



# Traffic Data Inc

PO Box 16296  
St. Louis Park, MN 55416

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

Site Code : 32

Start Date : 10/1/2013

Page No : 1

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

Groups Printed- Cars + - Trucks

Start Time	CSAH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						CSAH 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	0	0	0	0	0	0	0	83	71	1	155	0	27	0	21	0	48	0	24	100	0	0	124	327
06:15 AM	0	0	0	0	0	0	0	0	98	92	0	190	0	28	0	20	0	48	0	35	118	0	0	153	391
06:30 AM	0	0	0	0	1	1	0	0	143	113	0	256	0	33	1	20	2	56	0	54	124	0	0	178	491
06:45 AM	0	0	0	0	0	0	0	0	181	119	0	300	0	47	0	26	3	76	0	49	129	0	0	178	554
Total	0	0	0	0	1	1	0	0	505	395	1	901	0	135	1	87	5	228	0	162	471	0	0	633	1763
07:00 AM	0	0	0	0	5	5	0	0	189	169	0	358	0	32	0	26	1	59	0	35	187	0	0	222	644
07:15 AM	0	0	0	0	0	0	0	0	230	155	0	385	0	32	0	28	2	62	0	48	180	0	0	228	675
07:30 AM	0	0	0	0	0	0	0	0	217	131	0	348	0	43	0	46	0	89	0	41	208	0	0	249	686
07:45 AM	0	0	0	0	0	0	0	0	258	103	0	361	0	57	1	42	0	100	0	26	179	0	0	205	666
Total	0	0	0	0	5	5	0	0	894	558	0	1452	0	164	1	142	3	310	0	150	754	0	0	904	2671
08:00 AM	0	0	0	0	0	0	0	0	230	99	0	329	0	53	0	36	0	89	0	36	181	0	0	217	635
08:15 AM	0	0	0	0	0	0	0	0	153	94	0	247	0	50	0	42	0	92	0	41	167	0	0	208	547
08:30 AM	0	0	0	0	0	0	0	0	186	89	0	275	0	48	0	23	0	71	0	20	182	0	0	202	548
08:45 AM	0	0	0	0	1	1	0	0	158	90	1	249	0	41	0	30	1	72	2	36	181	0	0	219	541
Total	0	0	0	0	1	1	0	0	727	372	1	1100	0	192	0	131	1	324	2	133	711	0	0	846	2271
09:00 AM	0	0	0	0	0	0	0	0	152	69	1	222	0	51	0	38	0	89	0	23	181	0	0	204	515
09:15 AM	0	0	0	0	0	0	0	0	169	71	0	240	0	45	0	31	0	76	0	20	176	0	0	196	512
