Count Number: 10-16009

County: Buncombe

Division: 13

Vaughn & Melton
1318-F Patton Ave.
Asheville, NC 28806
Phone: (828) 253-2796
Fax: (828) 253-4864

Intersection: SR 3116 (Mills Gap Rd.) at SR 3121 (Pinners Cove Rd.)

Count Time Periods and Weather Conditions

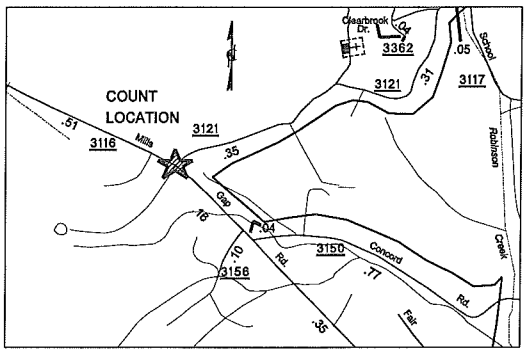
Day 1- 9/9/10, 12:45 p.m. to 7:00 p.m.
Partly Cloudy, Hi - 82, Lo - 61
Day 2- 9/10/10, 6:00 a.m. to 12:45 p.m.
Cloudy, Hi - 83, Lo - 63

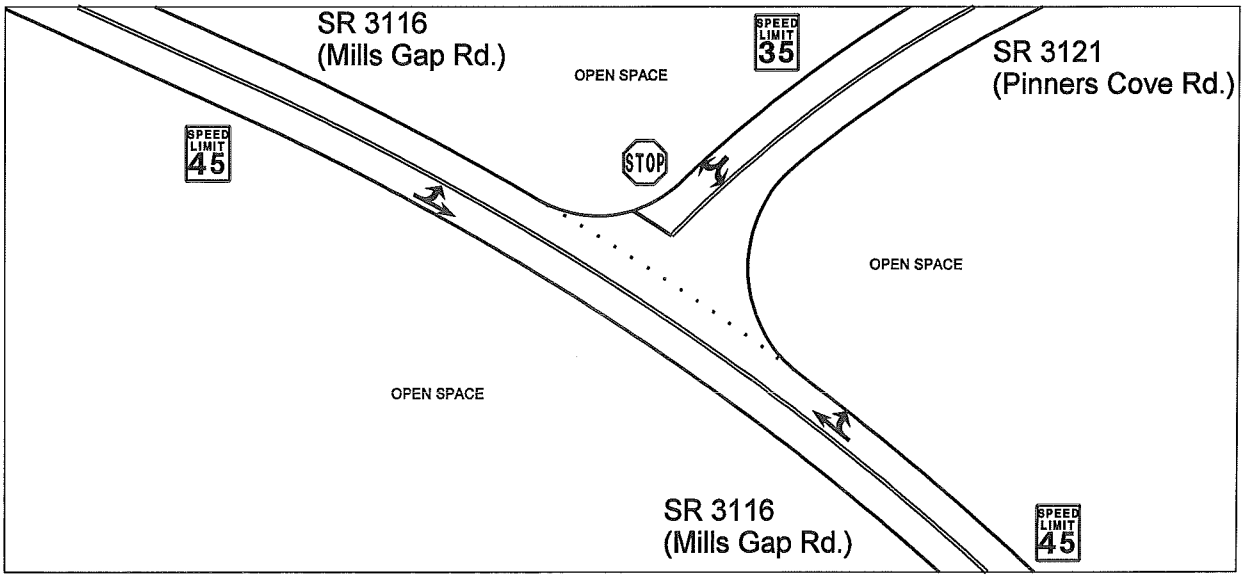
12-hr Count Volume = 9987

Comments:

1. School was in session.
2. Pedestrian movements are tabulated under the approach that they cross.
3. There are no traffic signals at the intersection.
4. Counted by Jack Arledge.
5. Data Processor: Aaron C. Carver, PE
6. Scheduled Break: 9:00 a.m. to 10:00 a.m.
7. Break Times:
   September 9, 2010
   Interpolated values are from 6:45 p.m. to 7:00 p.m.
   September 10, 20103 3
   Interpolated values are from 12:30 p.m. to 12:45 p.m.
8. Equipment used: DB-400 Intersection Counter and PetraPro Version 1.6.0

VICINITY MAP
Scale: 1in. = 1800 ft.





