



# MINNESOTA DEPT OF TRANSPORTATION

## TRAFFIC DATA COLLECTION - METRO

TH-36 at Manning Ave. /CSAH-15  
 Ref.Pt.: 016.721  
 Video - RE  
 TURN MOVEMENT COUNT

File Name : TH-36 at Manning Ave CSAH-15 2013  
 Site Code :  
 Start Date : 3/12/2013  
 Page No : 1

Groups Printed- Cars +

Start Time	Manning Ave / CSAH-15 Southbound					TH-36 Westbound					Manning Ave Northbound					TH-36 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	19	0	49	0	0	0	204	12	0	0	2	0	0	0	0	5	90	0	0	381
06:15	0	20	0	70	0	2	0	262	10	0	0	2	0	0	0	0	6	143	0	0	515
06:30	0	37	0	75	0	1	1	290	13	0	0	1	1	1	0	0	5	168	0	0	593
06:45	0	41	1	93	0	0	0	277	16	0	0	1	0	0	0	0	5	172	0	0	606
Total	0	117	1	287	0	3	1	1033	51	0	0	6	1	1	0	0	21	573	0	0	2095
07:00	0	36	3	80	0	0	1	289	13	0	0	0	0	1	0	0	11	119	0	0	553
07:15	0	47	0	74	0	0	0	280	16	0	0	0	0	0	0	0	9	188	1	0	615
07:30	0	67	0	84	0	0	0	320	12	0	0	3	1	1	0	0	12	190	2	0	692
07:45	0	77	0	70	0	0	0	241	15	0	0	3	0	2	0	0	17	270	0	0	695
Total	0	227	3	308	0	0	1	1130	56	0	0	6	1	4	0	0	49	767	3	0	2555
08:00	9	39	1	63	0	0	1	243	19	0	0	1	0	0	0	0	26	175	1	0	578
08:15	0	54	0	63	0	0	0	204	23	0	0	2	1	4	0	0	15	215	2	0	583
08:30	0	44	0	68	0	0	1	220	22	0	0	4	0	1	0	0	20	207	2	0	589
08:45	0	38	1	59	0	0	2	184	25	0	0	2	0	1	0	0	21	186	3	0	522
Total	9	175	2	253	0	0	4	851	89	0	0	9	1	6	0	0	82	783	8	0	2272
*****BREAK*****																					
11:00	0	29	0	36	0	1	2	196	43	0	0	2	0	3	0	0	20	174	1	0	507
11:15	0	48	0	29	0	0	1	178	41	0	0	2	0	0	0	1	16	175	1	0	492
11:30	1	36	0	20	0	0	1	178	30	0	0	2	0	2	0	0	30	171	1	0	472
11:45	0	34	2	33	0	0	1	265	29	0	0	3	0	2	0	0	27	200	2	0	598
Total	1	147	2	118	0	1	5	817	143	0	0	9	0	7	0	1	93	720	5	0	2069
12:00	0	35	1	18	0	1	2	211	48	0	0	0	0	2	0	0	35	143	0	0	496
12:15	0	59	0	28	0	0	2	162	26	0	0	4	1	1	0	0	46	173	3	0	505
12:30	0	45	1	28	0	1	4	197	33	0	0	0	4	2	0	0	30	198	1	0	544
12:45	0	57	0	11	0	0	0	223	13	0	0	0	0	1	0	0	26	336	0	0	667
Total	0	196	2	85	0	2	8	793	120	0	0	4	5	6	0	0	137	850	4	0	2212
*****BREAK*****																					
15:00	0	23	2	18	0	1	0	271	75	0	0	0	0	2	0	0	45	245	1	0	683
15:15	0	37	0	18	0	0	2	304	39	0	0	2	0	1	0	1	68	308	3	0	783
15:30	0	33	1	19	0	1	4	286	63	0	0	2	2	1	0	0	105	351	4	0	872
15:45	0	46	1	28	0	0	1	201	52	0	0	2	1	3	0	0	81	376	4	0	796
Total	0	139	4	83	0	2	7	1062	229	0	0	6	3	7	0	1	299	1280	12	0	3134
16:00	0	37	1	22	0	0	2	267	71	0	0	0	1	4	0	0	84	296	1	0	786
16:15	0	43	2	20	0	1	0	363	59	0	0	1	1	1	0	0	88	509	1	0	1089
16:30	0	42	1	17	0	0	3	298	58	0	0	2	0	3	0	0	93	381	3	0	901
16:45	0	58	0	25	0	1	4	259	58	0	0	1	0	0	0	0	81	331	1	0	819
Total	0	180	4	84	0	2	9	1187	246	0	0	4	2	8	0	0	346	1517	6	0	3595
17:00	0	54	1	32	0	0	2	292	62	0	0	0	0	0	0	0	97	362	3	0	905
17:15	0	52	1	31	0	0	2	250	87	0	0	0	1	2	0	0	129	351	1	0	907
17:30	0	55	0	29	0	0	4	265	72	0	0	4	0	2	0	0	113	372	1	0	917
17:45	0	49	1	35	0	0	2	179	62	0	0	1	0	1	0	0	114	322	4	0	770
Total	0	210	3	127	0	0	10	986	283	0	0	5	1	5	0	0	453	1407	9	0	3499



