

Ramsey County Public Works

1425 Paul Kirkwold Drive
Arden Hills, MN 55112
Taehyoung Kim

File Name : White Bear Ave and TH 36 S Ramp
Site Code : 00000000
Start Date : 8/12/2014
Page No : 1

Groups Printed- Class 1

Start Time	White Bear Avenue From North					TH 36 S Ramp From East					White Bear Avenue From South					TH 36 S Ramp From West					Int. Total
	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	
06:00 AM	0	25	8	0	33	0	0	0	0	0	15	88	0	1	104	11	0	5	0	16	153
06:15 AM	0	54	4	0	58	0	0	0	0	0	16	121	0	1	138	29	0	6	0	35	231
06:30 AM	0	65	3	0	68	0	0	0	0	0	18	168	0	0	186	27	0	19	0	46	300
06:45 AM	0	79	9	3	91	0	0	0	0	0	23	155	0	1	179	33	0	19	0	52	322
Total	0	223	24	3	250	0	0	0	0	0	72	532	0	3	607	100	0	49	0	149	1006
07:00 AM	0	79	11	0	90	0	0	0	0	0	14	149	0	2	165	39	0	20	0	59	314
07:15 AM	0	104	17	0	121	0	0	0	0	0	20	164	0	3	187	59	0	20	0	79	387
07:30 AM	0	140	19	0	159	0	0	0	0	0	19	186	0	2	207	48	0	27	0	75	441
07:45 AM	0	130	15	0	145	0	0	0	0	0	22	181	0	2	205	49	0	38	0	87	437
Total	0	453	62	0	515	0	0	0	0	0	75	680	0	9	764	195	0	105	0	300	1579
08:00 AM	0	104	19	1	124	0	0	0	0	0	11	167	0	0	178	42	0	31	0	73	375
08:15 AM	0	111	16	0	127	0	0	0	0	0	17	185	0	0	202	45	0	33	0	78	407
08:30 AM	0	121	18	4	143	0	0	0	0	0	26	187	0	3	216	51	0	45	0	96	455
08:45 AM	0	131	17	0	148	0	0	0	0	0	19	197	0	1	217	59	0	49	0	108	473
Total	0	467	70	5	542	0	0	0	0	0	73	736	0	4	813	197	0	158	0	355	1710
09:00 AM	0	130	21	0	151	0	0	0	0	0	29	206	0	0	235	35	0	33	0	68	454
09:15 AM	0	101	19	3	123	0	0	0	0	0	21	169	0	1	191	40	0	45	0	85	399
*** BREAK ***																					
Total	0	231	40	3	274	0	0	0	0	0	50	375	0	1	426	75	0	78	0	153	853
*** BREAK ***																					
10:30 AM	0	150	20	1	171	0	0	0	0	0	32	210	0	1	243	28	0	60	0	88	502
10:45 AM	0	168	27	0	195	0	0	0	0	0	30	211	0	1	242	52	0	63	0	115	552
Total	0	318	47	1	366	0	0	0	0	0	62	421	0	2	485	80	0	123	0	203	1054
11:00 AM	0	162	32	0	194	0	0	0	0	0	27	219	0	0	246	41	0	48	0	89	529
11:15 AM	0	173	26	1	200	0	0	0	0	0	25	231	0	0	256	45	0	51	0	96	552
11:30 AM	0	154	25	2	181	0	0	0	0	0	34	212	0	2	248	56	1	59	0	116	545
11:45 AM	0	175	32	2	209	0	0	0	0	0	30	243	0	0	273	57	0	52	0	109	591
Total	0	664	115	5	784	0	0	0	0	0	116	905	0	2	1023	199	1	210	0	410	2217
12:00 PM	0	193	28	1	222	0	0	0	0	0	40	258	0	0	298	62	1	61	0	124	644
12:15 PM	0	195	43	1	239	0	0	0	0	0	32	229	0	3	264	44	1	61	0	106	609
12:30 PM	0	227	39	4	270	0	0	0	0	0	32	227	0	1	260	48	0	62	0	110	640
12:45 PM	0	180	27	2	209	0	0	0	0	0	40	232	0	0	272	51	0	81	0	132	613
Total	0	795	137	8	940	0	0	0	0	0	144	946	0	4	1094	205	2	265	0	472	2506