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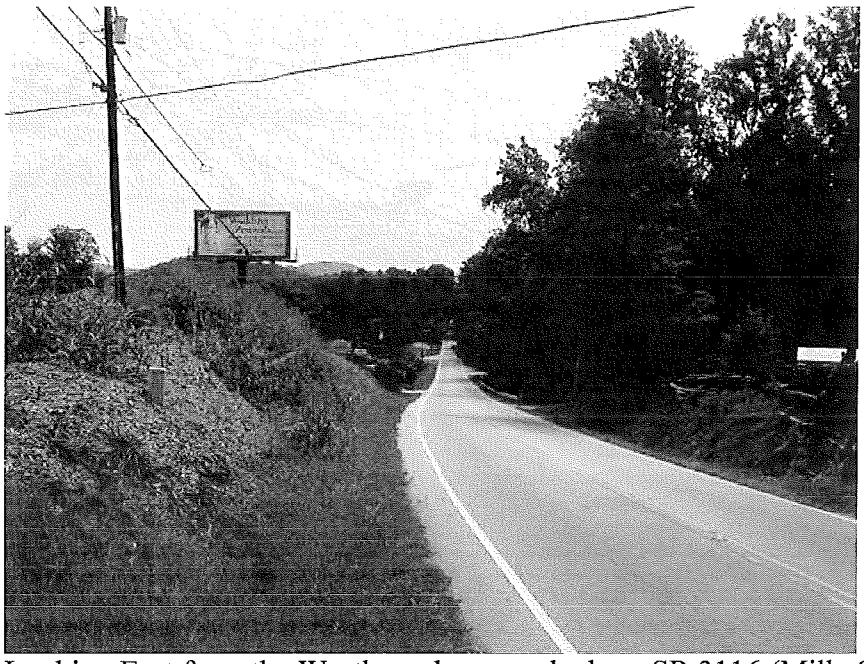
Intersection: SR 3116 (Mills Gap Rd.) at SR 3121 (Pinners Cove Rd.)

Looking West from the Westbound approach along SR 3116 (Mills Gap Rd.)



Looking East from the Westbound approach along SR 3116 (Mills Gap Rd.)

Count Number: 10-16009

County: Buncombe

Division: 13

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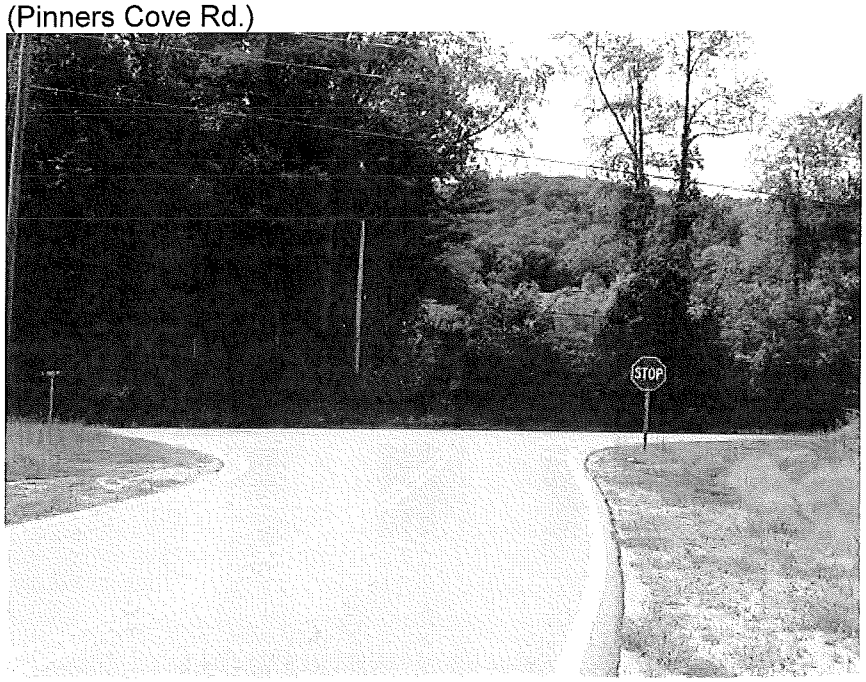
Intersection: SR 3116 (Mills Gap Rd.) at SR 3121 (Pinners Cove Rd.)