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Groups Printed- Cars +

	Manning Ave / CSAH-15 Southbound					TH-36 Westbound					Manning Ave Northbound					TH-36 Eastbound					Int. Total
	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	UTrn	Left	Thru	Right	Peds	
Grand Total	10	1391	21	1345	0	10	45	7859	1217	0	0	49	14	44	0	2	1480	7897	47	0	21431
Apprch %	0.4	50.3	0.8	48.6	0	0.1	0.5	86.1	13.3	0	0	45.8	13.1	41.1	0	0	15.7	83.8	0.5	0	
Total %	0	6.5	0.1	6.3	0	0	0.2	36.7	5.7	0	0	0.2	0.1	0.2	0	0	6.9	36.8	0.2	0	



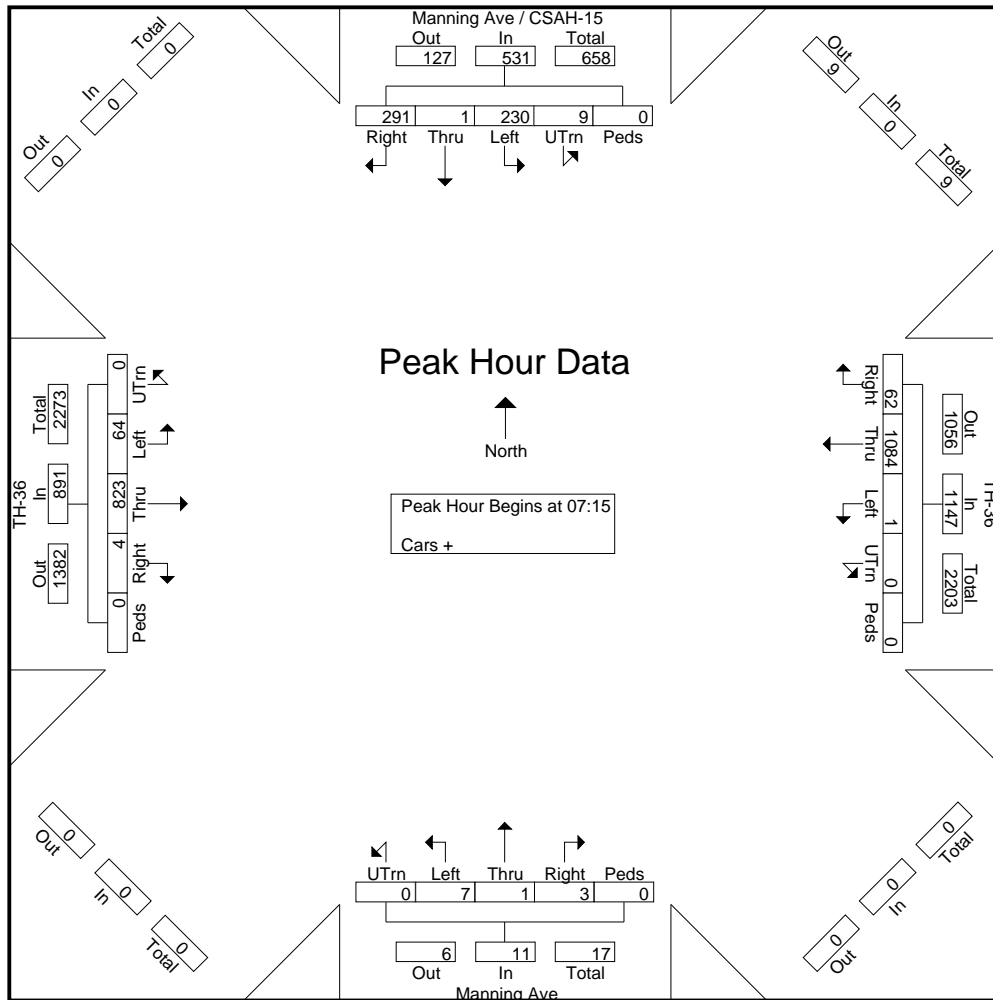
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Start Time	Manning Ave / CSAH-15 Southbound						TH-36 Westbound						Manning Ave Northbound						TH-36 Eastbound						Int. Total	
	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total	UTrn	Left	Thru	Right	Peds	App. Total		
Peak Hour Analysis From 06:00 to 08:45 - Peak 1 of 1 Peak Hour for Entire Intersection Begins at 07:15																										
07:15	0	47	0	74	0	121	0	0	28	16	0	296	0	0	0	0	0	0	0	9	18	8	1	0	198	615
07:30	0	67	0	84	0	151	0	0	320	12	0	332	0	3	1	1	0	5	0	12	190	2	0	204	692	
