

# Intersection Traffic Counts

**Intersection:** Larpenteur Ave & TH-280 W Ramp

**Start Date:** Thu, Sep 13, 2018

**Duration:** 6-9,11-13,15-18:00

**Prepared by:** Associated Consulting Services LLC

www.acsteam.com

(612) 568-3227

All Vehicles (6-9,11-13,15-18:00) at Larpenteur Ave & TH-280 W Ramp																										
Start Time	TH-280 W Ramp North Leg (Southbound)						Larpenteur Ave East Leg (Westbound)						TH-280 W Ramp South Leg (Northbound)						Larpenteur Ave West Leg (Eastbound)						15-min Veh Total	15-min Ped* Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
6:00	-	7	-	36	43	-	1	25	90	-	116	-	-	-	-	-	-	-	-	-	25	46	71	-	230	-
6:15	-	3	-	51	54	-	-	34	158	-	192	-	-	-	-	-	-	-	-	-	40	48	88	-	334	-
6:30	-	5	-	44	49	-	-	46	190	-	236	-	-	-	-	-	-	-	-	-	47	77	124	-	409	-
6:45	-	6	-	36	42	-	-	51	267	-	318	-	-	-	-	-	-	-	-	-	61	69	130	-	490	2
7:00	-	9	-	39	48	-	-	57	316	-	373	-	-	-	-	-	-	-	-	-	76	90	166	-	587	1
7:15	-	5	-	30	35	-	-	72	360	-	432	-	-	-	-	-	-	-	-	-	88	106	194	-	661	-
7:30	-	11	-	29	40	-	-	80	405	-	485	-	-	-	-	-	-	-	-	-	84	146	230	-	755	2
7:45	-	10	-	38	48	1	-	75	418	-	493	-	-	-	-	-	-	-	-	-	82	125	207	-	748	1
8:00	-	13	-	36	49	-	-	74	425	-	499	-	-	-	-	-	-	-	-	-	130	136	266	-	814	-
8:15	-	10	-	37	47	1	-	93	433	-	526	-	-	-	-	-	-	-	-	-	130	138	268	-	841	2
8:30	-	13	-	32	45	-	-	76	344	-	420	-	-	-	-	-	-	-	-	-	135	152	287	-	752	-
8:45	-	14	-	30	44	1	-	69	320	-	389	-	-	-	-	-	-	-	-	-	108	146	254	-	687	1
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	10	2	16	28	-	-	32	137	-	169	-	-	-	-	-	-	-	-	-	91	85	176	-	373	1
11:15	-	9	1	27	37	1	-	50	164	-	214	-	-	-	-	-	-	-	-	-	92	97	189	-	440	1
11:30	-	12	-	32	44	-	-	48	159	-	207	-	-	-	-	-	-	-	-	-	100	118	218	-	469	-
11:45	-	9	1	25	35	2	-	32	159	-	191	-	-	-	-	-	-	-	-	-	88	103	191	-	417	2
12:00	-	8	-	24	32	-	-	31	168	-	199	-	-	-	-	-	-	-	-	-	101	101	202	-	433	-
12:15	-	11	-	22	33	1	-	46	157	-	203	-	-	-	-	-	-	-	-	-	89	106	195	-	431	2
12:30	-	21	1	23	45	-	-	37	184	-	221	-	-	-	-	-	-	-	-	-	98	95	193	-	459	-
12:45	-	13	-	25	38	-	-	42	166	-	208	-	-	-	-	-	-	-	-	-	99	110	209	-	455	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	23	-	24	47	-	-	52	204	-	256	-	-	-	-	-	-	-	-	-	171	146	317	-	620	-
15:15	-	14	1	27	42	-	-	29	219	-	248	-	-	-	-	-	-	-	-	-	158	149	307	-	597	-
15:30	-	16	-	17	33	-	-	40	223	-	263	-	-	-	-	-	-	-	-	-	191	176	367	-	663	-
15:45	-	13	-	36	49	-	-	41	245	-	286	-	-	-	-	-	-	-	-	-	202	156	358	-	693	1
16:00	-	16	-	28	44	-	-	38	279	-	317	-	-	-	-	-	-	-	-	-	249	185	434	-	795	2
16:15	-	20	-	27	47	-	-	41	279	-	320	-	-	-	-	-	-	-	-	-	270	161	431	-	798	-
16:30	-	15	-	19	34	-	-	38	223	-	261	-	-	-	-	-	-	-	-	-	242	166	408	-	703	3
16:45	-	11	-	26	37	-	-	37	255	-	292	-	-	-	-	-	-	-	-	-	250	176	426	-	755	2
17:00	-	18	1	27	46	-	-	50	253	-	303	-	-	-	-	-	-	-	-	-	248	193	441	-	790	-
17:15	-	22	2	26	50	-	-	38	227	-	265	-	-	-	-	-	-	-	-	-	234	192	426	-	741	1
17:30	-	26	-	21	47	1	-	22	252	-	274	-	-	-	-	-	-	-	-	-	191	161	352	-	673	1
17:45	-	8	-	25	33	-	-	36	218	-	254	-	-	-	-	-	-	-	-	-	187	145	332	-	619	1
<b>Total</b>	-	401	9	935	1345	8	1	1532	7897	-	9430	-	-	-	-	-	-	-	-	-	4357	4100	8457	-	19232	26
<b>% App</b>	-	30%	1%	70%	100%	-	0%	16%	84%	-	100%	-	-	-	-	-	-	-	-	-	52%	48%	100%	-	-	-
<b>% Total</b>	-	2%	0%	5%	7%	31%	0%	8%	41%	-	49%	-	-	-	-	-	-	-	-	-	23%	21%	44%	-	100%	100%
<b>Passenger Vehicles</b>	-	376	9	826	1211	-	1	1497	7326	-	8824	-	-	-	-	-	-	-	-	-	4112	3698	7810	-	17845	-
<b>Passenger Vehicles %</b>	-	94%	100%	88%	90%	-	100%	98%	93%	-	94%	-	-	-	-	-	-	-	-	-	94%	90%	92%	-	93%	-
<b>HC Vehicles</b>	-	25	-	109	134	-	-	35	571	-	606	-	-	-	-	-	-	-	-	-	245	402	647	-	1387	-
<b>HC Vehicles %</b>	-	6%	-	12%	10%	-	-	2%	7%	-	6%	-	-	-	-	-	-	-	-	-	6%	10%	8%	-	7%	-

