

ALLIANT ENGINEERING, INC.

733 S Marquette Ave #700, Minneapolis, MN 55402

I-394 North Ramp & Park Place Blvd
 City: St. Louis Park
 data by: Alliant Engineering, Inc.
 TURN MOVEMENT COUNT

File Name : I-394 South Ramp & Park Place Blvd_2021
 Site Code : 1735822
 Start Date : 11/10/2021
 Page No : 1

Groups Printed- Cars - Trucks

Start Time	Park Place Blvd Southbound					I-394 South On Ramp Westbound					Park Place Blvd Northbound					I-394 South Off 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 AM	15	45	0	0	60	0	0	0	0	0	0	8	25	0	33	9	0	26	0	35	128
06:15 AM	12	27	0	0	39	0	0	0	0	0	0	21	30	0	51	5	0	32	0	37	127
06:30 AM	19	42	0	0	61	0	0	0	0	0	0	15	41	0	56	16	0	41	0	57	174
06:45 AM	13	75	0	0	88	0	0	0	1	1	0	28	39	0	67	25	0	70	0	95	251
Total	59	189	0	0	248	0	0	0	1	1	0	72	135	0	207	55	0	169	0	224	680
07:00 AM	31	59	0	0	90	0	0	0	3	3	0	55	49	0	104	23	0	68	0	91	288
07:15 AM	28	81	0	0	109	0	0	0	1	1	0	48	64	0	112	32	0	102	0	134	356
07:30 AM	42	128	1	0	171	0	0	0	3	3	0	74	71	0	145	24	0	134	0	158	477
07:45 AM	34	134	1	0	169	0	0	0	2	2	0	73	70	0	143	45	1	109	0	155	469
Total	135	402	2	0	539	0	0	0	9	9	0	250	254	0	504	124	1	413	0	538	1590
08:00 AM	44	133	0	0	177	0	0	0	1	1	0	75	74	0	149	52	2	107	0	161	488
08:15 AM	30	102	0	0	132	0	0	0	2	2	2	72	86	0	160	50	1	97	0	148	442
08:30 AM	45	104	0	0	149	0	0	0	2	2	0	55	73	0	128	38	1	87	0	126	405
08:45 AM	44	104	0	0	148	0	0	0	0	0	0	76	62	0	138	29	1	83	0	113	399
Total	163	443	0	0	606	0	0	0	5	5	2	278	295	0	575	169	5	374	0	548	1734
09:00 AM	37	90	1	1	129	0	0	0	0	0	0	64	67	0	131	28	1	79	0	108	368
09:15 AM	35	150	0	0	185	0	0	0	2	2	0	78	63	0	141	21	0	68	0	89	417
*** BREAK ***																					
Total	72	240	1	1	314	0	0	0	2	2	0	142	130	0	272	49	1	147	0	197	785
*** BREAK ***																					
10:30 AM	33	115	0	0	148	0	0	0	1	1	0	74	102	0	176	7	1	83	0	91	416
10:45 AM	36	136	0	0	172	0	0	0	0	0	0	104	108	0	212	18	1	113	0	132	516
Total	69	251	0	0	320	0	0	0	1	1	0	178	210	0	388	25	2	196	0	223	932
11:00 AM	34	151	0	0	185	0	0	0	0	0	0	107	105	0	212	11	1	92	0	104	501
11:15 AM	43	223	0	1	267	0	0	0	1	1	0	109	137	0	246	16	0	118	0	134	648
11:30 AM	40	188	0	0	228	0	0	0	0	0	0	106	144	0	250	19	1	97	0	117	595
11:45 AM	51	198	0	0	249	0	0	0	3	3	0	113	127	0	240	19	0	128	1	148	640
Total	168	760	0	1	929	0	0	0	4	4	0	435	513	0	948	65	2	435	1	503	2384
12:00 PM	48	198	0	0	246	0	0	0	0	0	0	132	125	0	257	22	1	91	0	114	617
12:15 PM	44	152	2	0	198	0	0	0	1	1	0	148	137	1	286	15	1	100	0	116	601
12:30 PM	40	190	0	0	230	0	0	0	2	2	0	127	180	0	307	20	2	99	0	121	660
12:45 PM	52	156	2	0	210	0	0	0	0	0	0	156	166	0	322	9	1	99	0	109	641
Total	184	696	4	0	884	0	0	0	3	3	0	563	608	1	1172	66	5	389	0	460	2519
*** BREAK ***																					
02:30 PM	48	147	0	0	195	0	0	0	4	4	0	127	129	0	256	21	1	82	0	104	559
02:45 PM	58	152	0	0	210	0	0	0	0	0	0	105	142	0	247	16	1	79	0	96	553
Total	106	299	0	0	405	0	0	0	4	4	0	232	271	0	503	37	2	161	0	200	1112
03:00 PM	50	165	0	0	215	0	0	0	0	0	0	132	118	0	250	18	1	88	0	107	572
03:15 PM	45	175	0	0	220	0	0	0	1	1	0	119	132	0	251	24	0	73	0	97	569
03:30 PM	51	160	0	0	211	0	0	0	0	0	0	128	122	0	250	9	1	101	0	111	572
03:45 PM	45	182	0	0	227	0	0	0	0	0	0	122	132	0	254	26	5	87	0	118	599
Total	191	682	0	0	873	0	0	0	1	1	0	501	504	0	1005	77	7	349	0	433	2312
04:00 PM	69	194	0	0	263	0	0	0	0	0	0	156	134	0	290	19	2	107	0	128	681
04:15 PM	52	175	0	0	227	0	0	0	0	0	0	136	131	0	267	23	7	124	0	154	648
04:30 PM	62	188	0	0	250	0	0	0	0	0	0	153	124	0	277	23	3	107	0	133	660

