

Short Elliott Hendrickson Inc.

3535 Vadnais Center Drive
St. Paul, MN 55110

"Building a Better World for All of Us"



TRAFFIC DATA

TH 52 & Southview Blvd W Ramp

Ref.Pt.: 126.925

Data By: Short Elliott Hendrickson, Inc.

TURN MOVEMENT COUNT

File Name : TH 52 & Southview Blvd W Ramp 2019

Site Code : 4a

Start Date : 4/25/2019

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	TH 52 Southbound Ramp Southbound					Southview Blvd Westbound					TH 52 Southbound Ramp Northbound					Southview Blvd 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	3	0	26	0	29	33	27	0	0	60	0	0	0	0	0	0	34	16	0	50	139
06:15	14	0	43	0	57	44	38	0	0	82	0	0	0	0	0	0	39	31	0	70	209
06:30	15	0	38	0	53	49	41	0	0	90	0	0	0	1	1	0	47	33	0	80	224
06:45	8	0	57	0	65	55	55	0	0	110	0	0	0	2	2	0	37	22	1	60	237
Total	40	0	164	0	204	181	161	0	0	342	0	0	0	3	3	0	157	102	1	260	809
07:00	11	0	55	0	66	65	65	0	0	130	0	0	0	0	0	0	55	32	0	87	283
07:15	22	0	52	1	75	73	82	0	0	155	0	0	0	0	0	0	46	36	0	82	312
07:30	18	1	42	0	61	85	84	0	0	169	0	0	0	0	0	0	83	49	0	132	362
07:45	17	0	57	0	74	80	90	0	0	170	0	0	0	0	0	0	63	35	0	98	342
Total	68	1	206	1	276	303	321	0	0	624	0	0	0	0	0	0	247	152	0	399	1299
08:00	17	1	79	0	97	46	76	0	0	122	0	0	0	0	0	0	54	27	0	81	300
08:15	13	0	72	0	85	55	90	0	0	145	0	0	0	0	0	0	62	39	0	101	331
08:30	15	0	49	0	64	42	73	0	0	115	0	0	0	0	0	0	59	29	0	88	267
08:45	18	0	57	0	75	36	77	0	0	113	0	0	0	0	0	0	46	27	0	73	261
Total	63	1	257	0	321	179	316	0	0	495	0	0	0	0	0	0	221	122	0	343	1159
09:00	18	0	51	0	69	22	61	0	0	83	0	0	0	0	0	0	49	38	0	87	239
09:15	11	1	51	0	63	24	60	0	0	84	0	0	0	1	1	0	66	37	0	103	251
09:30	18	1	62	0	81	39	72	0	0	111	0	0	0	0	0	0	58	36	0	94	286
09:45	16	0	46	0	62	29	78	0	0	107	0	0	0	0	0	0	59	23	0	82	251
Total	63	2	210	0	275	114	271	0	0	385	0	0	0	1	1	0	232	134	0	366	1027
10:00	24	0	40	0	64	26	61	0	0	87	0	0	0	1	1	0	73	30	0	103	255
10:15	19	1	44	0	64	24	80	0	0	104	0	0	0	1	1	0	63	32	1	96	265
10:30	34	1	34	0	69	21	89	0	0	110	0	0	0	0	0	0	66	37	0	103	282
10:45	13	0	49	0	62	18	68	0	1	87	0	0	0	0	0	0	60	37	0	97	246
Total	90	2	167	0	259	89	298	0	1	388	0	0	0	2	2	0	262	136	1	399	1048
11:00	13	0	51	0	64	25	96	0	0	121	0	0	0	0	0	0	74	32	0	106	291
11:15	14	0	58	0	72	17	78	0	0	95	0	0	0	0	0	0	69	45	0	114	281
11:30	21	0	57	0	78	24	116	0	0	140	0	0	0	1	1	0	86	53	0	139	358
11:45	23	0	68	0	91	20	102	0	0	122	0	0	0	0	0	0	93	43	0	136	349
Total	71	0	234	0	305	86	392	0	0	478	0	0	0	1	1	0	322	173	0	495	1279
12:00	15	0	47	0	62	23	121	0	0	144	0	0	0	1	1	0	95	47	0	142	349
12:15	23	0	56	0	79	24	113	0	0	137	0	0	0	0	0	0	106	51	0	157	373
12:30	18	0	53	0	71	20	91	0	0	111	0	0	0	0	0	0	78	56	0	134	316
12:45	19	0	51	0	70	22	101	0	0	123	0	0	0	0	0	0	92	44	0	136	329
Total	75	0	207	0	282	89	426	0	0	515	0	0	0	1	1	0	371	198	0	569	1367
13:00	20	0	49	0	69	18	87	0	0	105	0	0	0	0	0	0	86	49	0	135	309
13:15	26	0	46	0	72	22	108	0	0	130	0	0	0	3	3	0	78	47	2	127	332
13:30	23	0	50	0	73	36	101	0	0	137	0	0	0	0	0	0	106	57	1	164	374
13:45	20	0	65	0	85	21	94	0	0	115	0	0	0	2	2	0	100	48	2	150	352
Total	89	0	210	0	299	97	390	0	0	487	0	0	0	5	5	0	370	201	5	576	1367

