

Short Elliott Hendrickson Inc.

3535 Vadnais Center Drive
St. Paul, MN 55110

"Building a Better World for All of Us"



TRAFFIC DATA

TH 52 & Thompson Ave W Ramp

Ref.Pt.: 127.634

Data By: Short Elliott Hendrickson, Inc.

TURN MOVEMENT COUNT

File Name : TH 52 & Thompson Ave W Ramp 2019

Site Code : 5a

Start Date : 5/2/2019

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	Southbound					Westbound					Northbound					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	6	11	26	0	43	7	15	0	0	22	0	0	0	0	0	0	28	5	0	33	98
06:15	4	19	35	0	58	11	20	0	0	31	0	0	0	0	0	0	41	14	0	55	144
06:30	3	18	39	0	60	15	17	0	0	32	0	0	0	0	0	0	35	20	0	55	147
06:45	7	19	47	1	74	18	51	0	0	69	0	0	0	0	0	0	40	8	0	48	191
Total	20	67	147	1	235	51	103	0	0	154	0	0	0	0	0	0	144	47	0	191	580
07:00	11	27	62	0	100	34	39	0	0	73	0	0	0	0	0	0	43	17	0	60	233
07:15	6	38	59	0	103	33	63	0	0	96	0	0	0	0	0	0	39	28	0	67	266
07:30	15	46	52	0	113	28	72	0	0	100	0	0	0	1	1	0	49	28	0	77	291
07:45	11	35	63	0	109	28	62	0	0	90	0	0	0	0	0	0	42	26	0	68	267
Total	43	146	236	0	425	123	236	0	0	359	0	0	0	1	1	0	173	99	0	272	1057
08:00	20	25	47	1	93	17	38	0	0	55	0	0	0	0	0	0	43	25	0	68	216
08:15	10	39	53	0	102	20	52	0	0	72	0	0	0	0	0	0	40	17	0	57	231
08:30	7	24	51	1	83	17	43	0	0	60	0	0	0	0	0	0	39	25	0	64	207
08:45	10	27	57	0	94	17	36	0	0	53	0	0	0	0	0	0	31	16	0	47	194
Total	47	115	208	2	372	71	169	0	0	240	0	0	0	0	0	0	153	83	0	236	848
09:00	8	22	41	0	71	15	36	0	0	51	0	0	0	0	0	0	31	18	0	49	171
09:15	9	23	44	0	76	11	37	0	0	48	0	0	0	0	0	0	48	17	0	65	189
09:30	5	24	37	0	66	15	35	0	0	50	0	0	0	0	0	0	38	19	0	57	173
09:45	10	26	58	0	94	20	33	0	0	53	0	0	0	0	0	0	55	25	0	80	227
Total	32	95	180	0	307	61	141	0	0	202	0	0	0	0	0	0	172	79	0	251	760
10:00	14	16	39	0	69	15	37	0	0	52	0	0	0	0	0	0	46	12	0	58	179
10:15	9	24	34	0	67	12	37	0	0	49	0	0	0	0	0	0	53	22	0	75	191
10:30	6	31	44	0	81	8	40	0	0	48	0	0	0	0	0	0	47	22	0	69	198
10:45	6	37	66	1	110	13	44	0	0	57	0	0	0	0	0	0	46	22	0	68	235
Total	35	108	183	1	327	48	158	0	0	206	0	0	0	0	0	0	192	78	0	270	803
11:00	7	39	52	0	98	14	35	0	0	49	0	0	0	0	0	0	52	21	0	73	220
11:15	13	32	56	0	101	11	31	0	0	42	0	0	0	0	0	0	58	19	0	77	220
11:30	10	33	66	0	109	8	30	0	0	38	0	0	0	0	0	0	63	27	0	90	237
11:45	10	33	63	0	106	6	26	0	0	32	0	0	0	0	0	0	57	19	0	76	214
Total	40	137	237	0	414	39	122	0	0	161	0	0	0	0	0	0	230	86	0	316	891
12:00	5	47	58	0	110	15	40	0	0	55	0	0	0	0	0	0	66	29	0	95	260
12:15	10	36	64	0	110	4	57	0	0	61	0	0	0	0	0	0	65	25	0	90	261
12:30	10	64	80	1	155	10	41	0	0	51	0	0	0	0	0	0	76	19	0	95	301
12:45	16	43	69	0	128	14	32	0	0	46	0	0	0	0	0	0	63	26	0	89	263
Total	41	190	271	1	503	43	170	0	0	213	0	0	0	0	0	0	270	99	0	369	1085
13:00	11	27	60	0	98	17	39	0	0	56	0	0	0	0	0	0	72	22	0	94	248
13:15	13	36	59	0	108	10	43	0	0	53	0	0	0	0	0	0	62	19	0	81	242
13:30	8	47	63	0	118	7	43	0	0	50	0	0	0	0	0	0	71	26	0	97	265
13:45	14	52	49	0	115	15	47	0	0	62	0	0	0	0	0	0	51	17	0	68	245
Total	46	162	231	0	439	49	172	0	0	221	0	0	0	0	0	0	256	84	0	340	1000