Looking South from the Southbound approach along SR 3121 (Pinners Cove Rd.)

Looking North from the Southbound approach along along SR 3121 (Pinners Cove Rd.)

Count Number: 10-16009

County: Buncombe

Division: 13

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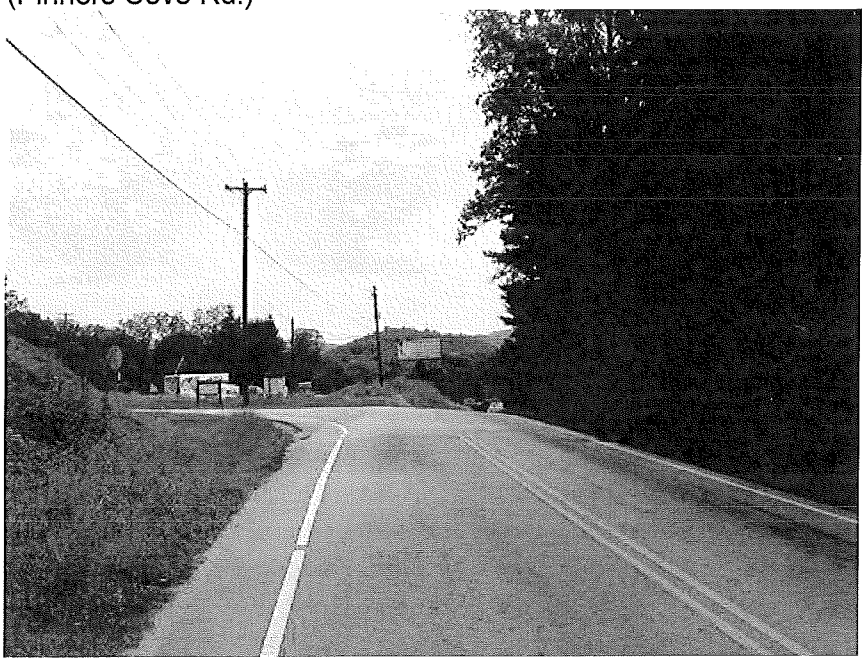
Intersection: SR 3116 (Mills Gap Rd.) at SR 3121 (Pinners Cove Rd.)



Looking East from the Eastbound approach along SR 3116 (Mills Gap Rd.)

Looking West from the Eastbound approach along SR 3116 (Mills Gap Rd.)

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File Name : 10-16009
Site Code : 10-16009
Start Date : 9/9/2010
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Groups Printed- Vehicles

