

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 S Ramp

Ref.Pt.: 65.232

Data By: Short Elliott Hendrickson, Inc.

TURN MOVEMENT COUNT

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

Site Code : 9a

Start Date : 4/25/2019

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	7th Ave Southbound					I-494 Eastbound Ramp Westbound					7th Ave Northbound					I-494 Eastbound 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	7	18	0	0	25	0	0	0	0	0	0	56	6	0	62	10	15	16	0	41	128
06:15	7	15	0	0	22	0	0	0	1	1	0	60	2	0	62	9	19	22	0	50	135
06:30	11	15	0	0	26	0	0	0	0	0	0	80	4	0	84	20	18	29	1	68	178
06:45	9	19	0	1	29	0	0	0	0	0	0	92	2	1	95	38	13	39	1	91	215
Total	34	67	0	1	102	0	0	0	1	1	0	288	14	1	303	77	65	106	2	250	656
07:00	12	27	0	0	39	0	0	0	0	0	0	93	2	0	95	20	14	21	0	55	189
07:15	11	40	0	0	51	0	0	0	0	0	0	89	0	0	89	26	8	28	0	62	202
07:30	17	39	0	0	56	0	0	0	0	0	0	120	4	0	124	37	17	37	0	91	271
07:45	11	49	0	0	60	0	0	0	0	0	0	82	2	0	84	40	19	28	0	87	231
Total	51	155	0	0	206	0	0	0	0	0	0	384	8	0	392	123	58	114	0	295	893
08:00	11	39	0	0	50	0	0	0	0	0	0	76	5	0	81	27	17	39	1	84	215
08:15	8	46	0	0	54	0	0	0	0	0	0	89	4	0	93	24	20	29	0	73	220
08:30	15	24	0	0	39	0	0	0	0	0	0	77	4	0	81	24	23	26	0	73	193
08:45	4	35	0	0	39	0	0	0	0	0	0	72	7	0	79	28	38	41	0	107	225
Total	38	144	0	0	182	0	0	0	0	0	0	314	20	0	334	103	98	135	1	337	853
09:00	7	17	0	0	24	0	0	0	0	0	0	80	4	0	84	24	10	27	0	61	169
09:15	7	27	0	0	34	0	0	0	0	0	0	61	2	0	63	29	18	30	0	77	174
09:30	7	24	0	0	31	0	0	0	0	0	0	44	5	0	49	28	21	38	0	87	167
09:45	5	22	0	0	27	0	0	0	0	0	0	61	5	0	66	28	17	42	0	87	180
Total	26	90	0	0	116	0	0	0	0	0	0	246	16	0	262	109	66	137	0	312	690
10:00	9	28	0	0	37	0	0	0	0	0	0	50	3	0	53	26	19	28	0	73	163
10:15	11	24	0	0	35	0	0	0	0	0	0	49	11	0	60	29	17	23	0	69	164
10:30	6	34	0	0	40	0	0	0	1	1	0	59	9	1	69	21	12	35	0	68	178
10:45	11	23	0	0	34	0	0	0	0	0	0	71	5	0	76	29	14	32	0	75	185
Total	37	109	0	0	146	0	0	0	1	1	0	229	28	1	258	105	62	118	0	285	690
11:00	8	32	0	0	40	0	0	0	0	0	0	62	12	0	74	24	10	25	0	59	173
11:15	4	35	0	0	39	0	0	0	0	0	0	65	10	0	75	34	10	25	0	69	183
11:30	11	43	0	0	54	0	0	0	0	0	0	65	12	0	77	29	27	35	0	91	222
11:45	15	37	0	1	53	0	0	0	0	0	0	60	9	0	69	27	21	37	0	85	207
Total	38	147	0	1	186	0	0	0	0	0	0	252	43	0	295	114	68	122	0	304	785
12:00	12	30	0	0	42	0	0	0	0	0	0	70	11	0	81	34	21	32	0	87	210
12:15	8	27	0	0	35	0	0	0	0	0	0	48	7	0	55	45	28	39	0	112	202
12:30	11	35	0	0	46	0	0	0	0	0	0	65	12	0	77	34	22	43	0	99	222
12:45	7	30	0	0	37	0	0	0	0	0	0	64	11	0	75	30	17	46	0	93	205
Total	38	122	0	0	160	0	0	0	0	0	0	247	41	0	288	143	88	160	0	391	839
13:00	7	37	0	0	44	0	0	0	0	0	0	54	7	0	61	40	22	31	0	93	198
13:15	11	39	0	1	51	0	0	0	0	0	0	67	11	1	79	28	18	39	0	85	215
13:30	12	40	0	0	52	0	0	0	0	0	0	69	8	0	77	25	18	32	0	75	204
13:45	14	34	0	0	48	0	0	0	0	0	0	56	10	0	66	43	18	43	1	105	219
Total	44	150	0	1	195	0	0	0	0	0	0	246	36	1	283	136	76	145	1	358	836

