

Short Elliott Hendrickson Inc.

3535 Vadnais Center Drive
St. Paul, MN 55110

"Building a Better World for All of Us"



TRAFFIC DATA

I-94 & TH 95 (St Croix Trail) N Ramp

Ref.Pt.: 258.817

Data By: Short Elliott Hendrickson, Inc.

TURN MOVEMENT COUNT

File Name : I-94 & TH 95 (St Croix Trail) N Ramp 2019

Site Code : 8a

Start Date : 4/30/2019

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	TH 95 (St Croix Trail) Southbound					I-94 Westbound Ramp Westbound					TH 95 (St Croix Trail) Northbound					I-94 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	20	49	0	69	11	0	72	0	83	52	48	0	0	100	0	0	0	0	0	252
06:15	0	36	53	0	89	11	0	70	0	81	53	38	0	0	91	0	0	0	0	0	261
06:30	0	51	44	0	95	21	0	75	0	96	56	61	0	0	117	0	0	0	0	0	308
06:45	0	73	53	0	126	35	0	106	0	141	59	68	0	0	127	0	0	0	0	0	394
Total	0	180	199	0	379	78	0	323	0	401	220	215	0	0	435	0	0	0	0	0	1215
07:00	0	47	63	0	110	16	0	105	0	121	69	74	0	0	143	0	0	0	0	0	374
07:15	0	59	55	0	114	38	1	122	0	161	49	83	0	0	132	0	0	0	0	0	407
07:30	0	83	54	0	137	28	0	135	0	163	39	75	0	0	114	0	0	0	0	0	414
07:45	0	83	35	0	118	34	0	127	0	161	40	82	0	0	122	0	0	0	0	0	401
Total	0	272	207	0	479	116	1	489	0	606	197	314	0	0	511	0	0	0	0	0	1596
08:00	0	54	39	0	93	39	0	81	0	120	30	54	0	0	84	0	0	0	0	0	297
08:15	0	65	40	0	105	33	0	77	0	110	34	61	0	0	95	0	0	0	0	0	310
08:30	0	43	40	0	83	26	0	62	0	88	46	59	0	0	105	0	0	0	0	0	276
08:45	0	92	27	0	119	29	0	65	0	94	26	59	0	0	85	0	0	0	0	0	298
Total	0	254	146	0	400	127	0	285	0	412	136	233	0	0	369	0	0	0	0	0	1181
09:00	0	66	21	0	87	37	0	59	0	96	24	49	0	0	73	0	0	0	0	0	256
09:15	0	71	26	0	97	53	0	59	0	112	29	45	0	0	74	0	0	0	0	0	283
09:30	0	60	43	0	103	44	0	48	0	92	29	34	0	0	63	0	0	0	0	0	258
09:45	0	50	25	0	75	33	0	59	0	92	19	37	0	0	56	0	0	0	0	0	223
Total	0	247	115	0	362	167	0	225	0	392	101	165	0	0	266	0	0	0	0	0	1020
10:00	0	61	23	0	84	35	1	52	0	88	27	40	0	0	67	0	0	0	0	0	239
10:15	0	50	25	0	75	36	0	48	0	84	29	51	0	0	80	0	0	0	0	0	239
10:30	0	80	25	0	105	36	0	43	0	79	28	42	0	0	70	0	0	0	0	0	254
10:45	0	70	21	0	91	38	0	36	0	74	33	40	0	0	73	0	0	0	0	0	238
Total	0	261	94	0	355	145	1	179	0	325	117	173	0	0	290	0	0	0	0	0	970
11:00	0	59	26	0	85	52	0	57	0	109	33	34	0	0	67	0	0	0	0	0	261
11:15	0	65	20	0	85	27	0	62	0	89	22	44	0	0	66	0	0	0	0	0	240
11:30	0	64	19	0	83	44	0	51	0	95	20	48	0	0	68	0	0	0	0	0	246
11:45	0	62	25	0	87	38	0	56	0	94	18	44	0	0	62	0	0	0	0	0	243
Total	0	250	90	0	340	161	0	226	0	387	93	170	0	0	263	0	0	0	0	0	990
12:00	0	61	36	0	97	27	0	47	0	74	23	47	0	0	70	0	0	0	0	0	241
12:15	0	85	23	0	108	48	1	51	0	100	24	38	0	0	62	0	0	0	0	0	270
12:30	0	76	23	0	99	48	1	82	0	131	28	46	0	0	74	0	0	0	0	0	304
12:45	0	76	29	0	105	47	0	68	0	115	20	49	0	0	69	0	0	0	0	0	289
Total	0	298	111	0	409	170	2	248	0	420	95	180	0	0	275	0	0	0	0	0	1104
13:00	0	89	21	0	110	45	0	60	0	105	20	41	0	0	61	0	0	0	0	0	276
13:15	0	52	23	0	75	42	0	68	0	110	26	45	0	0	71	0	0	0	1	1	257
13:30	0	70	23	0	93	51	0	78	0	129	26	55	0	0	81	0	0	0	0	0	303
13:45	0	85	25	0	110	45	0	66	0	111	14	61	0	0	75	0	0	0	0	0	296
Total	0	296	92	0	388	183	0	272	0	455	86	202	0	0	288	0	0	0	1	1	1132