	SR 3121 (Pinners Cove Rd.) Southbound				SR 3116 (Mills Gap Rd.) Westbound				Northbound				SR 3116 (Mills Gap Rd.) Eastbound						
Start Time	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Exclu. Total	Inclu. Total	Int. Total
06:00 AM	2	0	6	0	0	37	5	0	0	0	0	0	0	10	0	0	0	60	60
06:15 AM	0	0	8	0	0	66	1	0	0	0	0	0	1	16	0	0	0	92	92
06:30 AM	1	0	13	0	0	80	2	2	0	0	0	0	0	19	0	0	2	115	117
06:45 AM	3	0	17	0	0	109	0	0	0	0	0	0	3	22	0	0	0	154	154
Total	6	0	44	0	0	292	8	2	0	0	0	0	4	67	0	0	2	421	423
07:00 AM	1	0	21	0	0	110	1	0	0	0	0	0	1	28	0	0	0	162	162
07:15 AM	6	0	24	0	0	198	3	0	0	0	0	0	7	43	0	0	0	281	281
07:30 AM	14	0	26	1	0	179	5	1	0	0	0	0	4	29	0	0	2	257	259
07:45 AM	9	0	17	0	0	106	6	2	0	0	0	0	6	65	0	3	5	209	214
Total	30	0	88	1	0	593	15	3	0	0	0	0	18	165	0	3	7	909	916
08:00 AM	1	0	29	0	0	112	3	1	0	0	0	0	9	55	0	2	3	209	212
08:15 AM	1	0	20	0	0	142	0	4	0	0	0	0	8	30	0	0	4	201	205
08:30 AM	0	0	12	0	0	113	1	3	0	0	0	0	7	34	0	7	10	167	177
08:45 AM	0	0	15	0	0	112	1	2	0	0	0	0	9	49	0	2	4	186	190
Total	2	0	76	0	0	479	5	10	0	0	0	0	33	168	0	11	21	763	784
*** SCHEDULED BREAK ***																			
10:00 AM	1	0	8	1	0	80	2	1	0	0	0	0	14	56	0	3	5	161	166
10:15 AM	1	0	14	0	0	101	3	2	0	0	0	0	16	50	0	2	4	185	189
10:30 AM	1	0	12	1	0	87	1	1	0	0	0	0	5	43	0	2	4	149	153
10:45 AM	0	0	9	1	0	92	2	4	0	0	0	0	14	59	0	2	7	176	183
Total	3	0	43	3	0	360	8	8	0	0	0	0	49	208	0	9	20	671	691
11:00 AM	2	0	10	0	0	83	1	2	0	0	0	0	7	55	0	2	4	158	162
11:15 AM	1	0	26	0	0	90	3	1	0	0	0	0	10	69	0	1	2	199	201
11:30 AM	1	0	12	0	0	61	0	2	0	0	0	0	5	82	0	2	4	161	165
11:45 AM	2	0	17	0	0	80	0	2	0	0	0	0	20	69	0	2	4	188	192
Total	6	0	65	0	0	314	4	7	0	0	0	0	42	275	0	7	14	706	720
12:00 PM	4	0	11	1	0	101	1	4	0	0	0	0	11	81	0	1	6	209	215
12:15 PM	2	0	15	0	0	72	1	1	0	0	0	0	17	91	0	2	3	198	201
12:30 PM	3	0	16	0	0	77	1	1	0	0	0	0	13	85	0	2	3	195	198
12:45 PM	4	0	17	0	0	82	0	2	0	0	0	0	10	79	0	2	4	192	196
Total	13	0	59	1	0	332	3	8	0	0	0	0	51	336	0	7	16	794	810
01:00 PM	1	0	13	0	0	77	4	1	0	0	0	0	15	90	0	2	3	200	203
01:15 PM	3	0	10	0	0	65	3	2	0	0	0	0	9	76	0	2	4	166	170
01:30 PM	2	0	11	0	0	65	3	2	0	0	0	0	11	79	0	2	4	171	175
01:45 PM	5	0	8	0	0	64	7	0	0	0	0	0	10	79	0	1	1	173	174
Total	11	0	42	0	0	271	17	5	0	0	0	0	45	324	0	7	12	710	722
02:00 PM	4	0	14	0	0	71	3	3	0	0	0	0	19	97	0	2	5	208	213
02:15 PM	7	0	10	2	0	67	2	0	0	0	0	0	11	100	0	0	2	197	199
02:30 PM	1	0	10	0	0	78	6	1	0	0	0	0	12	88	0	4	5	195	200
02:45 PM	5	0	12	0	0	83	5	0	0	0	0	0	18	85	0	4	4	208	212
Total	17	0	46	2	0	299	16	4	0	0	0	0	60	370	0	10	16	808	824
03:00 PM	0	0	12	0	0	60	3	1	0	0	0	0	20	93	0	2	3	188	191
03:15 PM	4	0	11	0	0	92	4	3	0	0	0	0	11	102	0	1	4	224	228
03:30 PM	3	0	12	0	0	84	3	2	0	0	0	0	13	112	0	1	3	227	230
03:45 PM	4	0	17	0	0	84	2	3	0	0	0	0	16	114	0	1	4	237	241
Total	11	0	52	0	0	320	12	9	0	0	0	0	60	421	0	5	14	876	890