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total  
 Ped\* = pedestrians and bicyclists on crosswalk  
 % App = percentage of specific movement total in relation to its approach total  
 % Total = percentage of specific movement total in relation to its intersection total  
 Passenger Vehicles % = percentage of passenger vehicle total in a specific movement  
 HC Vehicles % = percentage of heavy commercial vehicle total in a specific movement  
 dash (-) in the table indicates zero or not applicable

# Intersection Traffic Counts

**Intersection:** Larpenteur Ave & TH-280 W Ramp

**Start Date:** Thu, Sep 13, 2018

**Duration:** 6-9,11-13,15-18:00

**Prepared by:** Associated Consulting Services LLC

www.acsteam.com

(612) 568-3227

All Vehicles_AM Peak (7:30AM-8:30AM) at Larpenteur Ave & TH-280 W Ramp																										
Start Time	TH-280 W Ramp North Leg (Southbound)						Larpenteur Ave East Leg (Westbound)						TH-280 W Ramp South Leg (Northbound)						Larpenteur Ave West Leg (Eastbound)						15-min Veh Total	15-min Ped* Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
7:30	-	11	-	29	40	-	-	80	405	-	485	-	-	-	-	-	2	-	-	84	146	230	-	755	2	
7:45	-	10	-	38	48	1	-	75	418	-	493	-	-	-	-	-	-	-	-	82	125	207	-	748	1	
8:00	-	13	-	36	49	-	-	74	425	-	499	-	-	-	-	-	-	-	-	130	136	266	-	814	-	
8:15	-	10	-	37	47	1	-	93	433	-	526	-	-	-	-	-	1	-	-	130	138	268	-	841	2	
<b>Total</b>	-	44	-	140	184	2	-	322	1681	-	2003	-	-	-	-	-	3	-	-	426	545	971	-	3158	5	
<b>% App</b>	-	24%	-	76%	100%	-	-	16%	84%	-	100%	-	-	-	-	-	-	-	-	44%	56%	100%	-	-	-	
<b>% Total</b>	-	1%	-	4%	6%	40%	-	10%	53%	-	63%	-	-	-	-	-	60%	-	-	13%	17%	31%	-	100%	100%	
<b>PHF</b>	-	0.846	-	0.921	0.939	-	-	0.866	0.971	-	0.952	-	-	-	-	-	-	-	-	0.819	0.933	0.906	-	0.939	-	
<b>Passenger Vehicles</b>	-	37	-	121	158	-	-	317	1596	-	1913	-	-	-	-	-	-	-	-	390	472	862	-	2933	-	
<b>Passenger Vehicles %</b>	-	84%	-	86%	86%	-	-	98%	95%	-	96%	-	-	-	-	-	-	-	-	92%	87%	89%	-	93%	-	
<b>HC Vehicles</b>	-	7	-	19	26	-	-	5	85	-	90	-	-	-	-	-	-	-	-	36	73	109	-	225	-	
<b>HC Vehicles %</b>	-	16%	-	14%	14%	-	-	2%	5%	-	4%	-	-	-	-	-	-	-	-	8%	13%	11%	-	7%	-	

