

# Intersection Traffic Counts

**Intersection:** Larpenteur Ave & TH-280 E 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 E Ramp																										
Start Time	TH-280 E Ramp North Leg (Southbound)						Larpenteur Ave East Leg (Westbound)						TH-280 E 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	-	-	-	-	-	-	-	-	62	5	67	-	-	61	-	14	75	-	-	12	20	-	32	-	174	-
6:15	-	-	-	-	-	-	-	-	108	7	115	-	-	80	-	14	94	-	-	13	34	-	47	-	256	-
6:30	-	-	-	-	-	-	-	-	151	7	158	-	-	89	-	14	103	-	-	12	41	-	53	-	314	-
6:45	-	-	-	-	-	-	1	-	197	17	215	-	-	129	1	16	146	1	-	20	46	-	66	-	427	1
7:00	-	-	-	-	-	-	-	-	225	16	241	-	-	147	1	30	178	2	-	26	57	-	83	-	502	2
7:15	-	-	-	-	-	-	-	-	301	14	315	-	-	134	-	38	172	-	-	20	76	-	96	-	583	-
7:30	-	-	-	-	-	-	-	-	321	15	336	-	-	162	-	28	190	2	-	15	80	-	95	-	621	2
7:45	-	-	-	-	-	1	-	-	296	17	313	-	-	198	-	32	230	-	-	26	69	-	95	-	638	1
8:00	-	-	-	-	-	-	-	-	307	20	327	-	-	197	-	27	224	-	-	18	121	-	139	-	690	-
8:15	-	-	-	-	-	1	-	-	342	18	360	-	-	179	-	31	210	1	-	19	117	-	136	-	706	2
8:30	-	-	-	-	-	-	-	-	272	21	293	-	-	151	-	19	170	-	-	29	126	-	155	-	618	-
8:45	-	-	-	-	-	1	-	-	243	14	257	-	-	152	-	28	180	-	-	27	96	-	123	-	560	1
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11:00	-	-	-	-	-	-	-	-	87	6	93	-	-	84	-	18	102	1	-	32	73	-	105	-	300	1
11:15	-	-	-	-	-	1	-	-	122	13	135	-	-	90	-	28	118	-	-	27	77	-	104	-	357	1
11:30	-	-	-	-	-	-	-	-	113	14	127	-	-	96	1	43	140	-	-	27	82	-	109	-	376	-
11:45	-	-	-	-	-	2	-	-	110	14	124	-	-	81	-	28	109	-	-	25	70	-	95	-	328	2
12:00	-	-	-	-	-	-	-	-	109	14	123	-	-	89	-	42	131	-	-	36	75	-	111	-	365	-
12:15	-	-	-	-	-	1	-	-	114	18	132	-	-	85	1	27	113	1	-	24	78	-	102	-	347	2
12:30	-	-	-	-	-	-	-	-	132	17	149	-	-	91	-	31	122	-	-	35	82	-	117	-	388	-
12:45	-	-	-	-	-	-	-	-	122	18	140	-	-	87	1	34	122	-	-	33	79	-	112	-	374	-
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15:00	-	-	-	-	-	-	-	-	166	12	178	-	-	91	-	47	138	-	-	78	114	-	192	-	508	-
15:15	-	-	-	-	-	-	-	-	131	16	147	-	-	120	1	41	162	-	-	43	135	-	178	-	487	-
15:30	-	-	-	-	-	-	-	-	157	21	178	-	-	109	1	70	180	-	-	57	151	-	208	-	566	-
15:45	-	-	-	-	-	-	-	-	153	21	174	-	-	132	-	71	203	1	-	35	184	-	219	-	596	1
16:00	-	-	-	-	-	-	-	-	160	26	186	-	-	161	1	69	231	2	-	45	220	-	265	-	682	2
16:15	-	-	-	-	-	-	-	-	180	26	206	-	-	139	-	69	208	-	-	50	240	-	290	-	704	-
16:30	-	-	-	-	-	-	-	-	137	19	156	-	-	129	1	83	213	2	-	29	227	-	256	-	625	2
16:45	-	-	-	-	-	1	-	-	169	18	187	-	-	117	-	99	216	2	-	24	234	-	258	-	661	3
17:00	-	-	-	-	-	1	-	-	199	19	218	-	-	103	-	94	197	-	-	41	225	-	266	-	681	1
17:15	-	-	-	-	-	-	-	-	141	15	156	-	-	119	-	81	200	1	-	38	217	-	255	-	611	1
17:30	-	-	-	-	-	-	-	-	116	15	131	-	-	170	1	74	245	-	-	26	194	-	220	-	596	1
17:45	-	-	-	-	-	-	-	-	136	12	148	-	-	116	-	66	182	1	-	31	163	-	194	-	524	1
<b>Total</b>	-	-	-	-	-	10	1	-	5579	505	6085	-	-	3888	10	1406	5304	17	-	973	3803	-	4776	-	16165	27
<b>% App</b>	-	-	-	-	-	-	0%	-	92%	8%	100%	-	-	73%	0%	27%	100%	-	-	20%	80%	-	100%	-	-	-
<b>% Total</b>	-	-	-	-	-	37%	0%	-	35%	3%	38%	-	-	24%	0%	9%	33%	63%	-	6%	24%	-	30%	-	100%	100%
<b>Passenger Vehicles</b>	-	-	-	-	-	-	1	-	5369	493	5863	-	-	3497	8	1378	4883	-	-	836	3673	-	4509	-	15255	-
<b>Passenger Vehicles %</b>	-	-	-	-	-	-	100%	-	96%	98%	96%	-	-	90%	80%	98%	92%	-	-	86%	97%	-	94%	-	94%	-
<b>HC Vehicles</b>	-	-	-	-	-	-	-	-	210	12	222	-	-	391	2	28	421	-	-	137	130	-	267	-	910	-
<b>HC Vehicles %</b>	-	-	-	-	-	-	-	-	4%	2%	4%	-	-	10%	20%	2%	8%	-	-	14%	3%	-	6%	-	6%	-

