

Date : 08/01/05

Count Number : TMC0525

Location : US 10

@ CSAH 83 (Armstrong Blvd.)

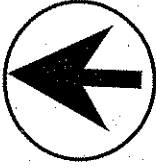
CSAH 83

5808

#2

2824	D	896
77	E	
1851	F	
	T	

2984



North

US 10

2003	G	21501
18964	H	
534	J	

44566

#3

23065

19949

#1

42159

22210	C	878
21062	B	
270	A	

US 10

89	M	344
103	L	
152	K	

881

#4

1225

Armstrong Blvd.

	LANES OF APPROACH			TOTAL
	RIGHT TURN LANE	LEFT TURN LANE	THRU LANES	
#1	1	1	2	4
#2	0	1	1	2
#3	1	1	2	4
#4	0	1	1	2

Anoka County Highway Department
 Traffic Volume and Turning
 Movement Study

Anoka County Highway Department
 Traffic Engineering
 Traffic Volume and Turning Movement Stud

File Name : tmc0525
 Site Code : 05250102
 Start Date : 08/01/2005
 Page No : 1

Weather: Sunny and warm
 Counter: TDC-8
 Counted by: Danielle/Samantha

Groups Printed- 1 - Unshifted

Start Time	CSAH 83 Southbound					US 10 Westbound					Armstrong Blvd. Northbound					US 10 Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total			
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0				
06:00	21	1	15	0	37	3	132	12	11	147	0	1	1	0	2	8	222	4	17	234	28	420	448
06:15	23	0	12	0	35	6	145	16	10	167	0	0	2	0	2	10	236	6	7	252	17	456	473
06:30	27	1	15	0	43	8	156	14	13	178	0	1	0	0	1	9	232	3	10	244	23	466	489
06:45	35	2	16	0	53	4	189	15	15	208	0	2	0	1	2	16	319	3	12	338	28	601	629
Total	106	4	58	0	168	21	622	57	49	700	0	4	3	1	7	43	1009	16	46	1068	96	1943	2039
07:00	57	2	20	0	79	5	203	19	16	227	0	1	2	0	3	23	536	18	29	577	45	886	931
07:15	45	1	13	0	59	6	227	23	11	256	0	1	1	0	2	25	548	5	31	578	42	895	937
07:30	40	1	16	0	57	8	256	25	10	289	0	1	5	0	6	16	559	6	20	581	30	933	963
07:45	41	0	16	0	57	10	289	27	13	326	0	0	1	0	1	15	556	5	25	576	38	960	996
Total	183	4	65	0	252	29	975	94	50	1098	0	3	9	0	12	79	2199	34	105	2312	155	3674	3829
08:00	39	1	15	0	55	9	308	25	15	342	0	1	3	0	4	14	556	6	20	576	35	977	1012
08:15	36	1	14	0	51	7	315	24	10	346	0	4	5	1	9	13	559	8	15	580	26	986	1012
08:30	41	1	18	0	60	12	336	26	11	374	1	2	4	0	7	16	589	9	18	614	29	1055	1084
08:45	12	0	17	0	29	8	359	32	9	399	3	0	6	0	9	17	573	2	15	592	24	1029	1053
Total	128	3	64	0	195	36	1318	107	45	1461	4	7	18	1	29	60	2277	25	68	2362	114	4047	4161
09:00	45	0	16	0	61	6	372	34	16	412	2	0	1	1	3	18	543	6	19	567	36	1043	1079
09:15	39	1	12	0	52	14	389	41	13	444	0	4	2	0	6	19	328	7	18	354	31	856	887
09:30	38	0	14	0	52	11	415	45	14	471	1	2	3	1	6	18	368	3	25	389	40	918	958