All Vehicles_Midday Peak (12:00PM-1:00PM) at Larpenteur Ave & TH-280 W Ramp																										
Start Time	TH-280 W Ramp North Leg (Southbound)						Larpenteur Ave East Leg (Westbound)						TH-280 W Ramp South Leg (Northbound)						Larpenteur Ave West Leg (Eastbound)						15-min Veh Total	15-min Ped* Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
12:00	-	8	-	24	32	-	-	31	168	-	199	-	-	-	-	-	-	-	-	101	101	202	-	433	-	
12:15	-	11	-	22	33	1	-	46	157	-	203	-	-	-	-	-	1	-	-	89	106	195	-	431	2	
12:30	-	21	1	23	45	-	-	37	184	-	221	-	-	-	-	-	-	-	-	98	95	193	-	459	-	
12:45	-	13	-	25	38	-	-	42	166	-	208	-	-	-	-	-	-	-	-	99	110	209	-	455	-	
<b>Total</b>	-	53	1	94	148	1	-	156	675	-	831	-	-	-	-	-	1	-	-	387	412	799	-	1778	2	
<b>% App</b>	-	36%	1%	64%	100%	-	-	19%	81%	-	100%	-	-	-	-	-	-	-	-	48%	52%	100%	-	-	-	
<b>% Total</b>	-	3%	0%	5%	8%	50%	-	9%	38%	-	47%	-	-	-	-	-	50%	-	-	22%	23%	45%	-	100%	100%	
<b>PHF</b>	-	0.631	0.250	0.940	0.822	-	-	0.848	0.917	-	0.940	-	-	-	-	-	-	-	-	0.958	0.936	0.956	-	0.968	-	
<b>Passenger Vehicles</b>	-	52	1	78	131	-	-	147	585	-	732	-	-	-	-	-	-	-	-	342	356	698	-	1561	-	
<b>Passenger Vehicles %</b>	-	98%	100%	83%	89%	-	-	94%	87%	-	88%	-	-	-	-	-	-	-	-	88%	86%	87%	-	88%	-	
<b>HC Vehicles</b>	-	1	-	16	17	-	-	9	90	-	99	-	-	-	-	-	-	-	-	45	56	101	-	217	-	
<b>HC Vehicles %</b>	-	2%	-	17%	11%	-	-	6%	13%	-	12%	-	-	-	-	-	-	-	-	12%	14%	13%	-	12%	-	

All Vehicles_PM Peak (4:00PM-5:00PM) at Larpenteur Ave & TH-280 W Ramp																										
Start Time	TH-280 W Ramp North Leg (Southbound)						Larpenteur Ave East Leg (Westbound)						TH-280 W Ramp South Leg (Northbound)						Larpenteur Ave West Leg (Eastbound)						15-min Veh Total	15-min Ped* Total
	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*	U	L	T	R	App	Ped*		
16:00	-	16	-	28	44	-	-	38	279	-	317	-	-	-	-	-	2	-	-	249	185	434	-	795	2	
16:15	-	20	-	27	47	-	-	41	279	-	320	-	-	-	-	-	-	-	-	270	161	431	-	798	-	
16:30	-	15	-	19	34	-	-	38	223	-	261	-	-	-	-	-	3	-	-	242	166	408	-	703	3	
16:45	-	11	-	26	37	-	-	37	255	-	292	-	-	-	-	-	2	-	-	250	176	426	-	755	2	
<b>Total</b>	-	62	-	100	162	-	-	154	1036	-	1190	-	-	-	-	-	7	-	-	1011	688	1699	-	3051	7	
<b>% App</b>	-	38%	-	62%	100%	-	-	13%	87%	-	100%	-	-	-	-	-	-	-	-	60%	40%	100%	-	-	-	
<b>% Total</b>	-	2%	-	3%	5%	-	-	5%	34%	-	39%	-	-	-	-	-	100%	-	-	33%	23%	56%	-	100%	100%	
<b>PHF</b>	-	0.775	-	0.893	0.862	-	-	0.939	0.928	-	0.930	-	-	-	-	-	-	-	-	0.936	0.930	0.979	-	0.956	-	
<b>Passenger Vehicles</b>	-	62	-	93	155	-	-	150	966	-	1116	-	-	-	-	-	-	-	-	991	661	1652	-	2923	-	
<b>Passenger Vehicles %</b>	-	100%	-	93%	96%	-	-	97%	93%	-	94%	-	-	-	-	-	-	-	-	98%	96%	97%	-	96%	-	
<b>HC Vehicles</b>	-	-	-	7	7	-	-	4	70	-	74	-	-	-	-	-	-	-	-	20	27	47	-	128	-	
<b>HC Vehicles %</b>	-	-	-	7%	4%	-	-	3%	7%	-	6%	-	-	-	-	-	-	-	-	2%	4%	3%	-	4%	-	

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total  
 Ped\* = pedestrians and bicyclists on crosswalk  
 % App = percentage of specific movement total in relation to its approach total  
 % Total = percentage of specific movement total in relation to its intersection total  
 Passenger Vehicles % = percentage of passenger vehicle total in a specific movement  
 HC Vehicles % = percentage of heavy commercial vehicle total in a specific movement  
 dash (-) in the table indicates zero or not applicable

# Intersection Traffic Counts

**Intersection:** Larpenteur Ave & TH-280 W Ramp  
**Start Date:** Thu, Sep 13, 2018  
**Duration:** 6-9,11-13,15-18:00

**Prepared by:** Associated Consulting Services LLC  
 www.acsteam.com  
 (612) 568-3227