09:30 AM	0	0	0	0	0	0	0	0	156	77	0	233	0	41	1	28	2	72	0	25	148	0	0	173	478
09:45 AM	0	0	0	0	0	0	0	0	157	81	0	238	0	37	0	25	2	64	0	26	148	0	0	174	476
Total	0	0	0	0	0	0	0	0	634	298	1	933	0	174	1	122	4	301	0	94	653	0	0	747	1981
10:00 AM	0	0	0	0	1	1	0	0	143	49	1	193	0	34	0	30	0	64	0	23	140	0	0	163	421
10:15 AM	0	0	0	0	0	0	0	0	128	54	1	183	0	43	0	29	1	73	0	20	148	0	1	169	425
10:30 AM	0	0	0	0	0	0	0	0	145	65	0	210	0	43	0	23	1	67	0	26	136	0	1	163	440
10:45 AM	0	0	0	0	0	0	0	0	141	50	0	191	0	33	0	28	0	61	0	13	164	0	2	179	431
Total	0	0	0	0	1	1	0	0	557	218	2	777	0	153	0	110	2	265	0	82	588	0	4	674	1717
11:00 AM	0	0	0	0	0	0	0	0	132	46	0	178	0	37	0	21	1	59	0	15	168	0	0	183	420
11:15 AM	0	0	0	0	0	0	0	0	167	56	0	223	0	36	0	34	0	70	0	19	191	0	0	210	503
11:30 AM	0	0	0	0	0	0	0	0	159	55	0	214	0	40	0	27	0	67	0	15	208	0	0	223	504
11:45 AM	0	0	0	0	0	0	0	0	175	55	0	230	0	44	0	38	1	83	0	21	198	0	0	219	532
Total	0	0	0	0	0	0	0	0	633	212	0	845	0	157	0	120	2	279	0	70	765	0	0	835	1959
12:00 PM	0	0	0	0	0	0	0	0	184	62	0	246	0	36	0	39	0	75	0	13	274	0	1	288	609
12:15 PM	0	0	0	0	0	0	0	0	182	66	0	248	0	48	0	44	1	93	1	25	199	0	0	225	566
12:30 PM	0	0	0	0	0	0	0	0	198	86	0	284	0	37	0	30	0	67	0	18	220	0	1	239	590
12:45 PM	0	0	0	0	0	0	0	0	186	50	1	237	0	35	0	42	6	83	1	14	194	0	0	209	529
Total	0	0	0	0	0	0	0	0	750	264	1	1015	0	156	0	155	7	318	2	70	887	0	2	961	2294
01:00 PM	0	0	0	0	1	1	0	0	171	52	0	223	0	36	1	30	1	68	0	22	181	0	1	204	496
01:15 PM	0	0	0	0	0	0	0	0	198	64	0	262	0	42	1	34	0	77	0	15	187	0	0	202	541
01:30 PM	0	0	0	0	2	2	0	0	166	61	0	227	0	47	0	31	1	79	0	22	172	0	0	194	502
01:45 PM	0	0	0	0	0	0	0	0	154	48	0	202	0	45	0	30	0	75	1	22	161	0	0	184	461
Total	0	0	0	0	3	3	0	0	689	225	0	914	0	170	2	125	2	299	1	81	701	0	1	784	2000



