



Anoka County Highway Department

Traffic Engineering Section Traffic Volume and Turning Movement Study

Weather: Cool and Cloudy
Counter: TDC-12
Counted by: Shelley/Sean

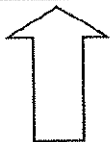
File Name : TMC0834
Site Code : 08340102
Start Date : 11/19/2008
Page No : 1

Groups Printed- Unshifted

Start Time	TH 65 off ramp Southbound					CSAH 14 Westbound					TH 65 off ramp Northbound					CSAH 14 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			
06:00	17	0	21	2	38	10	44	3	0	57	4	0	4	1	8	11	41	39	2	91	5	194	199
06:15	28	0	21	0	49	34	60	9	0	103	8	0	5	0	13	16	39	39	1	94	1	259	260
06:30	25	0	29	2	54	20	82	9	2	111	9	0	14	1	23	29	47	55	1	131	6	319	325
06:45	37	0	49	2	86	29	102	13	2	144	27	0	7	2	34	20	70	33	11	123	17	387	404
Total	107	0	120	6	227	93	288	34	4	415	48	0	30	4	78	76	197	166	15	439	29	1159	1188
07:00	33	0	45	5	78	39	107	12	11	158	18	0	13	4	31	15	80	39	2	134	22	401	423
07:15	28	0	40	1	68	37	144	22	10	203	23	0	11	3	34	26	106	36	6	168	20	473	493
07:30	36	0	46	3	82	27	137	11	2	175	30	0	12	3	42	15	113	43	5	171	13	470	483
07:45	55	0	39	4	94	26	114	23	3	163	19	0	19	3	38	28	122	50	16	200	26	495	521
Total	152	0	170	13	322	129	502	68	26	699	90	0	55	13	145	84	421	168	29	673	81	1839	1920
*** BREAK ***																							
16:00	41	0	30	2	71	36	151	70	11	257	55	0	50	4	105	32	161	25	6	218	23	651	674
16:15	38	0	33	0	71	31	149	64	5	244	47	0	66	1	113	57	149	37	3	243	9	671	680
16:30	46	0	33	3	79	38	147	70	8	255	32	0	72	3	104	51	143	33	2	227	16	665	681
16:45	40	0	30	0	70	41	166	66	8	273	37	0	52	0	89	31	138	36	0	205	8	637	645
Total	165	0	126	5	291	146	613	270	32	1029	171	0	240	8	411	171	591	131	11	893	56	2624	2680
17:00	37	0	29	0	66	33	186	56	2	275	45	0	69	0	114	40	141	19	1	200	3	655	658
17:15	40	0	22	1	62	39	164	70	5	273	40	0	60	2	100	65	177	29	1	271	9	706	715
17:30	36	0	33	0	69	28	158	68	2	254	49	0	68	1	117	51	146	22	6	219	9	659	668
17:45	30	0	30	0	60	38	130	60	0	228	47	0	62	2	109	25	140	36	2	201	4	598	602
Total	143	0	114	1	257	138	638	254	9	1030	181	0	259	5	440	181	604	106	10	891	25	2618	2643
Grand Total	567	0	530	25	1097	506	2041	626	71	3173	490	0	584	30	1074	512	1813	571	65	2896	191	8240	8431
Approch %	51.7	0	48.3			15.9	64.3	19.7			45.6	0	54.4			17.7	62.6	19.7					
Total %	6.9	0	6.4		13.3	6.1	24.8	7.6		38.5	5.9	0	7.1		13	6.2	22	6.9		35.1	2.3	97.7	

Start Time	TH 65 off ramp Southbound				CSAH 14 Westbound				TH 65 off ramp Northbound				CSAH 14 Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 06:00 to 11:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00																	
07:00	33	0	45	78	39	107	12	158	18	0	13	31	15	80	39	134	401
07:15	28	0	40	68	37	144	22	203	23	0	11	34	26	106	36	168	473
07:30	36	0	46	82	27	137	11	175	30	0	12	42	15	113	43	171	470
07:45	55	0	39	94	26	114	23	163	19	0	19	38	28	122	50	200	495
Total Volume	152	0	170	322	129	502	68	699	90	0	55	145	84	421	168	673	1839
% App. Total	47.2	0	52.8		18.5	71.8	9.7		62.1	0	37.9		12.5	62.6	25		
PHF	.691	.000	.924	.856	.827	.872	.739	.861	.750	.000	.724	.863	.750	.863	.840	.841	.929

Start Time	TH 65 off ramp Southbound				CSAH 14 Westbound				TH 65 off ramp Northbound				CSAH 14 Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 12:00 to 17:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:30																	
16:30	46	0	33	79	38	147	70	255	32	0	72	104	51	143	33	227	665
16:45	40	0	30	70	41	166	66	273	37	0	52	89	31	138	36	205	637
17:00	37	0	29	66	33	186	56	275	45	0	69	114	40	141	19	200	655
17:15	40	0	22	62	39	164	70	273	40	0	60	100	65	177	29	271	706
Total Volume	163	0	114	277	151	663	262	1076	154	0	253	407	187	599	117	903	2663
% App. Total	58.8	0	41.2		14	61.6	24.3		37.8	0	62.2		20.7	66.3	13		
PHF	.886	.000	.864	.877	.921	.891	.936	.978	.856	.000	.878	.893	.719	.846	.813	.833	.943



COUNT LOCATION:

CSAH 14 (125th Ave.) @

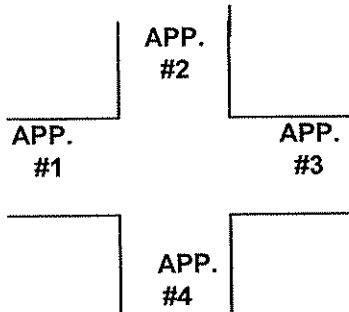
DATE:

11/19/2008

TH 65 bridge ramps

NORTH

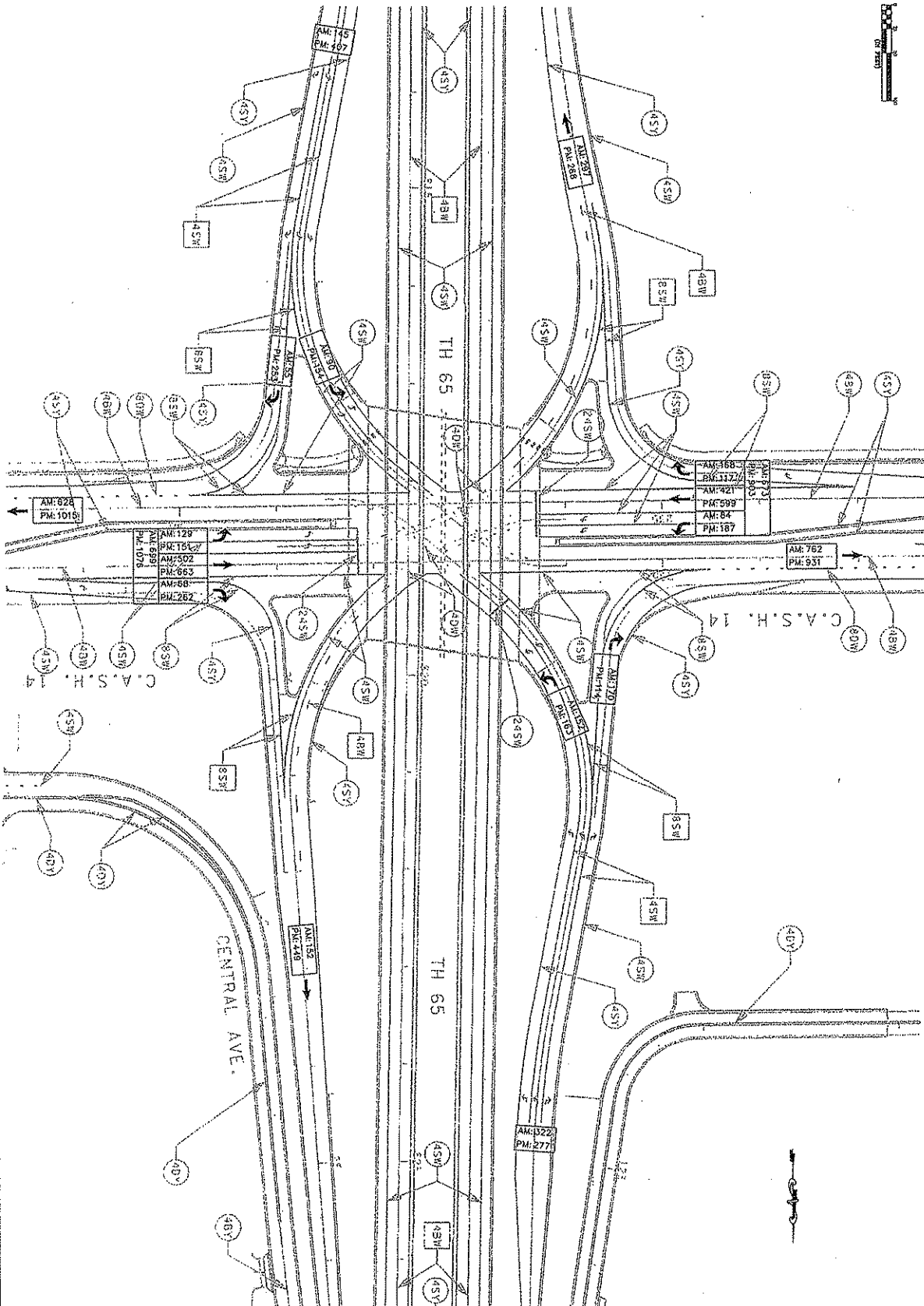
APP. #1 = CSAH 14
APP. #2 = SB off ramp
APP. #3 = CSAH 14
APP. #4 = NB off ramp



- 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						5		
6:15-6:30						2		
6:30-6:45						5		1
6:45-7:00						8		9
HOURLY TOTAL						HOURLY TOTAL		30
7:00-7:15AM						9		13
7:15-7:30						11		9
7:30-7:45						8		5
7:45-8:00						14		12
HOURLY TOTAL						HOURLY TOTAL		81
					TOTAL		TOTAL	111

TIME	PEDESTRIANS					HEAVY VEHICLES		
	APP. #1	APP. #2	APP. #3	APP. #4	15 MIN TOT	TRUCKS	RV	BUS
4:00-4:15PM						9		13
4:15-4:30						2		7
4:30-4:45						7	1	8
4:45-5:00						7		1
HOURLY TOTAL						HOURLY TOTAL		55
5:00-5:15PM						2		1
5:15-5:30						8		1
5:30-5:45						6		3
5:45-6:00						4		
HOURLY TOTAL						HOURLY TOTAL		25
					TOTAL		TOTAL	80



I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: _____
 SIGNATURE: _____

DESIGNED BY: STE. DATE: 12/20/08
 CHECKED BY: _____ DATE: _____



ANOXA COUNTY
 HIGHWAY DEPT.

STATE PROJECT NO. _____
 STATE AID PROJECT NO. _____
 STATE AID PROJECT NO. _____

CSAH 14 @ TH 65 BRIDGE
 PEAK AM/PM
 TURN VOLUMES