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TURN MOVEMENT COUNT

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Site Code : 8a

Start Date : 4/30/2019

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Groups Printed- Vehicles - Trucks

Start Time	TH 95 (St Croix Trail) Southbound					I-94 Westbound Ramp Westbound					TH 95 (St Croix Trail) Northbound					I-94 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	70	41	0	111	39	0	56	0	95	19	78	0	0	97	0	0	0	0	0	303
14:15	0	108	39	0	147	50	0	74	0	124	23	59	0	0	82	0	0	0	0	0	353
14:30	0	129	56	0	185	40	0	51	0	91	22	52	0	0	74	0	0	0	0	0	350
14:45	0	168	66	0	234	46	0	46	0	92	27	47	0	0	74	0	0	0	0	0	400
Total	0	475	202	0	677	175	0	227	0	402	91	236	0	0	327	0	0	0	0	0	1406
15:00	0	160	53	0	213	54	0	59	0	113	14	48	0	0	62	0	0	0	0	0	388
15:15	0	153	45	0	198	66	0	44	0	110	30	59	0	0	89	0	0	0	0	0	397
15:30	0	134	41	0	175	43	0	61	0	104	22	76	0	0	98	0	0	0	0	0	377
15:45	0	158	37	0	195	68	1	60	0	129	11	59	0	0	70	0	0	0	0	0	394
Total	0	605	176	0	781	231	1	224	0	456	77	242	0	0	319	0	0	0	0	0	1556
16:00	0	134	51	0	185	57	0	72	0	129	24	79	0	0	103	0	0	0	0	0	417
16:15	0	154	72	0	226	60	0	76	0	136	30	83	0	0	113	0	0	0	0	0	475
16:30	0	142	69	0	211	56	0	76	0	132	24	80	0	0	104	0	0	0	0	0	447
16:45	0	163	33	0	196	49	0	60	0	109	27	105	0	0	132	0	0	0	0	0	437
Total	0	593	225	0	818	222	0	284	0	506	105	347	0	0	452	0	0	0	0	0	1776
17:00	0	140	32	0	172	58	0	77	0	135	28	97	0	0	125	0	0	0	0	0	432
17:15	0	147	49	0	196	71	0	67	0	138	26	78	0	0	104	0	0	0	0	0	438
17:30	0	109	36	0	145	46	0	60	0	106	21	78	0	0	99	0	0	0	0	0	350
17:45	0	96	31	0	127	59	0	62	0	121	30	58	0	0	88	0	0	0	0	0	336
Total	0	492	148	0	640	234	0	266	0	500	105	311	0	0	416	0	0	0	0	0	1556
18:00	0	89	26	0	115	66	1	58	0	125	23	44	0	0	67	0	0	0	0	0	307
18:15	0	79	20	0	99	54	0	60	0	114	16	53	0	0	69	0	0	0	0	0	282
18:30	0	75	14	0	89	49	0	47	0	96	22	45	0	0	67	0	0	0	0	0	252
18:45	0	49	23	0	72	38	0	40	0	78	16	43	0	0	59	0	0	0	0	0	209
Total	0	292	83	0	375	207	1	205	0	413	77	185	0	0	262	0	0	0	0	0	1050
Grand Total	0	4515	1888	0	6403	2216	6	3453	0	5675	1500	2973	0	0	4473	0	0	0	1	1	16552
Apprch %	0	70.5	29.5	0		39	0.1	60.8	0		33.5	66.5	0	0		0	0	0	100		
Total %	0	27.3	11.4	0	38.7	13.4	0	20.9	0	34.3	9.1	18	0	0	27	0	0	0	0	0	
Vehicles	0	4302	1802			2136		3343			1473	2702									15764
% Vehicles	0	95.3	95.4	0	95.3	96.4	100	96.8	0	96.7	98.2	90.9	0	0	93.3	0	0	0	0	0	95.2
Trucks	0	213	86	0	299	80	0	110	0	190	27	271	0	0	298	0	0	0	1	1	788
% Trucks	0	4.7	4.6	0	4.7	3.6	0	3.2	0	3.3	1.8	9.1	0	0	6.7	0	0	0	100	100	4.8