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 E Ramp

Start Date: Thu, Sep 13, 2018

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

Prepared by: Associated Consulting Services LLC

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(612) 568-3227

All Vehicles_AM Peak (7:30AM-8:30AM) at Larpenteur Ave & TH-280 E Ramp																										
Start Time	TH-280 E Ramp North Leg (Southbound)						Larpenteur Ave East Leg (Westbound)						TH-280 E 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	-	-	-	-	-	-	-	-	321	15	336	-	-	162	-	28	190	2	-	15	80	-	95	-	621	2
7:45	-	-	-	-	-	1	-	-	296	17	313	-	-	198	-	32	230	-	-	26	69	-	95	-	638	1
8:00	-	-	-	-	-	-	-	-	307	20	327	-	-	197	-	27	224	-	-	18	121	-	139	-	690	-
8:15	-	-	-	-	-	1	-	-	342	18	360	-	-	179	-	31	210	1	-	19	117	-	136	-	706	2
<b>Total</b>	-	-	-	-	-	2	-	-	1266	70	1336	-	-	736	-	118	854	3	-	78	387	-	465	-	2655	5
<b>% App</b>	-	-	-	-	-	-	-	-	95%	5%	100%	-	-	86%	-	14%	100%	-	-	17%	83%	-	100%	-	-	-
<b>% Total</b>	-	-	-	-	-	40%	-	-	48%	3%	50%	-	-	28%	-	4%	32%	60%	-	3%	15%	-	18%	-	100%	100%
<b>PHF</b>	-	-	-	-	-	-	-	-	0.925	0.875	0.928	-	-	0.929	-	0.922	0.928	-	-	0.750	0.800	-	0.836	-	0.940	-
<b>Passenger Vehicles</b>	-	-	-	-	-	-	-	-	1226	70	1296	-	-	686	-	115	801	-	-	59	365	-	424	-	2521	-
<b>Passenger Vehicles %</b>	-	-	-	-	-	-	-	-	97%	100%	97%	-	-	93%	-	97%	94%	-	-	76%	94%	-	91%	-	95%	-
<b>HC Vehicles</b>	-	-	-	-	-	-	-	-	40	-	40	-	-	50	-	3	53	-	-	19	22	-	41	-	134	-
<b>HC Vehicles %</b>	-	-	-	-	-	-	-	-	3%	-	3%	-	-	7%	-	3%	6%	-	-	24%	6%	-	9%	-	5%	-

