

Short Elliott Hendrickson Inc.

3535 Vadnais Center Drive
St. Paul, MN 55110

"Building a Better World for All of Us"



TRAFFIC DATA

I-494 & 7th Ave N Ramp

Ref.Pt.: 65.231

Data By: Short Elliott Hendrickson, Inc.

TURN MOVEMENT COUNT

File Name : I-494 & 7th Ave N Ramp 2019

Site Code : 9b

Start Date : 4/25/2019

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	7th Ave Southbound					I-494 Westbound Ramp Westbound					7th Ave Northbound					I-494 Westbound Ramp 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	
06:00	0	26	58	0	84	0	46	1	0	47	54	17	0	0	71	0	0	0	0	0	202
06:15	0	21	68	0	89	0	51	1	1	53	51	14	0	0	65	0	0	0	0	0	207
06:30	0	26	88	0	114	0	56	1	0	57	61	38	0	0	99	0	0	0	0	0	270
06:45	0	27	97	0	124	1	53	1	0	55	69	67	0	0	136	0	0	0	2	2	317
Total	0	100	311	0	411	1	206	4	1	212	235	136	0	0	371	0	0	0	2	2	996
07:00	0	41	93	0	134	0	47	1	0	48	65	43	0	0	108	0	0	0	0	0	290
07:15	0	51	107	0	158	1	56	3	0	60	68	50	0	0	118	0	0	0	0	0	336
07:30	0	55	133	0	188	0	54	1	0	55	72	82	0	0	154	0	0	0	0	0	397
07:45	0	62	108	0	170	0	45	2	0	47	50	77	0	0	127	0	0	0	0	0	344
Total	0	209	441	0	650	1	202	7	0	210	255	252	0	0	507	0	0	0	0	0	1367
08:00	0	50	75	0	125	1	47	1	0	49	43	57	0	0	100	0	0	0	1	1	275
08:15	0	53	58	0	111	0	49	1	0	50	55	59	0	0	114	0	0	0	0	0	275
08:30	0	39	54	1	94	1	44	4	0	49	50	51	0	0	101	0	0	0	0	0	244
08:45	0	37	34	0	71	0	70	2	0	72	41	59	0	0	100	0	0	0	0	0	243
Total	0	179	221	1	401	2	210	8	0	220	189	226	0	0	415	0	0	0	1	1	1037
09:00	0	24	42	0	66	1	48	1	0	50	68	42	0	0	110	0	0	0	0	0	226
09:15	0	34	34	0	68	0	33	1	0	34	45	41	0	0	86	0	0	0	0	0	188
09:30	0	30	42	0	72	0	30	0	0	30	30	44	0	0	74	0	0	0	0	0	176
09:45	0	25	30	0	55	0	31	3	0	34	36	50	0	0	86	0	0	0	0	0	175
Total	0	113	148	0	261	1	142	5	0	148	179	177	0	0	356	0	0	0	0	0	765
10:00	0	39	26	0	65	0	26	4	0	30	36	46	0	0	82	0	0	0	0	0	177
10:15	0	34	36	0	70	0	29	4	0	33	26	50	0	0	76	0	0	0	0	0	179
10:30	0	36	34	0	70	1	33	1	1	36	34	40	0	0	74	0	0	0	0	0	180
10:45	0	38	28	0	66	0	29	1	0	30	44	60	0	0	104	0	0	0	0	0	200
Total	0	147	124	0	271	1	117	10	1	129	140	196	0	0	336	0	0	0	0	0	736
11:00	0	38	28	0	66	1	25	0	0	26	41	44	0	0	85	0	0	0	0	0	177
11:15	1	39	37	0	77	0	34	4	0	38	44	58	1	0	103	0	0	0	0	0	218
11:30	0	54	44	0	98	0	27	1	0	28	38	57	0	0	95	0	0	0	0	0	221
11:45	0	52	33	0	85	0	38	2	0	40	36	54	0	0	90	0	0	0	0	0	215
Total	1	183	142	0	326	1	124	7	0	132	159	213	1	0	373	0	0	0	0	0	831
12:00	0	40	75	0	115	1	35	4	0	40	43	59	0	0	102	0	0	0	0	0	257
12:15	0	34	41	0	75	0	35	1	0	36	32	66	0	0	98	0	0	0	0	0	209
12:30	0	40	34	0	74	2	33	0	0	35	43	53	0	0	96	0	0	0	0	0	205
12:45	0	42	40	0	82	0	30	3	0	33	41	55	0	0	96	0	0	0	0	0	211
Total	0	156	190	0	346	3	133	8	0	144	159	233	0	0	392	0	0	0	0	0	882
13:00	0	41	36	0	77	1	24	2	0	27	35	64	0	0	99	0	0	0	0	0	203
13:15	0	49	37	0	86	1	26	3	0	30	40	57	0	0	97	0	0	0	0	0	213
13:30	0	48	35	0	83	1	41	1	0	43	39	52	0	0	91	0	0	0	0	0	217
13:45	0	48	32	0	80	0	29	1	0	30	36	63	0	0	99	0	0	0	1	1	210
Total	0	186	140	0	326	3	120	7	0	130	150	236	0	0	386	0	0	0	1	1	843