09:45	37	1	19	0	57	12	438	39	8	489	2	3	5	1	10	18	304	3	17	325	26	881	907
Total	159	2	61	0	222	43	1614	159	51	1816	5	9	11	3	25	73	1543	19	79	1635	133	3698	3831
10:00	36	0	20	0	56	8	456	35	12	499	4	2	2	0	8	15	305	3	26	323	38	886	924
10:15	35	0	16	0	51	10	489	32	11	531	3	1	4	0	8	14	360	5	21	379	32	969	1001
10:30	34	1	18	0	53	9	462	34	15	505	2	1	3	0	6	16	352	6	18	374	33	938	971
10:45	36	0	21	0	57	11	423	29	11	463	1	0	0	0	1	14	302	4	15	320	26	841	867
Total	141	1	75	0	217	38	1830	130	49	1998	10	4	9	0	23	59	1319	18	80	1396	129	3634	3763
11:00	39	1	21	0	61	13	389	28	17	430	0	0	1	1	1	13	304	5	16	322	34	814	848
11:15	41	0	23	0	64	16	354	26	14	396	0	1	1	0	2	12	306	9	22	327	36	789	825
11:30	45	0	25	0	70	12	321	19	12	352	2	2	4	1	8	18	309	8	26	335	39	765	804
11:45	36	1	17	0	54	8	286	21	16	315	3	1	3	0	7	17	310	7	31	334	47	710	757
Total	161	2	86	0	249	49	1350	94	59	1493	5	4	9	2	18	60	1229	29	95	1318	156	3078	3234
12:00	35	1	19	0	55	7	273	23	18	303	1	1	2	0	4	15	321	6	35	342	53	704	757
12:15	33	0	16	0	49	12	251	18	21	281	0	2	0	1	2	16	362	2	17	380	39	712	751
12:30	32	0	15	0	47	8	239	20	15	267	2	0	0	0	2	14	298	3	19	315	34	631	665
12:45	31	1	14	0	46	13	213	24	17	250	4	1	0	1	5	13	287	5	18	305	36	606	642
Total	131	2	64	0	197	40	976	85	71	1101	7	4	2	2	13	58	1268	16	89	1342	162	2653	2815
13:00	40	0	12	0	52	11	187	23	13	221	2	0	1	0	3	12	269	4	16	285	29	561	590
13:15	41	0	18	0	59	9	172	20	16	201	3	0	1	0	4	13	254	6	15	273	31	537	568
13:30	43	1	19	0	63	10	164	19	15	193	2	2	2	1	6	13	263	4	13	280	29	542	571
13:45	42	0	21	0	63	11	156	21	17	188	1	5	3	0	9	15	246	2	14	263	31	523	554
Total	166	1	70	0	237	41	679	83	61	803	8	7	7	1	22	53	1032	16	58	1101	120	2163	2283
14:00	51	4	21	2	76	8	261	33	19	302	0	6	6	3	12	26	534	7	24	567	48	957	1005
14:15	21	0	4	3	25	6	279	28	22	313	5	6	3	3	14	15	349	3	24	367	52	719	771
14:30	26	1	5	3	32	9	307	20	19	336	2	1	3	1	6	12	402	2	28	416	51	790	841
14:45	31	1	3	3	35	5	362	29	21	396	1	1	6	2	8	6	350	4	20	360	46	799	845
Total	129	6	33	11	168	28	1209	110	81	1347	8	14	18	9	40	59	1635	16	96	1710	197	3265	3462
15:00	28	2	9	2	39	13	321	26	13	360	1	3	1	1	5	12	291	4	35	307	51	711	762
15:15	18	0	20	3	38	3	368	42	18	413	2	3	5	1	10	14	331	3	26	348	48	809	857
15:30	31	2	24	1	57	8	373	39	16	420	3	0	2	1	5	10	352	4	24	366	42	848	890
15:45	19	3	19	1	41	13	367	49	9	429	0	2	0	0	2	23	379	5	21	407	31	879	910
Total	96	7	72	7	175	37	1429	156	56	1622	6	8	8	3	22	59	1353	16	106	1428	172	3247	3419

