

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 (Manning Ave) S Ramp

Ref.Pt.: 254.810

Data By: Short Elliott Hendrickson, Inc.

TURN MOVEMENT COUNT

File Name : I-94 & TH 95 (Manning Ave) S Ramp 2019

Site Code : 7b

Start Date : 4/30/2019

Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	TH 95 (Manning Ave) Southbound					I-94 Eastbound Ramp Westbound					TH 95 (Manning Ave) Northbound					I-94 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	10	43	0	0	53	0	0	0	0	0	0	90	19	0	109	25	0	9	0	34	196
06:15	8	72	0	0	80	0	0	0	0	0	0	96	26	0	122	28	0	19	0	47	249
06:30	11	117	0	0	128	0	0	0	0	0	0	121	41	0	162	44	0	20	0	64	354
06:45	10	94	0	0	104	0	0	0	0	0	0	149	26	0	175	65	0	26	0	91	370
Total	39	326	0	0	365	0	0	0	0	0	0	456	112	0	568	162	0	74	0	236	1169
07:00	10	111	0	0	121	0	0	0	0	0	0	165	43	0	208	48	0	24	0	72	401
07:15	20	145	0	0	165	0	0	0	0	0	0	184	53	0	237	68	0	22	0	90	492
07:30	24	153	0	0	177	0	0	0	0	0	0	183	68	0	251	61	0	21	0	82	510
07:45	22	156	0	0	178	0	0	0	0	0	0	138	51	0	189	77	0	35	0	112	479
Total	76	565	0	0	641	0	0	0	0	0	0	670	215	0	885	254	0	102	0	356	1882
08:00	13	73	0	0	86	0	0	0	0	0	0	115	41	0	156	37	0	20	0	57	299
08:15	14	85	0	0	99	0	0	0	0	0	0	115	41	0	156	51	1	26	0	78	333
08:30	17	85	0	0	102	0	0	0	0	0	0	130	35	0	165	42	0	16	0	58	325
08:45	15	84	0	0	99	0	0	0	0	0	0	90	47	0	137	36	0	25	0	61	297
Total	59	327	0	0	386	0	0	0	0	0	0	450	164	0	614	166	1	87	0	254	1254
09:00	16	72	0	0	88	0	0	0	0	0	0	93	28	0	121	45	1	14	0	60	269
09:15	7	68	0	0	75	0	0	0	0	0	0	77	33	0	110	35	0	21	0	56	241
09:30	15	64	0	0	79	0	0	0	0	0	0	72	36	0	108	33	0	22	0	55	242
09:45	12	74	0	0	86	0	0	0	0	0	0	68	31	0	99	25	0	30	0	55	240
Total	50	278	0	0	328	0	0	0	0	0	0	310	128	0	438	138	1	87	0	226	992
10:00	12	62	0	0	74	0	0	0	0	0	0	60	19	0	79	29	1	24	0	54	207
10:15	9	53	0	0	62	0	0	0	0	0	0	63	25	0	88	27	0	19	0	46	196
10:30	17	53	0	0	70	0	0	0	0	0	0	69	28	0	97	47	3	21	0	71	238
10:45	20	63	0	0	83	0	0	0	0	0	0	73	17	0	90	26	0	20	0	46	219
Total	58	231	0	0	289	0	0	0	0	0	0	265	89	0	354	129	4	84	0	217	860
11:00	7	53	0	0	60	0	0	0	0	0	0	75	19	0	94	51	0	17	0	68	222
11:15	10	69	0	0	79	0	0	0	0	0	0	68	17	0	85	59	1	20	0	80	244
11:30	13	92	0	0	105	0	0	0	0	0	0	59	21	0	80	50	0	20	0	70	255
11:45	23	52	0	0	75	0	0	0	0	0	0	49	35	0	84	53	1	24	0	78	237
Total	53	266	0	0	319	0	0	0	0	0	0	251	92	0	343	213	2	81	0	296	958
12:00	19	59	0	0	78	0	0	0	0	0	0	71	30	0	101	49	1	26	0	76	255
12:15	8	79	0	0	87	0	0	0	0	0	0	60	22	0	82	50	1	32	0	83	252
12:30	18	49	0	0	67	0	0	0	0	0	0	70	32	0	102	47	0	15	0	62	231
12:45	16	60	0	0	76	0	0	0	0	0	0	66	35	0	101	66	0	29	0	95	272
Total	61	247	0	0	308	0	0	0	0	0	0	267	119	0	386	212	2	102	0	316	1010
13:00	16	62	0	0	78	0	0	0	0	0	0	49	21	0	70	61	1	30	0	92	240
13:15	12	69	0	0	81	0	0	0	0	0	0	65	22	0	87	54	0	25	0	79	247
13:30	21	60	0	0	81	0	0	0	0	0	0	70	32	0	102	54	3	33	0	90	273
13:45	21	71	0	0	92	0	0	0	0	0	0	62	36	0	98	41	0	29	0	70	260
Total	70	262	0	0	332	0	0	0	0	0	0	246	111	0	357	210	4	117	0	331	1020