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Groups Printed- Cars - Trucks

Start Time	Park Place Blvd Southbound					I-394 South On Ramp Westbound					Park Place Blvd Northbound					I-394 South Off 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	
04:45 PM	39	180	0	0	219	0	0	0	3	3	0	145	121	0	266	15	0	136	0	151	639
Total	222	737	0	0	959	0	0	0	3	3	0	590	510	0	1100	80	12	474	0	566	2628
05:00 PM	56	189	0	0	245	0	0	0	1	1	0	170	144	0	314	24	4	115	0	143	703
05:15 PM	50	178	0	0	228	0	0	0	1	1	0	145	119	0	264	22	5	117	0	144	637
05:30 PM	41	168	0	0	209	0	0	0	0	0	0	142	98	0	240	14	2	124	0	140	589
05:45 PM	40	170	0	0	210	0	0	0	0	0	0	132	107	0	239	17	2	124	0	143	592
Total	187	705	0	0	892	0	0	0	2	2	0	589	468	0	1057	77	13	480	0	570	2521
06:00 PM	53	170	0	0	223	0	0	0	0	0	0	131	136	0	267	10	1	86	0	97	587
06:15 PM	32	119	0	0	151	0	0	0	0	0	0	127	125	0	252	23	2	87	0	112	515
Grand Total	1641	5693	7	2	7343	0	0	0	35	35	2	4088	4159	1	8250	857	53	3760	1	4671	20299
Apprch %	22.3	77.5	0.1	0		0	0	0	100		0	49.6	50.4	0		18.3	1.1	80.5	0		
Total %	8.1	28	0	0	36.2	0	0	0	0.2	0.2	0	20.1	20.5	0	40.6	4.2	0.3	18.5	0	23	
Cars	1609	5591	7	2	7209	0	0	0	28	28	2	4025	4088	1	8116	848	52	3716	0	4616	19969
% Cars	98	98.2	100	100	98.2	0	0	0	80	80	100	98.5	98.3	100	98.4	98.9	98.1	98.8	0	98.8	98.4
Trucks	32	102	0	0	134	0	0	0	7	7	0	63	71	0	134	9	1	44	1	55	330
% Trucks	2	1.8	0	0	1.8	0	0	0	20	20	0	1.5	1.7	0	1.6	1.1	1.9	1.2	100	1.2	1.6