Anoka County Highway Department
Traffic Engineering
Traffic Volume and Turning Movement Stud

File Name : tmc0525
Site Code : 05250102
Start Date : 08/01/2005
Page No : 2

Weather: Sunny and warm
Counter: TDC-8
Counted by: Danielle/Samantha

Groups Printed- 1 - Unshifted

Start Time	CSAH 83 Southbound					US 10 Westbound					Armstrong Blvd. Northbound					US 10 Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total	Left	Thru	Right	Heavy	App. Total			
Factor	1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0		1.0	1.0	1.0	1.0				
16:00	20	3	18	1	41	19	428	54	19	501	4	5	1	0	10	19	310	3	19	332	39	884	923
16:15	16	5	8	3	29	8	387	49	13	444	3	4	7	0	14	21	323	2	23	346	39	833	872
16:30	12	4	21	3	37	6	399	53	10	458	1	3	5	0	9	17	339	5	16	361	29	865	894
16:45	16	2	25	3	43	7	398	49	10	454	3	3	0	0	6	18	334	2	25	354	38	857	895
Total	64	14	72	10	150	40	1612	205	52	1857	11	15	13	0	39	75	1306	12	83	1393	145	3439	3584
17:00	12	2	17	1	31	7	387	48	14	442	1	5	1	0	7	15	322	8	17	345	32	825	857
17:15	23	0	20	0	43	5	403	60	16	468	1	1	4	0	6	24	363	2	13	389	29	906	935
17:30	32	4	19	1	55	6	392	57	12	455	2	2	3	1	7	11	367	2	21	380	35	897	932
17:45	26	1	8	2	35	8	371	41	4	420	4	0	5	1	9	11	282	1	12	294	19	758	777
Total	93	7	64	4	164	26	1553	206	46	1785	8	8	13	2	29	61	1334	13	63	1408	115	3386	3501
18:00	31	2	13	2	46	4	360	52	12	416	3	1	5	0	9	16	317	1	8	334	22	805	827
18:15	21	1	6	2	28	3	386	44	11	433	2	0	3	0	5	13	277	2	0	292	13	758	771
18:30	25	1	13	0	39	10	344	54	8	408	0	1	4	0	5	10	257	2	12	269	20	721	741
18:45	34	2	12	0	48	6	326	55	11	387	2	0	5	0	7	6	197	1	6	204	17	646	663
Total	111	6	44	4	161	23	1416	205	42	1644	7	2	17	0	26	45	1048	6	26	1099	72	2930	3002
19:00	22	2	4	1	28	8	290	30	3	328	1	0	1	0	2	11	246	2	9	259	13	617	630
19:15	22	0	11	0	33	7	258	36	3	301	2	0	2	1	4	4	155	3	4	162	8	500	508
19:30	16	0	5	1	23	7	248	32	9	287	0	0	1	0	1	8	228	1	9	237	19	548	567
19:45	15	0	8	1	23	2	214	34	6	250	0	1	1	0	2	7	205	1	8	213	15	488	503
Total	77	2	28	3	107	24	1010	132	21	1166	3	1	5	1	9	30	834	7	30	871	55	2153	2208
20:00	17	1	10	0	28	8	207	29	7	244	3	2	2	1	7	8	195	3	10	206	18	485	503
20:15	15	2	8	0	25	11	198	37	5	246	1	2	1	1	4	9	185	3	7	197	13	472	485
20:30	14	3	6	0	23	9	178	24	6	211	1	2	0	1	3	6	189	7	5	202	12	439	451
20:45	9	5	3	0	17	5	167	23	4	195	2	1	1	0	4	9	190	2	3	201	7	417	424
Total	55	11	27	0	93	33	750	113	22	896	7	7	4	3	18	32	759	15	25	806	50	1813	1863
21:00	8	2	2	0	12	6	159	19	3	184	0	2	3	0	5	4	166	2	4	172	7	373	380
21:15	10	1	4	0	15	8	171	18	3	197	0	2	1	0	3	8	186	3	2	197	5	412	417
21:30	12	1	0	0	13	7	153	16	2	176	0	1	1	0	2	9	188	2	3	209	5	400	405
21:45	9	0	3	0	12	5	138	14	1	157	0	1	1	0	2	5	197	3	2	205	3	376	379
Total	39	4	9	0	52	26	621	67	9	714	0	6	6	0	12	26	747	10	11	783	20	1561	1581
22:00	12	1	4	0	17	0	0	0	0	0	0	0	0	0	0	6	170	2	1	178	1	195	196
Grand Total	185	77	896	39	2824	534	18964	2003	764	21501	89	103	152	28	344	878	21062	270	106	22210	1892	46879	48771
Apprch %	65.5	2.7	31.7			2.5	88.2	9.3			25.9	29.9	44.2			4.0	94.8	1.2					
Total %	3.9	0.2	1.9		6.0	1.1	40.5	4.3		45.9	0.2	0.2	0.3		0.7	1.9	44.9	0.6		47.4	3.9	96.1	

