



Traffic Data Inc

PO Box 16296
St. Louis Park, MN 55416

File Name : 31 - CSAH 32 (Cliff Rd) & TH 77 (Cedar Ave) Western Ramp, 10-1-13, 6am-7pm

Site Code : 31

Start Date : 10/1/2013

Page No : 1

CSAH 32 (Cliff Rd) & TH 77 Western Ramp
Eagan, MN

Groups Printed- Cars + - Trucks

Start Time	TH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						TH 77 (Cedar Ave) From South						CSAH 32 (Cliff Rd) From West						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	
06:00 AM	0	8	0	2	0	10	0	3	103	0	0	106	0	0	0	0	0	0	0	0	112	23	0	135	251
06:15 AM	0	18	0	3	0	21	1	1	134	0	0	136	0	0	0	0	0	0	0	0	139	42	0	181	338
06:30 AM	0	17	0	11	0	28	0	6	170	0	0	176	0	0	0	0	0	0	0	0	174	44	0	218	422
06:45 AM	0	30	0	11	0	41	0	16	201	0	0	217	0	0	0	0	1	1	0	0	169	52	0	221	480
Total	0	73	0	27	0	100	1	26	608	0	0	635	0	0	0	0	1	1	0	0	594	161	0	755	1491
07:00 AM	0	30	0	15	3	48	0	14	197	0	0	211	0	0	0	0	1	1	0	0	192	62	2	256	516
07:15 AM	0	31	0	34	0	65	0	14	226	0	0	240	0	0	0	0	2	2	0	0	178	61	0	239	546
07:30 AM	0	27	1	25	1	54	0	6	236	0	0	242	0	0	0	0	1	1	0	0	244	63	0	307	604
07:45 AM	0	32	0	11	0	43	1	14	284	0	1	300	0	0	0	0	1	1	0	0	199	47	0	246	590
Total	0	120	1	85	4	210	1	48	943	0	1	993	0	0	0	0	5	5	0	0	813	233	2	1048	2256
08:00 AM	0	32	0	27	1	60	0	14	254	0	0	268	0	0	0	0	0	0	0	0	191	49	0	240	568
08:15 AM	0	32	0	10	1	43	0	13	177	0	0	190	0	0	0	0	0	0	0	0	194	55	0	249	482
08:30 AM	0	31	0	16	0	47	1	16	194	0	0	211	0	0	0	0	0	0	0	0	167	41	0	208	466
08:45 AM	0	34	0	18	3	55	0	22	165	0	1	188	0	0	0	0	1	1	0	0	181	55	0	236	480
Total	0	129	0	71	5	205	1	65	790	0	1	857	0	0	0	0	1	1	0	0	733	200	0	933	1996
09:00 AM	0	32	0	15	0	47	1	21	184	0	0	206	0	0	0	0	1	1	0	0	182	42	0	224	478
09:15 AM	0	36	0	15	0	51	0	17	187	0	0	204	0	0	0	0	0	0	0	0	167	38	0	205	460
09:30 AM	0	38	0	13	0	51	0	22	177	0	0	199	0	0	0	0	4	4	0	0	144	44	0	188	442
09:45 AM	0	39	0	18	0	57	0	30	161	0	0	191	0	0	0	0	1	1	0	0	135	33	0	168	417
Total	0	145	0	61	0	206	1	90	709	0	0	800	0	0	0	0	6	6	0	0	628	157	0	785	1797
10:00 AM	0	20	0	17	0	37	1	18	151	0	0	170	0	0	0	0	3	3	0	0	137	32	0	169	379
10:15 AM	0	33	0	11	0	44	0	21	152	0	0	173	0	0	0	0	2	2	0	0	141	60	0	201	420
10:30 AM	0	26	0	8	0	34	1	19	165	0	0	185	0	0	0	0	1	1	0	0	134	42	0	176	396
10:45 AM	0	42	0	12	0	54	0	19	153	0	0	172	0	0	0	0	4	4	0	0	131	56	0	187	417
Total	0	121	0	48	0	169	2	77	621	0	0	700	0	0	0	0	10	10	0	0	543	190	0	733	1612
11:00 AM	0	42	0	23	0	65	0	25	134	0	0	159	0	0	0	0	1	1	0	0	148	49	0	197	422
11:15 AM	0	45	0	16	0	61	0	34	156	0	0	190	0	0	0	0	0	0	0	0	167	48	0	215	466
11:30 AM	0	39	0	20	1	60	2	28	168	0	0	198	0	0	0	0	0	0	0	0	189	49	0	238	496
11:45 AM	0	49	0	26	0	75	0	31	169	0	0	200	0	0	0	0	1	1	0	0	168	54	0	222	498
Total	0	175	0	85	1	261	2	118	627	0	0	747	0	0	0	0	2	2	0	0	672	200	0	872	1882
12:00 PM	0	58	0	26	0	84	2	27	179	0	0	208	0	0	0	0	0	0	0	0	199	59	1	259	551
12:15 PM	0	55	0	20	0	75	0	25	188	0	0	213	0	0	0	0	1	1	0	0	172	49	1	222	511
12:30 PM	0	62	0	21	0	83	0	29	201	0	0	230	0	0	0	0	4	4	0	0	153	43	0	196	513
12:45 PM	0	71	0	20	0	91	0	26	190	0	1	217	0	0	0	0	1	1	0	0	150	65	0	215	524
Total	0	246	0	87	0	333	2	107	758	0	1	868	0	0	0	0	6	6	0	0	674	216	2	892	2099
01:00 PM	0	48	0	17	2	67	0	26	177	0	0	203	0	0	0	0	3	3	0	0	147	50	0	197	470
01:15 PM	0	51	0	29	1	81	1	26	209	0	0	236	0	0	0	0	0	0	0	0	146	33	0	179	496
01:30 PM	0	49	0	24	2	75	0	20	175	0	0	195	0	0	0	0	1	1	0	0	136	60	1	197	468
01:45 PM	0	55	0	22	0	77	0	16	175	0	0	191	0	0	0	0	0	0	0	0	123	52	0	175	443
Total	0	203	0	92	5	300	1	88	736	0	0	825	0	0	0	0	4	4	0	0	552	195	1	748	1877