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Site Code : 10-16009
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Groups Printed- Vehicles

	SR 3121 (Pinners Cove Rd.) Southbound				SR 3116 (Mills Gap Rd.) Westbound				Northbound				SR 3116 (Mills Gap Rd.) Eastbound						
Start Time	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Left	Thru	Right	Trks	Exclu. Total	Inclu. Total	Int. Total
04:00 PM	1	0	12	0	0	79	2	0	0	0	0	0	24	121	0	1	1	239	240
04:15 PM	1	0	15	0	0	90	3	3	0	0	0	0	19	143	0	3	6	271	277
04:30 PM	1	0	13	2	0	84	3	0	0	0	0	0	23	137	0	5	7	261	268
04:45 PM	3	0	12	0	0	89	5	1	0	0	0	0	25	151	0	4	5	285	290
Total	6	0	52	2	0	342	13	4	0	0	0	0	91	552	0	13	19	1056	1075
05:00 PM	6	0	19	2	0	87	3	0	0	0	0	0	23	147	0	0	2	285	287
05:15 PM	3	0	14	0	0	102	2	1	0	0	0	0	22	146	0	0	1	289	290
05:30 PM	5	0	16	1	0	113	4	1	0	0	0	0	35	144	0	2	4	317	321
05:45 PM	8	0	20	0	0	96	2	1	0	0	0	0	32	168	0	1	2	326	328
Total	22	0	69	3	0	398	11	3	0	0	0	0	112	605	0	3	9	1217	1226
06:00 PM	4	0	17	0	0	103	3	0	0	0	0	0	20	162	0	0	0	309	309
06:15 PM	5	0	14	0	0	82	1	3	0	0	0	0	20	147	0	1	4	269	273
06:30 PM	7	0	9	0	0	85	3	2	0	0	0	0	17	118	0	2	4	239	243
06:45 PM	7	0	9	0	0	85	3	2	0	0	0	0	17	118	0	2	4	239	243
Total	23	0	49	0	0	355	10	7	0	0	0	0	74	545	0	5	12	1056	1068
Grand Total	150	0	685	12	0	4355	122	70	0	0	0	0	639	4036	0	80	162	9987	10149
Apprch %	18	0	82		0	97.3	2.7		0	0	0		13.7	86.3	0				
Total %	1.5	0	6.9		0	43.6	1.2		0	0	0		6.4	40.4	0		1.6	98.4	