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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	21	0	60	0	81	31	101	0	0	132	0	0	0	0	0	0	102	53	0	155	368
14:15	41	0	49	0	90	20	111	0	0	131	0	0	0	0	0	0	108	51	0	159	380
14:30	22	0	61	0	83	33	106	0	0	139	0	0	0	0	0	0	110	54	0	164	386
14:45	51	0	79	0	130	27	101	0	0	128	0	0	0	0	0	0	114	64	0	178	436
Total	135	0	249	0	384	111	419	0	0	530	0	0	0	0	0	0	434	222	0	656	1570
15:00	35	0	73	0	108	32	131	0	0	163	0	0	0	0	0	0	144	71	0	215	486
15:15	44	1	66	0	111	32	110	0	0	142	0	0	0	0	0	0	145	74	0	219	472
15:30	52	1	58	0	111	37	108	0	0	145	0	0	0	0	0	0	123	76	0	199	455
15:45	49	2	78	0	129	43	127	0	0	170	0	0	0	0	0	0	125	60	0	185	484
Total	180	4	275	0	459	144	476	0	0	620	0	0	0	0	0	0	537	281	0	818	1897
16:00	45	0	74	0	119	45	107	0	0	152	0	0	0	0	0	0	150	61	0	211	482
16:15	38	0	55	0	93	26	108	0	0	134	0	0	0	0	0	0	151	82	0	233	460
16:30	60	0	56	3	119	35	120	0	0	155	0	0	0	1	1	0	173	70	1	244	519
16:45	42	0	64	0	106	33	108	0	0	141	0	0	0	0	0	0	160	52	1	213	460
Total	185	0	249	3	437	139	443	0	0	582	0	0	0	1	1	0	634	265	2	901	1921
17:00	54	0	65	0	119	35	113	0	0	148	0	0	0	1	1	0	144	71	0	215	483
17:15	53	0	66	0	119	21	100	0	0	121	0	0	0	1	1	0	162	62	1	225	466
17:30	72	0	79	0	151	33	140	0	0	173	0	0	0	0	0	0	109	55	0	164	488
17:45	46	0	61	0	107	41	116	0	0	157	0	0	0	0	0	0	142	55	0	197	461
Total	225	0	271	0	496	130	469	0	0	599	0	0	0	2	2	0	557	243	1	801	1898
18:00	56	0	63	0	119	42	110	0	0	152	0	0	0	0	0	0	129	59	0	188	459
18:15	39	0	56	0	95	21	110	0	0	131	0	0	0	0	0	0	133	41	0	174	400
18:30	34	0	49	0	83	30	89	0	0	119	0	0	0	0	0	0	102	40	0	142	344
18:45	32	0	33	0	65	27	92	0	0	119	0	0	0	2	2	0	112	39	0	151	337
Total	161	0	201	0	362	120	401	0	0	521	0	0	0	2	2	0	476	179	0	655	1540
Grand Total	1445	10	2900	4	4359	1782	4783	0	1	6566	0	0	0	18	18	0	4820	2408	10	7238	18181
Apprch %	33.1	0.2	66.5	0.1		27.1	72.8	0	0		0	0	0	100		0	66.6	33.3	0.1		
Total %	7.9	0.1	16	0	24	9.8	26.3	0	0	36.1	0	0	0	0.1	0.1	0	26.5	13.2	0.1	39.8	
Vehicles	1422		2848			1745	4669										4723	2351			17795
% Vehicles	98.4	90	98.2	50	98.2	97.9	97.6	0	100	97.7	0	0	0	83.3	83.3	0	98	97.6	100	97.9	97.9
Trucks	23	1	52	2	78	37	114	0	0	151	0	0	0	3	3	0	97	57	0	154	386
% Trucks	1.6	10	1.8	50	1.8	2.1	2.4	0	0	2.3	0	0	0	16.7	16.7	0	2	2.4	0	2.1	2.1