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Site Code : 31

Start Date : 10/1/2013

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CSAH 32 (Cliff Rd) & TH 77 Western Ramp
Eagan, MN

Groups Printed- Cars + - Trucks

Start Time	TH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						TH 77 (Cedar Ave) From South						CSAH 32 (Cliff Rd) From West						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	
02:00 PM	0	50	0	18	0	68	4	33	156	0	0	193	0	0	0	0	0	0	0	0	151	53	1	205	466
02:15 PM	0	58	0	32	0	90	2	28	176	0	0	206	0	0	0	0	0	0	0	0	154	45	1	200	496
02:30 PM	0	75	1	44	1	121	1	30	200	0	0	231	0	0	0	0	0	0	0	0	185	70	1	256	608
02:45 PM	0	88	0	30	1	119	1	30	197	0	0	228	0	0	0	0	0	0	0	0	179	72	1	252	599
Total	0	271	1	124	2	398	8	121	729	0	0	858	0	0	0	0	0	0	0	0	669	240	4	913	2169
03:00 PM	0	58	0	33	1	92	0	44	246	0	0	290	0	0	0	0	1	1	0	0	190	93	1	284	667
03:15 PM	0	96	2	35	2	135	0	29	208	0	0	237	0	0	0	0	0	0	0	0	192	86	0	278	650
03:30 PM	0	67	0	34	1	102	0	40	243	0	0	283	0	0	0	0	2	2	0	0	222	90	0	312	699
03:45 PM	0	102	0	57	0	159	0	33	237	0	0	270	0	0	0	0	2	2	0	0	211	103	0	314	745
Total	0	323	2	159	4	488	0	146	934	0	0	1080	0	0	0	0	5	5	0	0	815	372	1	1188	2761
04:00 PM	0	87	0	41	1	129	0	35	245	0	0	280	0	0	0	0	0	0	0	0	242	118	1	361	770
04:15 PM	0	100	0	54	4	158	1	35	266	0	0	302	0	0	0	0	1	1	0	0	219	108	0	327	788
04:30 PM	0	109	3	65	4	181	1	27	233	0	0	261	0	0	0	0	0	0	0	0	247	127	1	375	817
04:45 PM	0	79	0	48	4	131	0	40	290	0	0	330	0	0	0	0	1	1	0	0	276	94	4	374	836
Total	0	375	3	208	13	599	2	137	1034	0	0	1173	0	0	0	0	2	2	0	0	984	447	6	1437	3211
05:00 PM	0	95	0	56	1	152	0	49	247	0	0	296	0	0	0	0	2	2	0	0	263	108	2	373	823
05:15 PM	0	87	0	38	0	125	0	40	266	0	0	306	0	0	0	0	0	0	0	0	280	120	0	400	831
05:30 PM	0	116	0	57	5	178	1	33	258	0	0	292	0	0	0	0	2	2	0	0	259	111	1	371	843
05:45 PM	0	114	1	43	1	159	0	36	230	0	0	266	0	0	0	0	1	1	0	0	258	104	0	362	788
Total	0	412	1	194	7	614	1	158	1001	0	0	1160	0	0	0	0	5	5	0	0	1060	443	3	1506	3285
06:00 PM	0	86	0	50	0	136	0	41	205	0	0	246	0	0	0	0	1	1	0	0	197	83	1	281	664
06:15 PM	0	110	1	49	3	163	0	38	201	0	0	239	0	0	0	0	1	1	0	0	166	53	1	220	623
06:30 PM	0	65	0	50	3	118	1	17	238	0	0	256	0	0	0	0	0	0	0	0	140	75	0	215	589
06:45 PM	0	80	0	35	0	115	0	42	189	0	1	232	0	0	0	0	1	1	0	0	148	62	0	210	558
Total	0	341	1	184	6	532	1	138	833	0	1	973	0	0	0	0	3	3	0	0	651	273	2	926	2434
Grand Total	0	2934	9	1425	47	4415	23	1319	10323																
Cars +	0	2887	8	1398	47	4340	22	1298	9902	0	0	11222	0	0	0	0	38	38	0	0	9052	3230	0	12282	27882
% Cars +	0	98.4	88.9	98.1	100	98.3	95.7	98.4	95.9	0	0	96.2	0	0	0	0	76	76	0	0	96.4	97.1	0	96.4	96.6
Trucks	0	47	1	27	0	75	1	21	421	0	4	447	0	0	0	0	12	12	0	0	336	97	21	454	988
% Trucks	0	1.6	11.1	1.9	0	1.7	4.3	1.6	4.1	0	100	3.8	0	0	0	0	24	24	0	0	3.6	2.9	100	3.6	3.4



