

Intersection Traffic Counts

Intersection: East River Rd & I-694 S 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 S Ramp																										
Start Time	East River Rd North Leg (Southbound)						I-694 S Ramp East Leg (Westbound)						East River Rd South Leg (Northbound)						I-694 S 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	-	29	129	-	158	-	-	64	-	25	89	-	-	-	16	43	59	-	-	-	-	-	-	306	-	
6:15	-	50	180	-	230	-	-	65	-	34	99	-	-	-	34	67	101	-	-	-	-	-	-	430	-	
6:30	-	40	175	-	215	-	-	68	-	49	117	-	-	-	40	58	98	-	-	-	-	-	-	430	-	
6:45	1	42	197	-	240	-	-	107	-	62	169	-	-	-	40	54	94	-	-	-	-	-	-	503	-	
7:00	-	66	189	-	255	-	-	79	-	38	117	-	-	-	70	91	161	-	-	-	-	-	-	533	-	
7:15	1	63	202	-	266	-	-	76	-	49	125	-	-	-	55	74	129	-	-	-	-	-	-	520	-	
7:30	1	54	221	-	276	-	-	87	-	44	131	-	-	-	73	84	157	-	-	-	-	-	-	564	-	
7:45	1	42	206	-	249	-	-	119	-	73	192	-	-	-	75	72	147	-	-	-	-	-	-	588	-	
8:00	-	32	190	-	222	-	-	77	-	42	119	-	-	-	68	61	129	-	-	-	-	-	-	470	-	
8:15	-	43	149	-	192	-	-	62	-	45	107	-	-	-	63	81	144	-	-	-	-	-	-	443	-	
8:30	-	40	108	-	148	-	-	58	-	39	97	-	-	-	83	75	158	-	-	-	-	-	-	403	-	
8:45	-	27	97	-	124	-	-	61	-	64	125	1	-	-	63	52	115	-	-	-	-	-	-	364	1	
9:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
9:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
11:00	-	30	52	-	82	-	-	34	-	50	84	1	-	-	56	89	145	-	-	-	-	-	-	311	1	
11:15	-	21	62	-	83	-	-	44	-	29	73	-	-	-	63	64	127	-	-	-	-	-	-	283	-	
11:30	-	31	66	-	97	-	-	29	-	51	80	-	-	-	66	83	149	-	-	-	-	-	-	326	-	
11:45	-	20	86	-	106	-	-	52	-	44	96	-	-	-	83	78	171	-	-	-	-	-	-	373	-	
12:00	-	25	66	-	91	-	-	59	-	47	106	-	-	-	95	90	175	-	-	-	-	-	-	372	-	
12:15	2	25	83	-	110	-	-	44	-	46	90	-	-	-	83	85	168	-	-	-	-	-	-	368	-	
12:30	1	15	97	-	113	-	-	45	-	46	91	-	-	-	76	65	141	-	-	-	-	-	-	345	-	
12:45	2	16	82	-	100	-	-	42	-	46	88	1	-	-	69	64	133	-	-	-	-	-	-	321	1	
13:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
13:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
14:45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
15:00	-	31	56	-	87	-	-	30	-	84	114	-	-	-	159	84	243	-	-	-	-	-	-	444	-	
15:15	2	18	49	-	69	-	-	30	-	126	156	-	-	-	178	83	261	-	-	-	-	-	-	486	-	
15:30	-	18	54	-	72	-	-	35	-	129	164	-	-	-	201	111	312	-	-	-	-	-	-	548	-	
15:45	1	37	59	-	97	-	-	33	-	153	186	-	-	-	199	100	299	-	-	-	-	-	-	582	-	
16:00	1	29	62	-	92	-	-	21	-	153	174	-	-	-	265	134	399	-	-	-	-	-	-	665	-	
16:15	-	23	54	-	77	-	-	27	-	162	189	-	-	-	257	89	346	-	-	-	-	-	-	612	-	
16:30	2	20	58	-	80	-	-	34	-	151	185	-	-	-	297	106	403	-	-	-	-	-	-	668	-	
16:45	3	22	72	-	97	-	-	28	-	154	182	-	-	-	256	106	362	-	-	-	-	-	-	641	-	
17:00	-	20	55	-	75	-	-	28	-	146	174	-	-	-	353	133	486	-	-	-	-	-	-	735	-	
17:15	1	22	58	-	81	-	-	24	-	148	172	-	-	-	237	88	325	-	-	-	-	-	-	578	-	
17:30	-	26	50	-	76	-	-	28	-	149	177	-	-	-	171	95	266	-	-	-	-	-	-	519	-	
17:45	-	32	36	-	68	-	-	23	-	108	131	-	-	-	147	77	224	-	-	-	-	-	-	423	-	
Total	19	1009	3300	-	4328	-	-	1613	-	2586	4199	3	-	-	3991	2636	6627	-	-	-	-	-	-	15154	3	
% App	0%	23%	76%	-	100%	-	-	38%	-	62%	100%	-	-	-	60%	40%	100%	-	-	-	-	-	-	-	-	
% Total	0%	7%	22%	-	29%	-	-	11%	-	17%	28%	100%	-	-	26%	17%	44%	-	-	-	-	-	-	100%	100%	
Passenger Vehicles	19	962	3020	-	4001	-	-	1427	-	2455	3882	-	-	-	3668	2636	6304	-	-	-	-	-	-	14187	-	
Passenger Vehicles %	100%	95%	92%	-	92%	-	-	88%	-	95%	92%	-	-	-	92%	100%	95%	-	-	-	-	-	-	94%	-	
HC Vehicles	-	47	280	-	327	-	-	186	-	131	317	-	-	-	323	-	323	-	-	-	-	-	-	967	-	
HC Vehicles %	-	5%	8%	-	8%	-	-	12%	-	5%	8%	-	-	-	8%	-	5%	-	-	-	-	-	-	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: East River Rd & I-694 S Ramp