**ANOKA COUNTY HIGHWAY
PC-WARRANTS
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name : TMC0525
Study Date : 09/13/05
Page No. : 1

Signal Warrants - Summary

Major Street Approaches

Eastbound: US 10
Number of Lanes: 2
Approach Speed: 65
Total Approach Volume: 22,210

Westbound: US 10
Number of Lanes: 2
Approach Speed: 65
Total Approach Volume: 21,501

Minor Street Approaches

Northbound: Armstrong Blvd.
Number of Lanes: 2

Total Approach Volume: 344

Southbound: CSAH 83
Number of Lanes: 2

Total Approach Volume: 2,824

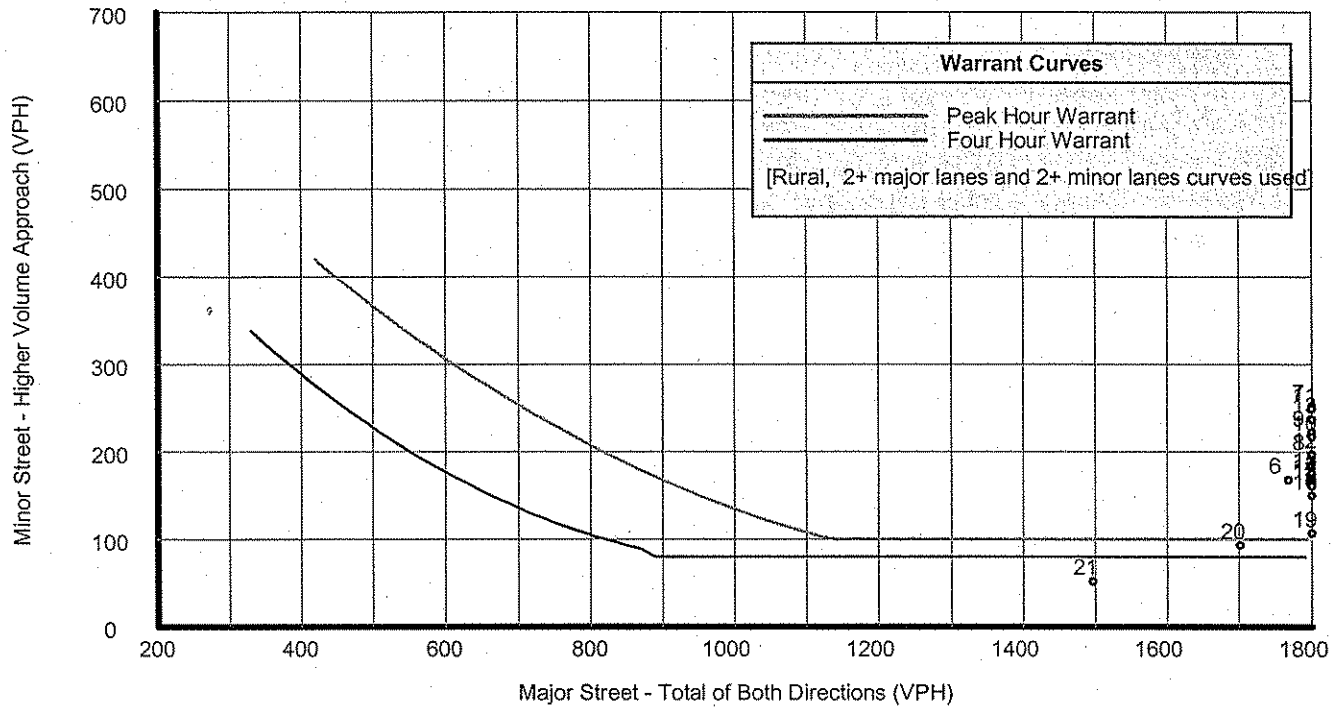
Warrant Summary (Rural values apply.)