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Site Code : 32

Start Date : 10/1/2013

Page No : 2

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

Groups Printed- Cars + - Trucks

Start Time	CSAH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						CSAH 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	0	0	0	0	0	0	0	172	60	0	232	0	38	0	39	0	77	1	16	188	0	0	205	514
02:15 PM	0	0	0	0	0	0	0	0	167	70	0	237	0	47	0	36	0	83	1	11	221	0	0	233	553
02:30 PM	0	0	0	0	1	1	0	0	191	51	0	242	0	67	0	24	0	91	0	26	244	0	1	271	605
02:45 PM	0	0	0	0	0	0	0	0	185	34	1	220	0	60	0	31	0	91	0	13	275	0	0	288	599
Total	0	0	0	0	1	1	0	0	715	215	1	931	0	212	0	130	0	342	2	66	928	0	1	997	2271
03:00 PM	0	0	0	0	0	0	0	0	264	49	1	314	0	38	0	38	0	76	0	19	248	0	1	268	658
03:15 PM	0	0	0	0	0	0	0	0	204	46	0	250	0	48	2	42	0	92	0	23	253	0	1	277	619
03:30 PM	0	0	0	0	1	1	0	0	242	49	0	291	0	52	0	21	2	75	0	24	282	0	0	306	673
03:45 PM	0	0	0	0	1	1	0	0	219	51	1	271	0	56	0	30	0	86	0	17	303	0	0	320	678
Total	0	0	0	0	2	2	0	0	929	195	2	1126	0	194	2	131	2	329	0	83	1086	0	2	1171	2628
04:00 PM	0	0	0	0	1	1	0	0	250	60	0	310	0	53	2	30	0	85	0	15	321	0	1	337	733
04:15 PM	0	0	0	0	0	0	0	0	233	64	2	299	0	55	0	34	0	89	0	18	297	0	1	316	704
04:30 PM	0	0	0	0	0	0	0	0	229	59	0	288	0	42	0	38	2	82	0	18	366	0	1	385	755
04:45 PM	0	0	0	0	4	4	0	0	302	60	0	362	0	45	0	29	0	74	0	19	366	0	4	389	829
Total	0	0	0	0	5	5	0	0	1014	243	2	1259	0	195	2	131	2	330	0	70	1350	0	7	1427	3021
05:00 PM	0	0	0	0	1	1	0	0	261	47	0	308	0	56	1	40	2	99	0	27	335	0	3	365	773
05:15 PM	0	0	0	0	0	0	0	0	268	57	0	325	0	68	0	33	1	102	0	16	386	0	0	402	829
05:30 PM	0	0	0	0	5	5	0	0	264	59	0	323	0	51	0	25	1	77	0	32	350	0	0	382	787
05:45 PM	0	0	0	0	0	0	0	0	240	48	0	288	0	53	1	33	1	88	0	24	359	0	0	383	759
Total	0	0	0	0	6	6	0	0	1033	211	0	1244	0	228	2	131	5	366	0	99	1430	0	3	1532	3148
06:00 PM	0	0	0	0	1	1	0	0	223	73	0	296	0	47	0	40	1	88	0	21	292	0	1	314	699
06:15 PM	0	0	0	0	2	2	0	0	201	52	1	254	0	51	1	38	1	91	0	23	250	0	1	274	621
06:30 PM	0	0	0	0	0	0	0	0	211	69	0	280	0	51	0	29	0	80	0	16	220	0	1	237	597
06:45 PM	0	0	0	0	0	0	0	0	188	48	1	237	0	69	0	32	1	102	0	17	195	0	0	212	551
Total	0	0	0	0	3	3	0	0	823	242	2	1067	0	218	1	139	3	361	0	77	957	0	3	1037	2468
Grand Total	0	0	0	0	28	28	0	0	9903	3648	13	13564	0	2348	12	1654	38	4052	7	1237	11281				
Cars +	0	0	0	0	25	25	0	0	9536	3600	1	13137	0	2297	9	1632	38	3976	7	1226	10966	0	0	12199	29337
% Cars +	0	0	0	0	89.3	89.3	0	0	96.3	98.7	7.7	96.9	0	97.8	75	98.7	100	98.1	100	99.1	97.2	0	0	97.2	97.2
Trucks	0	0	0	0	3	3	0	0	367	48	12	427	0	51	3	22	0	76	0	11	315	0	23	349	855
% Trucks	0	0	0	0	10.7	10.7	0	0	3.7	1.3	92.3	3.1	0	2.2	25	1.3	0	1.9	0	0.9	2.8	0	100	2.8	2.8

