



Spack Solutions

1 SE Main St, Suite 204
Minneapolis, MN 55414

TRAFFIC DATA

John Ireland Blvd at W Kellogg Blvd File Name : John Ireland Blvd at W Kellogg Blvd-N Marion St_2020
 City: St Paul Site Code : 00000000
 Data By: Spack Solutions Start Date : 16-Jul-20
 TURN MOVEMENT COUNT Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	John Ireland Blvd Southbound				W Kellogg Blvd Westbound				John Ireland Blvd Northbound				N. Marion St Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
06:00	1	2	10	1	8	28	3	3	4	3	7	1	10	104	3	1	189
06:15	3	2	9	1	8	34	3	2	6	6	13	0	16	156	4	1	264
06:30	4	3	22	0	10	41	1	2	6	6	12	1	14	184	5	1	312
06:45	9	8	21	1	20	53	7	0	11	9	12	0	18	138	9	5	321
Total	17	15	62	3	46	156	14	7	27	24	44	2	58	582	21	8	1086
07:00	4	5	13	0	12	51	11	3	15	4	17	0	23	108	6	0	272
07:15	7	14	19	0	21	60	16	3	11	8	11	0	21	124	10	1	326
07:30	2	8	21	1	22	95	14	1	10	11	24	0	32	134	18	0	393
07:45	1	8	16	0	22	93	23	3	15	19	34	2	61	160	16	0	473
Total	14	35	69	1	77	299	64	10	51	42	86	2	137	526	50	1	1464
08:00	1	5	6	0	15	69	16	3	30	19	32	1	40	113	12	1	363
08:15	3	6	17	0	20	60	7	2	9	6	28	2	40	128	9	3	340
08:30	3	4	18	0	15	71	9	1	16	15	26	0	39	127	14	1	359
08:45	8	4	7	0	13	62	7	3	18	15	31	1	45	127	13	1	355
Total	15	19	48	0	63	262	39	9	73	55	117	4	164	495	48	6	1417
09:00	3	10	17	1	14	67	12	4	12	8	18	0	27	94	8	1	296
09:15	5	16	17	1	14	64	11	1	17	15	26	0	25	100	8	2	322
09:30	7	12	11	0	10	49	11	0	8	15	20	2	24	104	9	1	283
09:45	6	6	15	1	25	86	15	2	10	9	16	1	35	118	7	2	354
Total	21	44	60	3	63	266	49	7	47	47	80	3	111	416	32	6	1255
10:00	7	11	25	1	19	74	13	1	9	12	25	1	25	96	7	2	328
10:15	6	9	15	1	22	82	9	2	13	12	28	0	25	124	12	1	361
10:30	7	13	14	2	13	87	19	1	19	9	27	1	32	122	8	3	377
10:45	8	14	21	0	19	74	15	3	17	12	16	1	39	111	7	0	357
Total	28	47	75	4	73	317	56	7	58	45	96	3	121	453	34	6	1423
11:00	7	14	32	0	16	91	15	3	14	11	18	4	32	103	5	1	366
11:15	11	14	20	1	16	73	19	4	13	21	29	1	45	100	10	1	378
11:30	12	21	34	0	15	85	15	4	18	20	24	1	32	139	7	1	428
11:45	10	16	25	1	23	120	25	8	18	24	24	0	51	147	14	2	508
Total	40	65	111	2	70	369	74	19	63	76	95	6	160	489	36	5	1680
12:00	3	26	30	0	20	111	19	3	19	17	20	3	39	139	2	2	453
12:15	8	9	24	0	23	109	26	5	18	17	35	0	47	122	7	2	452
12:30	4	14	32	1	17	99	27	5	18	19	39	1	42	140	4	0	462
12:45	10	8	16	0	16	121	20	0	26	13	23	0	44	149	6	2	454
Total	25	57	102	1	76	440	92	13	81	66	117	4	172	550	19	6	1821
13:00	9	14	21	3	15	124	19	3	24	17	31	0	50	147	7	4	488
13:15	5	19	19	0	20	116	20	4	24	14	32	1	38	147	2	3	464
13:30	7	10	28	0	17	107	16	8	24	20	36	0	44	154	4	0	475



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Groups Printed- Vehicles - Trucks