Warrant 1 - Eight Hour Vehicular Volumes	Satisfied
Warrant 1A - Minimum Vehicular Volume Satisfied	
Required volumes reached for 13 hours, 8 are needed	
Warrant 1B - Interruption of Continuous Traffic Satisfied	
Required volumes reached for 15 hours, 8 are needed	
Warrant 1 A&B - Combination of Warrants Satisfied	
Required volumes reached for 13 hours, 8 are needed	
Warrant 2 - Four Hour Volumes	Satisfied
Number of hours (15) volumes exceed minimum >= minimum required (4).	
Warrant 3 - Peak Hour	Satisfied
Warrant 3A - Peak Hour Delay Satisfied	
Number of hours (44) volumes exceed minimum >= required (1). Delay data not evaluated.	
Warrant 3B - Peak Hour Volumes Satisfied	
Volumes exceed minimums for at least one hour.	
Warrant 4 - Pedestrian Volumes	Not Evaluated
Warrant 5 - School Crossing	Not Evaluated
Warrant 6 - Coordinated Signal System	Not Evaluated
Warrant 7 - Crash Experience	Not Evaluated
Warrant 8 - Roadway Network	Not Evaluated

ANOKA COUNTY HIGHWAY PC-WARRANTS TRAFFIC SIGNAL WARRANT ANALYSIS

Study Name : TMC0525
Study Date : 09/13/05
Page No. : 2

Signal Warrants - Summary



Analysis of 8-Hour Volume Warrants:

Hour Begin	Major Total	Higher Minor		War-1A			War-1B			War-1A&B		
		Vol	Dir	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
01:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
02:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
03:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
04:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
05:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
06:00	1,768	168	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
07:00	3,410	252	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
08:00	3,823	195	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
09:00	3,451	222	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
10:00	3,394	217	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
11:00	2,811	249	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
12:00	2,443	197	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
13:00	1,904	237	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
14:00	3,057	168	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
15:00	3,050	175	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
16:00	3,250	150	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
17:00	3,193	164	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
18:00	2,743	161	SB	420-Yes	140-Yes	Both	630-Yes	70-Yes	Both	504-Yes	112-Yes	Both
19:00	2,037	107	SB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
20:00	1,702	93	SB	420-Yes	140-No	Major	630-Yes	70-Yes	Both	504-Yes	112-No	Major
21:00	1,497	52	SB	420-Yes	140-No	Major	630-Yes	70-No	Major	504-Yes	112-No	Major
22:00	178	17	SB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---
23:00	0	0	NB	420-No	140-No	---	630-No	70-No	---	504-No	112-No	---

**ANOKA COUNTY HIGHWAY
PC-WARRANTS
TRAFFIC SIGNAL WARRANT ANALYSIS**

Study Name : TMC0525
Study Date : 09/13/05

Multi-Way Stop Warrant Report

Major Street Approaches

Eastbound: US 10
Total Approach Volume: 22,210
Approach Speed: 65

Westbound: US 10
Total Approach Volume: 21,501
Approach Speed: 65

Minor Street Approaches

Northbound: Armstrong Blvd.
Total Approach Volume: 344

Southbound: CSAH 83
Total Approach Volume: 2,824

Warrant Summary

Criteria A - Interim Measure Not Evaluated
If traffic signals are justified, stop signs can be installed as an interim measure.