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Start Time	7th Ave Southbound					I-494 Westbound Ramp Westbound					7th Ave Northbound					I-494 Westbound Ramp 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	
14:00	0	47	46	0	93	1	25	2	0	28	46	79	0	0	125	0	0	0	0	0	246
14:15	0	46	34	0	80	0	33	3	0	36	38	88	0	0	126	0	0	0	0	0	242
14:30	0	92	55	0	147	0	35	3	0	38	33	104	0	0	137	0	0	0	0	0	322
14:45	0	74	52	0	126	1	51	4	0	56	52	79	0	0	131	0	0	0	0	0	313
Total	0	259	187	0	446	2	144	12	0	158	169	350	0	0	519	0	0	0	0	0	1123
15:00	0	79	59	0	138	0	40	3	3	46	47	92	0	0	139	0	0	0	1	1	324
15:15	0	54	57	0	111	0	44	0	4	48	41	93	0	0	134	0	0	0	0	0	293
15:30	0	63	52	0	115	0	50	3	1	54	51	98	0	0	149	0	0	0	0	0	318
15:45	0	86	51	0	137	0	46	4	0	50	67	90	0	0	157	0	0	0	2	2	346
Total	0	282	219	0	501	0	180	10	8	198	206	373	0	0	579	0	0	0	3	3	1281
16:00	0	73	38	0	111	1	61	4	0	66	41	94	0	0	135	0	0	0	0	0	312
16:15	0	80	42	0	122	0	43	4	1	48	28	84	0	0	112	0	0	0	0	0	282
16:30	0	65	53	0	118	1	43	1	0	45	41	92	0	0	133	0	0	0	1	1	297
16:45	0	70	50	0	120	2	39	4	0	45	46	88	0	0	134	0	0	0	0	0	299
Total	0	288	183	0	471	4	186	13	1	204	156	358	0	0	514	0	0	0	1	1	1190
17:00	0	57	64	0	121	0	52	2	0	54	53	78	0	0	131	0	0	0	1	1	307
17:15	0	63	31	0	94	0	48	5	0	53	48	74	0	0	122	0	0	0	0	0	269
17:30	0	54	36	0	90	1	48	6	1	56	43	78	0	0	121	0	0	0	0	0	267
17:45	0	49	44	0	93	2	47	3	0	52	48	90	0	0	138	0	0	0	1	1	284
Total	0	223	175	0	398	3	195	16	1	215	192	320	0	0	512	0	0	0	2	2	1127
18:00	0	51	41	1	93	2	46	1	2	51	45	91	0	0	136	0	0	0	4	4	284
18:15	0	59	36	0	95	0	41	5	0	46	28	103	0	0	131	0	0	0	0	0	272
18:30	0	55	40	0	95	0	34	1	3	38	36	85	0	0	121	0	0	0	1	1	255
18:45	0	52	39	0	91	0	29	0	0	29	33	81	0	0	114	0	0	0	0	0	234
Total	0	217	156	1	374	2	150	7	5	164	142	360	0	0	502	0	0	0	5	5	1045
Grand Total	1	2542	2637	2	5182	24	2109	114	17	2264	2331	3430	1	0	5762	0	0	0	15	15	13223
Apprch %	0	49.1	50.9	0		1.1	93.2	5	0.8		40.5	59.5	0	0		0	0	0	100		
Total %	0	19.2	19.9	0	39.2	0.2	15.9	0.9	0.1	17.1	17.6	25.9	0	0	43.6	0	0	0	0.1	0.1	
Vehicles	0	2448	2612				2006				2294	3363							93.3	93.3	12846
% Vehicles	0	96.3	99.1	50	97.7	95.8	95.1	60.5	94.1	93.4	98.4	98	0	0	98.2	0	0	0	93.3	93.3	97.1
Trucks	1	94	25	1	121	1	103	45	1	150	37	67	1	0	105	0	0	0	1	1	377
% Trucks	100	3.7	0.9	50	2.3	4.2	4.9	39.5	5.9	6.6	1.6	2	100	0	1.8	0	0	0	6.7	6.7	2.9