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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	16	32	64	0	112	13	31	0	0	44	0	0	0	0	0	0	85	26	0	111	267
14:15	27	47	52	0	126	9	44	0	0	53	0	0	0	0	0	0	84	23	0	107	286
14:30	18	45	50	0	113	12	42	0	0	54	0	0	0	0	0	0	90	26	0	116	283
14:45	24	46	49	1	120	12	40	0	0	52	0	0	0	0	0	0	69	34	0	103	275
Total	85	170	215	1	471	46	157	0	0	203	0	0	0	0	0	0	328	109	0	437	1111
15:00	19	47	70	0	136	19	46	0	0	65	0	0	0	0	0	0	69	39	0	108	309
15:15	24	57	59	1	141	15	40	0	0	55	0	0	0	1	1	0	66	41	2	109	306
15:30	33	59	61	0	153	17	55	0	0	72	0	0	0	0	0	0	77	24	1	102	327
15:45	21	59	66	1	147	19	44	0	0	63	0	0	0	0	0	0	67	32	0	99	309
Total	97	222	256	2	577	70	185	0	0	255	0	0	0	1	1	0	279	136	3	418	1251
16:00	27	47	63	0	137	13	51	0	0	64	0	0	0	0	0	0	81	23	0	104	305
16:15	47	47	58	0	152	17	47	0	0	64	0	0	0	0	0	0	71	34	0	105	321
16:30	27	56	64	0	147	15	45	0	0	60	0	0	0	0	0	0	89	33	0	122	329
16:45	30	59	60	2	151	15	52	0	0	67	0	0	0	0	0	0	76	30	0	106	324
Total	131	209	245	2	587	60	195	0	0	255	0	0	0	0	0	0	317	120	0	437	1279
17:00	39	73	62	0	174	22	39	0	0	61	0	0	0	0	0	0	73	46	0	119	354
17:15	20	43	48	2	113	12	56	0	0	68	0	0	0	1	1	0	76	31	0	107	289
17:30	29	53	52	0	134	21	43	0	0	64	0	0	0	0	0	0	88	30	0	118	316
17:45	26	67	61	1	155	11	39	0	0	50	0	0	0	0	0	0	71	32	0	103	308
Total	114	236	223	3	576	66	177	0	0	243	0	0	0	1	1	0	308	139	0	447	1267
18:00	29	51	46	0	126	16	40	0	0	56	0	0	0	0	0	0	68	38	0	106	288
18:15	19	40	57	0	116	15	54	0	0	69	0	0	0	0	0	0	50	28	0	78	263
18:30	21	44	57	0	122	12	48	0	0	60	0	0	0	0	0	0	80	20	0	100	282
18:45	14	46	42	0	102	15	45	0	0	60	0	0	0	0	0	0	50	28	1	79	241
Total	83	181	202	0	466	58	187	0	0	245	0	0	0	0	0	0	248	114	1	363	1074
Grand Total	814	2038	2834	13	5699	785	2172	0	0	2957	0	0	0	3	3	0	3070	1273	4	4347	13006
Apprch %	14.3	35.8	49.7	0.2		26.5	73.5	0	0		0	0	0	100		0	70.6	29.3	0.1		
Total %	6.3	15.7	21.8	0.1	43.8	6	16.7	0	0	22.7	0	0	0	0	0	0	23.6	9.8	0	33.4	
Vehicles	799	1988	2782			2129											3000	1255			12733
% Vehicles	98.2	97.5	98.2	76.9	97.9	97.7	98	0	0	97.9	0	0	0	0	0	0	97.7	98.6	75	98	97.9
Trucks	15	50	52	3	120	18	43	0	0	61	0	0	0	3	3	0	70	18	1	89	273
% Trucks	1.8	2.5	1.8	23.1	2.1	2.3	2	0	0	2.1	0	0	0	100	100	0	2.3	1.4	25	2	2.1