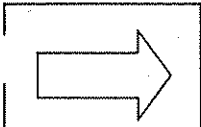
Criteria B - Crash Experience Not Evaluated

Criteria C - Minimum Volumes and Delays Satisfied
Delay data not evaluated
Required volumes reached for 13 hours, 8 are needed

Criteria D - 80% of Volumes, Delays, and Crashes Not Evaluated
Delay data not evaluated
Required volumes reached for 0 hours, 8 are needed

Analysis of 8-Hour Volume Warrants:

Time	Major Total	Minor Total	Crit C			Crit D		
			Major	Minor Crit	Meets?	Major Crit	Minor Crit	Meets?
00:00 - 01:00	0	0	210-No	140-No	No	240-No	160-No	No
01:00 - 02:00	0	0	210-No	140-No	No	240-No	160-No	No
02:00 - 03:00	0	0	210-No	140-No	No	240-No	160-No	No
03:00 - 04:00	0	0	210-No	140-No	No	240-No	160-No	No
04:00 - 05:00	0	0	210-No	140-No	No	240-No	160-No	No
05:00 - 06:00	0	0	210-No	140-No	No	240-No	160-No	No
06:00 - 07:00	1,768	175	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
07:00 - 08:00	3,410	264	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
08:00 - 09:00	3,823	224	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
09:00 - 10:00	3,451	247	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
10:00 - 11:00	3,394	240	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
11:00 - 12:00	2,811	267	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
12:00 - 13:00	2,443	210	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
13:00 - 14:00	1,904	259	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
14:00 - 15:00	3,057	208	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
15:00 - 16:00	3,050	197	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
16:00 - 17:00	3,250	189	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
17:00 - 18:00	3,193	193	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
18:00 - 19:00	2,743	187	210-Yes	140-Yes	Both	240-Yes	160-Yes	Both
19:00 - 20:00	2,037	116	210-Yes	140-No	Major	240-Yes	160-No	Major
20:00 - 21:00	1,702	111	210-Yes	140-No	Major	240-Yes	160-No	Major
21:00 - 22:00	1,497	64	210-Yes	140-No	Major	240-Yes	160-No	Major
22:00 - 23:00	178	17	210-No	140-No	No	240-No	160-No	No
23:00 - 00:00	0	0	210-No	140-No	No	240-No	160-No	No



COUNT LOCATION:

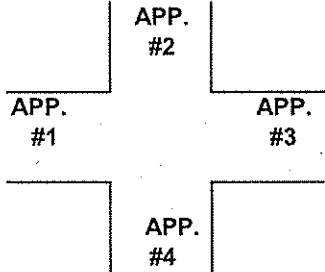
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08/02/2005

CSAH 83 (Armstrong Blvd.)

NORTH
APP.#1= Armstrong Blvd.
APP.#2= US 10
APP.#3= CSAH 83
APP.#4= US 10



- HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT
- A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.
 - B. RV- A HEAVY VEHICLE OPERATED BY A PRIVATE MOTORIST AND INVOLVED IN THE TRANSPORT OF RECREATIONAL EQUIPMENT OR FACILITIES.
 - C. BUSES- A HEAVY VEHICLE INVOLVED IN THE TRANSPORTATION OF GROUPS OF PEOPLE.