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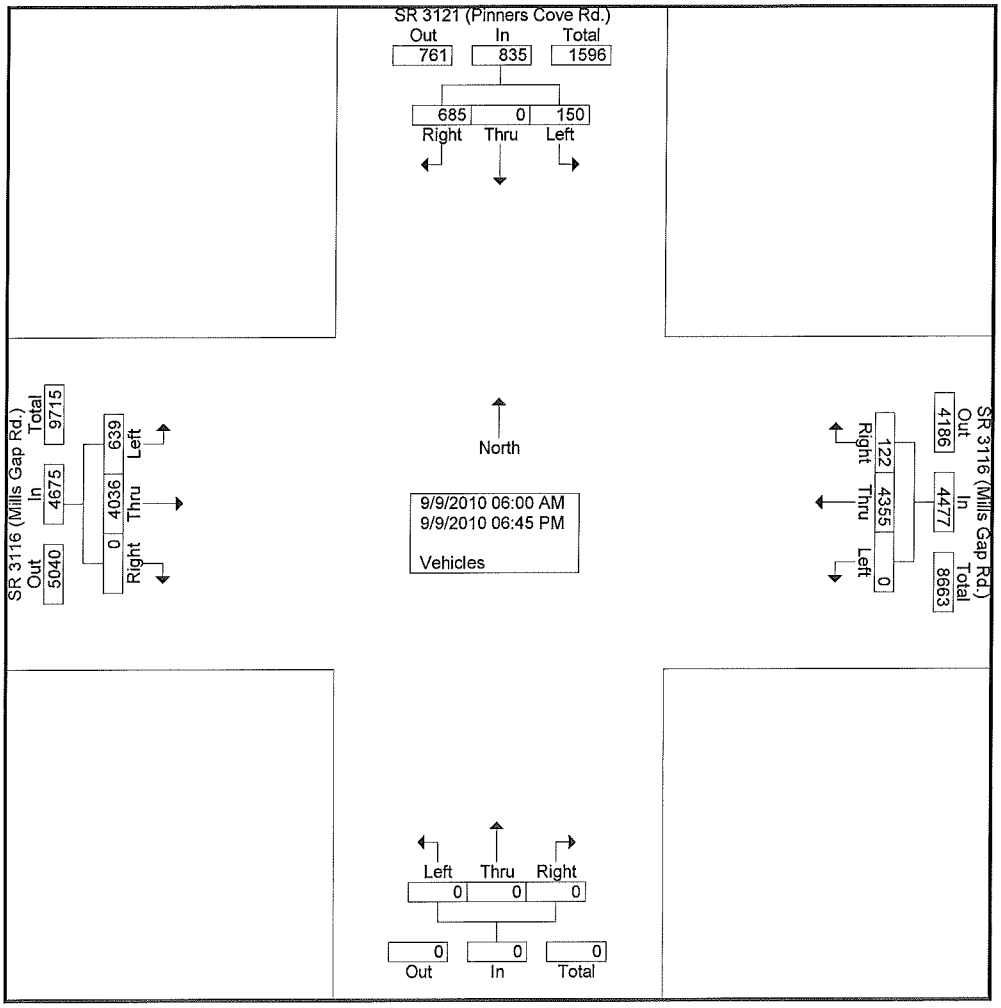