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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	80	0	0	96	0	0	0	0	0	0	69	23	0	92	59	0	34	0	93	281
14:15	26	108	0	0	134	0	0	0	0	0	0	74	38	0	112	67	0	27	0	94	340
14:30	23	105	0	0	128	0	0	0	0	0	0	86	25	0	111	78	0	33	1	112	351
14:45	23	117	0	0	140	0	0	0	0	0	0	74	35	0	109	57	2	45	0	104	353
Total	88	410	0	0	498	0	0	0	0	0	0	303	121	0	424	261	2	139	1	403	1325
15:00	32	102	0	0	134	0	0	0	0	0	0	73	45	0	118	86	0	41	0	127	379
15:15	31	87	0	0	118	0	0	0	0	0	0	81	55	0	136	86	0	58	0	144	398
15:30	34	120	0	0	154	0	0	0	0	0	0	114	66	0	180	106	0	45	0	151	485
15:45	38	97	0	0	135	0	0	0	0	0	0	90	76	0	166	109	0	44	0	153	454
Total	135	406	0	0	541	0	0	0	0	0	0	358	242	0	600	387	0	188	0	575	1716
16:00	34	107	0	0	141	0	0	0	0	0	0	108	81	0	189	133	0	43	0	176	506
16:15	42	142	0	0	184	0	0	0	0	0	0	83	69	0	152	112	1	41	0	154	490
16:30	51	112	0	0	163	0	0	0	0	0	0	105	76	0	181	118	0	56	0	174	518
16:45	38	120	0	0	158	0	0	0	0	0	0	118	90	0	208	116	0	45	0	161	527
Total	165	481	0	0	646	0	0	0	0	0	0	414	316	0	730	479	1	185	0	665	2041
17:00	58	140	0	0	198	0	0	0	0	0	0	97	70	0	167	106	1	57	0	164	529
17:15	58	142	0	0	200	0	0	0	0	0	0	89	53	0	142	100	0	58	0	158	500
17:30	32	118	0	0	150	0	0	0	0	0	0	102	73	0	175	113	0	71	0	184	509
17:45	39	107	0	0	146	0	0	0	0	0	0	81	51	0	132	100	0	51	0	151	429
Total	187	507	0	0	694	0	0	0	0	0	0	369	247	0	616	419	1	237	0	657	1967
18:00	25	82	0	0	107	0	0	0	0	0	0	96	53	0	149	95	0	55	0	150	406
18:15	24	81	0	0	105	0	0	0	0	0	0	83	47	0	130	93	0	62	0	155	390
18:30	25	85	0	0	110	0	0	0	0	0	0	95	35	0	130	87	0	50	0	137	377
18:45	20	66	0	0	86	0	0	0	0	0	0	69	32	0	101	74	2	35	0	111	298
Total	94	314	0	0	408	0	0	0	0	0	0	343	167	0	510	349	2	202	0	553	1471
Grand Total	1135	4620	0	0	5755	0	0	0	0	0	0	4702	2123	0	6825	3379	20	1685	1	5085	17665
Apprch %	19.7	80.3	0	0		0	0	0	0	0	0	68.9	31.1	0		66.5	0.4	33.1	0		
Total %	6.4	26.2	0	0	32.6	0	0	0	0	0	0	26.6	12	0	38.6	19.1	0.1	9.5	0	28.8	
Vehicles	1097	4445										4488	2029			3311		1578			16964
% Vehicles	96.7	96.2	0	0	96.3	0	0	0	0	0	0	95.4	95.6	0	95.5	98	80	93.6	0	96.5	96
Trucks	38	175	0	0	213	0	0	0	0	0	0	214	94	0	308	68	4	107	1	180	701
% Trucks	3.3	3.8	0	0	3.7	0	0	0	0	0	0	4.6	4.4	0	4.5	2	20	6.4	100	3.5	4

