

# Appendix

## Appendix A4-1 a & b Hour count for traffic on Thursdays and Fridays

Thursdays	WEEK 1		WEEK 2	
Hour	09/14E	09/14W	09/21E	09/21/W
1:00	25	43	33	34
2:00	14	22	14	13
3:00	10	14	9	15
4:00	18	12	19	12
5:00	33	14	31	9
6:00	110	60	105	63
7:00	306	205	287	186
8:00	419	355	418	347
9:00	359	230	381	237
10:00	294	217	335	210
11:00	327	233	315	231
12:00	337	309	344	331
13:00	338	364	377	345
14:00	350	327	354	341
15:00	370	397	356	326
16:00	437	457	449	F
17:00	510	471	607	F
18:00	507	533	509	F
19:00	411	416	412	F
20:00	288	395	254	F
21:00	195	300	180	F
22:00	113	255	132	F
23:00	126	115	115	F
0:00	66	105	61	F
Daily =	5963	5849	6097	2700

Fridays	WEEK 1		WEEK 2	
Hour	09/15E	09/15W	09/22E	09/22W
1:00	32	49	42	47
2:00	15	23	21	19
3:00	13	22	13	12
4:00	15	12	21	10
5:00	32	20	33	11
6:00	115	50	116	56
7:00	298	189	291	163
8:00	394	350	430	331
9:00	403	264	396	268
10:00	333	214	355	215
11:00	349	287	356	276
12:00	369	340	382	307
13:00	405	407	361	399
14:00	477	407	424	424
15:00	438	473	442	453
16:00	534	128	483	465
17:00	595	F	627	505
18:00	597	F	585	567
19:00	597	F	489	455
20:00	418	F	329	385
21:00	234	F	223	370
22:00	148	F	151	381
23:00	113	F	108	227
0:00	94	F	90	189
Daily =	7018	3235	6768	6535

**Appendix A4-1 c & d**  
**Hour count for traffic on Saturdays and Sundays**

<b>Saturdays</b>	<b>WEEK 1</b>		<b>WEEK 2</b>	
Hour	09/16E	09/16W	09/23E	09/23W
1:00	58	90	50	85
2:00	27	38	12	37
3:00	15	24	23	33
4:00	16	25	16	26
5:00	33	12	23	15
6:00	51	35	63	26
7:00	99	111	110	91
8:00	188	157	192	90
9:00	268	188	239	138
10:00	348	248	303	192
11:00	347	255	389	234
12:00	394	305	546	331
13:00	481	379	515	423
14:00	459	389	548	485
15:00	443	442	489	535
16:00	425	547	492	587
17:00	370	566	471	539
18:00	400	488	449	440
19:00	402	430	461	487
20:00	330	344	353	476
21:00	223	311	235	452
22:00	151	337	144	334
23:00	132	169	126	243
0:00	89	154	81	191
Daily =	5749	6044	6330	6490

<b>Sundays</b>	<b>WEEK 1</b>		<b>WEEK 2</b>	
Hour	09/17E	09/17W	09/24E	09/24W
1:00	36	88	51	99
2:00	21	43	32	49
3:00	8	34	27	44
4:00	14	23	22	41
5:00	9	5	12	14
6:00	40	23	34	14
7:00	54	37	59	46
8:00	71	81	77	73
9:00	130	90	126	71
10:00	201	177	191	159
11:00	214	199	241	195
12:00	283	236	278	195
13:00	559	300	479	270
14:00	534	335	453	308
15:00	429	448	410	438
16:00	484	483	395	421
17:00	418	500	370	427
18:00	378	432	341	423
19:00	253	427	244	405
20:00	209	244	168	253
21:00	158	204	135	192
22:00	122	158	112	175
23:00	85	95	93	99
0:00	42	60	41	91
Daily =	4752	4722	4391	4502

**Appendix A4-1 e & f**  
**Hour count for traffic on Mondays and Tuesdays**

<b>Mondays</b>	<b>WEEK 1</b>		<b>WEEK 2</b>	
<b>Hour</b>	09/18E	09/18W	09/25E	09/25W
1:00	16	27	21	38
2:00	11	14	14	13
3:00	6	6	6	7
4:00	12	6	11	10
5:00	32	17	33	19
6:00	112	66	124	54
7:00	308	190	290	203
8:00	396	342	370	310
9:00	393	240	365	241
10:00	300	221	316	202
11:00	340	210	322	235
12:00	324	283	334	294
13:00	339	340	108	343
14:00	364	323	F	329
15:00	388	392	F	350
16:00	387	433	F	456
17:00	552	502	F	462
18:00	482	555	F	495
19:00	376	418	F	349
20:00	223	337	F	294
21:00	147	281	F	235
22:00	136	222	F	215
23:00	101	107	F	109
0:00	56	107	F	130
<b>Daily =</b>	<b>5801</b>	<b>5639</b>	<b>2314</b>	<b>5393</b>

<b>Tuesdays</b>	<b>WEEK 1</b>		<b>WEEK 2</b>	
<b>Hour</b>	09/19E	09/19W	09/26E	09/26W
1:00	26	60	23	38
2:00	11	20	9	15
3:00	16	10	13	14
4:00	13	7	11	7
5:00	32	13	31	14
6:00	113	54	108	54
7:00	288	189	323	203
8:00	396	351	384	347
9:00	376	231	328	233
10:00	328	276	333	203
11:00	317	208	291	240
12:00	377	316	311	278
13:00	390	319	333	290
14:00	351	352	330	317
15:00	329	394	385	383
16:00	430	477	463	445
17:00	582	485	488	521
18:00	433	536	526	526
19:00	383	410	370	385
20:00	282	359	251	334
21:00	210	336	151	306
22:00	128	203	94	207
23:00	104	151	99	129
0:00	73	108	58	118
<b>Daily =</b>	<b>5988</b>	<b>5865</b>	<b>5713</b>	<b>5607</b>

**Appendix A4-1 g**  
**Hour count for traffic Wednesdays**

Wednesdays	WEEK 1		WEEK 2	
Hour	09/20E	09/20W	09/27E	09/27W
1:00	20	50	26	37
2:00	14	14	16	20
3:00	15	8	8	9
4:00	14	14	15	14
5:00	29	12	30	14
6:00	118	65	101	59
7:00	309	182	306	193
8:00	390	344	393	341
9:00	396	254	377	264
10:00	300	199	317	181
11:00	290	220	307	115
12:00	351	283	332	202
13:00	350	318	330	311
14:00	315	360	332	308
15:00	347	366	355	394
16:00	420	446	417	468
17:00	507	476	570	537
18:00	460	504	481	489
19:00	360	426	418	426
20:00	264	332	279	375
21:00	171	310	162	335
22:00	135	245	147	270
23:00	112	145	105	153
0:00	68	111	60	113
Daily =	5755	5684	5884	5628

