

# Intersection Traffic Counts

**Intersection:** East River Rd & I-694 N Ramp

**Start Date:** Tue, Sep 25, 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 East River Rd & I-694 N Ramp																										
Start Time	East River Rd North Leg (Southbound)						I-694 N Ramp East Leg (Westbound)						East River Rd South Leg (Northbound)						I-694 N Ramp 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	-	65	86	-	151	-	-	74	-	3	77	-	-	-	30	13	43	-	-	-	-	-	-	271	-	
6:15	-	84	155	-	239	-	-	65	-	10	75	-	-	-	42	26	68	-	-	-	-	-	-	382	-	
6:30	-	135	164	-	299	-	-	70	-	16	86	-	-	-	59	28	87	-	-	-	-	-	-	472	-	
6:45	-	126	160	-	286	-	-	65	-	12	77	-	-	-	65	36	101	-	-	-	-	-	-	464	-	
7:00	-	178	206	-	384	-	-	46	-	11	57	-	-	-	61	48	109	-	-	-	-	-	-	550	-	
7:15	-	201	218	-	419	-	-	41	-	5	46	-	-	-	63	38	101	-	-	-	-	-	-	566	-	
7:30	-	228	235	-	463	-	-	35	-	3	38	-	-	-	72	48	120	-	-	-	-	-	-	621	-	
7:45	1	222	218	-	441	-	-	46	-	15	61	-	-	-	89	57	146	-	-	-	-	-	-	648	-	
8:00	-	140	167	-	307	-	-	44	-	9	53	-	-	-	62	54	116	-	-	-	-	-	-	476	-	
8:15	-	138	145	-	283	-	-	44	-	9	53	-	-	-	62	52	114	-	-	-	-	-	-	450	-	
8:30	-	113	109	-	222	-	-	37	-	18	55	-	-	-	55	56	111	-	-	-	-	-	-	388	-	
8:45	-	83	88	-	171	-	-	34	-	29	63	1	-	-	101	38	139	-	-	-	-	-	-	373	1	
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11:00	1	45	52	-	98	-	-	30	-	18	48	-	-	-	72	31	103	-	-	-	-	-	-	249	-	
11:15	-	43	52	-	95	-	-	34	-	18	52	-	2	-	42	44	88	-	-	-	-	-	-	235	-	
11:30	-	44	51	-	95	-	-	39	-	17	56	-	1	-	74	43	118	-	-	-	-	-	-	269	-	
11:45	-	32	55	-	87	-	-	51	-	24	75	-	-	-	89	51	140	-	-	-	-	-	-	302	-	
12:00	-	33	40	-	73	-	-	47	-	22	69	-	-	-	85	47	132	-	-	-	-	-	-	274	-	
12:15	-	41	43	-	84	-	-	66	-	32	98	-	-	-	82	49	131	-	-	-	-	-	-	313	-	
12:30	-	45	49	-	94	-	-	65	-	26	91	-	-	-	71	58	129	-	-	-	-	-	-	314	-	
12:45	-	51	46	-	97	-	-	60	-	26	86	1	-	-	75	46	121	-	-	-	-	-	-	304	1	
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15:00	-	54	63	-	117	-	-	27	-	31	58	-	-	-	161	76	237	-	-	-	-	-	-	412	-	
15:15	-	52	46	-	98	-	1	25	-	38	64	-	-	-	208	92	300	-	-	-	-	-	-	462	-	
15:30	-	70	47	-	117	-	-	23	-	32	55	-	-	-	221	99	320	-	-	-	-	-	-	492	-	
15:45	-	68	82	-	150	-	-	21	-	30	51	-	-	-	284	84	368	-	-	-	-	-	-	569	-	
16:00	-	88	71	-	159	-	1	19	-	31	51	-	-	-	280	127	407	-	-	-	-	-	-	617	-	
16:15	-	65	67	-	132	-	-	10	-	32	42	-	-	-	307	117	424	-	-	-	-	-	-	598	-	
16:30	-	71	70	-	141	-	-	13	-	25	38	-	-	-	301	137	438	-	-	-	-	-	-	617	-	
16:45	-	73	73	-	146	-	-	23	-	27	50	-	-	-	282	111	393	-	-	-	-	-	-	589	-	
17:00	-	62	52	-	114	-	-	23	-	26	49	-	-	-	349	158	507	-	-	-	-	-	-	670	-	
17:15	-	84	67	-	151	-	-	16	-	18	34	-	-	-	264	140	404	-	-	-	-	-	-	589	-	
17:30	1	68	60	-	129	-	-	16	-	23	39	-	-	-	221	84	305	-	-	-	-	-	-	473	-	
17:45	-	55	56	-	111	-	-	14	-	33	47	-	-	-	183	73	256	-	-	-	-	-	-	414	-	
<b>Total</b>	<b>3</b>	<b>2857</b>	<b>3093</b>	<b>-</b>	<b>5953</b>	<b>-</b>	<b>2</b>	<b>1223</b>	<b>-</b>	<b>669</b>	<b>1894</b>	<b>2</b>	<b>3</b>	<b>-</b>	<b>4412</b>	<b>2161</b>	<b>6576</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>14423</b>	<b>2</b>	
<b>% App</b>	<b>0%</b>	<b>48%</b>	<b>52%</b>	<b>-</b>	<b>100%</b>	<b>-</b>	<b>0%</b>	<b>65%</b>	<b>-</b>	<b>35%</b>	<b>100%</b>	<b>-</b>	<b>0%</b>	<b>-</b>	<b>67%</b>	<b>33%</b>	<b>100%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	
<b>% Total</b>	<b>0%</b>	<b>20%</b>	<b>21%</b>	<b>-</b>	<b>41%</b>	<b>-</b>	<b>0%</b>	<b>8%</b>	<b>-</b>	<b>5%</b>	<b>13%</b>	<b>100%</b>	<b>0%</b>	<b>-</b>	<b>31%</b>	<b>15%</b>	<b>46%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>100%</b>	<b>100%</b>	
<b>Passenger Vehicles</b>	<b>3</b>	<b>2726</b>	<b>2951</b>	<b>-</b>	<b>5680</b>	<b>-</b>	<b>2</b>	<b>1041</b>	<b>-</b>	<b>669</b>	<b>1712</b>	<b>-</b>	<b>3</b>	<b>-</b>	<b>4195</b>	<b>1925</b>	<b>6123</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13515</b>	<b>-</b>	
<b>Passenger Vehicles %</b>	<b>100%</b>	<b>95%</b>	<b>95%</b>	<b>-</b>	<b>95%</b>	<b>-</b>	<b>100%</b>	<b>85%</b>	<b>-</b>	<b>100%</b>	<b>90%</b>	<b>-</b>	<b>100%</b>	<b>-</b>	<b>95%</b>	<b>89%</b>	<b>93%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>94%</b>	<b>-</b>	
<b>HC Vehicles</b>	<b>-</b>	<b>131</b>	<b>142</b>	<b>-</b>	<b>273</b>	<b>-</b>	<b>-</b>	<b>182</b>	<b>-</b>	<b>-</b>	<b>182</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>217</b>	<b>236</b>	<b>453</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>908</b>	<b>-</b>	
<b>HC Vehicles %</b>	<b>-</b>	<b>5%</b>	<b>5%</b>	<b>-</b>	<b>5%</b>	<b>-</b>	<b>-</b>	<b>15%</b>	<b>-</b>	<b>-</b>	<b>10%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5%</b>	<b>11%</b>	<b>7%</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6%</b>	<b>-</b>	

