

Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at Constance Blvd NE / CSAH-60
Ref.Pt.: 020.191
data by Alliant Inc
TURN MOVEMENT COUNT

File Name : 20 - TH 65 & Constance Blvd, 10-25-11
Site Code : 20
Start Date : 10/25/2011
Page No : 1

Groups Printed- Cars + - Trucks

Start Time	TH-65 Southbound					Constance Blvd NE / CSAH-60 Westbound					TH-65 Northbound					Constance Blvd NE / CSAH-60 Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
06:00	0	17	464	11	0	0	31	10	6	0	0	2	29	11	0	0	0	6	17	0	604
06:15	1	14	570	8	0	0	35	6	7	0	0	0	58	15	0	0	2	10	20	0	746
06:30	0	23	461	6	0	0	45	15	10	0	0	6	85	16	0	0	4	8	11	0	690
06:45	0	20	506	16	0	0	35	14	4	0	0	6	96	13	0	0	1	13	17	0	741
Total	1	74	2001	41	0	0	146	45	27	0	0	14	268	55	0	0	7	37	65	0	2781
07:00	1	22	467	9	0	0	55	12	11	0	0	2	74	16	0	0	5	17	23	0	714
07:15	0	12	386	13	0	0	56	22	13	0	0	5	107	21	0	0	3	21	18	0	677
07:30	2	39	444	16	0	0	26	12	15	0	0	2	129	20	0	0	2	19	9	0	735
07:45	2	25	399	12	0	0	31	16	8	0	1	5	90	19	0	0	3	16	16	0	643
Total	5	98	1696	50	0	0	168	62	47	0	1	14	400	76	0	0	13	73	66	0	2769
08:00	0	18	314	12	0	0	39	17	11	0	0	6	89	20	0	0	4	16	13	0	559
08:15	0	26	311	8	0	0	33	10	12	0	0	7	86	33	0	0	4	16	11	0	557
08:30	1	20	284	16	0	0	29	12	5	0	0	6	90	25	0	0	3	14	11	0	516
08:45	0	26	242	22	0	0	26	16	13	0	0	16	72	28	0	0	4	10	15	0	490
Total	1	90	1151	58	0	0	127	55	41	0	0	35	337	106	0	0	15	56	50	0	2122
09:00	2	34	208	10	0	0	33	20	9	0	0	12	92	35	0	0	6	17	17	0	495
09:15	0	28	221	8	0	0	38	22	9	0	1	9	104	41	0	0	12	17	12	0	522
Total	2	62	429	18	0	0	71	42	18	0	1	21	196	76	0	0	18	34	29	0	1017
10:30	2	15	176	7	0	1	13	16	16	0	1	4	103	14	0	0	9	8	7	0	392
10:45	0	17	159	4	0	0	15	9	16	0	0	8	118	29	0	0	6	11	9	0	401
Total	2	32	335	11	0	1	28	25	32	0	1	12	221	43	0	0	15	19	16	0	793
11:00	0	9	141	8	0	0	27	8	14	0	0	10	106	21	0	0	3	8	9	0	364
11:15	1	18	145	3	0	0	18	7	16	0	2	8	144	30	0	0	9	8	7	0	416
11:30	1	8	149	4	0	0	28	13	21	0	0	7	129	21	0	0	10	12	12	0	415
11:45	2	12	157	10	0	0	39	8	23	0	1	10	148	25	0	0	8	12	6	0	461
Total	4	47	592	25	0	0	112	36	74	0	3	35	527	97	0	0	30	40	34	0	1656
12:00	1	21	152	5	0	0	14	8	7	0	0	8	102	21	0	0	10	12	10	0	371
12:15	0	16	181	9	0	0	16	11	13	0	1	9	165	23	0	0	5	13	3	0	465
12:30	0	12	151	12	0	0	22	18	19	0	0	8	157	17	0	0	9	5	9	0	439
12:45	2	12	183	13	0	0	19	9	18	0	0	4	151	28	0	0	3	12	11	0	465
Total	3	61	667	39	0	0	71	46	57	0	1	29	575	89	0	0	27	42	33	0	1740
13:00	2	22	155	8	0	0	12	18	18	0	0	4	144	27	0	0	5	7	7	0	429
13:15	0	14	174	4	0	0	12	11	22	0	1	8	159	28	0	0	9	6	6	0	454
Total	2	36	329	12	0	0	24	29	40	0	1	12	303	55	0	0	14	13	13	0	883
14:30	3	12	142	8	0	0	14	8	13	0	0	13	268	30	0	0	13	20	5	0	549
14:45	3	15	163	10	0	0	25	9	23	0	0	6	319	49	0	0	7	12	3	0	644
Total	6	27	305	18	0	0	39	17	36	0	0	19	587	79	0	0	20	32	8	0	1193
15:00	1	19	162	5	0	0	25	15	26	0	0	6	312	56	0	0	7	16	3	0	653
15:15	2	22	148	10	0	0	31	21	35	0	0	9	343	58	0	0	14	12	11	0	716
15:30	1	24	155	4	0	0	28	18	40	0	0	9	333	58	0	0	10	17	7	0	704
15:45	0	30	153	7	0	0	21	15	26	0	1	13	383	58	0	1	6	25	5	0	744
Total	4	95	618	26	0	0	105	69	127	0	1	37	1371	230	0	1	37	70	26	0	2817
16:00	3	16	139	7	0	0	43	15	43	0	0	9	455	56	0	0	12	18	9	0	825
16:15	1	23	171	4	0	0	24	24	39	0	1	21	482	51	0	0	20	16	12	0	889
16:30	1	14	175	8	0	0	34	17	44	0	0	12	458	57	0	0	15	21	9	0	865
16:45	5	18	181	14	0	0	29	26	38	0	0	24	494	52	0	0	10	16	20	0	927
Total	10	71	666	33	0	0	130	82	164	0	1	66	1889	216	0	0	57	71	50	0	3506
17:00	0	15	148	11	0	0	18	12	34	0	0	26	496	55	0	0	17	13	10	0	855
17:15	3	27	191	5	0	0	33	28	44	0	1	12	461	68	0	0	20	24	7	0	924
17:30	2	21	187	13	0	0	36	15	44	0	0	11	395	46	0	0	16	21	10	0	817
17:45	0	11	174	5	0	0	20	25	44	0	0	17	367	60	0	0	13	15	7	0	758
Total	5	74	700	34	0	0	107	80	166	0	1	66	1719	229	0	0	66	73	34	0	3354
Grand Total	45	767	9489	365	0	1	1128	588	829	0	11	360	8393	1351	0	1	319	560	424	0	24631
Apprch %	0.4	7.2	89	3.4	0	0	44.3	23.1	32.6	0	0.1	3.6	83	13.4	0	0.1	24.5	42.9	32.5	0	924
Total %	0.2	3.1	38.5	1.5	0	0	4.6	2.4	3.4	0	0	1.5	34.1	5.5	0	0	1.3	2.3	1.7	0	716
Cars +	41	735	9081	343	0	1	1077	547	808	0	10	346	7999	1277	0	0	303	524	408	0	23500
% Cars +	91.1	95.8	95.7	94	0	100	95.5	93	97.5	0	90.9	96.1	95.3	94.5	0	0	95	93.6	96.2	0	95.4
Trucks	4	32	408	22	0	0	51	41	21	0	1	14	394	74	0	1	16	36	16	0	1131
% Trucks	8.9	4.2	4.3	6	0	0	4.5	7	2.5	0	9.1	3.9	4.7	5.5	0	100	5	6.4	3.8	0	4.6