**Appendix A4-2 a: Daily Classification For Week 1**

<b>WEEK 1</b>	Thursday		Friday	Saturday		Sunday		Monday		Tuesday		Wednesday	
Vehicle Class	09/14 E	09/14 W	09/15 E	09/16 E	09/16 W	09/17 E	09/17 W	09/18 E	09/18 W	09/19 E	09/19 W	09/20 E	09/20 W
LV	4809	4587	5757	4919	5017	3995	3877	4686	4369	4882	4613	4698	4482
MV	841	985	897	590	881	574	721	779	962	790	954	739	911
HV	177	191	198	88	84	56	53	193	214	172	216	168	188
UN	136	86	166	152	62	127	71	143	94	144	82	150	103
Total	5963	5849	7018	5749	6044	4752	4722	5801	5639	5988	5865	5755	5684
Total Classified	5827	5763	6852	5597	5982	4625	4651	5658	5545	5844	5783	5605	5581
<b>%</b>													
LV	83%	80%	84%	88%	84%	86%	83%	83%	79%	84%	80%	84%	80%
MV	14%	17%	13%	11%	15%	12%	16%	14%	17%	14%	16%	13%	16%
HV	3%	3%	3%	2%	1%	1%	1%	3%	4%	3%	4%	3%	3%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**Appendix A4-2 b: Daily Classification For Week 2**

<b>WEEK 2</b>	Thursday	Friday		Saturday		Sunday		Monday	Tuesday		Wednesday	
Vehicle Class	09/21 E	09/22 E	09/22 W	09/23 E	09/23 W	09/24 E	09/24 W	09/25 W	09/26 E	09/26 W	09/27 E	09/27 W
LV	4859	5574	5239	5376	5339	3747	3764	4261	4629	4401	4700	4354
MV	849	870	1020	764	1022	485	646	899	783	978	804	938
HV	227	191	194	76	81	52	51	175	166	179	206	225
UN	162	133	82	114	48	107	41	58	135	49	174	111
Total	6097	6768	6535	6330	6490	4391	4502	5393	5713	5607	5884	5628
Total Classified	5935	6635	6453	6216	6442	4284	4461	5335	5578	5558	5710	5517
<b>%</b>												
LV	82%	84%	81%	86%	83%	87%	84%	80%	83%	79%	82%	79%
MV	14%	13%	16%	12%	16%	11%	14%	17%	14%	18%	14%	17%
HV	4%	3%	3%	1%	1%	1%	1%	3%	3%	3%	4%	4%
Total	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

**Appendix A4-3a: Daily Speed Distribution For Week 1**

		Speed (mile / hour)												
Day/Dir	Type	25	30	35	40	45	50	55	60	65	70	75	99	Total
09/14 E	LV	8	6	22	54	196	823	2135	1342	213	10	0	0	4809
	MV	0	1	6	16	41	150	372	208	41	5	0	1	841
	HV	1	1	2	2	15	34	68	49	5	0	0	0	177
09/14 W	LV	21	31	71	124	253	1448	2021	547	65	6	0	0	4587
	MV	7	8	13	20	62	312	439	114	11	0	0	0	986
	HV	3	0	5	5	15	59	87	15	1	1	0	0	191
09/15 E	LV	16	10	24	60	142	750	2406	1953	373	22	1	0	5757
	MV	2	6	6	12	25	118	385	279	55	5	4	0	897
	HV	2	0	0	1	8	21	85	73	8	0	0	0	198
09/16 E	LV	13	3	12	18	112	638	1932	1734	431	26	0	0	4919
	MV	2	1	3	4	13	52	242	226	44	3	0	0	590
	HV	2	0	0	0	4	8	34	32	8	0	0	0	88
09/16 W	LV	11	37	93	218	391	1510	1951	685	110	11	0	0	5017
	MV	4	14	19	33	92	248	325	125	16	4	0	1	881
	HV	3	0	2	3	7	24	32	12	1	0	0	0	84
09/17 E	LV	9	10	9	27	93	535	1746	1327	225	14	0	0	3995
	MV	2	0	7	3	12	53	262	197	31	6	0	1	574
	HV	1	1	0	1	2	4	20	22	5	0	0	0	56
09/17 W	LV	3	24	42	83	174	1012	1785	620	117	17	0	0	3877
	MV	2	4	8	15	28	191	339	111	19	4	0	0	721
	HV	1	1	0	0	1	20	19	10	1	0	0	0	53
09/18 E	LV	12	16	18	32	151	737	2022	1401	275	21	1	0	4686
	MV	5	4	6	11	31	113	332	233	42	2	0	0	779
	HV	0	1	0	1	13	33	75	53	14	3	0	0	193
09/18 W	LV	9	24	74	97	247	1154	1965	687	104	7	1	0	4369
	MV	5	8	10	25	49	252	444	143	22	3	1	0	962
	HV	5	3	3	5	17	41	90	44	6	0	0	0	214
09/19 E	LV	7	10	20	65	182	763	2126	1442	251	16	0	0	4882
	MV	2	2	4	13	24	120	330	241	51	3	0	0	790
	HV	1	1	1	3	10	31	58	53	13	1	0	0	172
09/19 W	LV	15	22	52	112	285	1351	2007	658	99	12	0	0	4613
	MV	5	8	6	16	63	253	456	124	21	2	0	0	954
	HV	6	1	0	4	13	52	108	25	5	1	0	1	216
09/20 E	LV	7	15	28	41	173	695	1975	1496	257	10	1	0	4698
	MV	1	4	1	9	23	120	324	224	31	2	0	0	739
	HV	1	2	1	0	10	24	63	51	13	2	0	1	168
09/20 W	LV	21	25	59	108	249	1256	2046	589	123	6	0	0	4482
	MV	5	7	11	18	51	273	395	128	21	2	0	0	911
	HV	5	3	4	3	11	47	83	25	7	0	0	0	188

WEEK 1

**Appendix A4-3b: Daily Speed Distribution For Week 2**

		Speed (mile / hour)													
Day/Dir	Type	25	30	35	40	45	50	55	60	65	70	75	99	Total	
WEEK 2	09/21 E	LV	4	15	19	52	109	711	2089	1544	294	22	0	0	4859
		MV	2	0	2	6	27	129	351	278	50	4	0	0	849
		HV	1	0	0	5	5	36	109	60	9	1	1	0	227
	09/22 E	LV	24	22	23	65	226	1056	2564	1374	205	15	0	0	5574
		MV	4	2	7	6	37	172	401	209	29	1	1	1	870
		HV	2	2	2	3	13	37	69	56	7	0	0	0	191
	09/22 W	LV	59	38	108	136	307	1616	2121	690	146	17	1	0	5239
		MV	16	8	18	26	62	322	418	125	23	2	0	0	1020
		HV	5	5	4	7	15	50	90	16	1	1	0	0	194
	09/23 E	LV	11	16	21	40	146	861	2444	1589	233	14	1	0	5376
		MV	1	2	8	7	13	108	350	242	27	6	0	0	764
		HV	2	0	1	1	3	7	33	24	4	1	0	0	76
	09/23 W	LV	8	38	62	136	341	1757	2333	581	69	13	1	0	5339
		MV	3	5	10	28	58	318	463	117	18	2	0	0	1022
		HV	0	2	3	3	3	24	34	7	5	0	0	0	81
	09/24 E	LV	12	5	7	12	67	432	1579	1327	275	31	0	0	3747
		MV	2	1	2	4	11	45	194	184	37	4	0	1	485
		HV	0	1	0	0	0	6	22	20	3	0	0	0	52
	09/24 W	LV	4	17	38	59	205	1023	1714	577	108	14	1	4	3764
		MV	0	2	2	8	36	159	298	118	21	2	0	0	646
		HV	2	1	0	1	1	18	22	5	1	0	0	0	51
	09/25 W	LV	39	41	99	138	316	1254	1716	561	81	14	2	0	4261
		MV	11	9	17	25	59	260	401	97	18	1	1	0	899
		HV	9	2	2	8	13	49	65	23	4	0	0	0	175
	09/26 E	LV	45	5	17	36	200	830	2004	1267	216	9	0	0	4629
		MV	5	3	5	8	39	135	338	207	42	1	0	0	783
		HV	3	1	0	3	12	34	65	36	11	1	0	0	166
09/26 W	LV	16	34	61	91	323	1359	1806	610	91	9	1	0	4401	
	MV	7	9	15	21	76	291	425	115	16	3	0	0	978	
	HV	5	1	5	7	17	47	74	19	3	1	0	0	179	
09/27 E	LV	11	13	19	46	146	695	1978	1484	288	20	0	0	4700	
	MV	1	0	4	6	26	110	372	239	37	9	0	0	804	
	HV	4	0	0	5	21	28	79	49	20	0	0	0	206	
09/27 W	LV	71	64	131	198	347	1196	1639	595	93	18	2	0	4354	
	MV	9	10	24	46	72	265	376	115	16	5	0	0	938	
	HV	33	3	10	14	18	48	78	16	4	0	0	1	225	

