



# Spack Solutions

1 SE Main St, Suite 204  
Minneapolis, MN 55414

## TRAFFIC DATA

TH-36 Commerce St at Albert St  
City: Roseville  
Data By: Spack Solutions  
TURN MOVEMENT COUNT

File Name : TH-36 Commerce St at Albert St 2020  
Site Code : 00000000  
Start Date : 22-Jul-20  
Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	TH-36 EB Ramp Southbound				Commerce St Westbound				Albert St Northbound				Commerce St Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
06:00	0	4	3	0	2	4	0	0	0	1	0	0	0	1	3	0	18
06:15	0	6	7	0	10	2	0	0	0	2	0	0	0	0	3	0	30
06:30	2	4	2	0	14	7	0	0	1	2	0	0	1	0	0	0	33
06:45	10	3	5	0	16	10	2	0	0	1	0	0	0	4	0	0	51
Total	12	17	17	0	42	23	2	0	1	6	0	0	1	5	6	0	132
07:00	3	2	11	0	10	11	1	0	0	1	0	0	0	3	11	0	53
07:15	2	7	12	0	17	8	0	0	1	4	2	0	0	3	2	0	58
07:30	5	4	17	0	23	15	3	0	1	0	0	0	0	5	6	0	79
07:45	4	5	15	0	16	13	1	0	1	3	1	0	0	4	6	0	69
Total	14	18	55	0	66	47	5	0	3	8	3	0	0	15	25	0	259
08:00	4	8	8	0	22	9	3	0	3	6	0	0	2	5	2	0	72
08:15	6	4	16	0	21	13	0	0	4	1	0	0	1	3	2	0	71
08:30	7	3	11	0	15	10	1	0	1	1	0	0	0	7	3	0	59
08:45	8	9	10	0	21	17	1	0	2	0	0	0	0	9	3	0	80
Total	25	24	45	0	79	49	5	0	10	8	0	0	3	24	10	0	282
09:00	5	2	12	0	23	12	1	0	0	2	0	0	0	4	5	0	66
09:15	12	4	13	0	16	15	4	0	1	4	1	0	1	8	7	0	86
09:30	9	3	12	0	19	13	2	0	3	2	0	0	1	10	10	0	84
09:45	12	6	12	0	15	22	3	0	1	4	1	0	2	13	7	0	98
Total	38	15	49	0	73	62	10	0	5	12	2	0	4	35	29	0	334
10:00	6	9	7	0	20	17	5	0	2	2	1	0	0	11	7	0	87
10:15	11	3	11	0	17	18	3	0	2	4	1	0	1	10	6	0	87
10:30	4	8	15	0	24	18	4	0	1	3	0	0	0	11	5	0	93
10:45	13	6	11	0	24	19	1	0	2	4	0	0	3	17	8	0	108
Total	34	26	44	0	85	72	13	0	7	13	2	0	4	49	26	0	375
11:00	6	9	8	0	20	15	1	0	0	7	0	0	0	12	5	0	83
11:15	10	6	9	0	23	27	2	0	1	7	0	0	0	7	13	0	105
11:30	6	10	12	1	25	25	5	0	0	10	0	0	1	15	8	0	118
11:45	11	6	23	1	30	23	2	0	3	8	1	0	1	24	8	0	141
Total	33	31	52	2	98	90	10	0	4	32	1	0	2	58	34	0	447
12:00	4	8	20	0	26	33	1	0	3	8	0	0	1	13	5	0	122
12:15	14	9	12	0	24	28	5	0	1	6	0	0	0	11	9	0	119
12:30	11	11	16	0	34	25	2	0	3	4	1	0	0	13	10	0	130
12:45	12	6	14	0	32	20	3	0	3	8	1	0	1	10	14	0	124
Total	41	34	62	0	116	106	11	0	10	26	2	0	2	47	38	0	495
13:00	9	4	17	1	23	21	4	0	2	3	0	0	1	8	14	0	107
13:15	9	8	20	0	29	20	4	0	0	2	0	0	1	14	8	0	115
13:30	5	6	17	0	35	29	2	0	2	7	0	0	0	14	14	0	131



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File Name : TH-36 Commerce St at Albert St 2020  
Site Code : 00000000  
Start Date : 22-Jul-20  
Page No : 2

