



# Spack Solutions

43 Main Street SE, Suite 136  
Minneapolis, MN 55414

TH-62 at 28th Ave North Ramp  
City: Minneapolis  
Data By: Spack Solutions  
TURN MOVEMENT COUNT

File Name : TH-62-at-28th-Ave-North-Ramp  
Site Code : 00000000  
Start Date : 5/18/2021  
Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	28th Ave Southbound				Ramp from WB TH-52 Westbound				28th Ave Northbound				N/A Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
06:00 AM	20	15	0	0	2	0	5	0	0	10	5	0	0	0	0	0	57
06:15 AM	24	15	0	0	5	0	4	0	0	25	4	0	0	0	0	0	77
06:30 AM	45	21	0	0	3	0	7	0	0	19	6	0	0	0	0	0	101
06:45 AM	48	16	0	0	8	0	8	0	0	24	5	0	0	0	0	0	109
Total	137	67	0	0	18	0	24	0	0	78	20	0	0	0	0	0	344
07:00 AM	52	15	0	0	5	1	3	0	0	21	6	0	0	0	0	0	103
07:15 AM	73	26	0	0	6	0	1	0	0	36	4	0	0	0	0	0	146
07:30 AM	67	29	0	0	8	0	5	0	0	38	11	0	0	0	0	0	158
07:45 AM	63	20	0	0	13	0	8	0	0	50	9	0	0	0	0	0	163
Total	255	90	0	0	32	1	17	0	0	145	30	0	0	0	0	0	570
08:00 AM	74	29	0	0	5	0	5	0	0	55	6	0	0	0	0	0	174
08:15 AM	51	22	0	0	8	0	5	0	0	41	10	0	0	0	0	0	137
08:30 AM	60	19	0	0	19	0	4	0	0	54	8	0	0	0	0	0	164
08:45 AM	55	15	0	0	9	0	0	0	0	55	12	0	0	0	0	0	146
Total	240	85	0	0	41	0	14	0	0	205	36	0	0	0	0	0	621
09:00 AM	42	11	0	0	6	0	4	0	0	45	18	0	0	0	0	0	126
09:15 AM	56	22	0	0	8	0	2	0	0	49	8	0	0	0	0	0	145
09:30 AM	58	26	0	0	11	0	4	0	0	40	13	0	0	0	0	0	152
09:45 AM	57	15	0	0	11	0	6	1	0	43	8	0	0	0	0	0	141
Total	213	74	0	0	36	0	16	1	0	177	47	0	0	0	0	0	564
10:00 AM	47	16	0	1	2	0	6	1	0	39	7	0	0	0	0	4	123
10:15 AM	38	15	0	0	6	0	0	0	0	39	14	0	0	0	0	3	115
10:30 AM	33	13	0	0	10	1	3	0	0	37	12	0	0	0	0	1	110
10:45 AM	32	10	0	0	6	0	3	1	0	38	10	0	0	0	0	0	100
Total	150	54	0	1	24	1	12	2	0	153	43	0	0	0	0	8	448
11:00 AM	46	9	0	0	5	1	3	0	0	33	16	0	0	0	0	0	113
11:15 AM	45	9	0	0	12	0	4	0	0	45	9	0	0	0	0	0	124
11:30 AM	61	23	0	0	10	0	4	1	0	49	16	1	0	0	0	0	165
11:45 AM	41	18	0	0	11	0	4	0	0	70	15	0	0	0	0	0	159
Total	193	59	0	0	38	1	15	1	0	197	56	1	0	0	0	0	561
12:00 PM	38	14	0	0	13	0	0	0	0	69	10	0	0	0	0	0	144
12:15 PM	55	19	0	0	9	0	9	0	0	67	18	0	0	0	0	0	177
12:30 PM	40	19	0	0	4	1	3	0	0	76	11	0	0	0	0	0	154
12:45 PM	42	15	0	0	14	0	1	0	0	49	14	0	0	0	0	0	135
Total	175	67	0	0	40	1	13	0	0	261	53	0	0	0	0	0	610
01:00 PM	46	20	0	0	10	0	4	2	0	64	10	0	0	0	0	0	156
01:15 PM	36	13	0	0	11	0	7	0	0	62	17	0	0	0	0	0	146
01:30 PM	45	20	0	0	9	0	5	0	0	65	11	0	0	0	0	0	155
01:45 PM	41	14	0	0	9	0	1	0	0	62	37	0	0	0	0	0	164
Total	168	67	0	0	39	0	17	2	0	253	75	0	0	0	0	0	621
02:00 PM	40	12	0	0	11	0	3	0	0	46	17	0	0	0	0	0	129
02:15 PM	43	16	0	0	6	0	1	0	0	76	18	0	0	0	0	1	161