**Appendix A4-4 a, b: Light Vehicles Daily Speed Distribution By Direction For Week 1**

Speed (mile / hour)												
Day/Dir	25	30	35	40	45	50	55	60	65	70	75	99
09/14 E	8	6	22	54	196	823	2135	1342	213	10	0	0
09/15 E	16	10	24	60	142	750	2406	1953	373	22	1	0
09/16 E	13	3	12	18	112	638	1932	1734	431	26	0	0
09/17 E	9	10	9	27	93	535	1746	1327	225	14	0	0
09/18 E	12	16	18	32	151	737	2022	1401	275	21	1	0
09/19 E	7	10	20	65	182	763	2126	1442	251	16	0	0
09/20 E	7	15	28	41	173	695	1975	1496	257	10	1	0
09/14 E	0.2%	0.3%	0.7%	1.9%	5.9%	23.1%	67.5%	95.4%	99.8%	100.0%	100.0%	100.0%
09/15 E	0.3%	0.5%	0.9%	1.9%	4.4%	17.4%	59.2%	93.1%	99.6%	100.0%	100.0%	100.0%
09/16 E	0.3%	0.3%	0.6%	0.9%	3.2%	16.2%	55.5%	90.7%	99.5%	100.0%	100.0%	100.0%
09/17 E	0.2%	0.5%	0.7%	1.4%	3.7%	17.1%	60.8%	94.0%	99.6%	100.0%	100.0%	100.0%
09/18 E	0.3%	0.6%	1.0%	1.7%	4.9%	20.6%	63.8%	93.7%	99.5%	100.0%	100.0%	100.0%
09/19 E	0.1%	0.3%	0.8%	2.1%	5.8%	21.4%	65.0%	94.5%	99.7%	100.0%	100.0%	100.0%
09/20 E	0.1%	0.5%	1.1%	1.9%	5.6%	20.4%	62.5%	94.3%	99.8%	100.0%	100.0%	100.0%
Day/Dir	25	30	35	40	45	50	55	60	65	70	75	99
09/14 W	21	31	71	124	253	1448	2021	547	65	6	0	0
09/16 W	11	37	93	218	391	1510	1951	685	110	11	0	0
09/17 W	3	24	42	83	174	1012	1785	620	117	17	0	0
09/18 W	9	24	74	97	247	1154	1965	687	104	7	1	0
09/19 W	15	22	52	112	285	1351	2007	658	99	12	0	0
09/20 W	21	25	59	108	249	1256	2046	589	123	6	0	0
09/14 W	0.5%	1.1%	2.7%	5.4%	10.9%	42.5%	86.5%	98.5%	99.9%	100.0%	100.0%	100.0%
09/16 W	0.2%	1.0%	2.8%	7.2%	14.9%	45.0%	83.9%	97.6%	99.8%	100.0%	100.0%	100.0%
09/17 W	0.1%	0.7%	1.8%	3.9%	8.4%	34.5%	80.6%	96.5%	99.6%	100.0%	100.0%	100.0%
09/18 W	0.2%	0.8%	2.4%	4.7%	10.3%	36.7%	81.7%	97.4%	99.8%	100.0%	100.0%	100.0%
09/19 W	0.3%	0.8%	1.9%	4.4%	10.5%	39.8%	83.3%	97.6%	99.7%	100.0%	100.0%	100.0%
09/20 W	0.5%	1.0%	2.3%	4.8%	10.3%	38.3%	84.0%	97.1%	99.9%	100.0%	100.0%	100.0%



**Appendix A4-4 c, d: Light Vehicles Daily Speed Distribution By Direction For Week 2**

Day/Dir	Speed (mile / hour)											
	25	30	35	40	45	50	55	60	65	70	75	99
09/21 E	4	15	19	52	109	711	2089	1544	294	22	0	0
09/22 E	24	22	23	65	226	1056	2564	1374	205	15	0	0
09/23 E	11	16	21	40	146	861	2444	1589	233	14	1	0
09/24 E	12	5	7	12	67	432	1579	1327	275	31	0	0
09/26 E	45	5	17	36	200	830	2004	1267	216	9	0	0
09/27 E	11	13	19	46	146	695	1978	1484	288	20	0	0
09/21 E	0.1%	0.4%	0.8%	1.9%	4.1%	18.7%	61.7%	93.5%	99.5%	100.0%	100.0%	100.0%
09/22 E	0.4%	0.8%	1.2%	2.4%	6.5%	25.4%	71.4%	96.1%	99.7%	100.0%	100.0%	100.0%
09/23 E	0.2%	0.5%	0.9%	1.6%	4.4%	20.4%	65.8%	95.4%	99.7%	100.0%	100.0%	100.0%
09/24 E	0.3%	0.5%	0.6%	1.0%	2.7%	14.3%	56.4%	91.8%	99.2%	100.0%	100.0%	100.0%
09/26 E	1.0%	1.1%	1.4%	2.2%	6.5%	24.5%	67.8%	95.1%	99.8%	100.0%	100.0%	100.0%
09/27 E	0.2%	0.5%	0.9%	1.9%	5.0%	19.8%	61.9%	93.4%	99.6%	100.0%	100.0%	100.0%
<b>Day/Dir</b>	<b>25</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>45</b>	<b>50</b>	<b>55</b>	<b>60</b>	<b>65</b>	<b>70</b>	<b>75</b>	<b>99</b>
09/22 W	59	38	108	136	307	1616	2121	690	146	17	1	0
09/23 W	8	38	62	136	341	1757	2333	581	69	13	1	0
09/24 W	4	17	38	59	205	1023	1714	577	108	14	1	4
09/25 W	39	41	99	138	316	1254	1716	561	81	14	2	0
09/26 W	16	34	61	91	323	1359	1806	610	91	9	1	0
09/27 W	71	64	131	198	347	1196	1639	595	93	18	2	0
09/22 W	1.1%	1.9%	3.9%	6.5%	12.4%	43.2%	83.7%	96.9%	99.7%	100.0%	100.0%	100.0%
09/23 W	0.1%	0.9%	2.0%	4.6%	11.0%	43.9%	87.6%	98.4%	99.7%	100.0%	100.0%	100.0%
09/24 W	0.1%	0.6%	1.6%	3.1%	8.6%	35.8%	81.3%	96.6%	99.5%	99.9%	99.9%	100.0%
09/25 W	0.9%	1.9%	4.2%	7.4%	14.9%	44.3%	84.6%	97.7%	99.6%	100.0%	100.0%	100.0%
09/26 W	0.4%	1.1%	2.5%	4.6%	11.9%	42.8%	83.8%	97.7%	99.8%	100.0%	100.0%	100.0%
09/27 W	1.6%	3.1%	6.1%	10.7%	18.6%	46.1%	83.7%	97.4%	99.5%	100.0%	100.0%	100.0%

