



Spack Solutions

43 Main Street SE, Suite 136
 Minneapolis, MN 55414

TH 169 at Betty Crocker Dr [East Ramp]
 City: Golden Valley
 Data By: Spack Solutions
 TURN MOVEMENT COUNT

File Name : 09_TH-160-at-Betty-Crocker-Dr-East-Ramp
 Site Code : 00000000
 Start Date : 3/17/2021
 Page No : 1

Groups Printed- Vehicles - Trucks

Start Time	Southbound				Betty Crocker Dr Westbound				North Bound TH 169 Ramp Northbound				Betty Crocker Dr Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
06:00 AM	0	0	0	0	0	2	1	0	5	0	7	0	2	6	0	0	23
06:15 AM	0	0	0	0	0	3	2	0	1	0	1	0	5	2	0	0	14
06:30 AM	0	0	0	0	0	2	0	0	2	0	10	0	6	2	0	0	22
06:45 AM	0	0	0	0	0	5	2	0	0	0	28	0	11	9	0	0	55
Total	0	0	0	0	0	12	5	0	8	0	46	0	24	19	0	0	114
07:00 AM	0	0	0	0	0	3	0	0	0	0	20	0	12	7	0	0	42
07:15 AM	0	0	0	0	0	6	0	0	1	0	18	0	8	11	0	0	44
07:30 AM	0	0	0	0	0	4	0	0	3	0	26	0	9	10	0	0	52
07:45 AM	0	0	0	0	0	5	1	0	2	0	27	0	23	6	0	0	64
Total	0	0	0	0	0	18	1	0	6	0	91	0	52	34	0	0	202
08:00 AM	0	0	0	0	0	7	2	0	2	0	43	0	17	11	0	0	82
08:15 AM	0	0	0	0	0	10	2	0	5	0	30	0	11	14	0	0	72
08:30 AM	0	0	0	0	0	6	2	0	2	0	25	0	11	10	0	0	56
08:45 AM	0	0	0	0	0	8	1	0	3	0	42	0	9	8	0	0	71
Total	0	0	0	0	0	31	7	0	12	0	140	0	48	43	0	0	281
09:00 AM	0	0	0	0	0	7	0	0	1	0	35	0	14	12	0	0	69
09:15 AM	0	0	0	0	0	5	2	0	3	0	28	0	19	7	0	0	64
09:30 AM	0	0	0	0	0	7	0	0	1	0	17	0	11	8	0	0	44
09:45 AM	0	0	0	0	0	10	1	0	4	0	30	0	7	0	0	0	52
Total	0	0	0	0	0	29	3	0	9	0	110	0	51	27	0	0	229
10:00 AM	0	0	0	0	0	6	1	0	2	0	20	0	8	13	0	0	50
10:15 AM	0	0	0	0	0	6	3	0	1	0	17	0	11	6	0	0	44
10:30 AM	0	0	0	0	0	9	0	0	1	0	17	0	10	8	0	0	45
10:45 AM	0	0	0	0	0	7	0	0	2	0	16	0	19	7	1	0	52
Total	0	0	0	0	0	28	4	0	6	0	70	0	48	34	1	0	191
11:00 AM	0	0	0	0	0	9	1	0	0	0	27	0	9	8	1	0	55
11:15 AM	0	0	0	0	0	6	0	0	0	0	26	0	17	9	0	0	58
11:30 AM	0	0	0	0	0	6	0	0	1	0	29	0	20	15	0	0	71
11:45 AM	0	0	0	0	0	10	1	0	1	0	30	0	12	9	0	0	63
Total	0	0	0	0	0	31	2	0	2	0	112	0	58	41	1	0	247
12:00 PM	0	0	0	0	0	7	1	0	1	0	26	0	17	10	1	0	63
12:15 PM	0	0	0	0	0	7	2	0	2	0	27	0	11	16	0	0	65
12:30 PM	0	0	0	0	0	12	3	0	3	0	38	0	20	13	0	0	89
12:45 PM	0	0	0	0	0	15	2	0	2	0	39	0	19	14	0	0	91
Total	0	0	0	0	0	41	8	0	8	0	130	0	67	53	1	0	308
01:00 PM	0	0	0	0	0	13	2	0	0	0	22	0	29	14	0	0	80
01:15 PM	0	0	0	0	0	7	2	0	0	0	35	0	12	14	0	0	70
01:30 PM	0	0	0	0	0	11	3	0	5	0	26	0	15	8	0	0	68
01:45 PM	0	0	0	0	0	16	3	0	3	0	30	0	12	10	0	0	74
Total	0	0	0	0	0	47	10	0	8	0	113	0	68	46	0	0	292
02:00 PM	0	0	0	0	0	15	7	0	0	0	27	0	11	17	1	0	78
02:15 PM	0	0	0	0	0	15	7	0	0	0	21	0	11	7	0	0	61