Groups Printed- Vehicles - Trucks

Start Time	TH-36 EB Ramp Southbound				Commerce St Westbound				Albert St Northbound				Commerce St Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
13:45	14	3	15	0	22	27	2	0	4	3	0	0	2	17	7	0	116
Total	37	21	69	1	109	97	12	0	8	15	0	0	4	53	43	0	469
14:00	14	9	11	0	32	23	4	0	4	3	0	0	2	13	16	0	131
14:15	13	8	20	0	33	32	2	0	3	4	1	0	3	13	8	0	140
14:30	15	7	13	0	40	27	3	0	3	5	0	0	1	23	15	0	152
14:45	11	6	17	0	37	26	4	0	2	5	1	0	0	7	6	0	122
Total	53	30	61	0	142	108	13	0	12	17	2	0	6	56	45	0	545
15:00	6	8	20	0	37	29	2	0	3	8	2	0	3	12	15	0	145
15:15	15	7	26	0	39	20	3	0	2	11	0	0	0	12	9	0	144
15:30	12	8	20	0	54	23	3	0	3	8	0	0	0	21	12	0	164
15:45	9	5	20	0	38	29	3	0	0	8	3	0	1	17	15	0	148
Total	42	28	86	0	168	101	11	0	8	35	5	0	4	62	51	0	601
16:00	14	10	10	0	32	22	3	0	1	4	0	0	1	17	15	0	129
16:15	10	9	18	0	25	29	2	0	1	4	0	0	0	22	14	0	134
16:30	10	13	23	3	34	30	3	0	0	2	1	0	1	20	14	0	154
16:45	16	11	21	0	39	29	1	0	5	8	0	0	1	20	17	0	168
Total	50	43	72	3	130	110	9	0	7	18	1	0	3	79	60	0	585
17:00	12	7	16	2	40	21	2	0	5	7	0	0	0	23	20	0	155
17:15	9	7	19	0	45	27	2	0	3	7	0	0	1	11	15	0	146
17:30	9	10	22	0	27	22	1	0	1	11	2	0	1	10	16	0	132
17:45	9	3	25	0	23	28	2	0	0	7	0	0	1	18	19	0	135
Total	39	27	82	2	135	98	7	0	9	32	2	0	3	62	70	0	568
Grand Total	418	314	694	8	1243	963	108	0	84	222	20	0	36	545	437	0	5092
Apprch %	29.1	21.9	48.4	0.6	53.7	41.6	4.7	0	25.8	68.1	6.1	0	3.5	53.5	42.9	0	
Total %	8.2	6.2	13.6	0.2	24.4	18.9	2.1	0	1.6	4.4	0.4	0	0.7	10.7	8.6	0	
Vehicles	408	310	676	2	1232	937	106	0	84	219	19	0	36	516	434	0	4979
% Vehicles	97.6	98.7	97.4	25	99.1	97.3	98.1	0	100	98.6	95	0	100	94.7	99.3	0	97.8
Trucks	10	4	18	6	11	26	2	0	0	3	1	0	0	29	3	0	113
% Trucks	2.4	1.3	2.6	75	0.9	2.7	1.9	0	0	1.4	5	0	0	5.3	0.7	0	2.2