Start Date: Tue, Sep 25, 2018

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

Prepared by: Associated Consulting Services LLC

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All Vehicles_AM Peak (7:00AM-8:00AM) at East River Rd & I-694 S Ramp																										
Start Time	East River Rd North Leg (Southbound)						I-694 S Ramp East Leg (Westbound)						East River Rd South Leg (Northbound)						I-694 S 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	-	66	189	-	255	-	-	79	-	38	117	-	-	-	70	91	161	-	-	-	-	-	-	533	-	
7:15	1	63	202	-	266	-	-	76	-	49	125	-	-	-	55	74	129	-	-	-	-	-	-	520	-	
7:30	1	54	221	-	276	-	-	87	-	44	131	-	-	-	73	84	157	-	-	-	-	-	-	564	-	
7:45	1	42	206	-	249	-	-	119	-	73	192	-	-	-	75	72	147	-	-	-	-	-	-	588	-	
Total	3	225	818	-	1046	-	-	361	-	204	565	-	-	-	273	321	594	-	-	-	-	-	-	2205	-	
% App	0%	22%	78%	-	100%	-	-	64%	-	36%	100%	-	-	-	46%	54%	100%	-	-	-	-	-	-	-	-	
% Total	0%	10%	37%	-	47%	-	-	16%	-	9%	26%	-	-	-	12%	15%	27%	-	-	-	-	-	-	100%	-	
PHF	0.750	0.852	0.925	-	0.947	-	-	0.758	-	0.699	0.736	-	-	-	0.910	0.882	0.922	-	-	-	-	-	-	0.938	-	
Passenger Vehicles	3	214	788	-	1005	-	-	346	-	196	542	-	-	-	226	321	547	-	-	-	-	-	-	2094	-	
Passenger Vehicles %	100%	95%	96%	-	96%	-	-	96%	-	96%	96%	-	-	-	83%	100%	92%	-	-	-	-	-	-	95%	-	
HC Vehicles	-	11	30	-	41	-	-	15	-	8	23	-	-	-	47	-	47	-	-	-	-	-	-	111	-	
HC Vehicles %	-	5%	4%	-	4%	-	-	4%	-	4%	4%	-	-	-	17%	-	8%	-	-	-	-	-	-	5%	-	