Start Time	John Ireland Blvd Southbound				W Kellogg Blvd Westbound				John Ireland Blvd Northbound				N. Marion St Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
13:45	16	10	21	0	23	114	11	2	22	12	28	1	37	145	3	2	447
Total	37	53	89	3	75	461	66	17	94	63	127	2	169	593	16	9	1874
14:00	9	13	27	0	28	113	21	1	28	15	29	0	38	126	4	4	456
14:15	11	18	23	0	24	127	26	2	24	12	20	2	42	165	11	2	509
14:30	5	18	41	0	22	125	22	1	24	15	35	0	39	157	9	0	513
14:45	9	13	30	0	21	132	25	0	16	19	37	0	45	146	6	4	503
Total	34	62	121	0	95	497	94	4	92	61	121	2	164	594	30	10	1981
15:00	13	18	25	1	19	156	27	2	20	12	35	1	51	129	3	2	514
15:15	10	12	25	0	21	158	18	0	24	17	35	1	56	129	6	3	515
15:30	15	13	40	0	33	181	20	0	25	18	41	1	45	155	7	1	595
15:45	9	19	40	0	27	164	21	5	17	12	30	2	47	138	8	2	541
Total	47	62	130	1	100	659	86	7	86	59	141	5	199	551	24	8	2165
16:00	10	20	32	0	29	151	29	1	17	14	18	0	40	144	5	3	513
16:15	6	16	30	0	12	126	30	1	32	12	25	1	46	135	10	3	485
16:30	12	20	26	0	20	145	25	4	36	10	36	1	60	145	5	2	547
16:45	17	22	33	1	25	112	24	4	28	14	32	1	54	168	9	4	548
Total	45	78	121	1	86	534	108	10	113	50	111	3	200	592	29	12	2093
17:00	7	28	24	1	19	141	24	1	17	14	22	0	65	134	6	1	504
17:15	7	25	26	1	16	101	22	3	18	16	15	0	63	122	2	4	441
17:30	9	21	29	5	27	119	20	2	25	13	22	3	51	131	3	3	483
17:45	7	17	20	0	24	84	21	0	22	11	32	0	59	128	4	3	432
Total	30	91	99	7	86	445	87	6	82	54	91	3	238	515	15	11	1860
Grand Total	353	628	1087	26	910	4705	829	116	867	642	1226	39	1893	6356	354	88	20119
Approch %	16.9	30	51.9	1.2	13.9	71.7	12.6	1.8	31.3	23.1	44.2	1.4	21.8	73.1	4.1	1	
Total %	1.8	3.1	5.4	0.1	4.5	23.4	4.1	0.6	4.3	3.2	6.1	0.2	9.4	31.6	1.8	0.4	
Vehicles	319	619	1065	16	877	4531	771	100	814	635	1212	39	1875	6133	325	59	19390
% Vehicles	90.4	98.6	98	61.5	96.4	96.3	93	86.2	93.9	98.9	98.9	100	99	96.5	91.8	67	96.4
Trucks	34	9	22	10	33	174	58	16	53	7	14	0	18	223	29	29	729
% Trucks	9.6	1.4	2	38.5	3.6	3.7	7	13.8	6.1	1.1	1.1	0	1	3.5	8.2	33	3.6