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Start Time	White Bear Avenue From North					TH 36 S Ramp From East					White Bear Avenue From South					TH 36 S Ramp From West					Int. Total
	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	
01:00 PM	0	189	25	3	217	0	0	0	0	0	32	230	0	1	263	38	1	58	0	97	577
01:15 PM	0	182	35	0	217	0	0	0	0	0	40	251	0	2	293	49	2	55	0	106	616
*** BREAK ***																					
Total	0	371	60	3	434	0	0	0	0	0	72	481	0	3	556	87	3	113	0	203	1193
*** BREAK ***																					
02:30 PM	0	214	42	1	257	0	0	0	0	0	48	223	0	1	272	59	0	70	0	129	658
02:45 PM	0	193	32	1	226	0	0	0	0	0	37	250	0	0	287	61	0	72	0	133	646
Total	0	407	74	2	483	0	0	0	0	0	85	473	0	1	559	120	0	142	0	262	1304
03:00 PM	0	226	24	3	253	0	0	0	0	0	46	238	0	0	284	64	0	52	0	116	653
03:15 PM	0	218	39	3	260	0	0	0	0	0	36	232	0	0	268	63	0	84	0	147	675
03:30 PM	0	222	37	2	261	0	0	0	0	0	46	255	0	1	302	75	2	81	0	158	721
03:45 PM	0	226	42	2	270	0	0	0	0	0	30	273	0	2	305	92	0	78	0	170	745
Total	0	892	142	10	1044	0	0	0	0	0	158	998	0	3	1159	294	2	295	0	591	2794
04:00 PM	0	199	30	3	232	0	0	0	0	0	52	279	0	2	333	84	0	67	2	153	718
04:15 PM	0	219	35	1	255	0	0	0	0	0	43	276	0	1	320	84	0	87	0	171	746
04:30 PM	0	220	42	1	263	0	0	0	0	0	39	297	0	1	337	77	0	87	0	164	764
04:45 PM	0	237	37	0	274	0	0	0	0	0	46	256	0	0	302	88	0	79	0	167	743
Total	0	875	144	5	1024	0	0	0	0	0	180	1108	0	4	1292	333	0	320	2	655	2971
05:00 PM	0	218	39	1	258	0	0	0	0	0	50	271	0	0	321	88	0	51	0	139	718
05:15 PM	0	212	36	0	248	0	0	0	0	0	44	240	0	1	285	95	0	109	0	204	737
05:30 PM	0	228	28	0	256	0	0	0	0	0	35	272	0	1	308	73	0	75	0	148	712
05:45 PM	0	206	37	0	243	0	0	0	0	0	33	238	0	0	271	65	1	94	0	160	674
Total	0	864	140	1	1005	0	0	0	0	0	162	1021	0	2	1185	321	1	329	0	651	2841
Grand Total	0	6560	1055	46	7661	0	0	0	0	0	1249	8676	0	38	9963	2206	9	2187	2	4404	22028
Apprch %	0	85.6	13.8	0.6		0	0	0	0	0	12.5	87.1	0	0.4		50.1	0.2	49.7	0		
Total %	0	29.8	4.8	0.2	34.8	0	0	0	0	0	5.7	39.4	0	0.2	45.2	10	0	9.9	0	20	