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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	
14:00	11	39	0	0	50	0	0	0	0	0	0	83	14	0	97	46	21	43	0	110	257
14:15	18	28	0	0	46	0	0	0	0	0	0	71	13	0	84	48	28	53	0	129	259
14:30	20	72	0	0	92	0	0	0	0	0	0	70	7	0	77	63	22	44	0	129	298
14:45	14	61	0	0	75	0	0	0	0	0	0	90	11	0	101	40	20	56	0	116	292
Total	63	200	0	0	263	0	0	0	0	0	0	314	45	0	359	197	91	196	0	484	1106
15:00	20	62	0	3	85	0	0	0	0	0	0	87	8	0	95	55	35	50	1	141	321
15:15	16	35	0	0	51	0	0	0	4	4	0	75	7	3	85	48	30	58	0	136	276
15:30	14	49	0	0	63	0	0	0	1	1	0	95	12	0	107	50	33	56	0	139	310
15:45	20	66	0	0	86	0	0	0	0	0	0	104	7	0	111	53	33	63	0	149	346
Total	70	212	0	3	285	0	0	0	5	5	0	361	34	3	398	206	131	227	1	565	1253
16:00	10	64	0	0	74	0	0	0	0	0	0	78	12	0	90	45	25	46	2	118	282
16:15	16	66	0	0	82	0	0	0	1	1	0	76	5	0	81	36	28	26	0	90	254
16:30	12	53	0	0	65	0	0	0	0	0	0	87	18	1	106	45	26	23	1	95	266
16:45	14	57	0	0	71	0	0	0	0	0	0	92	16	0	108	43	21	34	0	98	277
Total	52	240	0	0	292	0	0	0	1	1	0	333	51	1	385	169	100	129	3	401	1079
17:00	10	47	0	1	58	0	0	0	0	0	0	91	14	0	105	39	13	32	0	84	247
17:15	13	49	0	0	62	0	0	0	0	0	0	99	16	2	117	25	19	27	0	71	250
17:30	13	43	0	0	56	0	0	0	3	3	0	61	11	0	72	49	24	41	0	114	245
17:45	10	40	0	0	50	0	0	0	0	0	0	85	4	0	89	48	40	47	5	140	279
Total	46	179	0	1	226	0	0	0	3	3	0	336	45	2	383	161	96	147	5	409	1021
18:00	13	40	0	0	53	0	0	0	2	2	0	84	13	0	97	57	32	62	2	153	305
18:15	14	46	0	0	60	0	0	0	3	3	0	67	19	0	86	62	35	41	1	139	288
18:30	17	38	0	0	55	0	0	0	1	1	0	71	13	0	84	54	24	51	1	130	270
18:45	13	38	0	0	51	0	0	0	1	1	0	64	3	0	67	50	20	32	0	102	221
Total	57	162	0	0	219	0	0	0	7	7	0	286	48	0	334	223	111	186	4	524	1084
Grand Total	594	1977	0	7	2578	0	0	0	18	18	0	3836	429	9	4274	1866	1110	1922	17	4915	11785
Apprch %	23	76.7	0	0.3		0	0	0	100		0	89.8	10	0.2		38	22.6	39.1	0.3		
Total %	5	16.8	0	0.1	21.9	0	0	0	0.2	0.2	0	32.5	3.6	0.1	36.3	15.8	9.4	16.3	0.1	41.7	
Vehicles	541	1935				0	0	0	94.4	94.4		3771				1825	1069	1877			11475
% Vehicles	91.1	97.9	0	85.7	96.3						0	98.3	95.6	100	98	97.8	96.3	97.7	88.2	97.4	97.4
Trucks	53	42	0	1	96	0	0	0	1	1	0	65	19	0	84	41	41	45	2	129	310
% Trucks	8.9	2.1	0	14.3	3.7	0	0	0	5.6	5.6	0	1.7	4.4	0	2	2.2	3.7	2.3	11.8	2.6	2.6