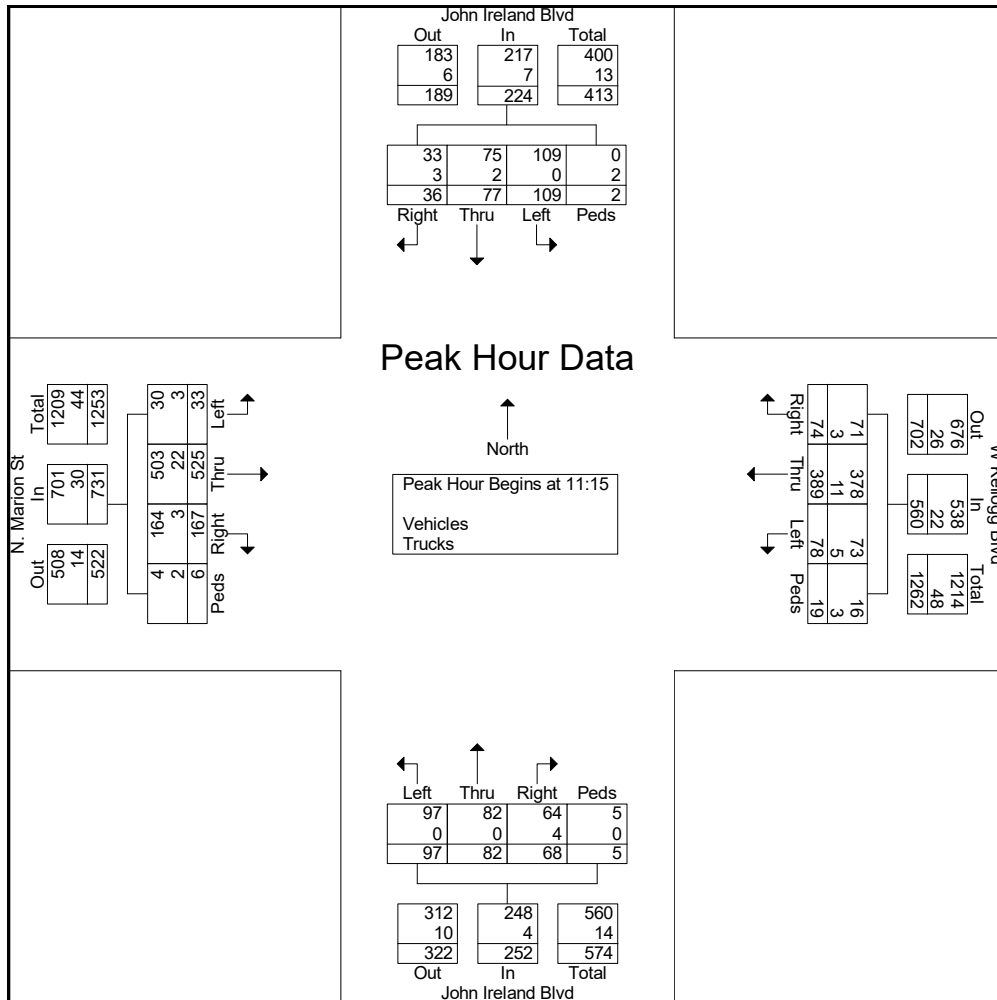
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Start Time	John Ireland Blvd Southbound					W Kellogg Blvd Westbound					John Ireland Blvd Northbound					N. Marion St Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 to 12:00 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 11:15																					
11:15	11	14	20	1	46	16	73	19	4	112	13	21	29	1	64	45	100	10	1	156	378
11:30	12	21	34	0	67	15	85	15	4	119	18	20	24	1	63	32	139	7	1	179	428
11:45	10	16	25	1	52	23	120	25	8	176	18	24	24	0	66	51	147	14	2	214	508
12:00	3	26	30	0	59	20	111	19	3	153	19	17	20	3	59	39	139	2	2	182	453
Total Volume	36	77	109	2	224	74	389	78	19	560	68	82	97	5	252	167	525	33	6	731	1767
% App. Total	16.1	34.4	48.7	0.9		13.2	69.5	13.9	3.4		27	32.5	38.5	2		22.8	71.8	4.5	0.8		
PHF	.750	.740	.801	.500	.836	.804	.810	.780	.594	.795	.895	.854	.836	.417	.955	.819	.893	.589	.750	.854	.870
Vehicles	33	75	109	0	217	71	378	73	16	538	64	82	97	5	248	164	503	30	4	701	1704
% Vehicles	91.7	97.4	100	0	96.9	95.9	97.2	93.6	84.2	96.1	94.1	100	100	100	98.4	98.2	95.8	90.9	66.7	95.9	96.4
Trucks	3	2	0	2	7	3	11	5	3	22	4	0	0	0	4	3	22	3	2	30	63
% Trucks	8.3	2.6	0	100	3.1	4.1	2.8	6.4	15.8	3.9	5.9	0	0	1.6	1.8	4.2	9.1	33.3	4.1	3.6	