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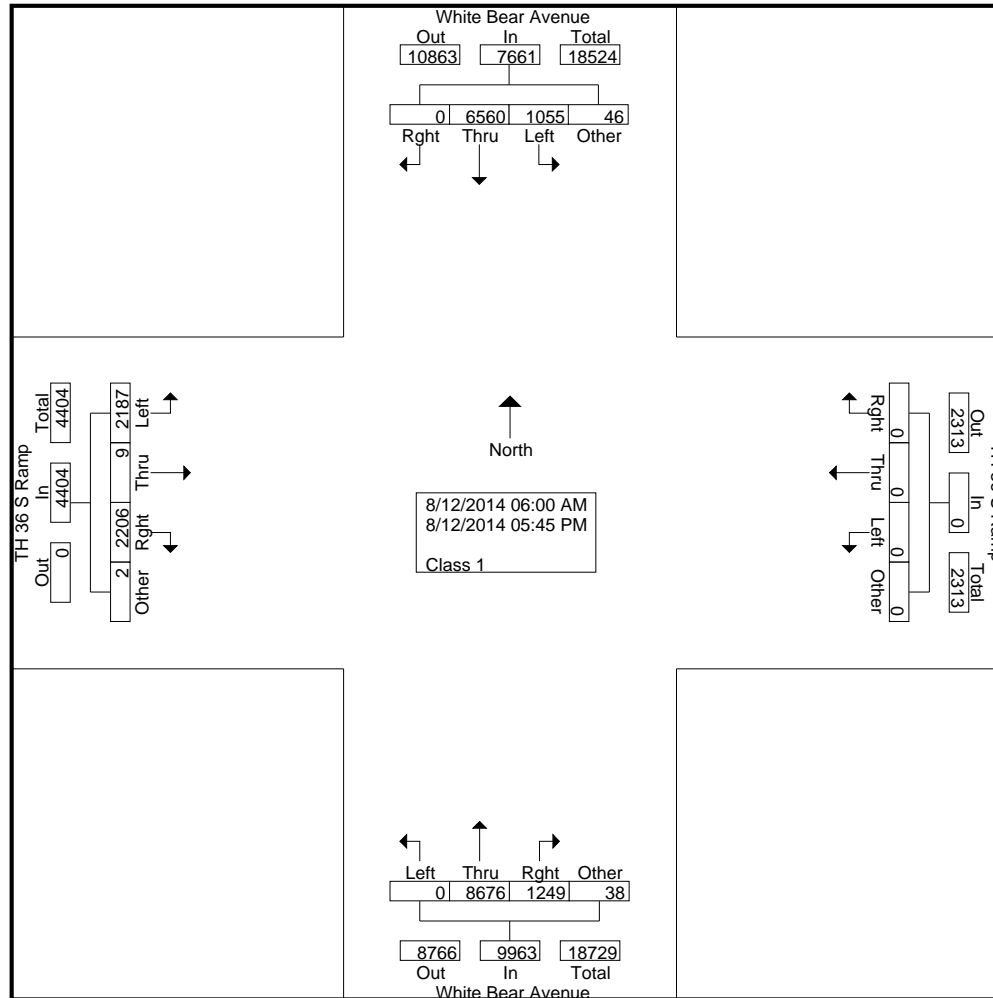
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	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	Rght	Thru	Left	Other	App. Total	
Peak Hour Analysis From 06:00 AM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 03:45 PM																					
03:45 PM	0	226	42	2	270	0	0	0	0	0	30	273	0	2	305	92	0	78	0	170	745
04:00 PM	0	199	30	3	232	0	0	0	0	0	52	279	0	2	333	84	0	67	2	153	718
04:15 PM	0	219	35	1	255	0	0	0	0	0	43	276	0	1	320	84	0	87	0	171	746
04:30 PM	0	220	42	1	263	0	0	0	0	0	39	297	0	1	337	77	0	87	0	164	764
Total Volume	0	864	149	7	1020	0	0	0	0	0	164	1125	0	6	1295	337	0	319	2	658	2973
% App. Total	0	84.7	14.6	0.7		0	0	0	0		12.7	86.9	0	0.5		51.2	0	48.5	0.3		
PHF	.000	.956	.887	.583	.944	.000	.000	.000	.000	.000	.788	.947	.000	.750	.961	.916	.000	.917	.250	.962	.973

Peak Hour Analysis From 06:00 AM to 05:45 PM - Peak 1 of 1
Peak Hour for Each Approach Begins at:

	04:15 PM					06:00 AM					03:45 PM					04:30 PM				
+0 mins.	0	219	35	1	255	0	0	0	0	0	30	273	0	2	305	77	0	87	0	164
+15 mins.	0	220	42	1	263	0	0	0	0	0	52	279	0	2	333	88	0	79	0	167
+30 mins.	0	237	37	0	274	0	0	0	0	0	43	276	0	1	320	88	0	51	0	139
+45 mins.	0	218	39	1	258	0	0	0	0	0	39	297	0	1	337	95	0	109	0	204
Total Volume	0	894	153	3	1050	0	0	0	0	0	164	1125	0	6	1295	348	0	326	0	674
% App. Total	0	85.1	14.6	0.3		0	0	0	0		12.7	86.9	0	0.5		51.6	0	48.4	0	
PHF	.000	.943	.911	.750	.958	.000	.000	.000	.000	.000	.788	.947	.000	.750	.961	.916	.000	.748	.000	.826