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Groups Printed- Vehicles - Trucks

Start Time	Southbound				Betty Crocker Dr Westbound				North Bound TH 169 Ramp Northbound				Betty Crocker Dr Eastbound				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
02:30 PM	0	0	0	0	0	2	4	0	2	0	25	0	18	8	0	0	59
02:45 PM	0	0	0	0	0	9	3	0	4	0	25	0	22	10	0	0	73
Total	0	0	0	0	0	41	21	0	6	0	98	0	62	42	1	0	271
03:00 PM	0	0	0	0	0	7	4	0	2	0	24	0	17	9	0	0	63
03:15 PM	0	0	0	0	0	12	2	0	1	0	31	0	16	11	0	0	73
03:30 PM	0	0	0	0	0	9	1	0	1	0	29	0	32	10	0	0	82
03:45 PM	0	0	0	0	0	10	2	0	1	0	33	0	21	18	1	0	86
Total	0	0	0	0	0	38	9	0	5	0	117	0	86	48	1	0	304
04:00 PM	0	0	0	0	0	19	6	0	1	0	29	0	40	13	0	0	108
04:15 PM	0	0	0	0	0	11	0	0	0	0	42	0	17	9	1	0	80
04:30 PM	0	0	0	0	0	13	1	0	1	0	53	0	23	13	0	0	104
04:45 PM	0	0	0	0	0	16	1	0	3	0	54	0	22	13	1	0	110
Total	0	0	0	0	0	59	8	0	5	0	178	0	102	48	2	0	402
05:00 PM	0	0	0	0	0	10	2	0	1	0	45	0	33	19	0	0	110
05:15 PM	0	0	0	0	0	10	0	0	1	0	49	0	38	4	0	0	102
05:30 PM	0	0	0	0	0	10	2	0	2	0	45	0	25	17	0	0	101
05:45 PM	0	0	0	0	0	7	0	0	3	0	47	0	29	7	0	0	93
Total	0	0	0	0	0	37	4	0	7	0	186	0	125	47	0	0	406
Grand Total	0	0	0	0	0	412	82	0	82	0	1391	0	791	482	7	0	3247
Apprch %	0	0	0	0	0	83.4	16.6	0	5.6	0	94.4	0	61.8	37.7	0.5	0	
Total %	0	0	0	0	0	12.7	2.5	0	2.5	0	42.8	0	24.4	14.8	0.2	0	
Vehicles	0	0	0	0	0	390	82	0	80	0	1371	0	778	458	7	0	3166
% Vehicles	0	0	0	0	0	94.7	100	0	97.6	0	98.6	0	98.4	95	100	0	97.5
Trucks	0	0	0	0	0	22	0	0	2	0	20	0	13	24	0	0	81
% Trucks	0	0	0	0	0	5.3	0	0	2.4	0	1.4	0	1.6	5	0	0	2.5