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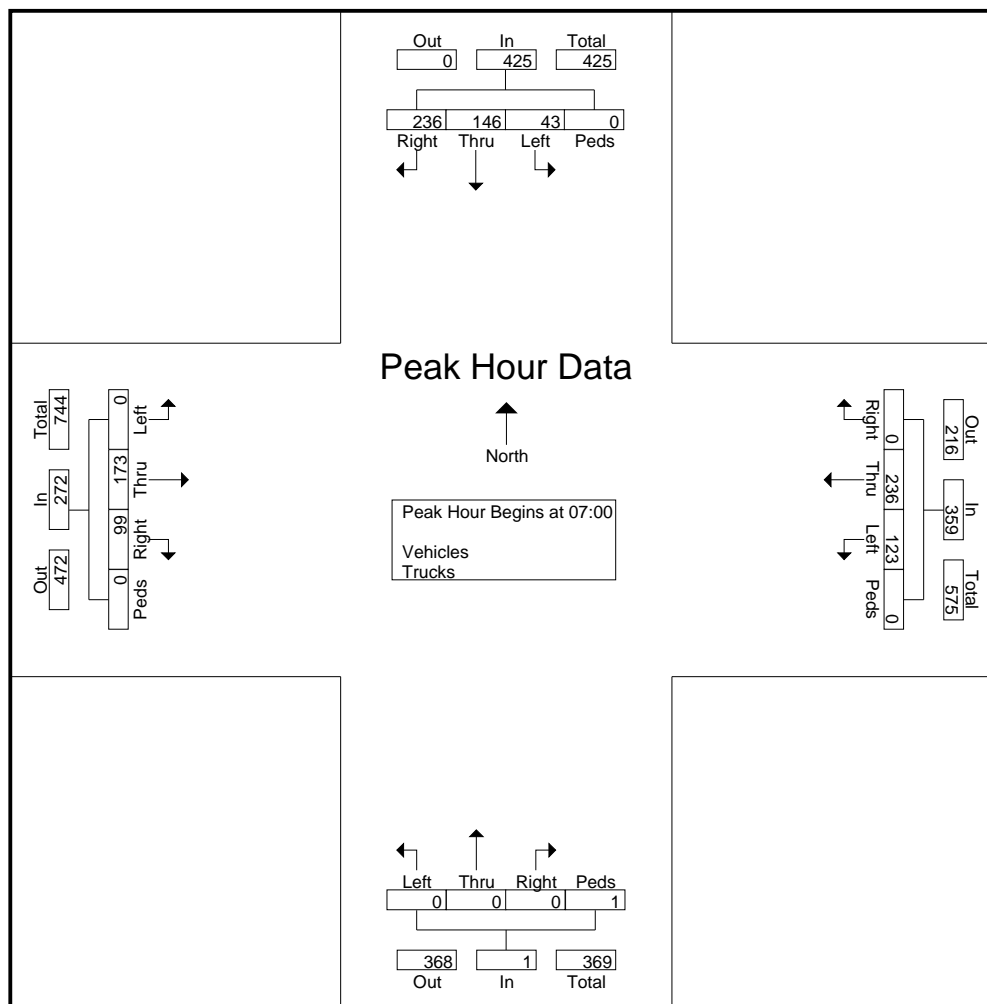
File Name : TH 52 & Thompson Ave W Ramp 2019

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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	11	27	62	0	100	34	39	0	0	73	0	0	0	0	0	0	43	17	0	60	233
07:15	6	38	59	0	103	33	63	0	0	96	0	0	0	0	0	0	39	28	0	67	266
07:30	15	46	52	0	113	28	72	0	0	100	0	0	0	1	1	0	49	28	0	77	291
07:45	11	35	63	0	109	28	62	0	0	90	0	0	0	0	0	0	42	26	0	68	267
Total Volume	43	146	236	0	425	123	236	0	0	359	0	0	0	1	1	0	173	99	0	272	1057
% App. Total	10.1	34.4	55.5	0		34.3	65.7	0	0		0	0	0	100		0	63.6	36.4	0		
PHF	.717	.793	.937	.000	.940	.904	.819	.000	.000	.898	.000	.000	.000	.250	.250	.000	.883	.884	.000	.883	.908



