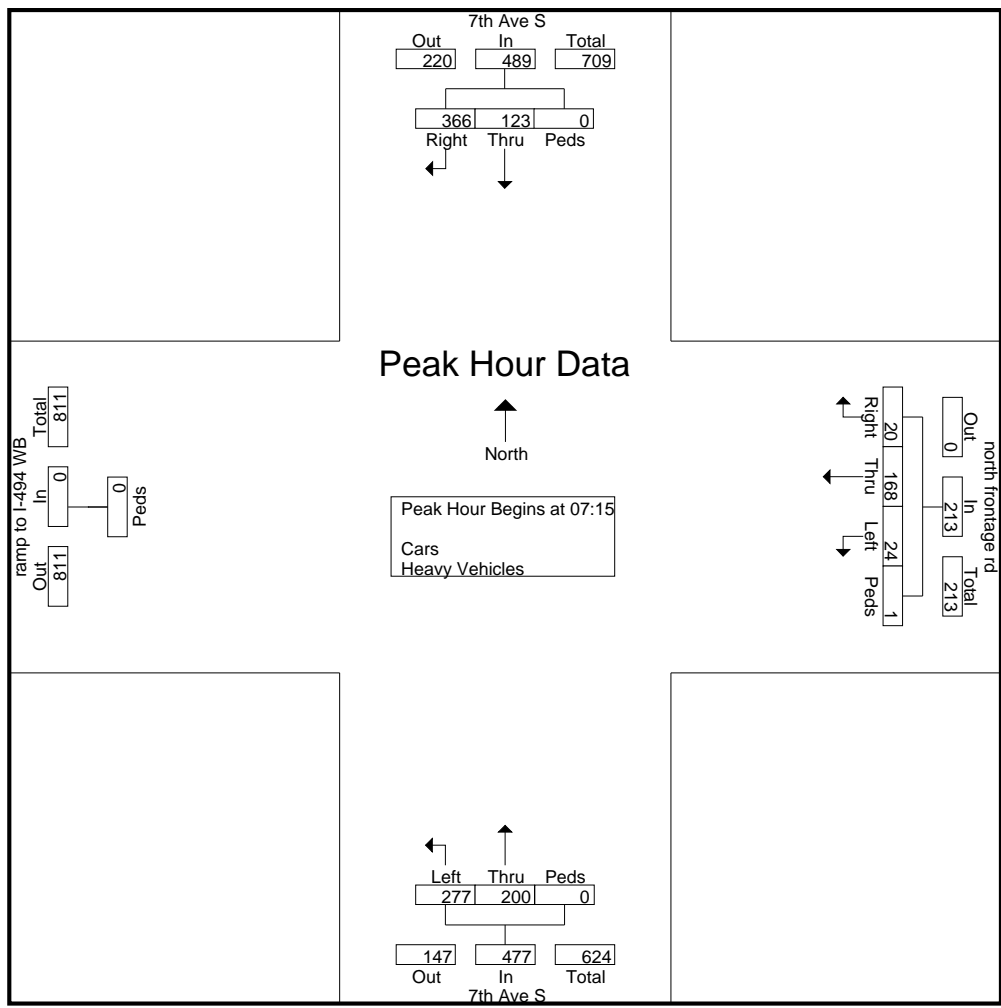
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Start Time	7th Ave S Southbound				north frontage rd Westbound					7th Ave S Northbound				ramp to I-494 WB Eastbound		
	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Peds	App. Total	Int. Total
Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:15																
07:15	27	100	0	127	6	37	3	0	46	73	52	0	125	0	0	298
07:30	22	107	0	129	6	46	4	1	57	79	43	0	122	0	0	308
07:45	42	84	0	126	6	46	7	0	59	67	55	0	122	0	0	307
08:00	32	75	0	107	6	39	6	0	51	58	50	0	108	0	0	266
Total Volume	123	366	0	489	24	168	20	1	213	277	200	0	477	0	0	1179
% App. Total	25.2	74.8	0		11.3	78.9	9.4	0.5		58.1	41.9	0				
PHF	.732	.855	.000	.948	1.000	.913	.714	.250	.903	.877	.909	.000	.954	.000	.000	.957



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Start Time	7th Ave S Southbound				north frontage rd Westbound					7th Ave S Northbound				ramp to I-494 WB Eastbound		Int. Total
	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Peds	App. Total	Peds	App. Total	
Peak Hour Analysis From 15:00 to 18:45 - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 17:00																
17:00	47	39	0	86	17	36	5	0	58	51	104	0	155	1	1	300
17:15	43	42	0	85	4	37	10	0	51	48	83	0	131	0	0	267
17:30	34	49	0	83	8	31	12	3	54	50	109	0	159	0	0	296
17:45	34	39	0	73	9	47	12	1	69	64	88	0	152	0	0	294
Total Volume	158	169	0	327	38	151	39	4	232	213	384	0	597	1	1	1157
% App. Total	48.3	51.7	0		16.4	65.1	16.8	1.7		35.7	64.3	0		100		
PHF	.840	.862	.000	.951	.559	.803	.813	.333	.841	.832	.881	.000	.939	.250	.250	.964