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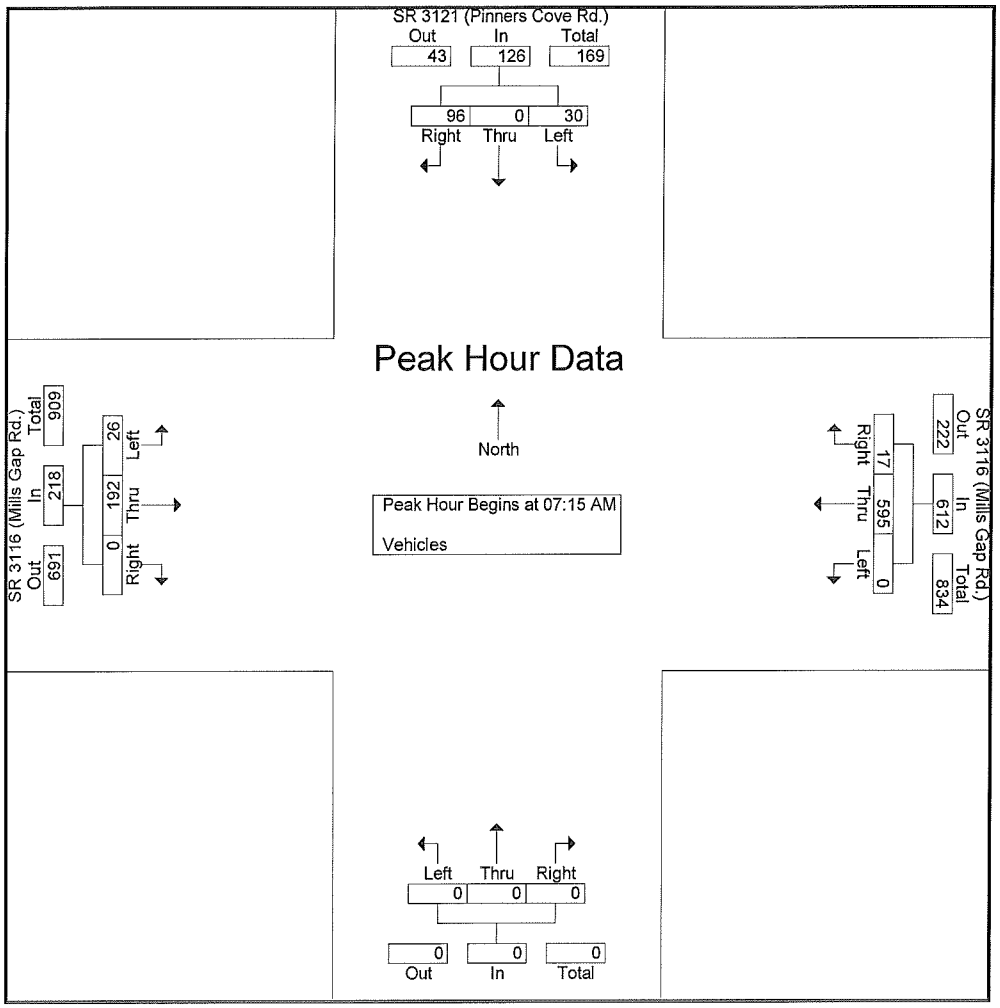
	SR 3121 (Pinners Cove Rd.) Southbound				SR 3116 (Mills Gap Rd.) Westbound				Northbound				SR 3116 (Mills Gap Rd.) Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	6	0	24	30	0	**198**	3	**201**	0	0	0	0	7	43	0	50	**281**
07:30 AM	**14**	0	26	**40**	0	179	5	184	0	0	0	0	4	29	0	33	257
07:45 AM	9	0	17	26	0	106	**6**	112	0	0	0	0	6	**65**	0	**71**	209
08:00 AM	1	0	**29**	30	0	112	3	115	0	0	0	0	**9**	55	0	64	209
Total Volume	30	0	96	126	0	595	17	612	0	0	0	0	26	192	0	218	956
% App. Total	23.8	0	76.2		0	97.2	2.8		0	0	0		11.9	88.1	0		
PHF	.536	.000	.828	.788	.000	.751	.708	.761	.000	.000	.000	.000	.722	.738	.000	.768	.851