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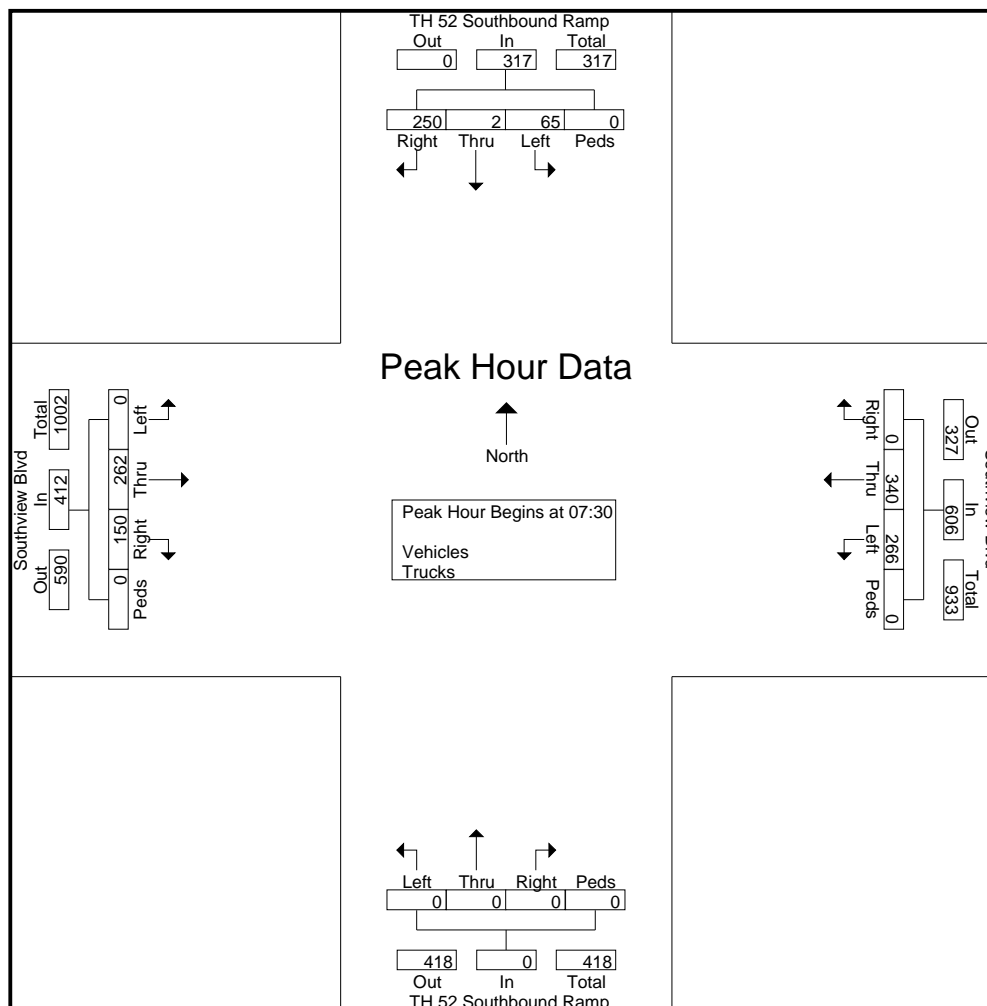
File Name : TH 52 & Southview Blvd W Ramp 2019

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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 07:30																					
07:30	18	1	42	0	61	85	84	0	0	169	0	0	0	0	0	0	83	49	0	132	362
07:45	17	0	57	0	74	80	90	0	0	170	0	0	0	0	0	0	63	35	0	98	342
08:00	17	1	79	0	97	46	76	0	0	122	0	0	0	0	0	0	54	27	0	81	300
08:15	13	0	72	0	85	55	90	0	0	145	0	0	0	0	0	0	62	39	0	101	331
Total Volume	65	2	250	0	317	266	340	0	0	606	0	0	0	0	0	0	262	150	0	412	1335
% App. Total	20.5	0.6	78.9	0		43.9	56.1	0	0		0	0	0	0	0	0	63.6	36.4	0		
PHF	.903	.500	.791	.000	.817	.782	.944	.000	.000	.891	.000	.000	.000	.000	.000	.000	.789	.765	.000	.780	.922