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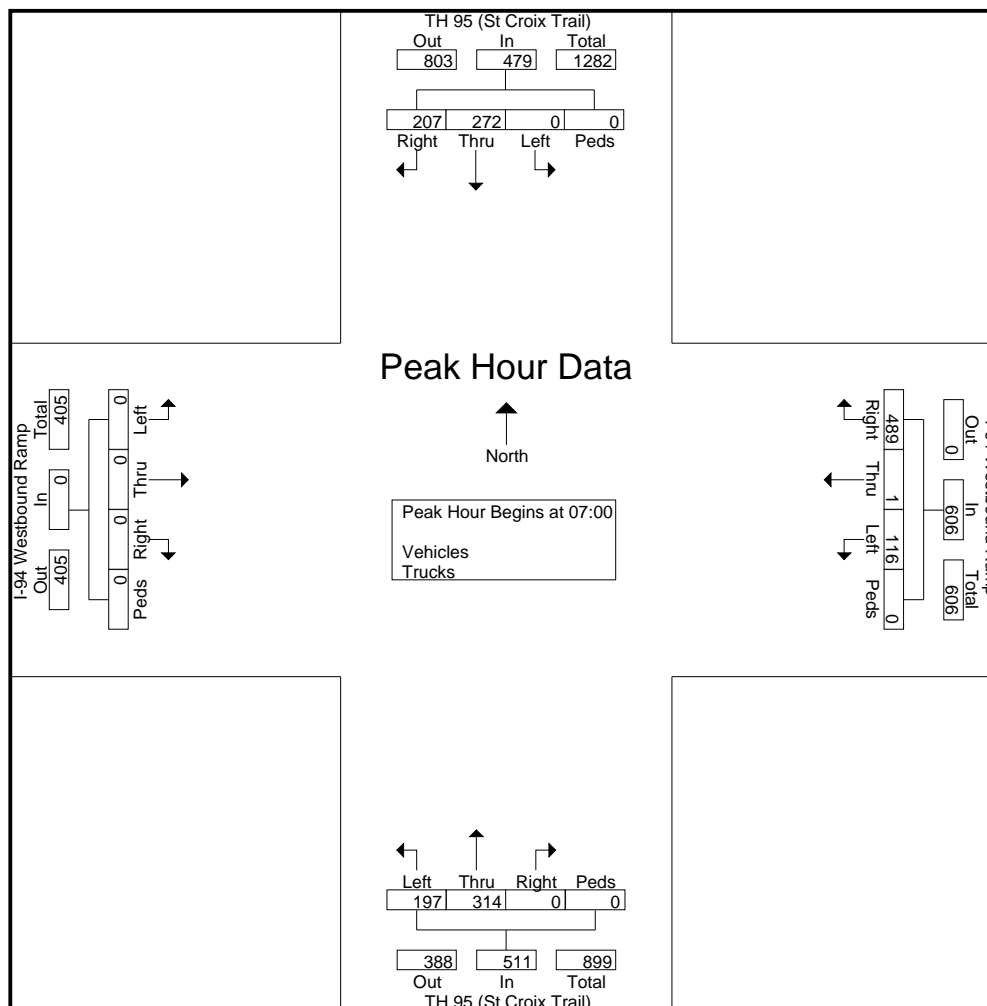
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Site Code : 8a

Start Date : 4/30/2019

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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	47	63	0	110	16	0	105	0	121	69	74	0	0	143	0	0	0	0	0	374
07:15	0	59	55	0	114	38	1	122	0	161	49	83	0	0	132	0	0	0	0	0	407
07:30	0	83	54	0	137	28	0	135	0	163	39	75	0	0	114	0	0	0	0	0	414
07:45	0	83	35	0	118	34	0	127	0	161	40	82	0	0	122	0	0	0	0	0	401
Total Volume	0	272	207	0	479	116	1	489	0	606	197	314	0	0	511	0	0	0	0	0	1596
% App. Total	0	56.8	43.2	0		19.1	0.2	80.7	0		38.6	61.4	0	0		0	0	0	0		
PHF	.000	.819	.821	.000	.874	.763	.250	.906	.000	.929	.714	.946	.000	.000	.893	.000	.000	.000	.000	.000	.964