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Page No : 2

Groups Printed- Vehicles - Trucks

Start Time	28th Ave Southbound				Ramp from WB TH-52 Westbound				28th Ave Northbound				N/A Eastbound				Int. Total	
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds		
02:30 PM	45	18	0	0	12	0	3	0	0	75	15	0	0	0	0	0	1	169
02:45 PM	53	15	0	0	9	0	3	1	0	76	14	0	0	0	0	0	1	172
Total	181	61	0	0	38	0	10	1	0	273	64	0	0	0	0	0	3	631
03:00 PM	48	18	0	0	14	0	7	0	0	74	14	0	0	0	0	0	0	175
03:15 PM	46	15	0	0	20	0	4	0	0	72	16	0	0	0	0	0	0	173
03:30 PM	47	27	0	0	24	2	2	0	0	96	15	0	0	0	0	0	0	213
03:45 PM	59	27	0	0	16	0	2	0	0	86	10	0	0	0	0	0	0	200
Total	200	87	0	0	74	2	15	0	0	328	55	0	0	0	0	0	0	761
04:00 PM	60	22	0	0	21	2	2	0	0	97	8	0	0	0	0	0	0	212
04:15 PM	72	29	0	0	28	1	2	1	0	103	14	1	0	0	0	0	0	251
04:30 PM	68	25	0	0	22	0	2	0	0	98	17	0	0	0	0	0	0	232
04:45 PM	76	38	0	0	24	0	0	0	0	91	11	0	0	0	0	0	0	240
Total	276	114	0	0	95	3	6	1	0	389	50	1	0	0	0	0	0	935
05:00 PM	51	26	0	0	25	0	0	0	0	100	18	0	0	0	0	0	0	220
05:15 PM	65	19	0	0	20	0	1	0	0	100	16	0	0	0	0	0	0	221
05:30 PM	66	30	0	0	14	0	4	0	0	124	13	0	0	0	0	0	0	251
05:45 PM	50	24	0	0	23	1	0	0	0	127	13	0	0	0	0	0	0	238
Total	232	99	0	0	82	1	5	0	0	451	60	0	0	0	0	0	0	930
Grand Total	2420	924	0	1	557	10	164	8	0	2910	589	2	0	0	0	11		7596
Apprch %	72.3	27.6	0	0	75.4	1.4	22.2	1.1	0	83.1	16.8	0.1	0	0	0	100		
Total %	31.9	12.2	0	0	7.3	0.1	2.2	0.1	0	38.3	7.8	0	0	0	0	0.1		
Vehicles	2334	910	0	1	545	10	154	8	0	2804	573	2	0	0	0	11		7352
% Vehicles	96.4	98.5	0	100	97.8	100	93.9	100	0	96.4	97.3	100	0	0	0	100		96.8
Trucks	86	14	0	0	12	0	10	0	0	106	16	0	0	0	0	0		244
% Trucks	3.6	1.5	0	0	2.2	0	6.1	0	0	3.6	2.7	0	0	0	0	0		3.2