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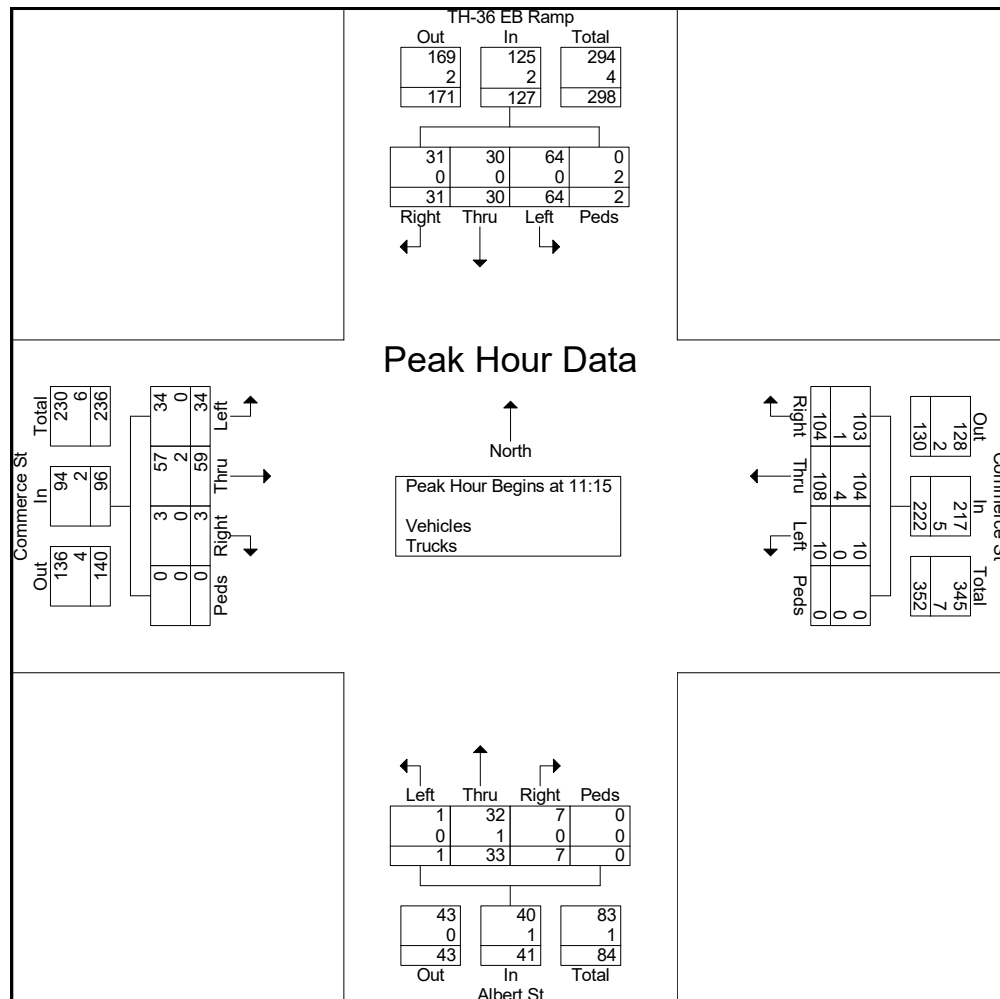
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Site Code : 00000000  
Start Date : 22-Jul-20  
Page No : 3

Start Time	TH-36 EB Ramp Southbound					Commerce St Westbound					Albert St Northbound					Commerce 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	10	6	9	0	25	23	27	2	0	52	1	7	0	0	8	0	7	13	0	20	105
11:30	6	10	12	1	29	25	25	5	0	55	0	10	0	0	10	1	15	8	0	24	118
11:45	11	6	23	1	41	30	23	2	0	55	3	8	1	0	12	1	24	8	0	33	141
12:00	4	8	20	0	32	26	33	1	0	60	3	8	0	0	11	1	13	5	0	19	122
Total Volume	31	30	64	2	127	104	108	10	0	222	7	33	1	0	41	3	59	34	0	96	486
% App. Total	24.4	23.6	50.4	1.6		46.8	48.6	4.5	0		17.1	80.5	2.4	0		3.1	61.5	35.4	0		
PHF	.705	.750	.696	.500	.774	.867	.818	.500	.000	.925	.583	.825	.250	.000	.854	.750	.615	.654	.000	.727	.862
Vehicles	31	30	64	0	125	103	104	10	0	217	7	32	1	0	40	3	57	34	0	94	476
% Vehicles	100	100	100	0	98.4	99.0	96.3	100	0	97.7	100	97.0	100	0	97.6	100	96.6	100	0	97.9	97.9
Trucks	0	0	0	2	2	1	4	0	0	5	0	1	0	0	1	0	2	0	0	2	10
% Trucks	0	0	0	100	1.6	1.0	3.7	0	0	2.3	0	3.0	0	0	2.4	0	3.4	0	0	2.1	2.1