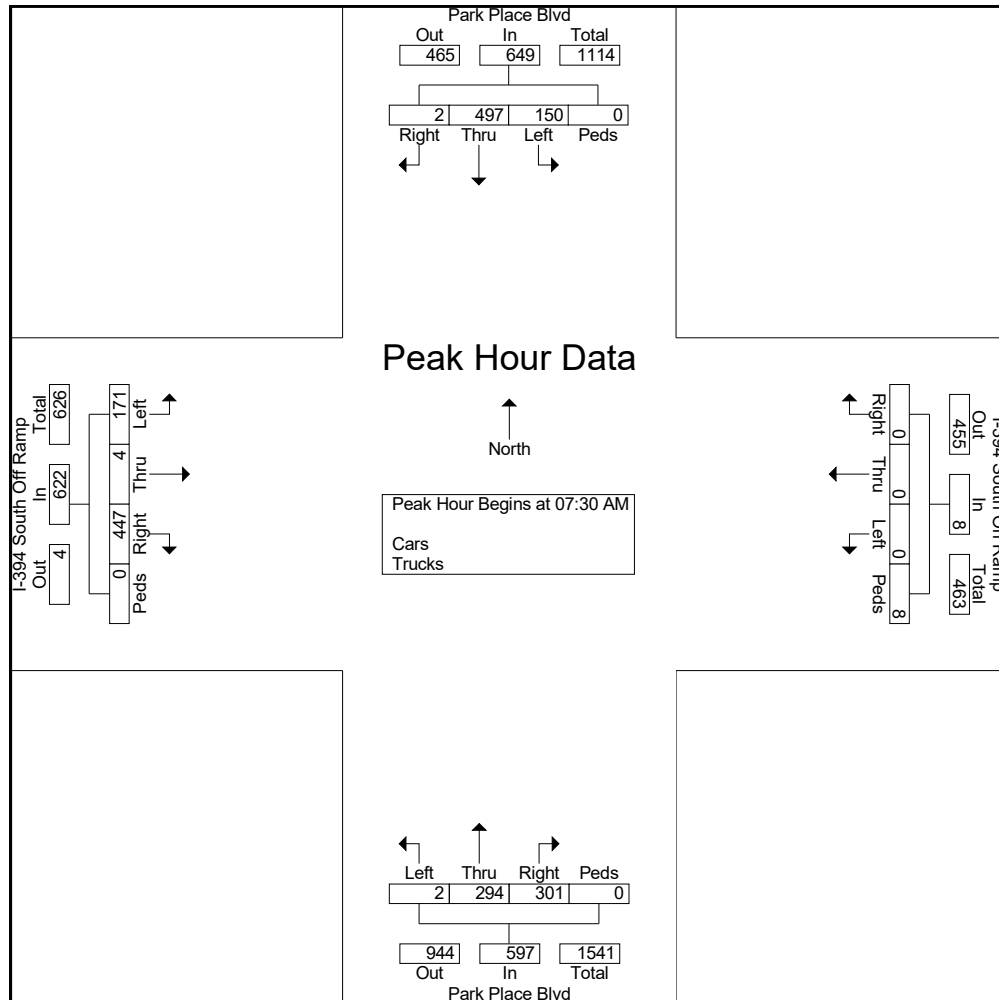
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Start Time	Park Place Blvd Southbound					I-394 South On Ramp Westbound					Park Place Blvd Northbound					I-394 South Off Ramp Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 09:45 AM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:30 AM																					
07:30 AM	42	128	1	0	171	0	0	0	3	3	0	74	71	0	145	24	0	134	0	158	477
07:45 AM	34	134	1	0	169	0	0	0	2	2	0	73	70	0	143	45	1	109	0	155	469
08:00 AM	44	133	0	0	177	0	0	0	1	1	0	75	74	0	149	52	2	107	0	161	488
08:15 AM	30	102	0	0	132	0	0	0	2	2	2	72	86	0	160	50	1	97	0	148	442
Total Volume	150	497	2	0	649	0	0	0	8	8	2	294	301	0	597	171	4	447	0	622	1876
% App. Total	23.1	76.6	0.3	0		0	0	0	100		0.3	49.2	50.4	0		27.5	0.6	71.9	0		
PHF	.852	.927	.500	.000	.917	.000	.000	.000	.667	.667	.250	.980	.875	.000	.933	.822	.500	.834	.000	.966	.961