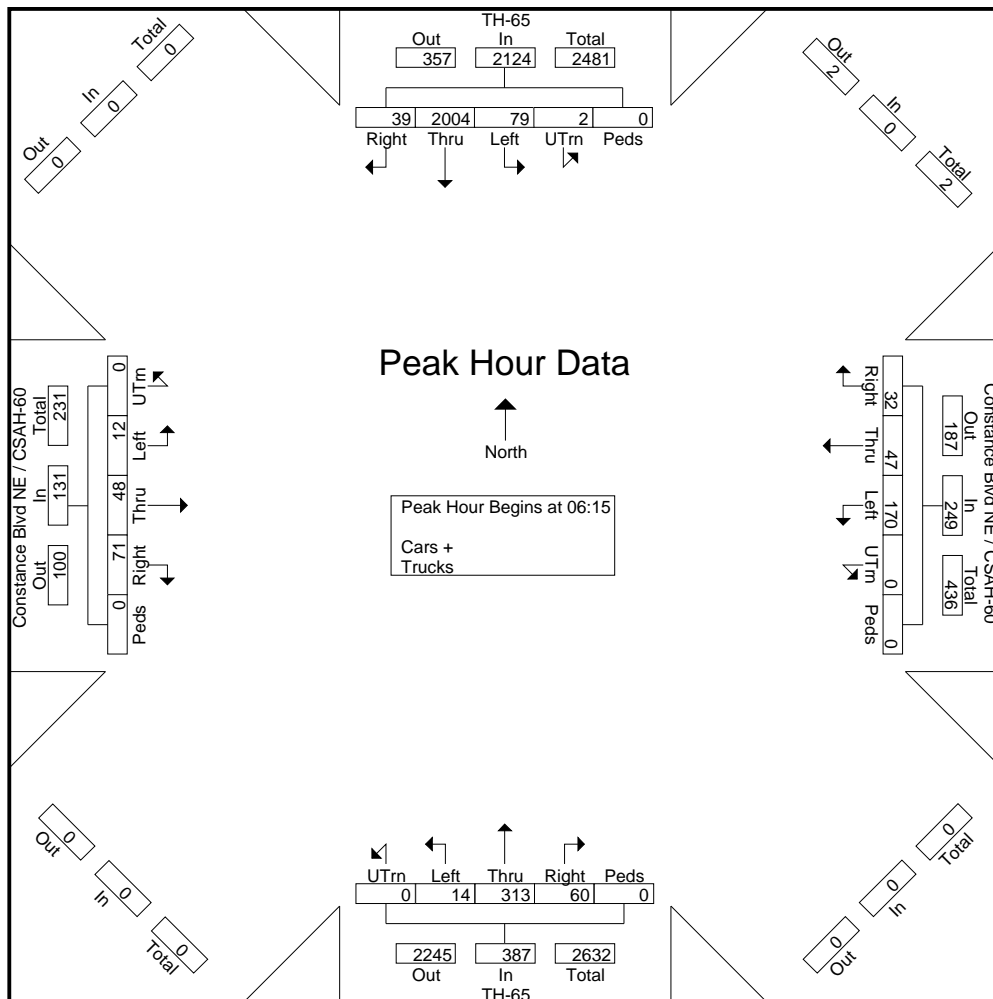
Alliant Engineering Inc Minneapolis, MN 55415