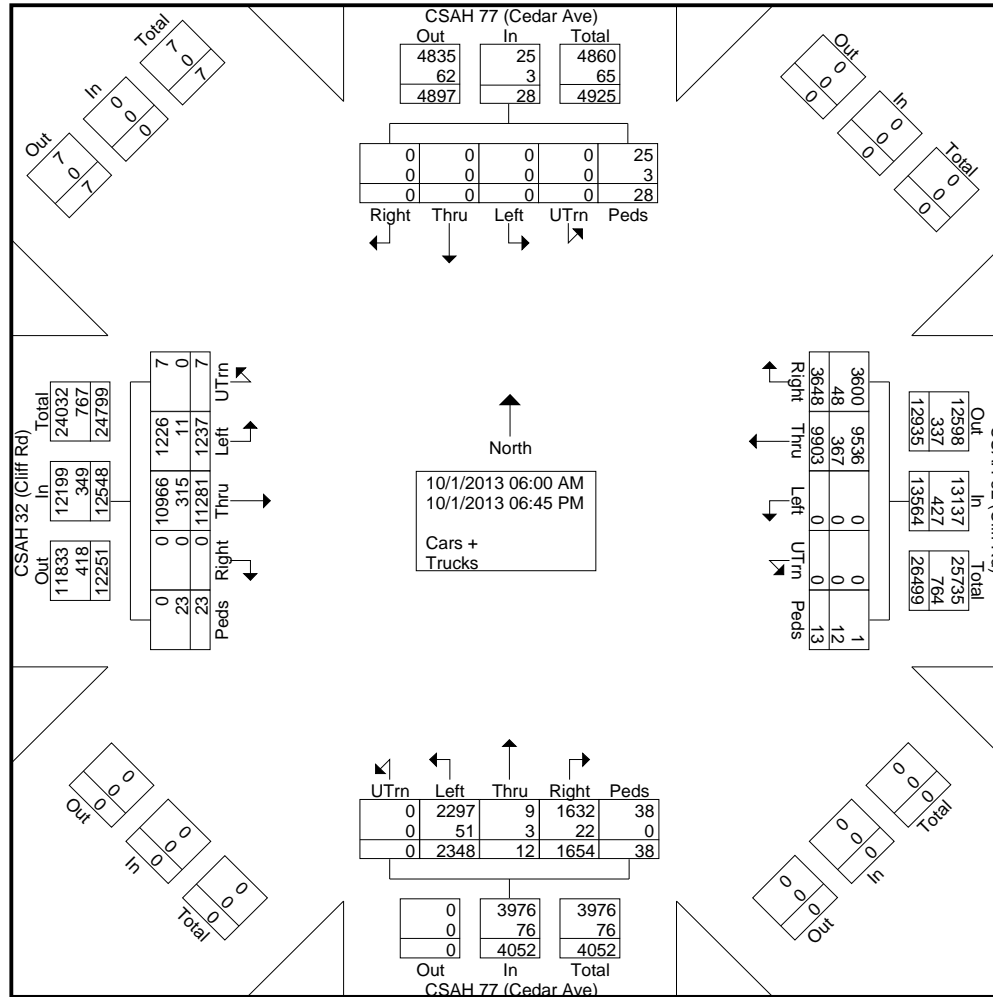


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File Name : 32 - CSAH 32 (Cliff Rd) & TH 77 (Cedar Ave) Eastern Ramp, 10-1-13, 6am-7pm  
 Site Code : 32  
 Start Date : 10/1/2013  
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CSAH 32 (Cliff Rd) & TH 77 Eastern Ramp  
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File Name : 32 - CSAH 32 (Cliff Rd) & TH 77 (Cedar Ave) Eastern Ramp, 10-1-13, 6am-7pm  
 Site Code : 32  
 Start Date : 10/1/2013  
 Page No : 4

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

Start Time	CSAH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						CSAH 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 07:00 AM																									
07:00 AM	0	0	0	0	5	5	0	0	189	169	0	358	0	32	0	26	1	59	0	35	187	0	0	222	644
07:15 AM	0	0	0	0	0	0	0	0	230	155	0	385	0	32	0	28	2	62	0	48	180	0	0	228	675
07:30 AM	0	0	0	0	0	0	0	0	217	131	0	348	0	43	0	46	0	89	0	41	208	0	0	249	686
07:45 AM	0	0	0	0	0	0	0	0	258	103	0	361	0	57	1	42	0	100	0	26	179	0	0	205	666
Total Volume	0	0	0	0	5	5	0	0	894	558	0	1452	0	164	1	142	3	310	0	150	754	0	0	904	2671
% App. Total	0	0	0	0	100		0	0	61.6	38.4	0		0	52.9	0.3	45.8	1		0	16.6	83.4	0	0		
PHF	.000	.000	.000	.000	.250	.250	.000	.000	.866	.825	.000	.943	.000	.719	.250	.772	.375	.775	.000	.781	.906	.000	.000	.908	.973