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 Site Code : 31
 Start Date : 10/1/2013
 Page No : 4

CSAH 32 (Cliff Rd) & TH 77 Western Ramp
Eagan, MN

Start Time	TH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						TH 77 (Cedar Ave) From South						CSAH 32 (Cliff Rd) From West						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 06:00 AM to 09:45 AM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 07:15 AM																									
07:15 AM	0	31	0	34	0	65	0	14	226	0	0	240	0	0	0	0	2	2	0	0	178	61	0	239	546
07:30 AM	0	27	1	25	1	54	0	6	236	0	0	242	0	0	0	0	1	1	0	0	244	63	0	307	604
07:45 AM	0	32	0	11	0	43	1	14	284	0	1	300	0	0	0	0	1	1	0	0	199	47	0	246	590
08:00 AM	0	32	0	27	1	60	0	14	254	0	0	268	0	0	0	0	0	0	0	0	191	49	0	240	568
Total Volume	0	122	1	97	2	222	1	48	1000	0	1	1050	0	0	0	0	4	4	0	0	812	220	0	1032	2308
% App. Total	0	55	0.5	43.7	0.9		0.1	4.6	95.2	0	0.1		0	0	0	0	100		0	0	78.7	21.3	0		
PHF	.000	.953	.250	.713	.500	.854	.250	.857	.880	.000	.250	.875	.000	.000	.000	.000	.500	.500	.000	.000	.832	.873	.000	.840	.955