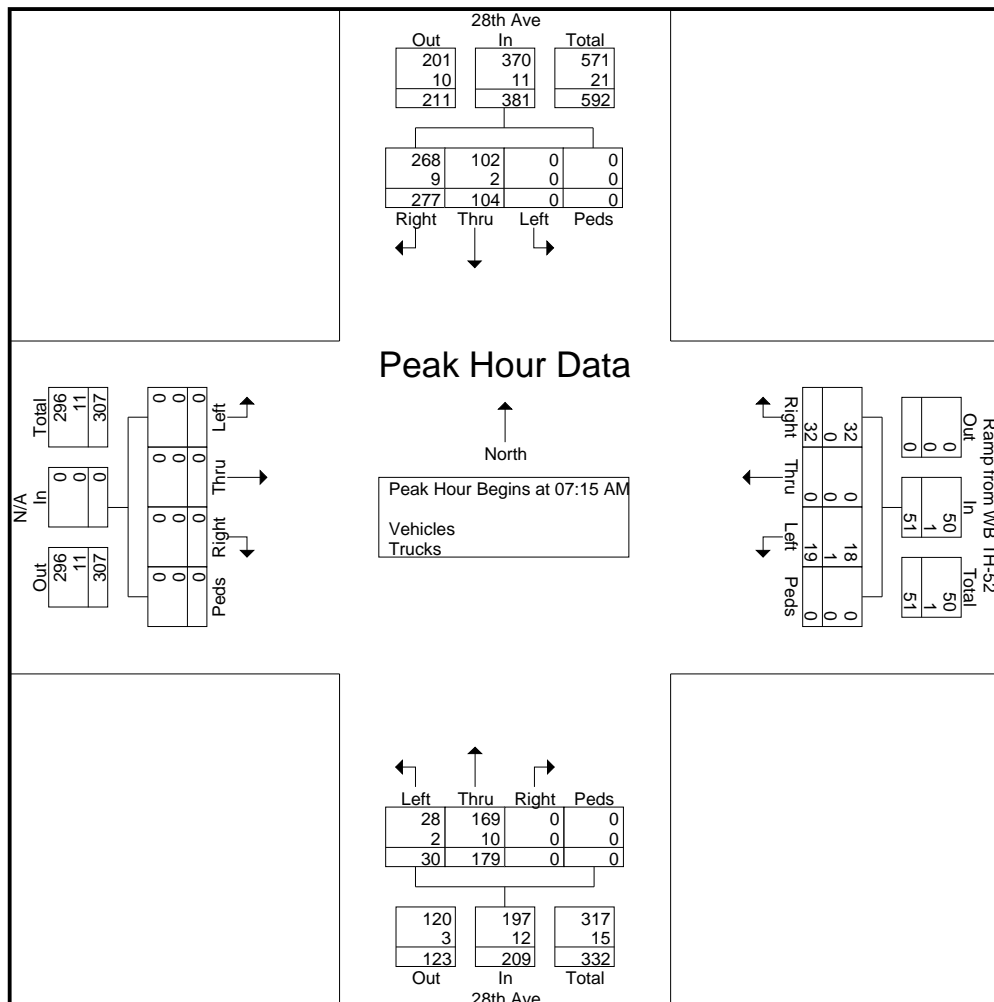
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Start Time	28th Ave Southbound					Ramp from WB TH-52 Westbound					28th Ave Northbound					N/A Eastbound					Int. Total
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 12:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 07:15 AM																					
07:15 AM	73	26	0	0	99	6	0	1	0	7	0	36	4	0	40	0	0	0	0	0	146
07:30 AM	67	29	0	0	96	8	0	5	0	13	0	38	11	0	49	0	0	0	0	0	158
07:45 AM	63	20	0	0	83	13	0	8	0	21	0	50	9	0	59	0	0	0	0	0	163
08:00 AM	74	29	0	0	103	5	0	5	0	10	0	55	6	0	61	0	0	0	0	0	174
Total Volume	277	104	0	0	381	32	0	19	0	51	0	179	30	0	209	0	0	0	0	0	641
% App. Total	72.7	27.3	0	0		62.7	0	37.3	0		0	85.6	14.4	0		0	0	0	0	0	
PHF	.936	.897	.000	.000	.925	.615	.000	.594	.000	.607	.000	.814	.682	.000	.857	.000	.000	.000	.000	.000	.921
Vehicles	268	102	0	0	370	32	0	18	0	50	0	169	28	0	197	0	0	0	0	0	617
% Vehicles	96.8	98.1	0	0	97.1	100	0	94.7	0	98.0	0	94.4	93.3	0	94.3	0	0	0	0	0	96.3
Trucks	9	2	0	0	11	0	0	1	0	1	0	10	2	0	12	0	0	0	0	0	24
% Trucks	3.2	1.9	0	0	2.9	0	0	5.3	0	2.0	0	5.6	6.7	0	5.7	0	0	0	0	0	3.7





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Start Time	28th Ave Southbound					Ramp from WB TH-52 Westbound					28th Ave Northbound					N/A 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 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:15 PM																					
04:15 PM	72	29	0	0	101	28	1	2	1	32	0	103	14	1	118	0	0	0	0	0	251
04:30 PM	68	25	0	0	93	22	0	2	0	24	0	98	17	0	115	0	0	0	0	0	232
04:45 PM	76	38	0	0	114	24	0	0	0	24	0	91	11	0	102	0	0	0	0	0	240
05:00 PM	51	26	0	0	77	25	0	0	0	25	0	100	18	0	118	0	0	0	0	0	220
Total Volume	267	118	0	0	385	99	1	4	1	105	0	392	60	1	453	0	0	0	0	0	943
% App. Total	69.4	30.6	0	0		94.3	1	3.8	1		0	86.5	13.2	0.2		0	0	0	0	0	
PHF	.878	.776	.000	.000	.844	.884	.250	.500	.250	.820	.000	.951	.833	.250	.960	.000	.000	.000	.000	.000	.939
Vehicles	257	116	0	0	373	99	1	4	1	105	0	390	59	1	450	0	0	0	0	0	928
% Vehicles	96.3	98.3	0	0	96.9	100	100	100	100	100	0	99.5	98.3	100	99.3	0	0	0	0	0	98.4
Trucks	10	2	0	0	12	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	15
% Trucks	3.7	1.7	0	0	3.1	0	0	0	0	0	0	0.5	1.7	0	0.7	0	0	0	0	0	1.6