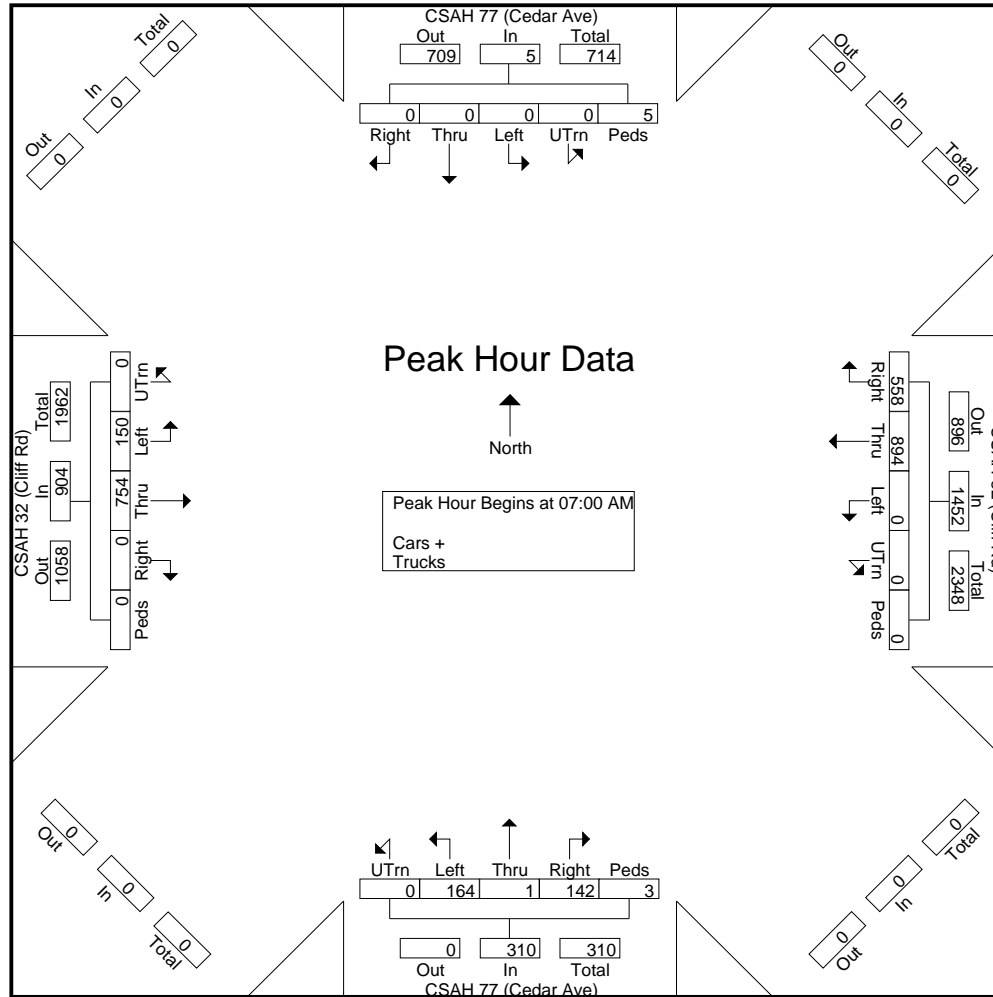


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CSAH 32 (Cliff Rd) & TH 77 Eastern Ramp  
Eagan, MN





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 Site Code : 32  
 Start Date : 10/1/2013  
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CSAH 32 (Cliff Rd) & TH 77 Eastern Ramp  
Eagan, MN

Start Time	CSAH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						CSAH 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 11:45 AM																									
11:45 AM	0	0	0	0	0	0	0	0	175	55	0	230	0	44	0	38	1	83	0	21	198	0	0	219	532
12:00 PM	0	0	0	0	0	0	0	0	184	62	0	246	0	36	0	39	0	75	0	13	274	0	1	288	609
12:15 PM	0	0	0	0	0	0	0	0	182	66	0	248	0	48	0	44	1	93	1	25	199	0	0	225	566
12:30 PM	0	0	0	0	0	0	0	0	198	86	0	284	0	37	0	30	0	67	0	18	220	0	1	239	590
Total Volume	0	0	0	0	0	0	0	0	739	269	0	1008	0	165	0	151	2	318	1	77	891	0	2	971	2297
% App. Total	0	0	0	0	0	0	0	0	73.3	26.7	0		0	51.9	0	47.5	0.6		0.1	7.9	91.8	0	0.2		
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.933	.782	.000	.887	.000	.859	.000	.858	.500	.855	.250	.770	.813	.000	.500	.843	.943