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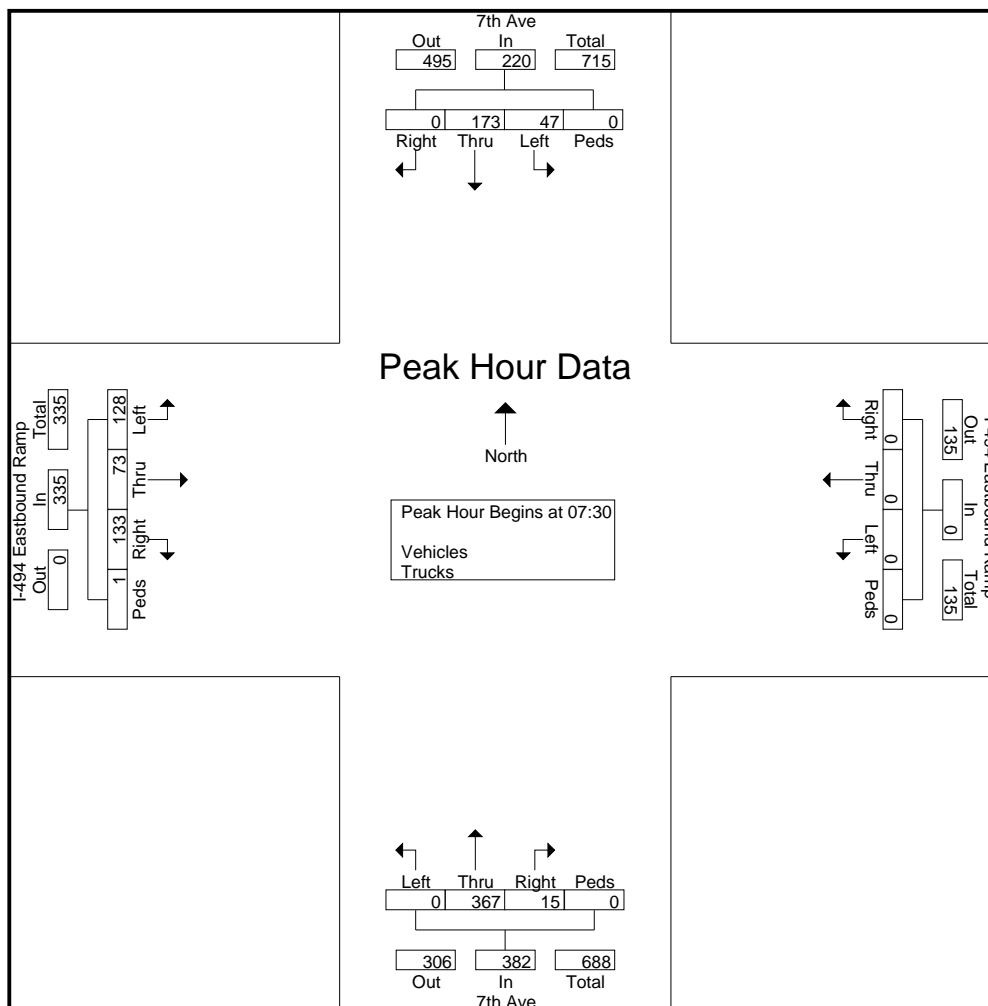
File Name : I-494 & 7th Ave S Ramp 2019

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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 07:30																					
07:30	17	39	0	0	56	0	0	0	0	0	0	120	4	0	124	37	17	37	0	91	271
07:45	11	49	0	0	60	0	0	0	0	0	0	82	2	0	84	40	19	28	0	87	231
08:00	11	39	0	0	50	0	0	0	0	0	0	76	5	0	81	27	17	39	1	84	215
08:15	8	46	0	0	54	0	0	0	0	0	0	89	4	0	93	24	20	29	0	73	220
Total Volume	47	173	0	0	220	0	0	0	0	0	0	367	15	0	382	128	73	133	1	335	937
% App. Total	21.4	78.6	0	0		0	0	0	0		0	96.1	3.9	0		38.2	21.8	39.7	0.3		
PHF	.691	.883	.000	.000	.917	.000	.000	.000	.000	.000	.000	.765	.750	.000	.770	.800	.913	.853	.250	.920	.864