**Appendix A4-5 a, b: Medium Vehicles Daily Speed Distribution By Direction For Week 1**

Day/Dir	25	30	35	40	45	50	55	60	65	70	75	99
09/14 E	0	1	6	16	41	150	372	208	41	5	0	1
09/15 E	2	6	6	12	25	118	385	279	55	5	4	0
09/16 E	2	1	3	4	13	52	242	226	44	3	0	0
09/17 E	2	0	7	3	12	53	262	197	31	6	0	1
09/18 E	5	4	6	11	31	113	332	233	42	2	0	0
09/19 E	2	2	4	13	24	120	330	241	51	3	0	0
09/20 E	1	4	1	9	23	120	324	224	31	2	0	0
09/14 E	0.0%	0.1%	0.8%	2.7%	7.6%	25.4%	69.7%	94.4%	99.3%	99.9%	99.9%	100.0%
09/15 E	0.2%	0.9%	1.6%	2.9%	5.7%	18.8%	61.8%	92.9%	99.0%	99.6%	100.0%	100.0%
09/16 E	0.3%	0.5%	1.0%	1.7%	3.9%	12.7%	53.7%	92.0%	99.5%	100.0%	100.0%	100.0%
09/17 E	0.3%	0.3%	1.6%	2.1%	4.2%	13.4%	59.1%	93.4%	98.8%	99.8%	99.8%	100.0%
09/18 E	0.6%	1.2%	1.9%	3.3%	7.3%	21.8%	64.4%	94.4%	99.7%	100.0%	100.0%	100.0%
09/19 E	0.3%	0.5%	1.0%	2.7%	5.7%	20.9%	62.7%	93.2%	99.6%	100.0%	100.0%	100.0%
09/20 E	0.1%	0.7%	0.8%	2.0%	5.1%	21.4%	65.2%	95.5%	99.7%	100.0%	100.0%	100.0%
Day/Dir	25	30	35	40	45	50	55	60	65	70	75	99
09/14 W	7	8	13	20	62	312	439	114	11	0	0	0
09/16 W	4	14	19	33	92	248	325	125	16	4	0	1
09/17 W	2	4	8	15	28	191	339	111	19	4	0	0
09/18 W	5	8	10	25	49	252	444	143	22	3	1	0
09/19 W	5	8	6	16	63	253	456	124	21	2	0	0
09/20 W	5	7	11	18	51	273	395	128	21	2	0	0
09/14 W	0.7%	1.5%	2.8%	4.9%	11.2%	42.8%	87.3%	98.9%	100.0%	100.0%	100.0%	100.0%
09/16 W	0.5%	2.0%	4.2%	7.9%	18.4%	46.5%	83.4%	97.6%	99.4%	99.9%	99.9%	100.0%
09/17 W	0.3%	0.8%	1.9%	4.0%	7.9%	34.4%	81.4%	96.8%	99.4%	100.0%	100.0%	100.0%
09/18 W	0.5%	1.4%	2.4%	5.0%	10.1%	36.3%	82.4%	97.3%	99.6%	99.9%	100.0%	100.0%
09/19 W	0.5%	1.4%	2.0%	3.7%	10.3%	36.8%	84.6%	97.6%	99.8%	100.0%	100.0%	100.0%
09/20 W	0.5%	1.3%	2.5%	4.5%	10.1%	40.1%	83.4%	97.5%	99.8%	100.0%	100.0%	100.0%

**Appendix A4-5 c, d: Medium Vehicles Daily Speed Distribution By Direction For Week 2**

Speed (mile / hour)												
Day/Dir	25	30	35	40	45	50	55	60	65	70	75	99
09/21 E	2	0	2	6	27	129	351	278	50	4	0	0
09/22 E	4	2	7	6	37	172	401	209	29	1	1	1
09/23 E	1	2	8	7	13	108	350	242	27	6	0	0
09/24 E	2	1	2	4	11	45	194	184	37	4	0	1
09/26 E	5	3	5	8	39	135	338	207	42	1	0	0
09/27 E	1	0	4	6	26	110	372	239	37	9	0	0
09/21 E	0.2%	0.2%	0.5%	1.2%	4.4%	19.6%	60.9%	93.6%	99.5%	100.0%	100.0%	100.0%
09/22 E	0.5%	0.7%	1.5%	2.2%	6.4%	26.2%	72.3%	96.3%	99.7%	99.8%	99.9%	100.0%
09/23 E	0.1%	0.4%	1.4%	2.4%	4.1%	18.2%	64.0%	95.7%	99.2%	100.0%	100.0%	100.0%
09/24 E	0.4%	0.6%	1.0%	1.9%	4.1%	13.4%	53.4%	91.3%	99.0%	99.8%	99.8%	100.0%
09/26 E	0.6%	1.0%	1.7%	2.7%	7.7%	24.9%	68.1%	94.5%	99.9%	100.0%	100.0%	100.0%
09/27 E	0.1%	0.1%	0.6%	1.4%	4.6%	18.3%	64.6%	94.3%	98.9%	100.0%	100.0%	100.0%
Day/Dir	25	30	35	40	45	50	55	60	65	70	75	99
09/22 W	16	8	18	26	62	322	418	125	23	2	0	0
09/23 W	3	5	10	28	58	318	463	117	18	2	0	0
09/24 W	0	2	2	8	36	159	298	118	21	2	0	0
09/25 W	11	9	17	25	59	260	401	97	18	1	1	0
09/26 W	7	9	15	21	76	291	425	115	16	3	0	0
09/27 W	9	10	24	46	72	265	376	115	16	5	0	0
09/22 W	1.6%	2.4%	4.1%	6.7%	12.7%	44.3%	85.3%	97.5%	99.8%	100.0%	100.0%	100.0%
09/23 W	0.3%	0.8%	1.8%	4.5%	10.2%	41.3%	86.6%	98.0%	99.8%	100.0%	100.0%	100.0%
09/24 W	0.0%	0.3%	0.6%	1.9%	7.4%	32.0%	78.2%	96.4%	99.7%	100.0%	100.0%	100.0%
09/25 W	1.2%	2.2%	4.1%	6.9%	13.5%	42.4%	87.0%	97.8%	99.8%	99.9%	100.0%	100.0%
09/26 W	0.7%	1.6%	3.2%	5.3%	13.1%	42.8%	86.3%	98.1%	99.7%	100.0%	100.0%	100.0%
09/27 W	1.0%	2.0%	4.6%	9.5%	17.2%	45.4%	85.5%	97.8%	99.5%	100.0%	100.0%	100.0%