TH-65 at Constance Blvd NE / CSAH-60
Ref.Pt.: 020.191
data by Alliant Inc
TURN MOVEMENT COUNT

File Name : 20 - TH 65 & Constance Blvd, 10-25-11
Site Code : 20
Start Date : 10/25/2011
Page No : 2

Start Time	TH-65 Southbound					Constance Blvd NE / CSAH-60 Westbound					TH-65 Northbound					Constance Blvd NE / CSAH-60 Eastbound					Int. Total				
	UTrn	Lef t	Th ru	Right	Peds	App. Total	UTrn	Lef t	Th ru	Right	Peds	App. Total	UTrn	Lef t	Th ru	Right	Peds	App. Total	UTrn	Lef t		Th ru	Right	Peds	App. Total
06:15	1	14	570	8	0	593	0	35	6	7	0	48	0	0	58	15	0	73	0	2	10	20	0	32	746
06:30	0	23	461	6	0	490	0	45	15	10	0	70	0	6	85	16	0	107	0	4	8	11	0	23	690
06:45	0	20	506	16	0	542	0	35	14	4	0	53	0	6	96	13	0	115	0	1	13	17	0	31	741
07:00	1	22	467	9	0	499	0	55	12	11	0	78	0	2	74	16	0	92	0	5	17	23	0	45	714
Total Volume	2	79	2004	39	0	2124	0	170	47	32	0	249	0	14	313	60	0	387	0	12	48	71	0	131	2891
% App. Total	0.1	3.7	94.4	1.8	0		0	68.3	18.9	12.9	0		0	3.6	80.9	15.5	0		0	9.2	36.6	54.2	0		
PHF	.500	.859	.879	.609	.000	.895	.000	.773	.783	.727	.000	.798	.000	.583	.815	.938	.000	.841	.000	.600	.706	.772	.000	.728	.969

Peak Hour Analysis From 06:00 to 09:15 - Peak 1 of 1
Peak Hour for Entire Intersection Begins at 06:15



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File Name : 20 - TH 65 & Constance Blvd, 10-25-11
 Site Code : 20
 Start Date : 10/25/2011
 Page No : 3

Start Time	TH-65 Southbound						Constance Blvd NE / CSAH-60 Westbound					TH-65 Northbound					Constance Blvd NE / CSAH-60 Eastbound						Int. Total		
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right		Peds	App. Total
Peak Hour Analysis From 14:30 to 17:45 - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 16:30																									
16:30	1	14	175	8	0	198	0	34	17	44	0	95	0	12	458	57	0	527	0	15	21	9	0	45	865
16:45	5	18	181	14	0	218	0	29	26	38	0	93	0	24	494	52	0	570	0	10	16	20	0	46	927
17:00	0	15	148	11	0	174	0	18	12	34	0	64	0	26	496	55	0	577	0	17	13	10	0	40	855
17:15	3	27	191	5	0	226	0	33	28	44	0	105	1	12	461	68	0	542	0	20	24	7	0	51	924
Total Volume	9	74	695	38	0	816	0	114	83	160	0	357	1	74	1909	232	0	2216	0	62	74	46	0	182	3571
% App. Total	1.1	9.1	85.2	4.7	0		0	31.9	23.2	44.8	0		0	3.3	86.1	10.5	0		0	34.1	40.7	25.3	0		
PHF	.450	.685	.910	.679	.000	.903	.000	.838	.741	.909	.000	.850	.250	.712	.962	.853	.000	.960	.000	.775	.771	.575	.000	.892	.963