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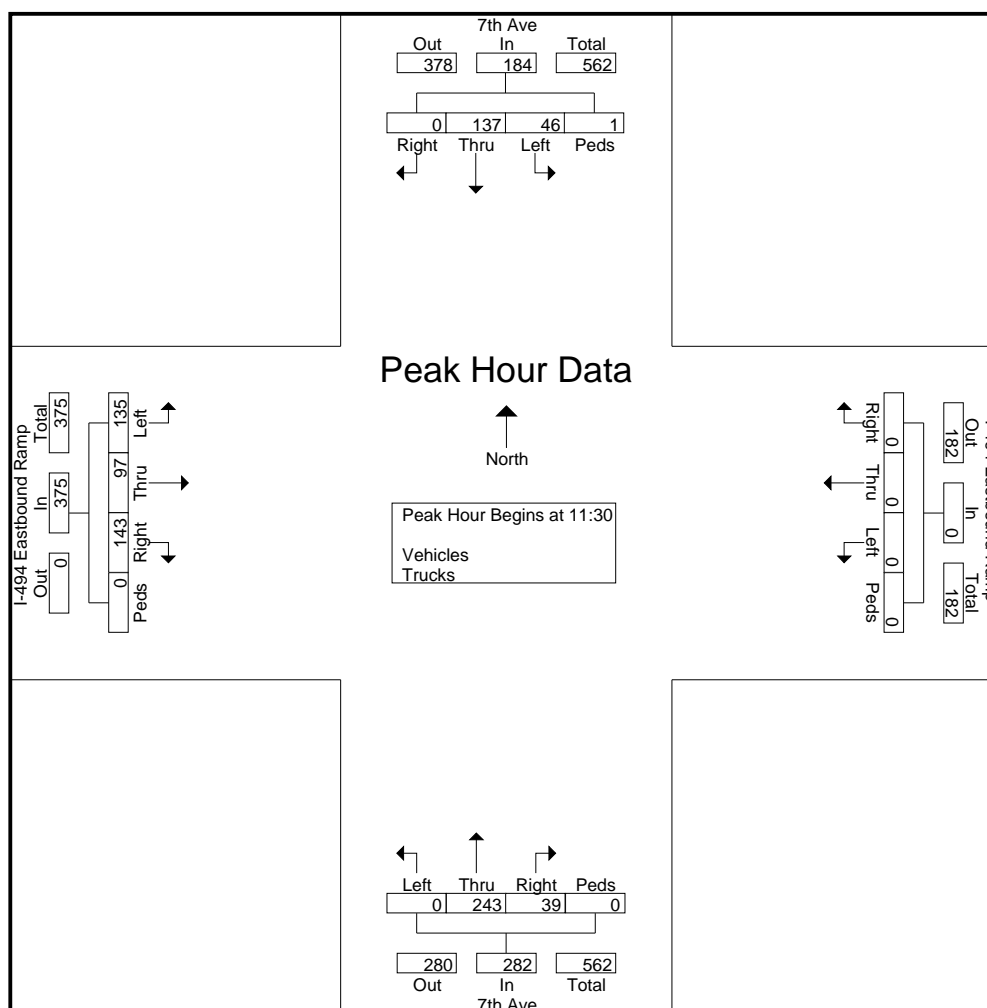
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 11:00 to 12:45 - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 11:30																					
11:30	11	43	0	0	54	0	0	0	0	0	0	65	12	0	77	29	27	35	0	91	222
11:45	15	37	0	1	53	0	0	0	0	0	0	60	9	0	69	27	21	37	0	85	207
12:00	12	30	0	0	42	0	0	0	0	0	0	70	11	0	81	34	21	32	0	87	210
12:15	8	27	0	0	35	0	0	0	0	0	0	48	7	0	55	45	28	39	0	112	202
Total Volume	46	137	0	1	184	0	0	0	0	0	0	243	39	0	282	135	97	143	0	375	841
% App. Total	25	74.5	0	0.5		0	0	0	0		0	86.2	13.8	0		36	25.9	38.1	0		
PHF	.767	.797	.000	.250	.852	.000	.000	.000	.000	.000	.000	.868	.813	.000	.870	.750	.866	.917	.000	.837	.947



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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	20	62	0	3	85	0	0	0	0	0	0	87	8	0	95	55	35	50	1	141	321
15:15	16	35	0	0	51	0	0	0	4	4	0	75	7	3	85	48	30	58	0	136	276
15:30	14	49	0	0	63	0	0	0	1	1	0	95	12	0	107	50	33	56	0	139	310
15:45	20	66	0	0	86	0	0	0	0	0	0	104	7	0	111	53	33	63	0	149	346
Total Volume	70	212	0	3	285	0	0	0	5	5	0	361	34	3	398	206	131	227	1	565	1253
% App. Total	24.6	74.4	0	1.1		0	0	0	100		0	90.7	8.5	0.8		36.5	23.2	40.2	0.2		
PHF	.875	.803	.000	.250	.828	.000	.000	.000	.313	.313	.000	.868	.708	.250	.896	.936	.936	.901	.250	.948	.905