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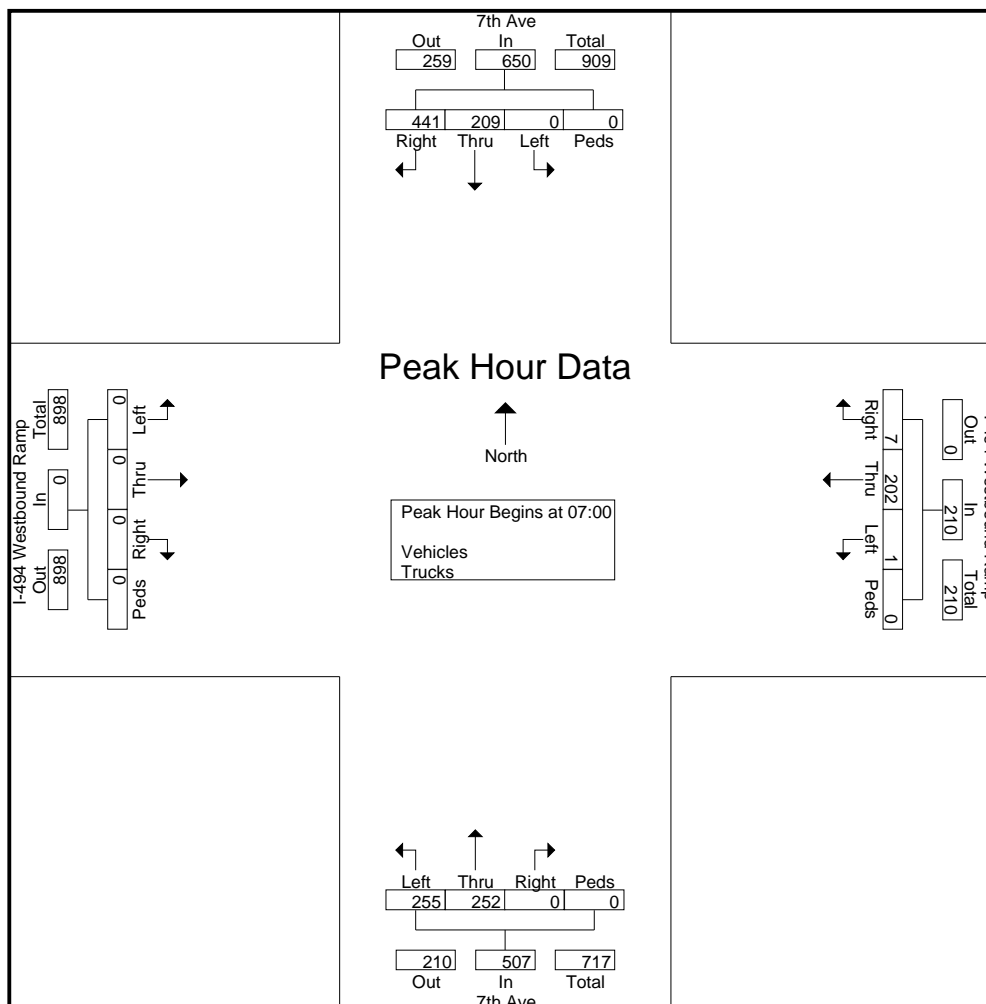
File Name : I-494 & 7th Ave N Ramp 2019

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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 07:00																					
07:00	0	41	93	0	134	0	47	1	0	48	65	43	0	0	108	0	0	0	0	0	290
07:15	0	51	107	0	158	1	56	3	0	60	68	50	0	0	118	0	0	0	0	0	336
07:30	0	55	133	0	188	0	54	1	0	55	72	82	0	0	154	0	0	0	0	0	397
07:45	0	62	108	0	170	0	45	2	0	47	50	77	0	0	127	0	0	0	0	0	344
Total Volume	0	209	441	0	650	1	202	7	0	210	255	252	0	0	507	0	0	0	0	0	1367
% App. Total	0	32.2	67.8	0		0.5	96.2	3.3	0		50.3	49.7	0	0		0	0	0	0		
PHF	.000	.843	.829	.000	.864	.250	.902	.583	.000	.875	.885	.768	.000	.000	.823	.000	.000	.000	.000	.000	.861