**Appendix A4-6 a, b: Heavy Vehicles Daily Speed Distribution By Direction For Week 1**

Speed (mile / hour)												
Day/Dir	25	30	35	40	45	50	55	60	65	70	75	99
09/14 E	1	1	2	2	15	34	68	49	5	0	0	0
09/15 E	2	0	0	1	8	21	85	73	8	0	0	0
09/16 E	2	0	0	0	4	8	34	32	8	0	0	0
09/17 E	1	1	0	1	2	4	20	22	5	0	0	0
09/18 E	0	1	0	1	13	33	75	53	14	3	0	0
09/19 E	1	1	1	3	10	31	58	53	13	1	0	0
09/20 E	1	2	1	0	10	24	63	51	13	2	0	1
09/14 E	0.6%	1.1%	2.3%	3.4%	11.9%	31.1%	69.5%	97.2%	100.0%	100.0%	100.0%	100.0%
09/15 E	1.0%	1.0%	1.0%	1.5%	5.6%	16.2%	59.1%	96.0%	100.0%	100.0%	100.0%	100.0%
09/16 E	2.3%	2.3%	2.3%	2.3%	6.8%	15.9%	54.5%	90.9%	100.0%	100.0%	100.0%	100.0%
09/17 E	1.8%	3.6%	3.6%	5.4%	8.9%	16.1%	51.8%	91.1%	100.0%	100.0%	100.0%	100.0%
09/18 E	0.0%	0.5%	0.5%	1.0%	7.8%	24.9%	63.7%	91.2%	98.4%	100.0%	100.0%	100.0%
09/19 E	0.6%	1.2%	1.7%	3.5%	9.3%	27.3%	61.0%	91.9%	99.4%	100.0%	100.0%	100.0%
09/20 E	0.6%	1.8%	2.4%	2.4%	8.3%	22.6%	60.1%	90.5%	98.2%	99.4%	99.4%	100.0%
Day/Dir	25	30	35	40	45	50	55	60	65	70	75	99
09/14 W	3	0	5	5	15	59	87	15	1	1	0	0
09/16 W	3	0	2	3	7	24	32	12	1	0	0	0
09/17 W	1	1	0	0	1	20	19	10	1	0	0	0
09/18 W	5	3	3	5	17	41	90	44	6	0	0	0
09/19 W	6	1	0	4	13	52	108	25	5	1	0	1
09/20 W	5	3	4	3	11	47	83	25	7	0	0	0
09/14 W	1.6%	1.6%	4.2%	6.8%	14.7%	45.5%	91.1%	99.0%	99.5%	100.0%	100.0%	100.0%
09/16 W	3.6%	3.6%	6.0%	9.5%	17.9%	46.4%	84.5%	98.8%	100.0%	100.0%	100.0%	100.0%
09/17 W	1.9%	3.8%	3.8%	3.8%	5.7%	43.4%	79.2%	98.1%	100.0%	100.0%	100.0%	100.0%
09/18 W	2.3%	3.7%	5.1%	7.5%	15.4%	34.6%	76.6%	97.2%	100.0%	100.0%	100.0%	100.0%
09/19 W	2.8%	3.2%	3.2%	5.1%	11.1%	35.2%	85.2%	96.8%	99.1%	99.5%	99.5%	100.0%
09/20 W	2.7%	4.3%	6.4%	8.0%	13.8%	38.8%	83.0%	96.3%	100.0%	100.0%	100.0%	100.0%

**Appendix A4-6 c, d: Heavy Vehicles Daily Speed Distribution By Direction For Week 2**

Day/Dir	Speed (mile / hour)											
	25	30	35	40	45	50	55	60	65	70	75	99
09/21 E	1	0	0	5	5	36	109	60	9	1	1	0
09/22 E	2	2	2	3	13	37	69	56	7	0	0	0
09/23 E	2	0	1	1	3	7	33	24	4	1	0	0
09/24 E	0	1	0	0	0	6	22	20	3	0	0	0
09/26 E	3	1	0	3	12	34	65	36	11	1	0	0
09/27 E	4	0	0	5	21	28	79	49	20	0	0	0
09/21 E	0.4%	0.4%	0.4%	2.6%	4.8%	20.7%	68.7%	95.2%	99.1%	99.6%	100.0%	100.0%
09/22 E	1.0%	2.1%	3.1%	4.7%	11.5%	30.9%	67.0%	96.3%	100.0%	100.0%	100.0%	100.0%
09/23 E	2.6%	2.6%	3.9%	5.3%	9.2%	18.4%	61.8%	93.4%	98.7%	100.0%	100.0%	100.0%
09/24 E	0.0%	1.9%	1.9%	1.9%	1.9%	13.5%	55.8%	94.2%	100.0%	100.0%	100.0%	100.0%
09/26 E	1.8%	2.4%	2.4%	4.2%	11.4%	31.9%	71.1%	92.8%	99.4%	100.0%	100.0%	100.0%
09/27 E	1.9%	1.9%	1.9%	4.4%	14.6%	28.2%	66.5%	90.3%	100.0%	100.0%	100.0%	100.0%
<b>Day/Dir</b>	<b>25</b>	<b>30</b>	<b>35</b>	<b>40</b>	<b>45</b>	<b>50</b>	<b>55</b>	<b>60</b>	<b>65</b>	<b>70</b>	<b>75</b>	<b>99</b>
09/22 W	5	5	4	7	15	50	90	16	1	1	0	0
09/23 W	0	2	3	3	3	24	34	7	5	0	0	0
09/24 W	2	1	0	1	1	18	22	5	1	0	0	0
09/25 W	9	2	2	8	13	49	65	23	4	0	0	0
09/26 W	5	1	5	7	17	47	74	19	3	1	0	0
09/27 W	33	3	10	14	18	48	78	16	4	0	0	1
09/22 W	2.6%	5.2%	7.2%	10.8%	18.6%	44.3%	90.7%	99.0%	99.5%	100.0%	100.0%	100.0%
09/23 W	0.0%	2.5%	6.2%	9.9%	13.6%	43.2%	85.2%	93.8%	100.0%	100.0%	100.0%	100.0%
09/24 W	3.9%	5.9%	5.9%	7.8%	9.8%	45.1%	88.2%	98.0%	100.0%	100.0%	100.0%	100.0%
09/25 W	5.1%	6.3%	7.4%	12.0%	19.4%	47.4%	84.6%	97.7%	100.0%	100.0%	100.0%	100.0%
09/26 W	2.8%	3.4%	6.1%	10.1%	19.6%	45.8%	87.2%	97.8%	99.4%	100.0%	100.0%	100.0%
09/27 W	14.7%	16.0%	20.4%	26.7%	34.7%	56.0%	90.7%	97.8%	99.6%	99.6%	99.6%	100.0%