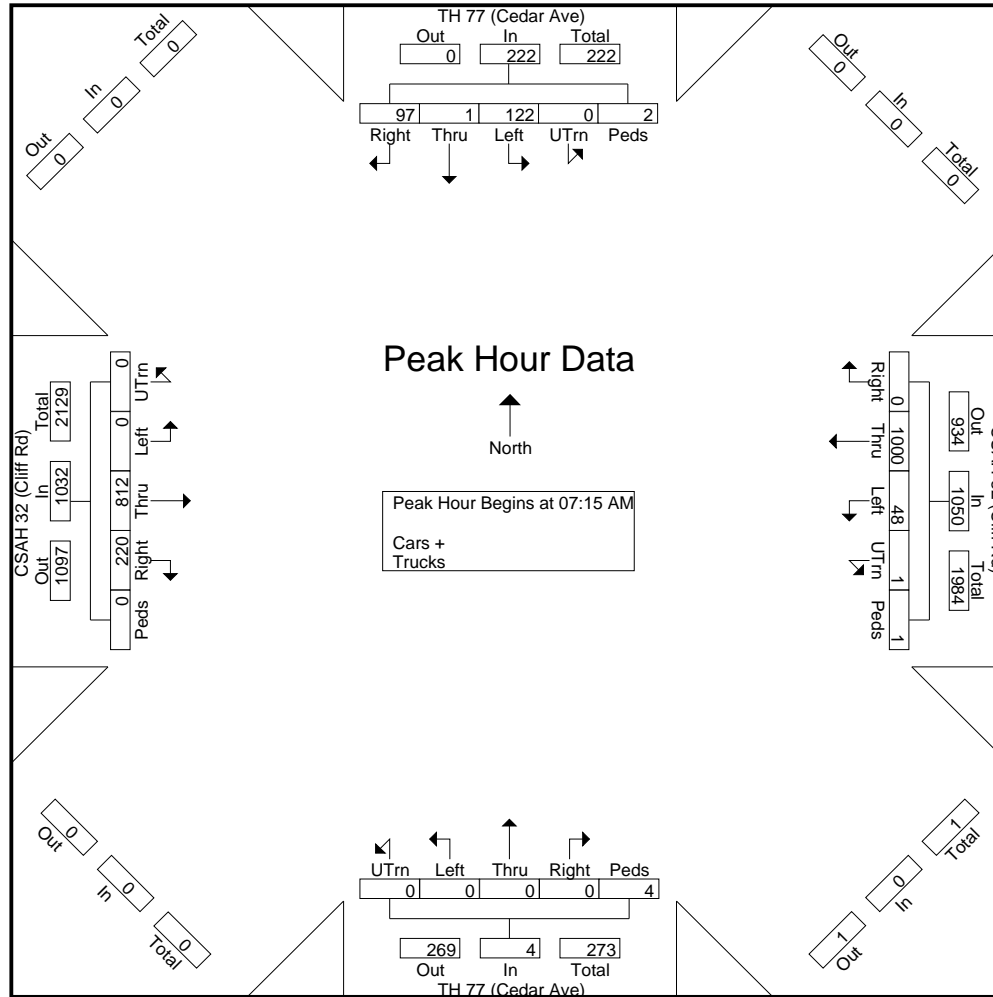


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CSAH 32 (Cliff Rd) & TH 77 Western Ramp
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 Site Code : 31
 Start Date : 10/1/2013
 Page No : 6

CSAH 32 (Cliff Rd) & TH 77 Western Ramp
Eagan, MN

Start Time	TH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						TH 77 (Cedar Ave) From South						CSAH 32 (Cliff Rd) From West						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 10:00 AM to 01:45 PM - Peak 1 of 1																										
Peak Hour for Entire Intersection Begins at 12:00 PM																										
12:00 PM	0	58	0	26	0	84	2	27	179	0	0	208	0	0	0	0	0	0	0	0	0	199	59	1	259	551
12:15 PM	0	55	0	20	0	75	0	25	188	0	0	213	0	0	0	0	1	1	0	0	172	49	1	222	511	
12:30 PM	0	62	0	21	0	83	0	29	201	0	0	230	0	0	0	0	4	4	0	0	153	43	0	196	513	
12:45 PM	0	71	0	20	0	91	0	26	190	0	1	217	0	0	0	0	1	1	0	0	150	65	0	215	524	
Total Volume	0	246	0	87	0	333	2	107	758	0	1	868	0	0	0	0	6	6	0	0	674	216	2	892	2099	
% App. Total	0	73.9	0	26.1	0		0.2	12.3	87.3	0	0.1		0	0	0	0	100		0	0	75.6	24.2	0.2			
PHF	.000	.866	.000	.837	.000	.915	.250	.922	.943	.000	.250	.943	.000	.000	.000	.000	.375	.375	.000	.000	.847	.831	.500	.861	.952	