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: East River Rd & I-694 N Ramp

Prepared by: Associated Consulting Services LLC

Start Date: Tue, Sep 25, 2018

www.acsteam.com

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

(612) 568-3227

All Vehicles_AM Peak (7:00AM-8:00AM) at East River Rd & I-694 N Ramp																										
Start Time	East River Rd North Leg (Southbound)						I-694 N Ramp East Leg (Westbound)						East River Rd South Leg (Northbound)						I-694 N Ramp 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*		
	7:00	-	178	206	-	384	-	-	46	-	11	57	-	-	-	61	48	109	-	-	-	-	-	-		
7:15	-	201	218	-	419	-	-	41	-	5	46	-	-	-	63	38	101	-	-	-	-	-	-	566	-	
7:30	-	228	235	-	463	-	-	35	-	3	38	-	-	-	72	48	120	-	-	-	-	-	-	621	-	
7:45	1	222	218	-	441	-	-	46	-	15	61	-	-	-	89	57	146	-	-	-	-	-	-	648	-	
<b>Total</b>	1	829	877	-	1707	-	-	168	-	34	202	-	-	-	285	191	476	-	-	-	-	-	-	2385	-	
<b>% App</b>	0%	49%	51%	-	100%	-	-	83%	-	17%	100%	-	-	-	60%	40%	100%	-	-	-	-	-	-	-	-	
<b>% Total</b>	0%	35%	37%	-	72%	-	-	7%	-	1%	8%	-	-	-	12%	8%	20%	-	-	-	-	-	-	100%	-	
<b>PHF</b>	0.250	0.909	0.933	-	0.922	-	-	0.913	-	0.567	0.828	-	-	-	0.801	0.838	0.815	-	-	-	-	-	-	0.920	-	
<b>Passenger Vehicles</b>	1	802	852	-	1655	-	-	149	-	34	183	-	-	-	269	152	421	-	-	-	-	-	-	2259	-	
<b>Passenger Vehicles %</b>	100%	97%	97%	-	97%	-	-	89%	-	100%	91%	-	-	-	94%	80%	88%	-	-	-	-	-	-	95%	-	
<b>HC Vehicles</b>	-	27	25	-	52	-	-	19	-	-	19	-	-	-	16	39	55	-	-	-	-	-	-	126	-	
<b>HC Vehicles %</b>	-	3%	3%	-	3%	-	-	11%	-	-	9%	-	-	-	6%	20%	12%	-	-	-	-	-	-	5%	-	