### Appendix A4-7: List Of Accidents Occurred On Entire Route 114 (1994-2000)

Accident code: 3

Head on collisions

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No.of Vehicles
1	1941519	7/5/00	Centerville circle (R)	Chris	Daylight	0	2	3
2	1442161	5/13/00	Rolling Hills Dr.		Darkness	1	9	2
3	1030464	3/29/00	Nolen Dr.	Chris	Daylight	1	1	2
4	991251424	4/3/99	West/Vicker Switch Rd.	Chris	Darkness	0	3	3
5	973181392	10/31/97	East/Vicker Switch Rd	Chris	Darkness	3	1	2
6	973022263	10/24/97	East/Vicker	Chris	Rain	1	1	2
7	970360502	1/23/97	60-00760(R)	Chris	Darkness	1	1	2
8	953051545	10/21/95	Centerville Circle	Chris	Darkness	3	4	3
9	943412168	12/4/94	East/Vicker	Chris	Rain	1	1	2
10	943481821	11/26/94	Rolling Hills Dr.	Chris	Cloudy	1	3	2
11	941680608	06/10/94	Centerville circle (R)	Chris	Mist	0	3	2
<b>Sub-total</b>						12	29	25

Accident code: 2

Collisions at Angle

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No.of Vehicles
1	2340729	08/11/00	Montgomery County/Pulaski Line	Chris	Daylight	0	1	2
2	1171382	04/17/00	60-00685		Daylight	0	0	2
3	993410455	11/12/99	Coal hollow Rd		Daylight	0	0	2
4	992580018	09/03/99	60-00685		Darkness	0	0	2
5	992002705	07/12/99	Centerville circle (R)	Chris	Daylight	0	0	2
6	991951384	07/04/99	60-00685		Daylight	0	0	2
7	991741005	6/14/99	West/Vicker Switch rd.	Chris	Daylight	0	0	2
8	991040342	04/07/99	60-00685		Daylight	0	2	2
9	983160379	11/01/98	Onyx Dr.	Chris	Darkness	0	2	2
10	980370082	01/27/98	Centerville Circle	Chris	Daylight	0	2	2
11	980370094	1/27/98	West/Vicker Switch rd.	Chris	Daylight	0	0	2
12	972531639	8/25/97	Ro-No	Chris	Clear	0	2	2
13	971500559	05/15/97	60-00685	Chris	Daylight	0	2	2
14	961500366	5/20/96	Nolen	Chris	Cloudy	0	0	2
15	953000447	10/12/95	Jade Dr.	Chris	Daylight	0	3	2
16	952630492	9/8/95	West/Vicker	Rad	Clear	0	1	2
17	943412104	11/23/94	60-00685	Chris	Clear	0	3	3
18	942800364	09/27/94	Rolling Hills Dr.	Chris	Clear	0	0	2
19	942800364	9/27/94	Rolling Hills Dr.	Chris	Clear	0	0	2
20	942520150	08/28/94	60-00685	Chris	Clear	0	3	3
21	941262168	05/07/94	60-00685	Radford	Mist	0	2	2
22	940450500	02/01/94	60-00685	Chris	Clear	0	3	2
23	940330267	01/24/94	Onyx Dr.	Chris	Fog	0	3	2
24	940211997	01/17/94	West/Vicker Switch rd.	Chris	Sleeting	0	0	3
25	940211997	1/17/94	West/Vicker	Chris	Sleeting	0	2	2

26	940211715	01/15/94	West/Vicker Switch rd.	Chris	Clear	0	2	2	
27	940211715	1/15/94	West/Vicker	Chris	Clear	0	2	3	
						Sub-total	0	35	58

Accident code: 4 Side Swipe (Same Dir)

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No. Of Vehicles	
1	973302003	11/19/97	Centerville circle (R)	Chris	Daylight	0	0	2	
2	971922108	7/1/97	Dominion	Rad	Cloudy	0		2	
3	962480817	8/12/96	Coal Hollow Rd.	Chris	Rain	0		2	
						Sub-total	0	0	6

Accident code: 5 Side Swipe (Opp Dir)

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No. of Vehicles	
1	1780912	6/16/00	Centerville circle (R)	Chris	Darkness	0	1	3	
2	962761030	9/20/96	Centerville circle (R)	Chris	Darkness	0	0	2	
						Sub-total	0	1	5

Accident code: 1 Rear End Collisions

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No. of Vehicles
1	2570517	9/2/00	60-00685(L)	Chris	Daylight	0	1	2
2	2570515	9/2/00	60-00685(L)	Chris	Daylight	0	2	4
3	2341798	7/31/00	60-00685(L)	Chris	Daylight	0	0	2
4	2152229	7/22/00	Nolen Dr.	Chris	Daylight	0	1	2
5	2010391	7/9/00	Nolen Dr.	Chris	Daylight	0	6	2
6	1930083	6/24/00	Dominion Dr		Daylight	0	1	3
7	1662152	6/8/00	West Vicker Switch rd.	Chris	Daylight	0	2	2
8	1570708	5/14/00	ONYX Dr.	Chris	Daylight	0	1	2
9	1382133	5/13/00	Coal Hollow Rd.		Daylight	0	3	2
10	1442157	5/13/00	Rolling Hills Dr.	Chris	Darkness	0	1	2
11	1291488	5/1/00	Centerville circle	Chris	Daylight	0	0	2
12	1291124	4/29/00	Rolling Hills Dr.		Daylight	0	0	2
13	1291491	4/28/00	60-00685(L)		Darkness	0	0	2
14	1100006	4/6/00	East/Vicker Switch Rd.		Daylight	0	2	2
15	1010048	3/24/00	60-00685(L)	Chris	Daylight	0	1	2
16	821926	3/8/00	Centerville circle(R)	Chris	Daylight	0	0	2
17	680146	2/24/00	Montgomery County/Pulaski Line	Chris	Daylight	0	0	3
18	680151	2/22/00	Rolling Hills Dr.	Chris	Daylight	0	0	2
19	680156	2/21/00	Centerville circle(R)	Chris	Darkness	0	0	3
20	610945	2/20/00	Rolling Hills Dr.		Daylight	0	0	2
21	610941	2/18/00	Centerville circle(R)	Chris	Daylight	0	2	2
22	610946	2/17/00	Rolling Hills Dr.	Chris	Daylight	0	3	3
23	562154	2/15/00	West Vicker Switch rd.	Chris	Daylight	0	1	2
24	561579	2/9/00	West Vicker Switch rd.	Chris	Daylight	0	2	2
25	122419	1/7/00	Centerville circle(R)	Chris	Dawn	0	0	2
26	460516	1/4/00	ONYX Dr.	Chris	Daylight	0	3	2
27	992861650	9/25/99	60-00760		Daylight	0	0	2
28	992851104	9/24/99	Montgomery County/Pulaski Line	Chris	Darkness	0	0	2