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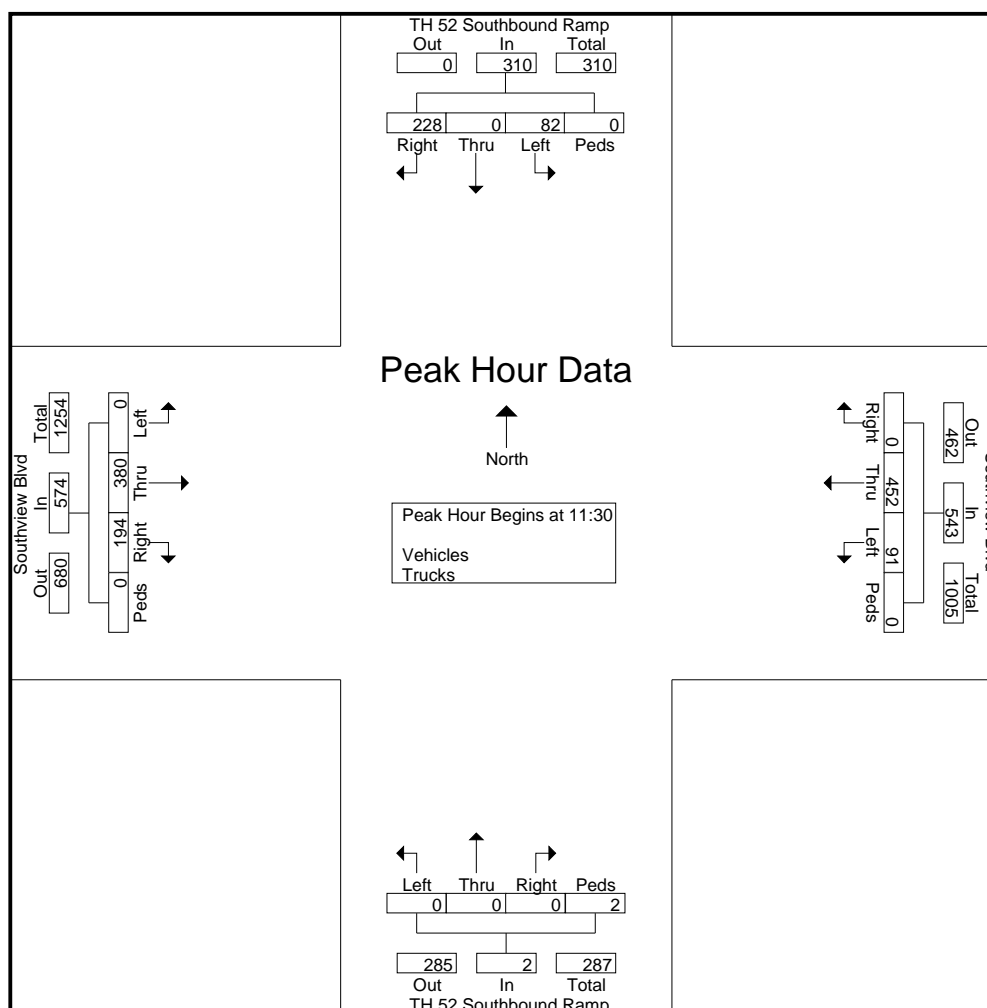
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 11:00 to 12:45 - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 11:30																					
11:30	21	0	57	0	78	24	116	0	0	140	0	0	0	1	1	0	86	53	0	139	358
11:45	23	0	68	0	91	20	102	0	0	122	0	0	0	0	0	0	93	43	0	136	349
12:00	15	0	47	0	62	23	121	0	0	144	0	0	0	1	1	0	95	47	0	142	349
12:15	23	0	56	0	79	24	113	0	0	137	0	0	0	0	0	0	106	51	0	157	373
Total Volume	82	0	228	0	310	91	452	0	0	543	0	0	0	2	2	0	380	194	0	574	1429
% App. Total	26.5	0	73.5	0		16.8	83.2	0	0		0	0	0	100		0	66.2	33.8	0		
PHF	.891	.000	.838	.000	.852	.948	.934	.000	.000	.943	.000	.000	.000	.500	.500	.000	.896	.915	.000	.914	.958



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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 15:45																					
15:45	49	2	78	0	129	43	127	0	0	170	0	0	0	0	0	0	125	60	0	185	484
16:00	45	0	74	0	119	45	107	0	0	152	0	0	0	0	0	0	150	61	0	211	482
16:15	38	0	55	0	93	26	108	0	0	134	0	0	0	0	0	0	151	82	0	233	460
16:30	60	0	56	3	119	35	120	0	0	155	0	0	0	1	1	0	173	70	1	244	519
Total Volume	192	2	263	3	460	149	462	0	0	611	0	0	0	1	1	0	599	273	1	873	1945
% App. Total	41.7	0.4	57.2	0.7		24.4	75.6	0	0		0	0	0	100		0	68.6	31.3	0.1		
PHF	.800	.250	.843	.250	.891	.828	.909	.000	.000	.899	.000	.000	.000	.250	.250	.000	.866	.832	.250	.894	.937