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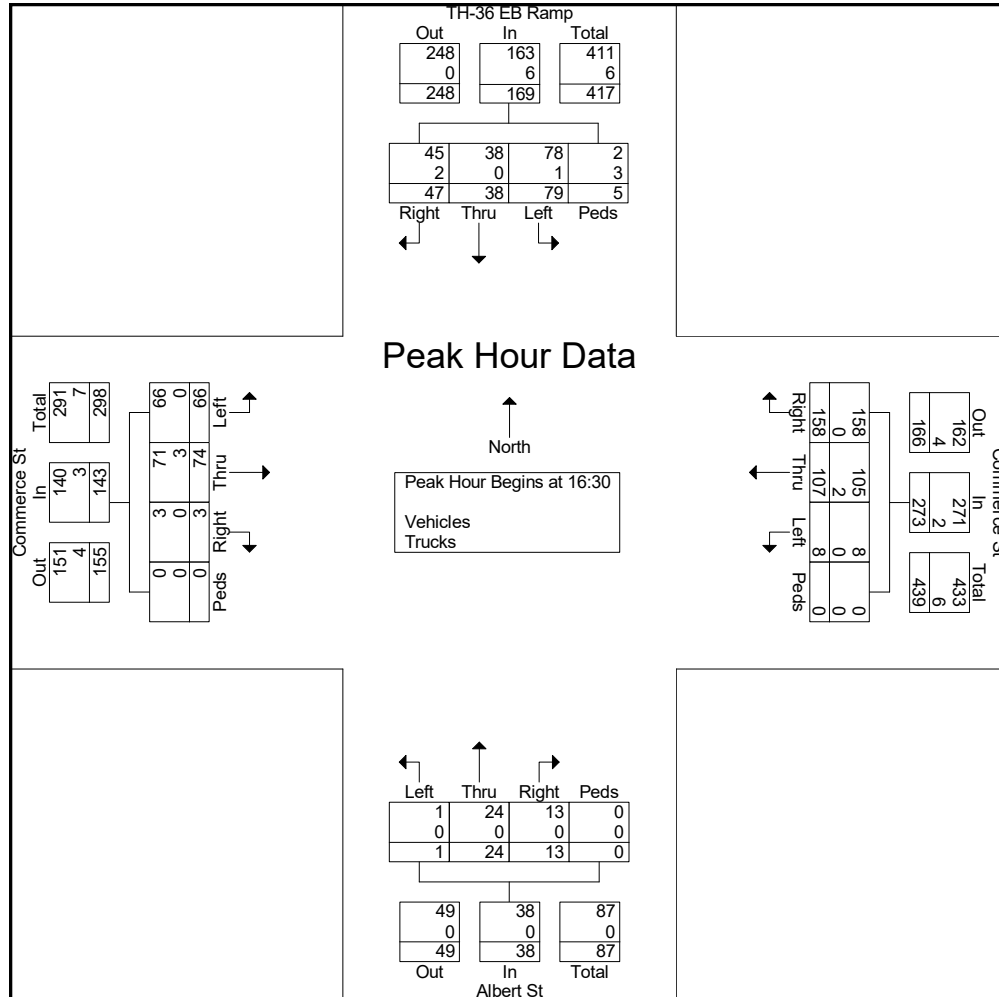
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TURN MOVEMENT COUNT

File Name : TH-36 Commerce St at Albert St 2020  
Site Code : 00000000  
Start Date : 22-Jul-20  
Page No : 4

Start Time	TH-36 EB Ramp Southbound					Commerce St Westbound					Albert St Northbound					Commerce 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 16:30																					
16:30	10	13	23	3	49	34	30	3	0	67	0	2	1	0	3	1	20	14	0	35	154
16:45	16	11	21	0	48	39	29	1	0	69	5	8	0	0	13	1	20	17	0	38	168
17:00	12	7	16	2	37	40	21	2	0	63	5	7	0	0	12	0	23	20	0	43	155
17:15	9	7	19	0	35	45	27	2	0	74	3	7	0	0	10	1	11	15	0	27	146
Total Volume	47	38	79	5	169	158	107	8	0	273	13	24	1	0	38	3	74	66	0	143	623
% App. Total	27.8	22.5	46.7	3		57.9	39.2	2.9	0		34.2	63.2	2.6	0		2.1	51.7	46.2	0		
PHF	.734	.731	.859	.417	.862	.878	.892	.667	.000	.922	.650	.750	.250	.000	.731	.750	.804	.825	.000	.831	.927
Vehicles	45	38	78	2	163	158	105	8	0	271	13	24	1	0	38	3	71	66	0	140	612
% Vehicles	95.7	100	98.7	40.0	96.4	100	98.1	100	0	99.3	100	100	100	0	100	100	95.9	100	0	97.9	98.2
Trucks	2	0	1	3	6	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	11
% Trucks	4.3	0	1.3	60.0	3.6	0	1.9	0	0	0.7	0	0	0	0	0	0	4.1	0	0	2.1	1.8



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