29	992560509	8/31/99	Centerville circle(R)	Chris	Daylight	0	0	3
30	992580302	8/13/99	Jade Dr.	Chris	Daylight	0	0	2
31	992351363	8/12/99	Centerville circle(R)	Chris	Daylight	0	0	2
32	991810780	6/20/99	West Vicker Switch rd.	Chris	Daylight	0	2	2
33	991741006	6/19/99	60-00760	Chris	Daylight	0	1	3
34	991531127	5/27/99	60-00685(L)	Chris	Daylight	0	0	2
35	991182052	4/24/99	Centerville circle(R)		Daylight	0	0	5
36	991180306	4/13/99	ONYX Dr.	Chris	Daylight	0	1	2
37	991022780	4/3/99	East/Vicker Switch Rd.		Daylight	0	1	3
38	990832338	3/18/99	60-00685(L)	Chris	Daylight	0	0	2
39	990390690	1/30/99	Dominion Dr	Chris	Daylight	0	0	2
40	983271112	11/10/98	60-09548(R)/East	Chris	Darkness	0	0	2
41	983011292	10/23/98	Centerville circle(R)	Chris	Daylight	0	1	2
42	982920810	10/10/98	Dominion Dr		Daylight	0	0	2
43	981680090	6/13/98	60-00685(L)	Chris	Daylight	0	0	2
44	980980688	3/31/98	Nolen Dr.	Chris	Daylight	0	0	2
45	980722872	3/10/98	West Vicker Switch rd.	Chris	Daylight	0	0	2
46	981111653	3/8/98	ONYX Dr.	Chris	Daylight	0	3	3
47	980370094	1/27/98	West Vicker Switch rd.	Chris	Daylight	0	0	2
48	980071350	12/22/97	ONYX Dr.	Chris	Daylight	0	1	2
49	980070122	12/16/97	East/Vicker Switch Rd.	Chris	Daylight	0	8	2
50	973531936	12/13/97	Rolling Hills Dr.	Chris	Daylight	0	1	2
51	973532709	12/12/97	West Vicker Switch rd.	Chris	Daylight	0	0	2
52	973180912	11/8/97	Dominion Dr	Chris	Daylight	0	2	3
53	97318022	11/1/97	60-00760		Dusk	0	0	2
54	972812340	9/27/97	Centerville circle	Chris	Daylight	0	1	3
55	972742378	9/24/97	Coal Hollow Rd.	Chris	Daylight	0	0	2
56	972811000	9/19/97	Centerville circle(R)	Chris	Daylight	0	0	2
57	972621696	9/13/97	Centerville circle(R)	Chris	Daylight	0	2	3
58	972620627	9/12/97	60-00685(L)	Chris	Daylight	0	0	2
59	972582146	9/9/97	60-00685(L)	Chris	Daylight	0	0	2
60	972581689	9/4/97	Centerville circle(R)	Chris	Daylight	0	5	3
61	972580011	9/4/97	Coal Hollow Rd.		Daylight	0	1	2
62	972580038	9/4/97	Coal Hollow Rd.	Chris	Dusk	0	0	2
63	972450258	8/24/97	West Vicker Switch rd.		Daylight	0	4	2
64	981960112	7/2/97	West Vicker Switch rd.	Chris	Darkness	0	1	2
65	971890276	6/23/97	60-00685(L)	Chris	Daylight	0	1	2
66	971890324	6/23/97	60-00685(L)	Chris	Daylight	0	0	3
67	971551315	5/17/97	Nolen Dr.	Chris	Daylight	0	0	3
68	970920048	3/12/97	Centerville circle(R)	Chris	Daylight	0	2	2
69	970361141	1/10/97	Centerville circle(R)	Chris	Daylight	0	1	3
70	963441542	11/26/96	60--09548(R)/West	Chris	Daylight	0	0	2
71	963280390	10/31/96	Centerville circle(R)		Daylight	0	3	3
72	962150072	7/21/96	60-00760	Chris	Darkness	0	1	2
73	962131070	7/20/96	60-00760		Daylight	0	5	3
74	961730816	6/8/96	East/Vicker Switch Rd.		Daylight	0	3	2



75	961521734	5/17/96	Dominion Dr		Daylight	0	0	3
76	961310526	5/1/96	60-09548(R)/East	Chris	Daylight	0	1	2
77	961152553	4/22/96	Jade Dr.	Chris	Daylight	0	2	2
78	960961419	3/31/96	Dominion Dr	Chris	Daylight	0	0	2
79	960962318	3/27/96	Centerville circle(R)	Chris	Daylight	0	0	2
80	960891695	3/19/96	Nolen Dr.		Daylight	0	0	3
81	960030499	12/16/95	Centerville circle(R)	Chris	Daylight	0	1	5
82	953560593	12/14/95	60-00685(L)	Chris	Darkness	0	1	2
83	953491904	12/9/95	Centerville circle(R)	Chris	Darkness	0	2	2
84	953471198	12/1/95	ONYX Dr.	Chris	Daylight	0	0	2
85	953051796	10/10/95	ONYX Dr.		Daylight	0	2	3
86	951650592	6/7/95	60-00685(L)	Chris	Daylight	0	0	3
87	951530826	5/23/95	ONYX Dr.	Chris	Daylight	0	2	2
88	951530825	5/22/95	West Vicker Switch rd.		Daylight	0	2	2
89	951530854	5/20/95	West Vicker Switch rd.		Daylight	0	1	2
90	950830828	3/19/95	West Vicker Switch rd.	Chris	Daylight	0	1	2
91	950830844	3/15/95	ONYX Dr.	Chris	Daylight	0	0	3
92	950272701	1/18/95	Dominion Dr		Dusk	0	0	2
93	950132450	1/10/95	Coal Hollow Rd.	Chris	Daylight	0	0	3
94	950042353	12/19/94	60-00685	Chris	Clear	0	0	2
95	941412106	11/22/94	EAST	Radford	Clear	0	0	2
96	942871430	10/04/94	60-00685	Radford	Clear	0	2	2
97	940330267	07/21/94	Onyx Dr.	Chris	Cloudy	0	3	2
98	942030094	07/13/94	60-00685	Chris	Cloudy	0	1	2
99	940770360	03/08/94	EAST	Chris	Cloudy	0	1	2
<b>Sub-total</b>						0	105	229

Accident code: 9

Fixed Object off road

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No.of Vehicles
1	942080797	07/21/94	Coal hollow Rd	Chris	Rain	0	1	2
2	941400585	05/15/94	60-00685	Chris	Rain	0	1	1
3	963301294	10/8/96	Montgomery County/Pulaski Line	Chris	Daylight	0	2	2
4	950342126	1/29/95	Montgomery County/Pulaski Line	Chris	Daylight	0	0	1
5	950342126	1/29/95	Montgomery County/Pulaski Line	Chris	Daylight	0	0	1
6	973532224	12/16/97	Centerville circle(R)	Chris	Darkness	0	1	1
7	990692362	3/3/99	Centerville circle(R)	Chris	Daylight	0	0	1
8	983001895	10/17/98	Centerville circle(R)	Chris	Daylight	0	0	2
9	953211651	11/7/95	60-00685(L)		Darkness	0	2	1
10	1592050	6/1/00	Jade Dr.		Darkness	0	1	1
11	1511525	5/19/00	ONYX Dr.	Chris	Daylight	0	0	1
12	981560885	6/2/98	Coal Hollow Rd.		Daylight	0	0	1
13	951392335	5/4/95	Coal Hollow Rd.	Chris	Dusk	0	0	1
14	983001349	9/30/98	West Vicker Switch rd.		Darkness	0	1	1
15	950272140	1/20/95	West Vicker Switch rd.	Chris	Darkness	0	1	1
16	950341588	1/29/95	West Vicker Switch rd.	Chris	Daylight	0	0	1
17	980630095	2/4/98	East/Vicker Switch Rd.		Darkness	0	0	1

18	1031895	3/27/00	East/Vicker Switch Rd.	Chris	Dawn	0	1	1	
19	990692329	3/3/99	Rolling Hills Dr.		Darkness	0	0	1	
20	940402054	1/23/94	60-00685	Radford	Cloudy	0	1	2	
						<b>Sub-total</b>	0	12	24