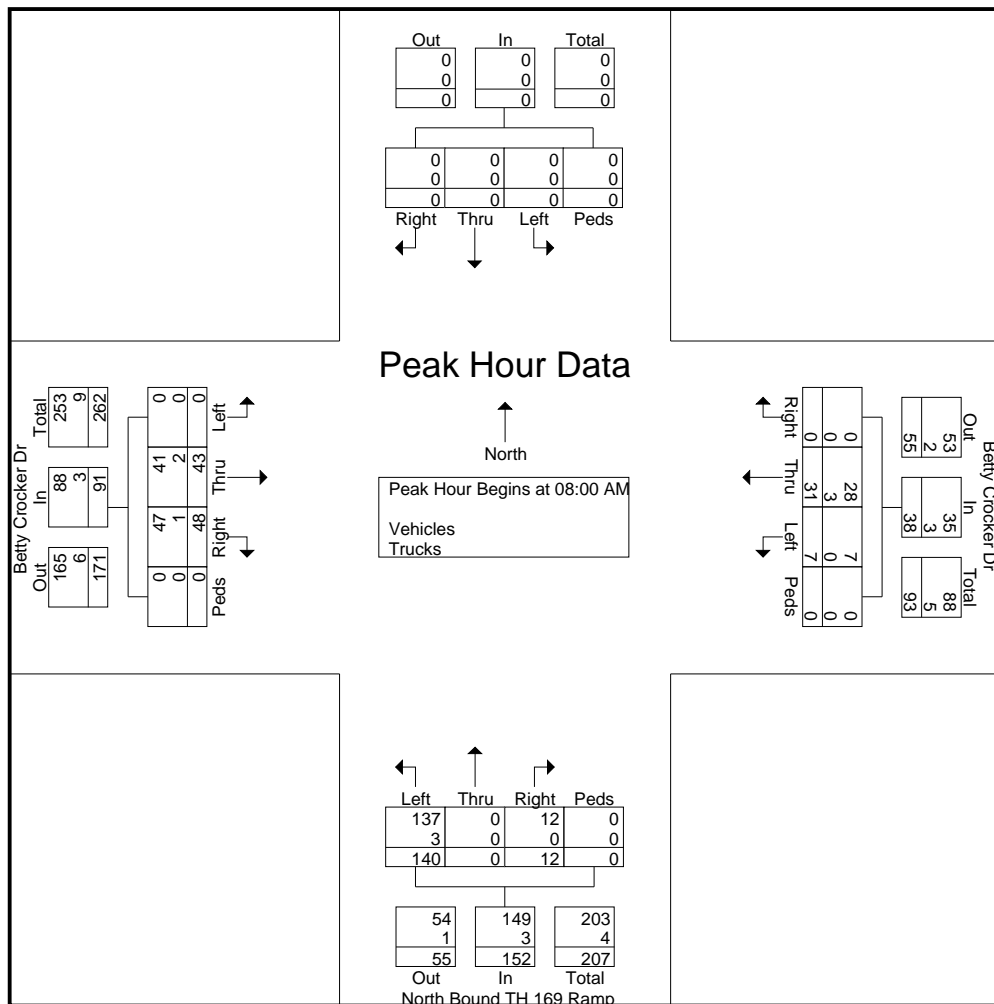
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	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	
Peak Hour Analysis From 06:00 AM to 12:00 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 08:00 AM																					
08:00 AM	0	0	0	0	0	0	7	2	0	9	2	0	43	0	45	17	11	0	0	28	82
08:15 AM	0	0	0	0	0	0	10	2	0	12	5	0	30	0	35	11	14	0	0	25	72
08:30 AM	0	0	0	0	0	0	6	2	0	8	2	0	25	0	27	11	10	0	0	21	56
08:45 AM	0	0	0	0	0	0	8	1	0	9	3	0	42	0	45	9	8	0	0	17	71
Total Volume	0	0	0	0	0	0	31	7	0	38	12	0	140	0	152	48	43	0	0	91	281
% App. Total	0	0	0	0	0	0	81.6	18.4	0		7.9	0	92.1	0		52.7	47.3	0	0		
PHF	.000	.000	.000	.000	.000	.000	.775	.875	.000	.792	.600	.000	.814	.000	.844	.706	.768	.000	.000	.813	.857
Vehicles	0	0	0	0	0	0	28	7	0	35	12	0	137	0	149	47	41	0	0	88	272
% Vehicles	0	0	0	0	0	0	90.3	100	0	92.1	100	0	97.9	0	98.0	97.9	95.3	0	0	96.7	96.8
Trucks	0	0	0	0	0	0	3	0	0	3	0	0	3	0	3	1	2	0	0	3	9
% Trucks	0	0	0	0	0	0	9.7	0	0	7.9	0	0	2.1	0	2.0	2.1	4.7	0	0	3.3	3.2





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Start Time	Southbound					Betty Crocker Dr Westbound					North Bound TH 169 Ramp Northbound					Betty Crocker Dr 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 04:30 PM																					
04:30 PM	0	0	0	0	0	0	13	1	0	14	1	0	53	0	54	23	13	0	0	36	104
04:45 PM	0	0	0	0	0	0	16	1	0	17	3	0	54	0	57	22	13	1	0	36	110
05:00 PM	0	0	0	0	0	0	10	2	0	12	1	0	45	0	46	33	19	0	0	52	110
05:15 PM	0	0	0	0	0	0	10	0	0	10	1	0	49	0	50	38	4	0	0	42	102
Total Volume	0	0	0	0	0	0	49	4	0	53	6	0	201	0	207	116	49	1	0	166	426
% App. Total	0	0	0	0	0	0	92.5	7.5	0		2.9	0	97.1	0		69.9	29.5	0.6	0		
PHF	.000	.000	.000	.000	.000	.000	.766	.500	.000	.779	.500	.000	.931	.000	.908	.763	.645	.250	.000	.798	.968
Vehicles	0	0	0	0	0	0	46	4	0	50	6	0	199	0	205	114	47	1	0	162	417
% Vehicles	0	0	0	0	0	0	93.9	100	0	94.3	100	0	99.0	0	99.0	98.3	95.9	100	0	97.6	97.9
Trucks	0	0	0	0	0	0	3	0	0	3	0	0	2	0	2	2	2	0	0	4	9
% Trucks	0	0	0	0	0	0	6.1	0	0	5.7	0	0	1.0	0	1.0	1.7	4.1	0	0	2.4	2.1