All Vehicles_Midday Peak (12:00PM-1:00PM) at East River Rd & I-694 N Ramp																										
Start Time	East River Rd North Leg (Southbound)						I-694 N Ramp East Leg (Westbound)						East River Rd South Leg (Northbound)						I-694 N Ramp 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	-	33	40	-	73	-	-	47	-	22	69	-	-	-	85	47	132	-	-	-	-	-	-		
12:15	-	41	43	-	84	-	-	66	-	32	98	-	-	-	82	49	131	-	-	-	-	-	-	313	-	
12:30	-	45	49	-	94	-	-	65	-	26	91	-	-	-	71	58	129	-	-	-	-	-	-	314	-	
12:45	-	51	46	-	97	-	-	60	-	26	86	1	-	-	75	46	121	-	-	-	-	-	-	304	1	
<b>Total</b>	-	170	178	-	348	-	-	238	-	106	344	1	-	-	313	200	513	-	-	-	-	-	-	1205	1	
<b>% App</b>	-	49%	51%	-	100%	-	-	69%	-	31%	100%	-	-	-	61%	39%	100%	-	-	-	-	-	-	-	-	
<b>% Total</b>	-	14%	15%	-	29%	-	-	20%	-	9%	29%	100%	-	-	26%	17%	43%	-	-	-	-	-	-	100%	100%	
<b>PHF</b>	-	0.833	0.908	-	0.897	-	-	0.902	-	0.828	0.878	-	-	-	0.921	0.862	0.972	-	-	-	-	-	-	0.959	-	
<b>Passenger Vehicles</b>	-	150	162	-	312	-	-	202	-	106	308	-	-	-	287	147	434	-	-	-	-	-	-	1054	-	
<b>Passenger Vehicles %</b>	-	88%	91%	-	90%	-	-	85%	-	100%	90%	-	-	-	92%	74%	85%	-	-	-	-	-	-	87%	-	
<b>HC Vehicles</b>	-	20	16	-	36	-	-	36	-	-	36	-	-	-	26	53	79	-	-	-	-	-	-	151	-	
<b>HC Vehicles %</b>	-	12%	9%	-	10%	-	-	15%	-	-	10%	-	-	-	8%	27%	15%	-	-	-	-	-	-	13%	-	

All Vehicles_PM Peak (4:15PM-5:15PM) at East River Rd & I-694 N Ramp																										
Start Time	East River Rd North Leg (Southbound)						I-694 N Ramp East Leg (Westbound)						East River Rd South Leg (Northbound)						I-694 N Ramp 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*		
	16:15	-	65	67	-	132	-	-	10	-	32	42	-	-	-	307	117	424	-	-	-	-	-	-		
16:30	-	71	70	-	141	-	-	13	-	25	38	-	-	-	301	137	438	-	-	-	-	-	-	617	-	
16:45	-	73	73	-	146	-	-	23	-	27	50	-	-	-	282	111	393	-	-	-	-	-	-	589	-	
17:00	-	62	52	-	114	-	-	23	-	26	49	-	-	-	349	158	507	-	-	-	-	-	-	670	-	
<b>Total</b>	-	271	262	-	533	-	-	69	-	110	179	-	-	-	1239	523	1762	-	-	-	-	-	-	2474	-	
<b>% App</b>	-	51%	49%	-	100%	-	-	39%	-	61%	100%	-	-	-	70%	30%	100%	-	-	-	-	-	-	-	-	
<b>% Total</b>	-	11%	11%	-	22%	-	-	3%	-	4%	7%	-	-	-	50%	21%	71%	-	-	-	-	-	-	100%	-	
<b>PHF</b>	-	0.928	0.897	-	0.913	-	-	0.750	-	0.859	0.895	-	-	-	0.888	0.828	0.869	-	-	-	-	-	-	0.923	-	
<b>Passenger Vehicles</b>	-	262	251	-	513	-	-	55	-	110	165	-	-	-	1195	509	1704	-	-	-	-	-	-	2382	-	
<b>Passenger Vehicles %</b>	-	97%	96%	-	96%	-	-	80%	-	100%	92%	-	-	-	96%	97%	97%	-	-	-	-	-	-	96%	-	
<b>HC Vehicles</b>	-	9	11	-	20	-	-	14	-	-	14	-	-	-	44	14	58	-	-	-	-	-	-	92	-	
<b>HC Vehicles %</b>	-	3%	4%	-	4%	-	-	20%	-	-	8%	-	-	-	4%	3%	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:** East River Rd & I-694 N Ramp  
**Start Date:** Tue, Sep 25, 2018  
**Duration:** 6-9,11-13,15-18:00

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