All Vehicles_Midday Peak (12:00PM-1:00PM) at Larpenteur Ave & TH-280 E Ramp																										
Start Time	TH-280 E Ramp North Leg (Southbound)						Larpenteur Ave East Leg (Westbound)						TH-280 E 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	-	-	-	-	-	-	-	-	109	14	123	-	-	89	-	42	131	-	-	36	75	-	111	-	365	-
12:15	-	-	-	-	-	1	-	-	114	18	132	-	-	85	1	27	113	1	-	24	78	-	102	-	347	2
12:30	-	-	-	-	-	-	-	-	132	17	149	-	-	91	-	31	122	-	-	35	82	-	117	-	388	-
12:45	-	-	-	-	-	-	-	-	122	18	140	-	-	87	1	34	122	-	-	33	79	-	112	-	374	-
<b>Total</b>	-	-	-	-	-	1	-	-	477	67	544	-	-	352	2	134	488	1	-	128	314	-	442	-	1474	2
<b>% App</b>	-	-	-	-	-	-	-	-	88%	12%	100%	-	-	72%	0%	27%	100%	-	-	29%	71%	-	100%	-	-	-
<b>% Total</b>	-	-	-	-	-	50%	-	-	32%	5%	37%	-	-	24%	0%	9%	33%	50%	-	9%	21%	-	30%	-	100%	100%
<b>PHF</b>	-	-	-	-	-	-	-	-	0.903	0.931	0.913	-	-	0.967	0.500	0.798	0.931	-	-	0.889	0.957	-	0.944	-	0.950	-
<b>Passenger Vehicles</b>	-	-	-	-	-	-	-	-	445	66	511	-	-	287	1	130	418	-	-	101	294	-	395	-	1324	-
<b>Passenger Vehicles %</b>	-	-	-	-	-	-	-	-	93%	99%	94%	-	-	82%	50%	97%	86%	-	-	79%	94%	-	89%	-	90%	-
<b>HC Vehicles</b>	-	-	-	-	-	-	-	-	32	1	33	-	-	65	1	4	70	-	-	27	20	-	47	-	150	-
<b>HC Vehicles %</b>	-	-	-	-	-	-	-	-	7%	1%	6%	-	-	18%	50%	3%	14%	-	-	21%	6%	-	11%	-	10%	-

All Vehicles_PM Peak (4:00PM-5:00PM) at Larpenteur Ave & TH-280 E Ramp																										
Start Time	TH-280 E Ramp North Leg (Southbound)						Larpenteur Ave East Leg (Westbound)						TH-280 E 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	-	-	-	-	-	-	-	-	160	26	186	-	-	161	1	69	231	2	-	45	220	-	265	-	682	2
16:15	-	-	-	-	-	-	-	-	180	26	206	-	-	139	-	69	208	-	-	50	240	-	290	-	704	-
16:30	-	-	-	-	-	-	-	-	137	19	156	-	-	129	1	83	213	2	-	29	227	-	256	-	625	2
16:45	-	-	-	-	-	1	-	-	169	18	187	-	-	117	-	99	216	2	-	24	234	-	258	-	661	3
<b>Total</b>	-	-	-	-	-	1	-	-	646	89	735	-	-	546	2	320	868	6	-	148	921	-	1069	-	2672	7
<b>% App</b>	-	-	-	-	-	-	-	-	88%	12%	100%	-	-	63%	0%	37%	100%	-	-	14%	86%	-	100%	-	-	-
<b>% Total</b>	-	-	-	-	-	14%	-	-	24%	3%	28%	-	-	20%	0%	12%	32%	86%	-	6%	34%	-	40%	-	100%	100%
<b>PHF</b>	-	-	-	-	-	-	-	-	0.897	0.856	0.892	-	-	0.848	0.500	0.808	0.939	-	-	0.740	0.959	-	0.922	-	0.949	-
<b>Passenger Vehicles</b>	-	-	-	-	-	-	-	-	617	88	705	-	-	502	2	319	823	-	-	143	907	-	1050	-	2578	-
<b>Passenger Vehicles %</b>	-	-	-	-	-	-	-	-	96%	99%	96%	-	-	92%	100%	100%	95%	-	-	97%	98%	-	98%	-	96%	-
<b>HC Vehicles</b>	-	-	-	-	-	-	-	-	29	1	30	-	-	44	-	1	45	-	-	5	14	-	19	-	94	-
<b>HC Vehicles %</b>	-	-	-	-	-	-	-	-	4%	1%	4%	-	-	8%	-	0%	5%	-	-	3%	2%	-	2%	-	4%	-

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total  
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 dash (-) in the table indicates zero or not applicable

# Intersection Traffic Counts

**Intersection:** Larpenteur Ave & TH-280 E 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