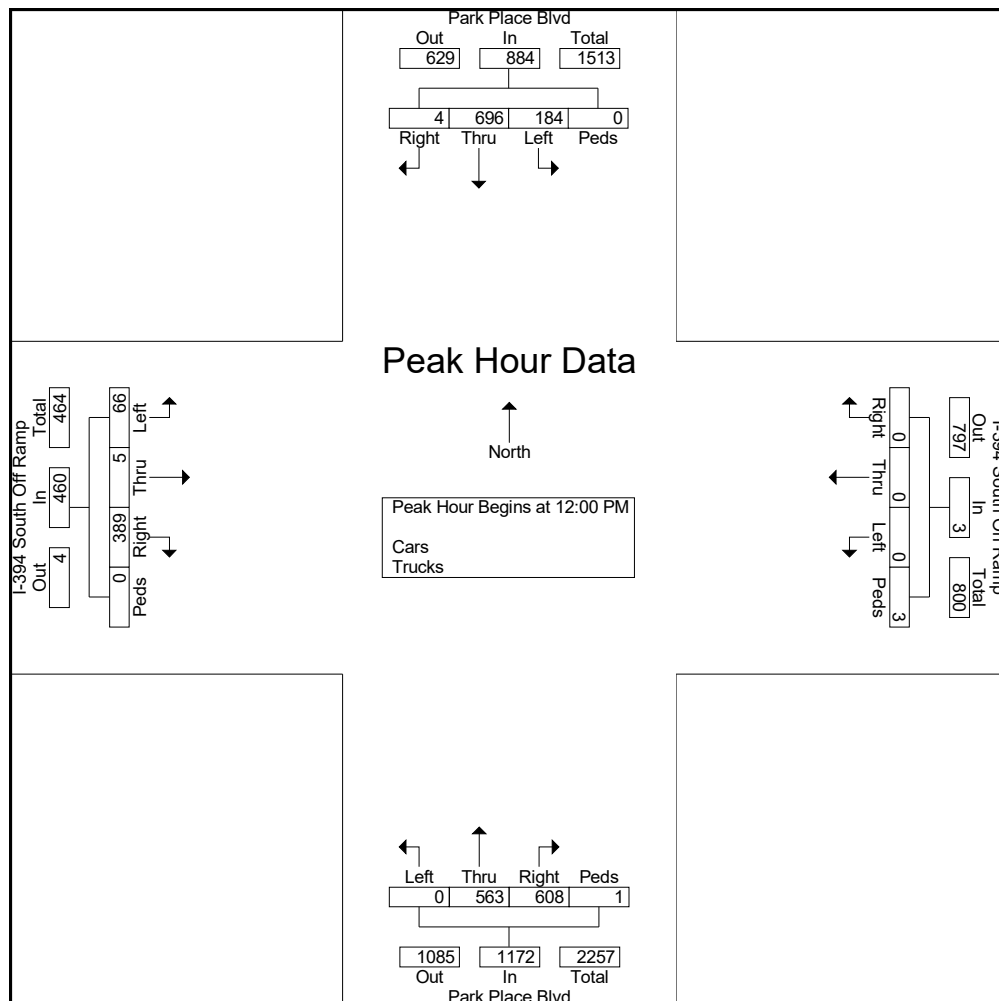
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	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
Peak Hour Analysis From 10:00 AM to 01:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 12:00 PM																					
12:00 PM	48	198	0	0	246	0	0	0	0	0	0	132	125	0	257	22	1	91	0	114	617
12:15 PM	44	152	2	0	198	0	0	0	1	1	0	148	137	1	286	15	1	100	0	116	601
12:30 PM	40	190	0	0	230	0	0	0	2	2	0	127	180	0	307	20	2	99	0	121	660
12:45 PM	52	156	2	0	210	0	0	0	0	0	0	156	166	0	322	9	1	99	0	109	641
Total Volume	184	696	4	0	884	0	0	0	3	3	0	563	608	1	1172	66	5	389	0	460	2519
% App. Total	20.8	78.7	0.5	0		0	0	0	100		0	48	51.9	0.1		14.3	1.1	84.6	0		
PHF	.885	.879	.500	.000	.898	.000	.000	.000	.375	.375	.000	.902	.844	.250	.910	.750	.625	.973	.000	.950	.954



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Start Time	Park Place Blvd Southbound					I-394 South On Ramp Westbound					Park Place Blvd Northbound					I-394 South Off 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	
Peak Hour Analysis From 02:00 PM to 06:15 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	52	175	0	0	227	0	0	0	0	0	0	136	131	0	267	23	7	124	0	154	648
04:30 PM	62	188	0	0	250	0	0	0	0	0	0	153	124	0	277	23	3	107	0	133	660
04:45 PM	39	180	0	0	219	0	0	0	3	3	0	145	121	0	266	15	0	136	0	151	639
05:00 PM	56	189	0	0	245	0	0	0	1	1	0	170	144	0	314	24	4	115	0	143	703
Total Volume	209	732	0	0	941	0	0	0	4	4	0	604	520	0	1124	85	14	482	0	581	2650
% App. Total	22.2	77.8	0	0		0	0	0	100		0	53.7	46.3	0		14.6	2.4	83	0		
PHF	.843	.968	.000	.000	.941	.000	.000	.000	.333	.333	.000	.888	.903	.000	.895	.885	.500	.886	.000	.943	.942