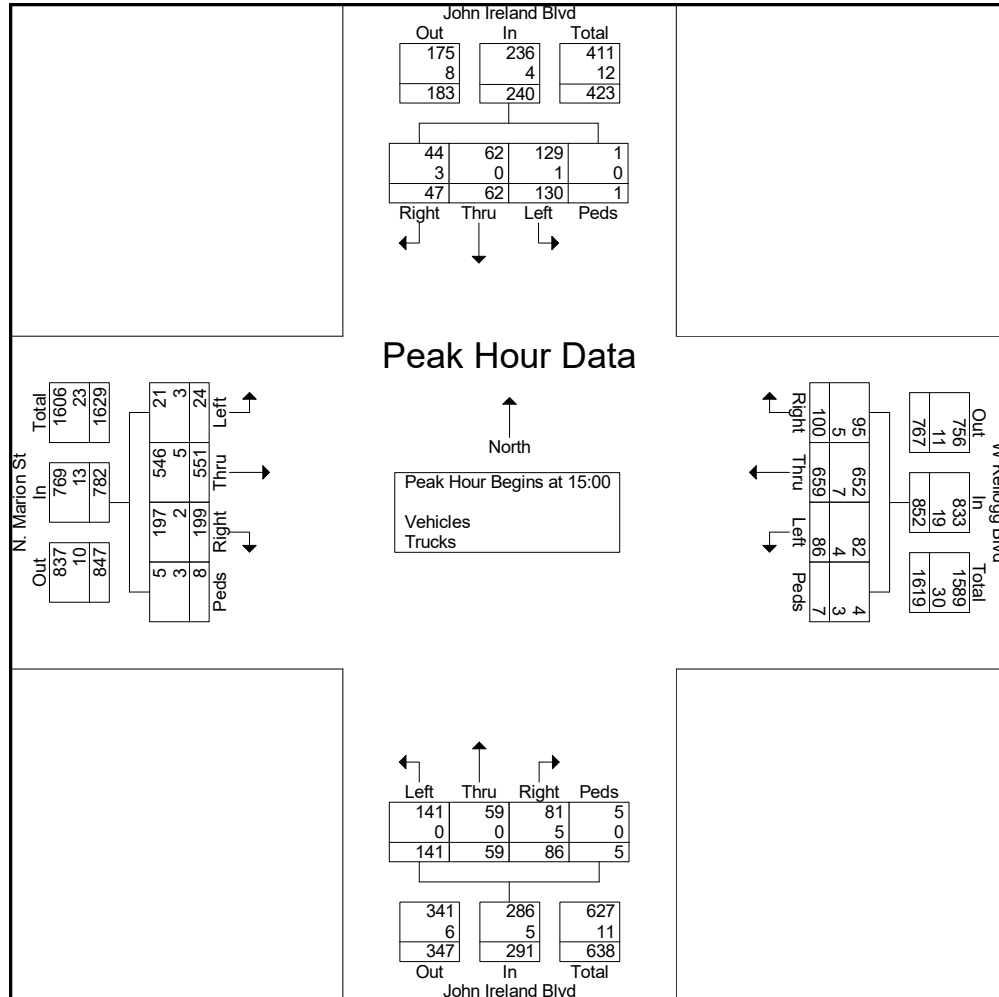
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 TURN MOVEMENT COUNT Page No : 4

Start Time	John Ireland Blvd Southbound					W Kellogg Blvd Westbound					John Ireland Blvd Northbound					N. Marion St Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 12:15 to 17:45 - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 15:00																					
15:00	13	18	25	1	57	19	156	27	2	204	20	12	35	1	68	51	129	3	2	185	514
15:15	10	12	25	0	47	21	158	18	0	197	24	17	35	1	77	56	129	6	3	194	515
15:30	15	13	40	0	68	33	181	20	0	234	25	18	41	1	85	45	155	7	1	208	595
15:45	9	19	40	0	68	27	164	21	5	217	17	12	30	2	61	47	138	8	2	195	541
Total Volume	47	62	130	1	240	100	659	86	7	852	86	59	141	5	291	199	551	24	8	782	2165
% App. Total	19.6	25.8	54.2	0.4		11.7	77.3	10.1	0.8		29.6	20.3	48.5	1.7		25.4	70.5	3.1	1		
PHF	.783	.816	.813	.250	.882	.758	.910	.796	.350	.910	.860	.819	.860	.625	.856	.888	.889	.750	.667	.940	.910
Vehicles	44	62	129	1	236	95	652	82	4	833	81	59	141	5	286	197	546	21	5	769	2124
% Vehicles	93.6	100	99.2	100	98.3	95.0	98.9	95.3	57.1	97.8	94.2	100	100	98.3	99.0	99.1	87.5	62.5		98.3	98.1
Trucks	3	0	1	0	4	5	7	4	3	19	5	0	0	0	5	2	5	3	3	13	41
% Trucks	6.4	0	0.8	0	1.7	5.0	1.1	4.7	42.9	2.2	5.8	0	0	1.7	1.0	0.9	12.5	37.5	1.7		1.9



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