07:45	0	77	0	70	0	147	0	0	241	15	0	256	0	3	0	2	0	5	0	17	270	0	0	287	695	
08:00	9	39	1	63	0	112	0	1	243	19	0	263	0	1	0	0	0	1	0	26	175	1	0	202	578	
Total Volume	9	230	1	291	0	531	0	1	1084	62	0	1147	0	7	1	3	0	11	0	64	823	4	0	891	2580	
% App. Total	1.7	43.3	0.2	54.8	0		0	0.1	94.5	5.4	0		0	63.6	9.1	27.3	0		0	7.2	92.4	0.4	0			
PHF	.250	.747	.250	.866	.000	.879	.000	.250	.847	.816	.000	.864	.000	.583	.250	.375	.000	.550	.000	.615	.762	.500	.000	.776	.928	





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	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	
16:15	0	43	2	20	0	65	1	0	363	59	0	423	0	1	1	1	0	3	0	88	509	1	0	598	1089
16:30	0	42	1	17	0	60	0	3	298	58	0	359	0	2	0	3	0	5	0	93	381	3	0	477	901
16:45	0	58	0	25	0	83	1	4	259	58	0	322	0	1	0	0	0	1	0	81	331	1	0	413	819
17:00	0	54	1	32	0	87	0	2	292	62	0	356	0	0	0	0	0	0	0	97	362	3	0	462	905
Total Volume	0	197	4	94	0	295	2	9	1212	237	0	1460	0	4	1	4	0	9	0	359	1583	8	0	1950	3714
% App. Total	0	66.8	1.4	31.9	0		0.1	0.6	83	16.2	0		0	44.4	11.1	44.4	0		0	18.4	81.2	0.4	0		
PHF	.000	.849	.500	.734	.000	.848	.500	.563	.835	.956	.000	.863	.000	.500	.250	.333	.000	.450	.000	.925	.778	.667	.000	.815	.853