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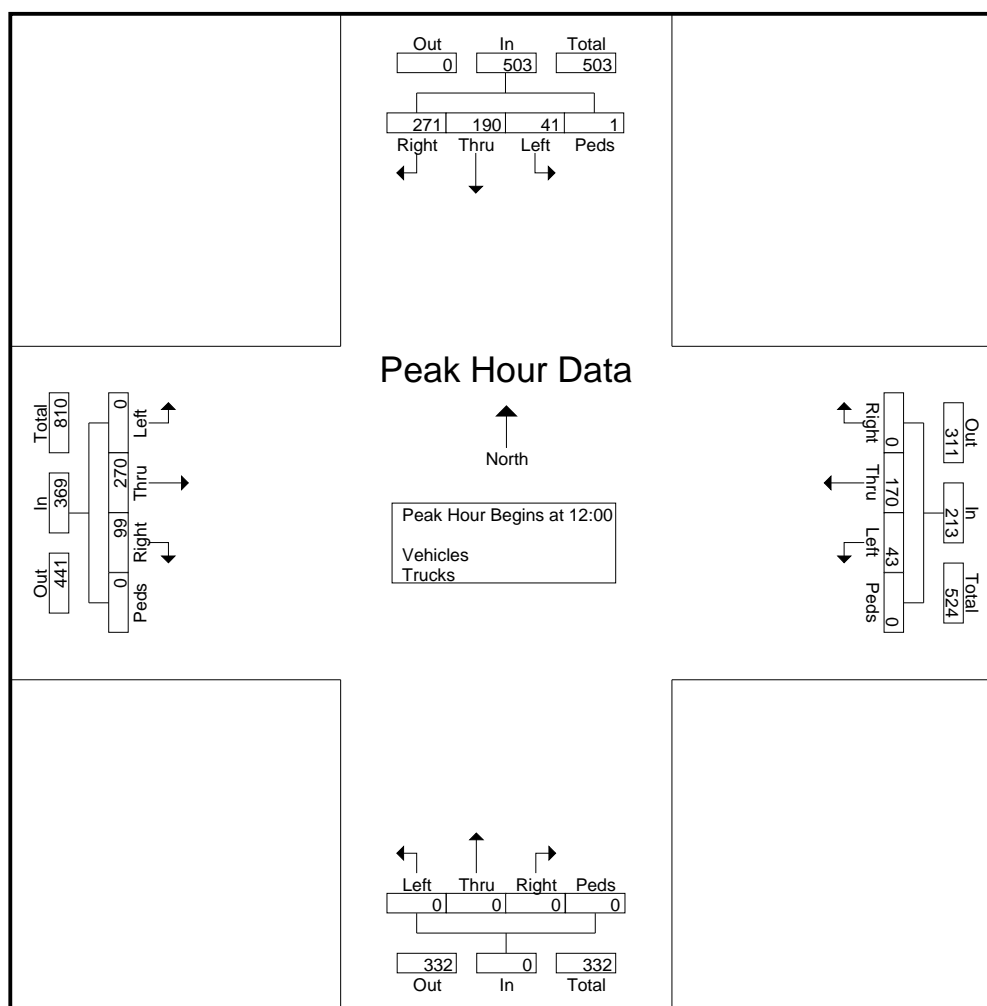
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 11:00 to 12:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00																					
12:00	5	47	58	0	110	15	40	0	0	55	0	0	0	0	0	0	66	29	0	95	260
12:15	10	36	64	0	110	4	57	0	0	61	0	0	0	0	0	0	65	25	0	90	261
12:30	10	64	80	1	155	10	41	0	0	51	0	0	0	0	0	0	76	19	0	95	301
12:45	16	43	69	0	128	14	32	0	0	46	0	0	0	0	0	0	63	26	0	89	263
Total Volume	41	190	271	1	503	43	170	0	0	213	0	0	0	0	0	0	270	99	0	369	1085
% App. Total	8.2	37.8	53.9	0.2		20.2	79.8	0	0		0	0	0	0	0	0	73.2	26.8	0		
PHF	.641	.742	.847	.250	.811	.717	.746	.000	.000	.873	.000	.000	.000	.000	.000	.000	.888	.853	.000	.971	.901



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Peak Hour Analysis From 15:00 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 16:15																					
16:15	47	47	58	0	152	17	47	0	0	64	0	0	0	0	0	0	71	34	0	105	321
16:30	27	56	64	0	147	15	45	0	0	60	0	0	0	0	0	0	89	33	0	122	329
16:45	30	59	60	2	151	15	52	0	0	67	0	0	0	0	0	0	76	30	0	106	324
17:00	39	73	62	0	174	22	39	0	0	61	0	0	0	0	0	0	73	46	0	119	354
Total Volume	143	235	244	2	624	69	183	0	0	252	0	0	0	0	0	0	309	143	0	452	1328
% App. Total	22.9	37.7	39.1	0.3		27.4	72.6	0	0		0	0	0	0	0	0	68.4	31.6	0		
PHF	.761	.805	.953	.250	.897	.784	.880	.000	.000	.940	.000	.000	.000	.000	.000	.000	.868	.777	.000	.926	.938