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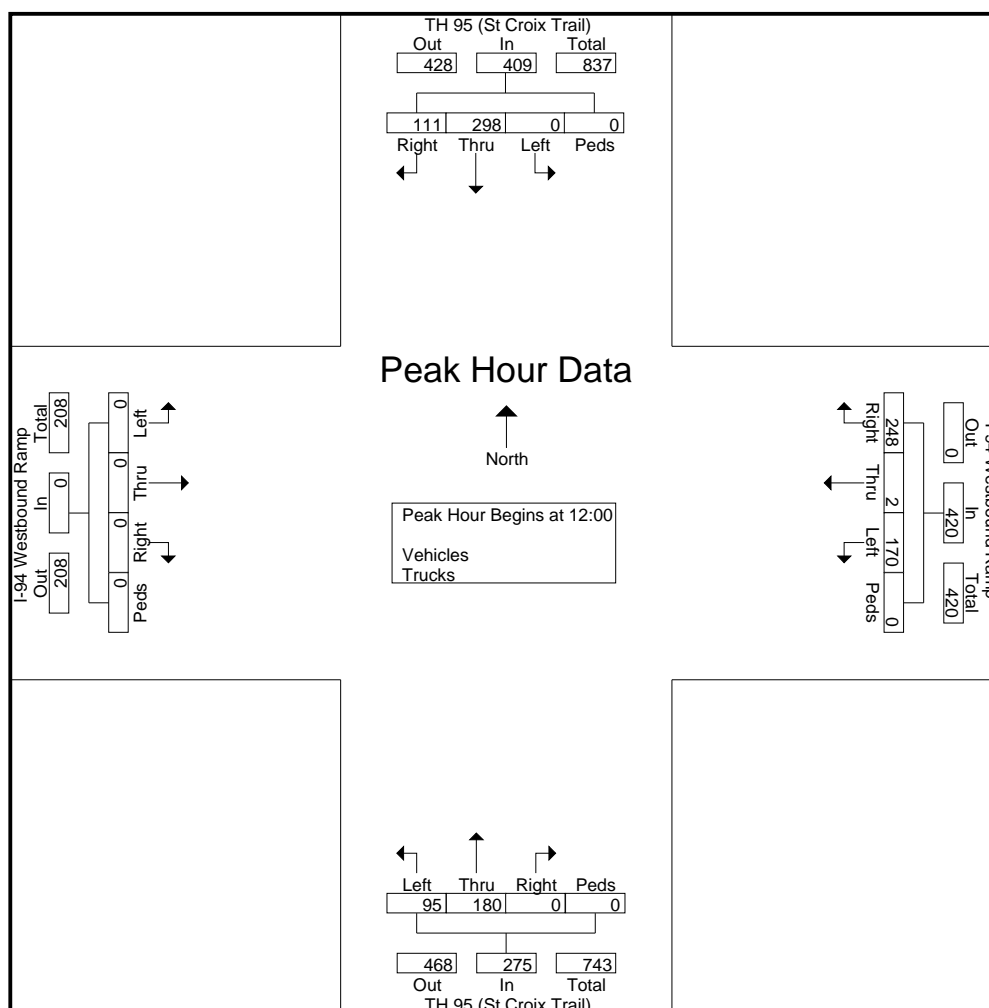
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 11:00 to 12:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00																					
12:00	0	61	36	0	97	27	0	47	0	74	23	47	0	0	70	0	0	0	0	0	241
12:15	0	85	23	0	108	48	1	51	0	100	24	38	0	0	62	0	0	0	0	0	270
12:30	0	76	23	0	99	48	1	82	0	131	28	46	0	0	74	0	0	0	0	0	304
12:45	0	76	29	0	105	47	0	68	0	115	20	49	0	0	69	0	0	0	0	0	289
Total Volume	0	298	111	0	409	170	2	248	0	420	95	180	0	0	275	0	0	0	0	0	1104
% App. Total	0	72.9	27.1	0		40.5	0.5	59	0		34.5	65.5	0	0		0	0	0	0		
PHF	.000	.876	.771	.000	.947	.885	.500	.756	.000	.802	.848	.918	.000	.000	.929	.000	.000	.000	.000	.000	.908



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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 16:15																					
16:15	0	154	72	0	226	60	0	76	0	136	30	83	0	0	113	0	0	0	0	0	475
16:30	0	142	69	0	211	56	0	76	0	132	24	80	0	0	104	0	0	0	0	0	447
16:45	0	163	33	0	196	49	0	60	0	109	27	105	0	0	132	0	0	0	0	0	437
17:00	0	140	32	0	172	58	0	77	0	135	28	97	0	0	125	0	0	0	0	0	432
Total Volume	0	599	206	0	805	223	0	289	0	512	109	365	0	0	474	0	0	0	0	0	1791
% App. Total	0	74.4	25.6	0		43.6	0	56.4	0		23	77	0	0		0	0	0	0		
PHF	.000	.919	.715	.000	.890	.929	.000	.938	.000	.941	.908	.869	.000	.000	.898	.000	.000	.000	.000	.000	.943