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File Name : 10-16009
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Start Date : 9/9/2010
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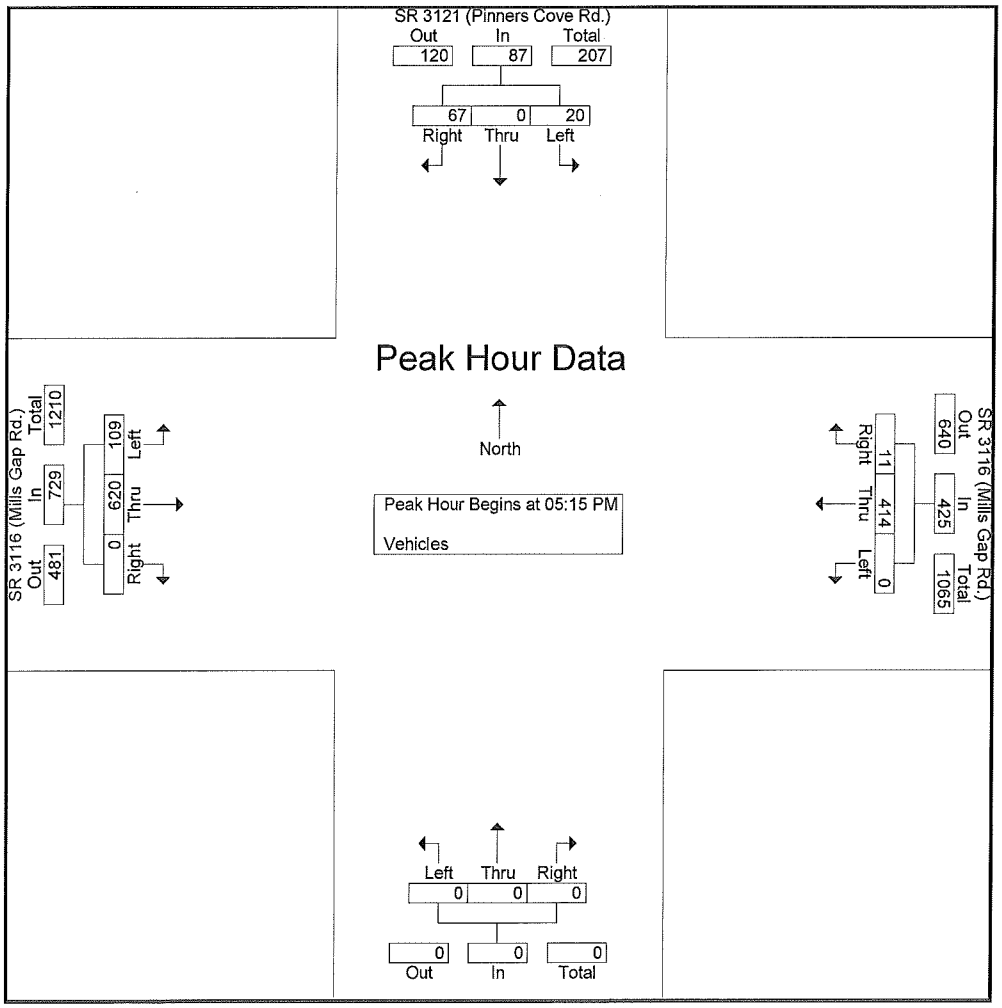
	SR 3121 (Pinners Cove Rd.) Southbound				SR 3116 (Mills Gap Rd.) Westbound				Northbound				SR 3116 (Mills Gap Rd.) Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 05:15 PM																	
05:15 PM	3	0	14	17	0	102	2	104	0	0	0	0	22	146	0	168	289
05:30 PM	5	0	16	21	0	**113**	**4**	**117**	0	0	0	0	**35**	144	0	179	317
05:45 PM	**8**	0	**20**	**28**	0	96	2	98	0	0	0	0	32	**168**	0	**200**	**326**
06:00 PM	4	0	17	21	0	103	3	106	0	0	0	0	20	162	0	182	309
Total Volume	20	0	67	87	0	414	11	425	0	0	0	0	109	620	0	729	1241
% App. Total	23	0	77		0	97.4	2.6		0	0	0		15	85	0		
PHF	.625	.000	.838	.777	.000	.916	.688	.908	.000	.000	.000	.000	.779	.923	.000	.911	.952



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Groups Printed- Pedestirans

	SR 3121 (Pinners Cove Rd.) Southbound				SR 3116 (Mills Gap Rd.) Westbound				Northbound				SR 3116 (Mills Gap Rd.) Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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File Name : 10-16009
Site Code : 10-16009
Start Date : 9/9/2010

Groups Printed- Pedestirans

	SR 3121 (Pinners Cove Rd.) Southbound				SR 3116 (Mills Gap Rd.) Westbound				Northbound				SR 3116 (Mills Gap Rd.) Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apprch %	0	0	0		0	0	0		0	0	0		0	0	0		
Total %																	