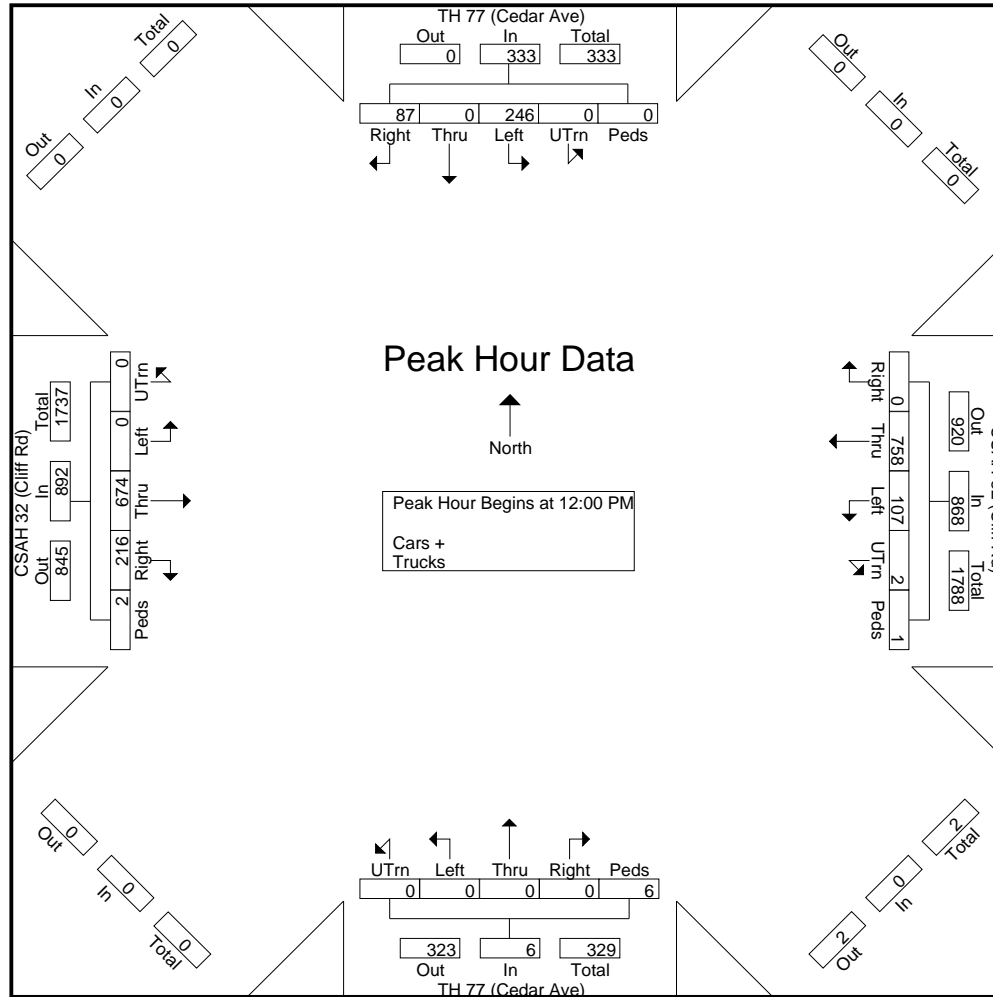


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CSAH 32 (Cliff Rd) & TH 77 Western Ramp
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 Site Code : 31
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 Page No : 8

CSAH 32 (Cliff Rd) & TH 77 Western Ramp
Eagan, MN

Start Time	TH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						TH 77 (Cedar Ave) From South						CSAH 32 (Cliff Rd) From West						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 02:00 PM to 06:45 PM - Peak 1 of 1																									
Peak Hour for Entire Intersection Begins at 04:45 PM																									
04:45 PM	0	79	0	48	4	131	0	40	290	0	0	330	0	0	0	0	1	1	0	0	276	94	4	374	836
05:00 PM	0	95	0	56	1	152	0	49	247	0	0	296	0	0	0	0	2	2	0	0	263	108	2	373	823
05:15 PM	0	87	0	38	0	125	0	40	266	0	0	306	0	0	0	0	0	0	0	0	280	120	0	400	831
05:30 PM	0	116	0	57	5	178	1	33	258	0	0	292	0	0	0	0	2	2	0	0	259	111	1	371	843
Total Volume	0	377	0	199	10	586	1	162	1061	0	0	1224	0	0	0	0	5	5	0	0	1078	433	7	1518	3333
% App. Total	0	64.3	0	34	1.7		0.1	13.2	86.7	0	0		0	0	0	0	100		0	0	71	28.5	0.5		
PHF	.000	.813	.000	.873	.500	.823	.250	.827	.915	.000	.000	.927	.000	.000	.000	.000	.625	.625	.000	.000	.963	.902	.438	.949	.988



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