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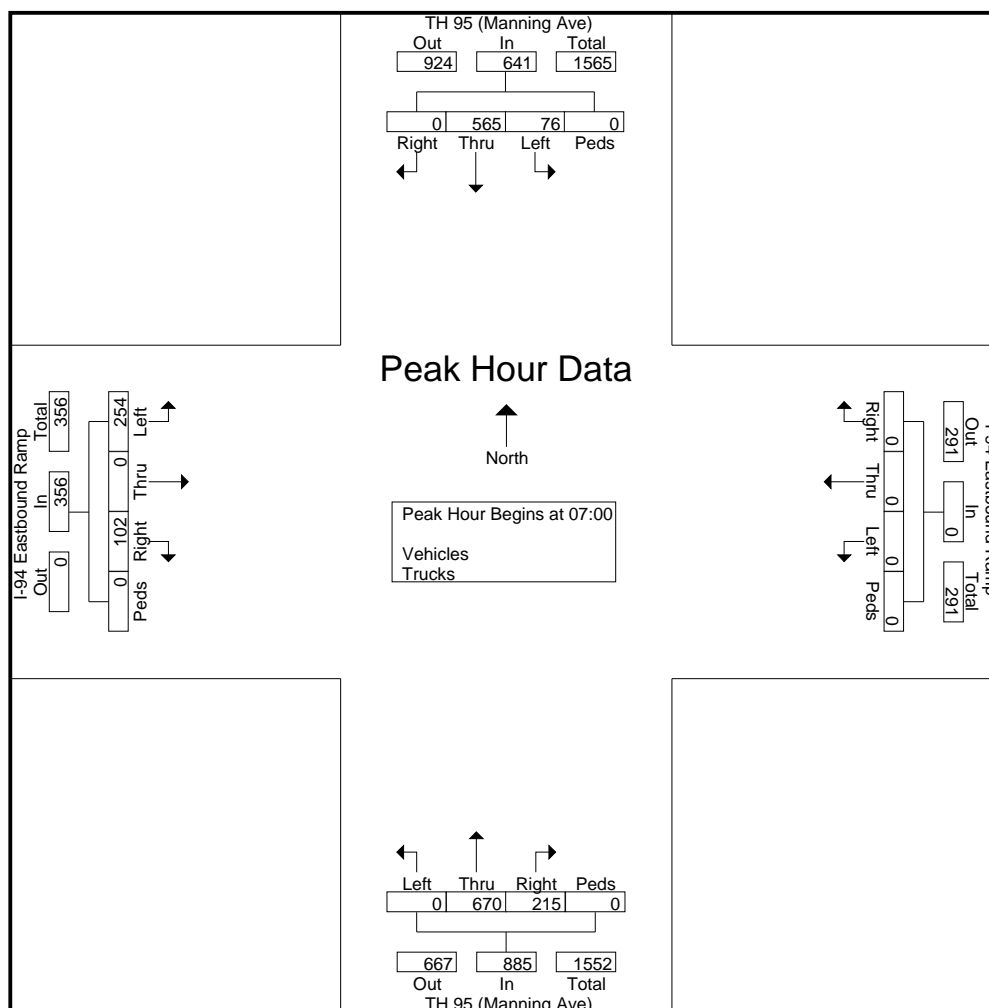
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:00																					
07:00	10	111	0	0	121	0	0	0	0	0	0	165	43	0	208	48	0	24	0	72	401
07:15	20	145	0	0	165	0	0	0	0	0	0	184	53	0	237	68	0	22	0	90	492
07:30	24	153	0	0	177	0	0	0	0	0	0	183	68	0	251	61	0	21	0	82	510
07:45	22	156	0	0	178	0	0	0	0	0	0	138	51	0	189	77	0	35	0	112	479
Total Volume	76	565	0	0	641	0	0	0	0	0	0	670	215	0	885	254	0	102	0	356	1882
% App. Total	11.9	88.1	0	0		0	0	0	0		0	75.7	24.3	0		71.3	0	28.7	0		
PHF	.792	.905	.000	.000	.900	.000	.000	.000	.000	.000	.000	.910	.790	.000	.881	.825	.000	.729	.000	.795	.923