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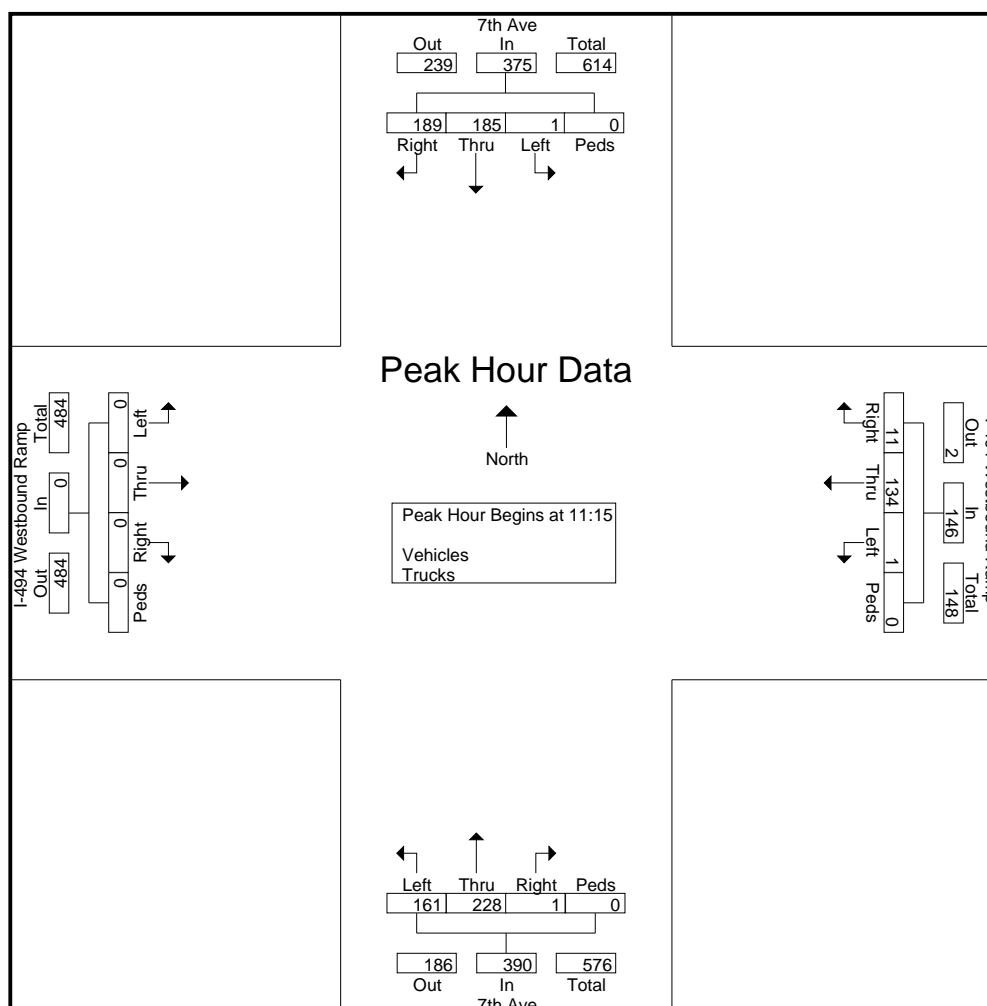
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 11:00 to 12:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:15																					
11:15	1	39	37	0	77	0	34	4	0	38	44	58	1	0	103	0	0	0	0	0	218
11:30	0	54	44	0	98	0	27	1	0	28	38	57	0	0	95	0	0	0	0	0	221
11:45	0	52	33	0	85	0	38	2	0	40	36	54	0	0	90	0	0	0	0	0	215
12:00	0	40	75	0	115	1	35	4	0	40	43	59	0	0	102	0	0	0	0	0	257
Total Volume	1	185	189	0	375	1	134	11	0	146	161	228	1	0	390	0	0	0	0	0	911
% App. Total	0.3	49.3	50.4	0		0.7	91.8	7.5	0		41.3	58.5	0.3	0		0	0	0	0		
PHF	.250	.856	.630	.000	.815	.250	.882	.688	.000	.913	.915	.966	.250	.000	.947	.000	.000	.000	.000	.000	.886



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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 17:45 - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 15:00																					
15:00	0	79	59	0	138	0	40	3	3	46	47	92	0	0	139	0	0	0	1	1	324
15:15	0	54	57	0	111	0	44	0	4	48	41	93	0	0	134	0	0	0	0	0	293
15:30	0	63	52	0	115	0	50	3	1	54	51	98	0	0	149	0	0	0	0	0	318
15:45	0	86	51	0	137	0	46	4	0	50	67	90	0	0	157	0	0	0	2	2	346
Total Volume	0	282	219	0	501	0	180	10	8	198	206	373	0	0	579	0	0	0	3	3	1281
% App. Total	0	56.3	43.7	0		0	90.9	5.1	4		35.6	64.4	0	0		0	0	0	100		
PHF	.000	.820	.928	.000	.908	.000	.900	.625	.500	.917	.769	.952	.000	.000	.922	.000	.000	.000	.375	.375	.926