Accident code: 10

Deer

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No.of Vehicles	
1	993410460	11/14/99	Montgomery County/Pulaski Line	Chris	Darkness	0	0	1	
2	992855104	9/24/99	Montgomery County/Pulaski Line	Chris	Darkness	0	0	1	
3	1930072	6/26/00	Montgomery County/Pulaski Line	Chris	Daylight	0	0	1	
4	993560353	12/9/99	Centerville circle(R)	Chris	Darkness	0	0	1	
5	1170155	4/10/00	Centerville circle(R)	Chris	Dawn	0	0	1	
6	993560328	12/9/99	Centerville circle(R)	Chris	Darkness	0	0	1	
7	962610974	9/3/96	ONYX Dr.	Chris	Darkness	0	1	1	
8	980721589	3/2/98	East/Vicker Switch Rd.	Chris	Darkness	0	3	2	
9	980861517	3/20/98	East/Vicker Switch Rd.	Chris	Darkness	0	0	1	
10	1511836	5/16/00	East/Vicker Switch Rd.	Chris	Darkness	0	1	1	
11	992501835	8/24/99	East/Vicker Switch Rd.	Chris	Darkness	0	0	1	
						<b>Sub-total</b>	0	5	12

Accident code: 8

Non-Collision

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No. Of Vehicles	
1	983571013	12/11/98	Montgomery County/Pulaski Line	Chris	Daylight	0	1	1	
2	971892224	6/29/97	East/Vicker Switch Rd.	Chris	Darkness	0	2	1	
3	941592221	5/23/94	DOMINION DR	Radford	Cloudy	0	2	1	
						<b>Sub-total</b>	0	5	3

Accident code: 6

Fixed Object in Road

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No.of Vehicles	
1	950341586	1/28/95	West Vicker Switch rd.	Chris	Daylight	0	0	1	
						<b>Sub-total</b>	0	0	1

Accident code: 12

Pedestrian

S.No	Document No.	Date	Node	Direction to	Weather /light	Fatality	Injury	No.of Vehicles	
1	973022109	10/20/97	Montgomery County/Pulaski Line	Chris	Darkness	0	1	1	
						<b>Sub-total</b>	0	1	1

<b>Total</b>					<b>Total</b>	12	193	364
178								

### Appendix A4-8: List Of Passing Observed During Violation Field Survey

Day & date:		Saturday 09-16-2000		Time Period:			(7:00-13:00) & (17:30-19:30)			Total hours: 8 hours	
Time of occurrence	Direction	Violating vehicle class	Passed vehicle class	Starting Point from Direction Reference	Estimated Speed (mph)		Full Pass?	Other Observations	Violation?		
					Violating	Passed					
8:19 AM	To Radford	Medium	Small	1800-1900'	50	35	YES	Full acceleration, clear visibility, no effect.	NO		
8:45 AM	To Radford	Medium (SUV)	Medium (truck)	700'	45	20	YES	Yard sale in Lot 1944. Deceleration of truck looking to the yard sale. Angry SUV driver (blowing horn)	YES		
11:02 AM	To Radford	Small	Medium	1600'	50	35	YES	Queue behind the passed vehicle, clear visibility	NO		
7:35 AM	To Chr'burg	Small	Small	50'	50	40	YES	Low traffic, No effect	YES		
12:25 PM	To Chr'burg	Small	Medium	-100	55	35-40	YES	Sport vehicle, full acceleration, no opposing traffic, resumed the right but crossed the solid yellow line	YES		
5:51PM	To Chr'burg	Small	Small	?	55	45	YES	Started and completed passing just before the No Passing	NO		
7:07PM	To Chr'burg	Medium	Small	0	?	?	NO	Small car was slow, the SUV tried to pass but goes back into right lane when the small car increases the speed	YES		

**Day** **&date:** Tuesday 09-19-2000 **Time Period:** (7:30-11:00) & (16:15-19:00) **Total hours:** 6.25 hours

Time of occurrence	Direction	Violating vehicle class	Passed vehicle class	Starting Point from Direction Reference	Estimated Speed (mph)		Full Pass?	Other Observations	Violation?
					Violating	Passed			
10:55 AM	To Radford	Small	Medium	1200'	35	20-25	YES	A small truck was dragging a trailer with a queue behind. 2 cars of the queue passed the truck after they passed the crest	NO

**Day** **&date:** Wednesday 9-20-2000 **Time Period:** (7:15-10:45) & (16:30-19:00) **Total hours:** 6 hours

Time of occurrence	Direction	Violating vehicle class	Passed vehicle class	Starting Point from Direction Reference	Estimated Speed (mph)		Full Pass?	Other Observations	Violation?
					Violating	Passed			
7:45 AM	To Radford	Small	Small	1400	?	?	YES	Down slope passing	NO
8:04AM	To Radford	Small	Small	1300	?	?	YES	Down slope passing	NO
9:44 AM	To Radford	Small	Small	1800	?	?	YES	Down slope passing. The passing vehicles continued the maneuver outside the detection zone and crossed the solid yellow	NO
10:02 AM	To Ch'burg	Small	Small	20	?	?	YES	Uphill passing crossing solid yellow line	Yes
6:20 PM	To Radford	Small	Medium	100	40	30	NO	Red Food tried to overtake a pick-up because it suddenly slowed down. But stopped and went back after it saw vehicle coming in the opposite direction	Yes

**Day** Thursday  
**&date:** 09-21-2000  
**Time Period:** (7:30-11:00) & (16:15-19:00)  
**Total hours:** 6.25 hours

Time of occurrence	Direction	Violating vehicle class	Passed vehicle class	Starting Point from Direction Reference	Estimated Speed (mph)		Full Pass?	Other Observations	Violation?
					Violating	Passed			
5:04 PM	To Radford	Small	Heavy	800	35-45	20-30	YES	Violated at double yellow line in a clear way	YES
5:05 PM	To Radford	Medium	Heavy	1000	30-40	20-30	YES	Crossed almost the end of the double yellow line but he made full pass along the skip.	NO

**Day** Friday 09-22-2000  
**&date:** Friday 09-22-2000  
**Time Period:** (7:30-11:00) & (16:15-18:45)  
**Total hours:** 6.0 hours

Time of occurrence	Direction	Violating vehicle class	Passed vehicle class	Starting Point from Direction Reference	Estimated Speed (mph)		Full Pass?	Other Observations	Violation?
					Violating	Passed			
9:23 AM	To Chr'burg	Small	Small	-200	55-60	35-40	YES	A car accelerated and passed 3 cars in queue and continued uphill and took back to the right lane crossing the solid line	YES
10:45 AM	To Radford	Medium	Small	1000	50-55	40-45	YES	At crest accelerated and passed the car while some cars coming in the opposite direction were far enough to complete the maneuver	NO

**Day** Monday 09-25-2000  
**&date:** Monday 09-25-2000  
**Time Period:** (7:45-10:00& 17:00-19:00)  
**Total hours:** 4.25 hours

Time of occurrence	Direction	Violating vehicle class	Passed vehicle class	Starting Point from Direction Reference	Estimated Speed (mph)		Full Pass?	Other Observations	Violation?
					Violating	Passed			
9:25 AM	To Radford	Small	Small	1700'	50	40	YES	Accelerated and continue the maneuver outside the detection zone	NO