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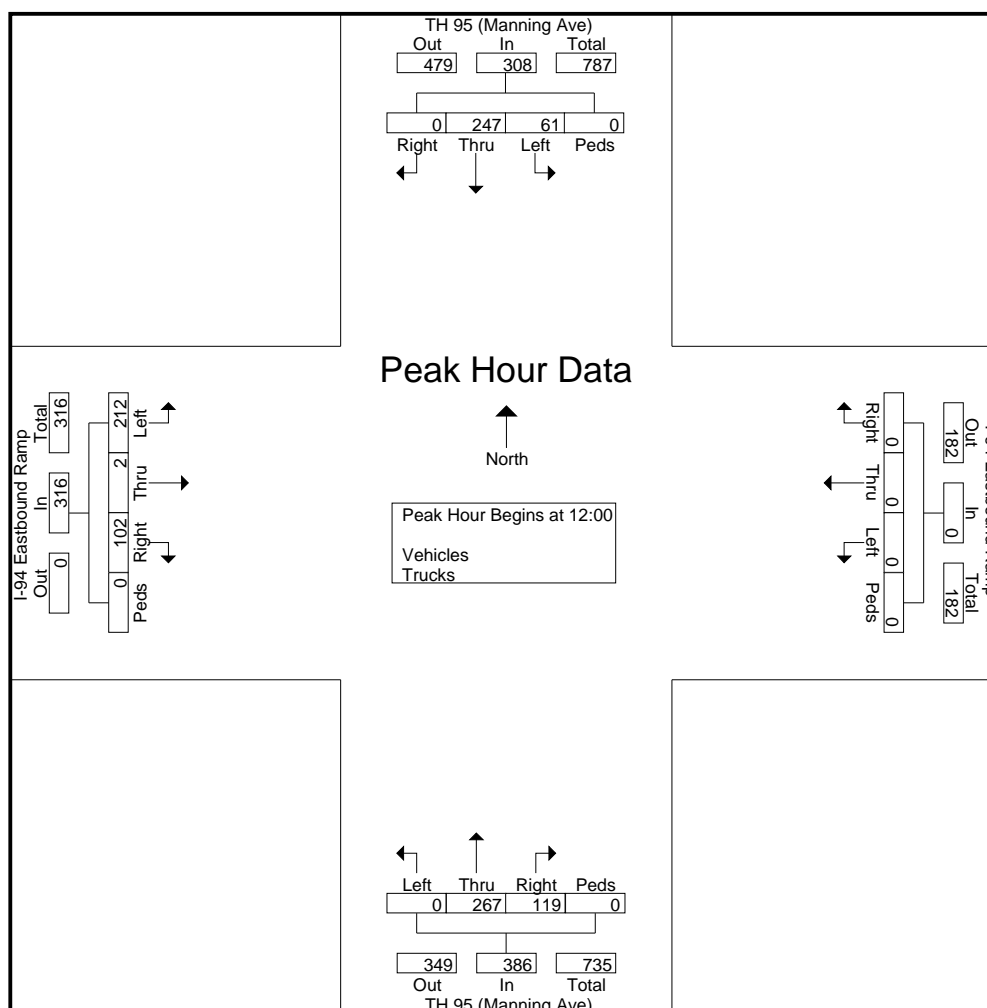
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 11:00 to 12:45 - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 12:00																					
12:00	19	59	0	0	78	0	0	0	0	0	0	71	30	0	101	49	1	26	0	76	255
12:15	8	79	0	0	87	0	0	0	0	0	0	60	22	0	82	50	1	32	0	83	252
12:30	18	49	0	0	67	0	0	0	0	0	0	70	32	0	102	47	0	15	0	62	231
12:45	16	60	0	0	76	0	0	0	0	0	0	66	35	0	101	66	0	29	0	95	272
Total Volume	61	247	0	0	308	0	0	0	0	0	0	267	119	0	386	212	2	102	0	316	1010
% App. Total	19.8	80.2	0	0		0	0	0	0		0	69.2	30.8	0		67.1	0.6	32.3	0		
PHF	.803	.782	.000	.000	.885	.000	.000	.000	.000	.000	.000	.940	.850	.000	.946	.803	.500	.797	.000	.832	.928



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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 16:30																					
16:30	51	112	0	0	163	0	0	0	0	0	0	105	76	0	181	118	0	56	0	174	518
16:45	38	120	0	0	158	0	0	0	0	0	0	118	90	0	208	116	0	45	0	161	527
17:00	58	140	0	0	198	0	0	0	0	0	0	97	70	0	167	106	1	57	0	164	529
17:15	58	142	0	0	200	0	0	0	0	0	0	89	53	0	142	100	0	58	0	158	500
Total Volume	205	514	0	0	719	0	0	0	0	0	0	409	289	0	698	440	1	216	0	657	2074
% App. Total	28.5	71.5	0	0		0	0	0	0		0	58.6	41.4	0		67	0.2	32.9	0		
PHF	.884	.905	.000	.000	.899	.000	.000	.000	.000	.000	.000	.867	.803	.000	.839	.932	.250	.931	.000	.944	.980