All Vehicles_Midday Peak (11:45AM-12:45PM) at East River Rd & I-694 S Ramp																										
Start Time	East River Rd North Leg (Southbound)						I-694 S Ramp East Leg (Westbound)						East River Rd South Leg (Northbound)						I-694 S 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*		
11:45	-	20	86	-	106	-	-	52	-	44	96	-	-	-	93	78	171	-	-	-	-	-	-	373	-	
12:00	-	25	66	-	91	-	-	59	-	47	106	-	-	-	85	90	175	-	-	-	-	-	-	372	-	
12:15	2	25	83	-	110	-	-	44	-	46	90	-	-	-	83	85	168	-	-	-	-	-	-	368	-	
12:30	1	15	97	-	113	-	-	45	-	46	91	-	-	-	76	65	141	-	-	-	-	-	-	345	-	
Total	3	85	332	-	420	-	-	200	-	183	383	-	-	-	337	318	655	-	-	-	-	-	-	1458	-	
% App	1%	20%	79%	-	100%	-	-	52%	-	48%	100%	-	-	-	51%	49%	100%	-	-	-	-	-	-	-	-	
% Total	0%	6%	23%	-	29%	-	-	14%	-	13%	26%	-	-	-	23%	22%	45%	-	-	-	-	-	-	100%	-	
PHF	0.375	0.850	0.856	-	0.929	-	-	0.847	-	0.973	0.903	-	-	-	0.906	0.883	0.936	-	-	-	-	-	-	0.977	-	
Passenger Vehicles	3	80	279	-	362	-	-	154	-	168	322	-	-	-	271	318	589	-	-	-	-	-	-	1273	-	
Passenger Vehicles %	100%	94%	84%	-	86%	-	-	77%	-	92%	84%	-	-	-	80%	100%	90%	-	-	-	-	-	-	87%	-	
HC Vehicles	-	5	53	-	58	-	-	46	-	15	61	-	-	-	66	-	66	-	-	-	-	-	-	185	-	
HC Vehicles %	-	6%	16%	-	14%	-	-	23%	-	8%	16%	-	-	-	20%	-	10%	-	-	-	-	-	-	13%	-	

All Vehicles_PM Peak (4:15PM-5:15PM) at East River Rd & I-694 S Ramp																										
Start Time	East River Rd North Leg (Southbound)						I-694 S Ramp East Leg (Westbound)						East River Rd South Leg (Northbound)						I-694 S 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	-	23	54	-	77	-	-	27	-	162	189	-	-	-	257	89	346	-	-	-	-	-	-	612	-	
16:30	2	20	58	-	80	-	-	34	-	151	185	-	-	-	297	106	403	-	-	-	-	-	-	668	-	
16:45	3	22	72	-	97	-	-	28	-	154	182	-	-	-	256	106	362	-	-	-	-	-	-	641	-	
17:00	-	20	55	-	75	-	-	28	-	146	174	-	-	-	353	133	486	-	-	-	-	-	-	735	-	
Total	5	85	239	-	329	-	-	117	-	613	730	-	-	-	1163	434	1597	-	-	-	-	-	-	2656	-	
% App	2%	26%	73%	-	100%	-	-	16%	-	84%	100%	-	-	-	73%	27%	100%	-	-	-	-	-	-	-	-	
% Total	0%	3%	9%	-	12%	-	-	4%	-	23%	27%	-	-	-	44%	16%	60%	-	-	-	-	-	-	100%	-	
PHF	0.417	0.924	0.830	-	0.848	-	-	0.860	-	0.946	0.966	-	-	-	0.824	0.816	0.822	-	-	-	-	-	-	0.903	-	
Passenger Vehicles	5	82	217	-	304	-	-	101	-	581	682	-	-	-	1138	434	1572	-	-	-	-	-	-	2558	-	
Passenger Vehicles %	100%	96%	91%	-	92%	-	-	86%	-	95%	93%	-	-	-	98%	100%	98%	-	-	-	-	-	-	96%	-	
HC Vehicles	-	3	22	-	25	-	-	16	-	32	48	-	-	-	25	-	25	-	-	-	-	-	-	98	-	
HC Vehicles %	-	4%	9%	-	8%	-	-	14%	-	5%	7%	-	-	-	2%	-	2%	-	-	-	-	-	-	4%	-	

U = U-Turn, L = Left, T = Thru, R = Right, App = Approach Total
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 % App = percentage of specific movement total in relation to its approach total
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 dash (-) in the table indicates zero or not applicable

Intersection Traffic Counts

Intersection: East River Rd & I-694 S 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