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
6:00-6:15AM						25	3	
6:15-6:30						15	2	
6:30-6:45						22	1	
6:45-7:00						24	2	1
HOURLY TOTAL						HOURLY TOTAL		95
7:00-7:15						43		2
7:15-7:30						40	2	
7:30-7:45						30		
7:45-8:00						35	2	1
HOURLY TOTAL						HOURLY TOTAL		155
8:00-8:15						33	1	
8:15-8:30						28	1	1
8:30-8:45						28		
8:45-9:00						26		
HOURLY TOTAL						HOURLY TOTAL		118
9:00-9:15						36	1	
9:15-9:30						29	2	
9:30-9:45						32	4	4
9:45-10:00						25	1	
HOURLY TOTAL						HOURLY TOTAL		134
10:00-10:15						32	3	3
10:15-10:30						33		
10:30-10:45						32		1
10:45-11:00						26		
HOURLY TOTAL						HOURLY TOTAL		130
11:00-11:15						34		
11:15-11:30						37		
11:30-11:45						36		
11:45-12:00						44	1	1
HOURLY TOTAL						HOURLY TOTAL		153
12:00-12:15						51		2
12:15-12:30						38	1	
12:30-12:45						33		1
12:45-1:00						35	1	
HOURLY TOTAL						HOURLY TOTAL		162
1:00-1:15						28		
1:15-1:30						31		
1:30-1:45						28	1	
1:45-2:00						27		1
HOURLY TOTAL						HOURLY TOTAL		116
					TOTAL		TOTAL	1063

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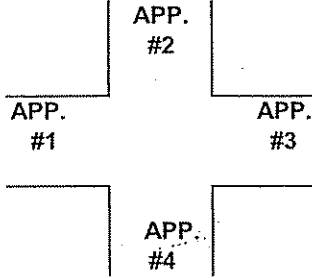
US 10 @

DATE:

08/01/2005

CSAH 83 (Armstrong Blvd.)

NORTH
APP.#1= Armstrong Blvd.
APP.#2= US 10
APP.#3= CSAH 83
APP.#4= US 10



- HEAVY VEHICLE- ANY VEHICLE HAVING MORE THAN FOUR TIRES TOUCHING THE PAVEMENT
- A. TRUCKS- A HEAVY VEHICLE INVOLVED PRIMARILY IN THE TRANSPORT OF GOODS OR IN THE DELIVERY OF A SERVICE.
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 - C. BUSES- A HEAVY VEHICLE INVOLVED IN THE TRANSPORTATION OF GROUPS OF PEOPLE.

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
2:00-2:15PM						38	6	
2:15-2:30						39	9	2
2:30-2:45						42	4	
2:45-3:00						46	2	
HOURLY TOTAL						HOURLY TOTAL		188
3:00-3:15						48	1	1
3:15-3:30						47	4	
3:30-3:45						39		1
3:45-4:00						31		
HOURLY TOTAL						HOURLY TOTAL		172
4:00-4:15						38		
4:15-4:30						36		2
4:30-4:45						32	2	1
4:45-5:00						33	3	
HOURLY TOTAL						HOURLY TOTAL		147
5:00-5:15						27	2	2
5:15-5:30						27	1	1
5:30-5:45						32		3
5:45-6:00						18	1	1
HOURLY TOTAL						HOURLY TOTAL		115
6:00-6:15						20	1	
6:15-6:30						15	2	3
6:30-6:45						16		2
6:45-7:00				1	1	12		2
HOURLY TOTAL					1	HOURLY TOTAL		73
7:00-7:15						12		
7:15-7:30						11	1	
7:30-7:45						20	1	
7:45-8:00						12		
HOURLY TOTAL						HOURLY TOTAL		57
8:00-8:15						15	3	1
8:15-8:30						11		
8:30-8:45						10		
8:45-9:00						8		
HOURLY TOTAL						HOURLY TOTAL		48
9:00-9:15						6		
9:15-9:30						5		
9:30-9:45						4		
9:45-10:00						3		
HOURLY TOTAL						HOURLY TOTAL		18
					TOTAL		TOTAL	1881

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