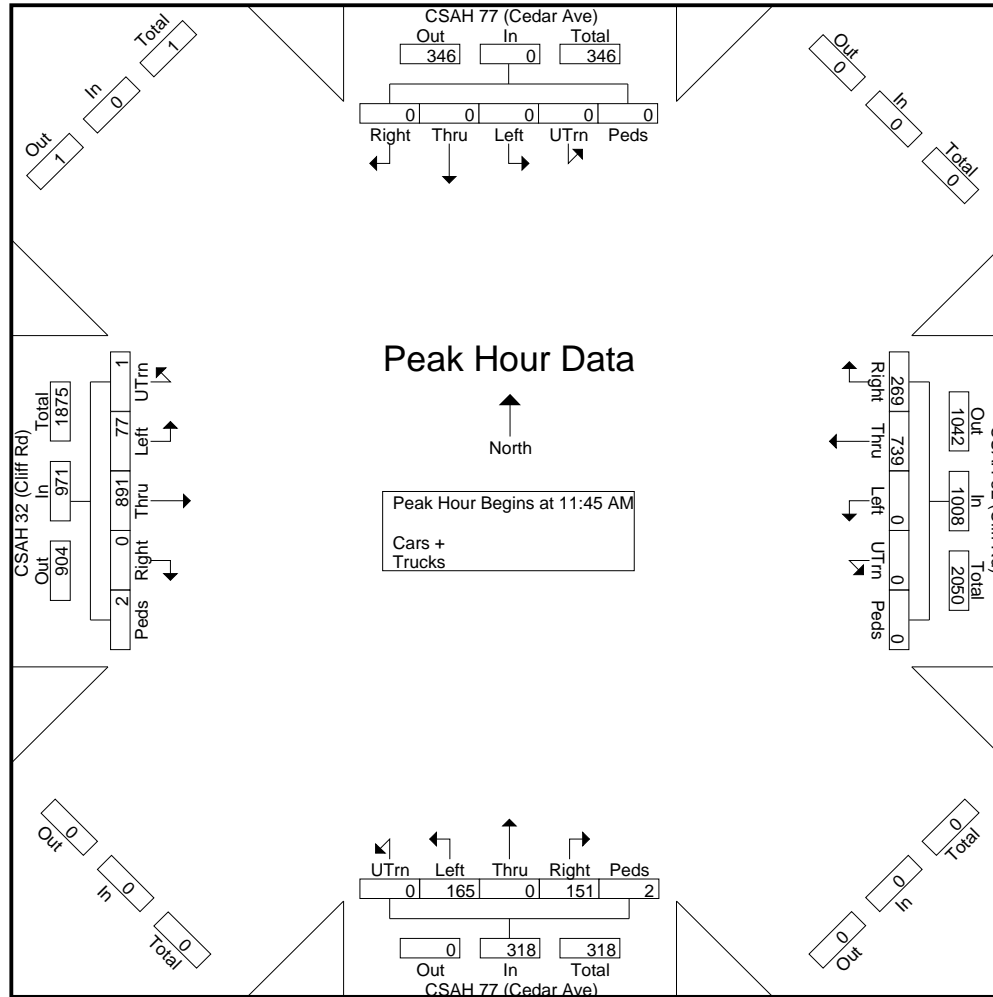


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Site Code : 32  
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CSAH 32 (Cliff Rd) & TH 77 Eastern Ramp  
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 Site Code : 32  
 Start Date : 10/1/2013  
 Page No : 8

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

Start Time	CSAH 77 (Cedar Ave) From North						CSAH 32 (Cliff Rd) From East						CSAH 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	0	0	0	4	4	0	0	302	60	0	362	0	45	0	29	0	74	0	19	366	0	4	389	829
05:00 PM	0	0	0	0	1	1	0	0	261	47	0	308	0	56	1	40	2	99	0	27	335	0	3	365	773
05:15 PM	0	0	0	0	0	0	0	0	268	57	0	325	0	68	0	33	1	102	0	16	386	0	0	402	829
05:30 PM	0	0	0	0	5	5	0	0	264	59	0	323	0	51	0	25	1	77	0	32	350	0	0	382	787
Total Volume	0	0	0	0	10	10	0	0	1095	223	0	1318	0	220	1	127	4	352	0	94	1437	0	7	1538	3218
% App. Total	0	0	0	0	100		0	0	83.1	16.9	0		0	62.5	0.3	36.1	1.1		0	6.1	93.4	0	0.5		
PHF	.000	.000	.000	.000	.500	.500	.000	.000	.906	.929	.000	.910	.000	.809	.250	.794	.500	.863	.000	.734	.931	.000	.438	.956	.970





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CSAH 32 (Cliff Rd) & TH 77 Eastern Ramp  
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