

## APPENDIX A: TRAFFIC COUNTS

## APPENDIX A-1: TURNING MOVEMENT COUNTS



Groups Printed- Cars

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	65	1	0	66	1	0	0	0	1	3	319	0	0	322	3	0	13	0	16	405
06:15 AM	0	73	0	0	73	0	0	3	0	3	1	404	1	0	406	3	0	15	0	18	500
06:30 AM	0	82	1	0	83	0	0	2	0	2	3	387	4	0	394	8	0	3	0	11	490
06:45 AM	1	113	1	0	115	3	0	2	0	5	2	443	2	0	447	5	0	5	0	10	577
Total	1	333	3	0	337	4	0	7	0	11	9	1553	7	0	1569	19	0	36	0	55	1972
07:00 AM	0	117	2	0	119	6	0	4	0	10	3	495	2	0	500	6	0	17	0	23	652
07:15 AM	1	117	2	0	120	5	0	3	0	8	3	513	4	0	520	9	1	15	0	25	673
07:30 AM	0	130	0	0	130	1	0	1	0	2	5	491	6	0	502	7	0	13	0	20	654
07:45 AM	6	115	1	0	122	7	0	3	0	10	2	463	3	0	468	5	0	5	0	10	610
Total	7	479	5	0	491	19	0	11	0	30	13	1962	15	0	1990	27	1	50	0	78	2589
08:00 AM	7	130	1	0	138	25	1	12	0	38	7	411	15	1	434	6	2	14	0	22	632
08:15 AM	5	146	4	0	155	20	0	9	0	29	4	311	5	1	321	3	0	13	0	16	521
08:30 AM	4	150	2	0	156	3	0	2	0	5	8	314	8	1	331	2	0	16	0	18	510
08:45 AM	2	136	3	0	141	0	0	3	0	3	5	403	3	0	411	2	0	7	0	9	564
Total	18	562	10	0	590	48	1	26	0	75	24	1439	31	3	1497	13	2	50	0	65	2227
09:00 AM	1	114	2	0	117	0	1	1	0	2	2	496	4	0	502	2	0	7	0	9	630
09:15 AM	0	89	1	0	90	1	0	1	0	2	1	473	4	1	479	4	0	7	0	11	582
09:30 AM	2	138	1	0	141	14	0	5	0	19	4	367	3	0	374	2	0	11	0	13	547
09:45 AM	1	121	3	0	125	3	0	1	0	4	3	264	5	0	272	1	0	2	0	3	404
Total	4	462	7	0	473	18	1	8	0	27	10	1600	16	1	1627	9	0	27	0	36	2163
10:00 AM	0	130	0	0	130	3	0	1	0	4	4	223	4	0	231	0	0	7	0	7	372
10:15 AM	5	143	1	0	149	6	0	1	0	7	2	204	6	1	213	2	0	4	0	6	375
10:30 AM	1	134	2	0	137	5	0	1	0	6	5	176	5	0	186	2	0	6	0	8	337
10:45 AM	0	148	3	0	151	6	0	1	0	7	5	160	5	0	170	1	0	3	0	4	332
Total	6	555	6	0	567	20	0	4	0	24	16	763	20	1	800	5	0	20	0	25	1416
11:00 AM	2	160	0	0	162	6	0	3	0	9	5	145	3	0	153	1	1	4	0	6	330
11:15 AM	5	189	3	0	197	7	0	3	0	10	6	164	7	0	177	3	0	6	0	9	393
11:30 AM	1	167	3	0	171	6	1	2	0	9	3	184	4	1	192	1	0	7	0	8	380
11:45 AM	0	189	2	0	191	6	1	2	0	9	5	160	2	3	170	2	0	6	0	8	378
Total	8	705	8	0	721	25	2	10	0	37	19	653	16	4	692	7	1	23	0	31	1481
12:00 PM	0	189	4	0	193	4	0	1	0	5	9	172	3	1	185	0	0	6	0	6	389
12:15 PM	0	171	2	0	173	6	0	0	0	6	4	178	0	0	182	3	0	7	0	10	371
12:30 PM	0	168	0	0	168	4	1	3	0	8	6	168	0	0	174	2	0	7	0	9	359
12:45 PM	1	177	1	0	179	3	0	2	0	5	6	177	1	1	185	2	0	10	0	12	381
Total	1	705	7	0	713	17	1	6	0	24	25	695	4	2	726	7	0	30	0	37	1500
01:00 PM	2	140	1	0	143	2	0	2	0	4	6	177	3	1	187	1	0	4	0	5	339
01:15 PM	0	176	2	0	178	0	0	1	0	1	14	151	1	0	166	0	0	12	0	12	357
01:30 PM	0	169	1	0	170	1	0	2	0	3	5	153	0	1	159	2	0	10	0	12	344
01:45 PM	0	198	4	0	202	5	0	1	0	6	6	144	1	0	151	1	0	7	0	8	367
Total	2	683	8	0	693	8	0	6	0	14	31	625	5	2	663	4	0	33	0	37	1407
02:00 PM	0	204	2	0	206	1	0	0	0	1	4	153	1	0	158	0	0	5	0	5	370
02:15 PM	2	207	0	0	209	1	0	1	0	2	8	142	2	0	152	1	0	10	0	11	374
02:30 PM	3	207	3	0	213	2	0	1	0	3	11	179	2	0	192	3	0	7	0	10	418
02:45 PM	1	286	4	0	291	2	0	2	0	4	15	145	11	1	172	2	0	9	0	11	478
Total	6	904	9	0	919	6	0	4	0	10	38	619	16	1	674	6	0	31	0	37	1640
03:00 PM	7	321	5	0	333	4	0	2	0	6	8	162	6	0	176	1	2	5	0	8	523
03:15 PM	4	295	3	0	302	43	3	9	0	55	6	167	9	0	182	2	2	10	0	14	553
03:30 PM	3	387	8	0	398	14	1	2	0	17	15	155	4	0	174	1	0	11	0	12	601
03:45 PM	5	368	9	1	383	7	0	7	0	14	11	180	4	0	195	3	0	9	0	12	604
Total	19	1371	25	1	1416	68	4	20	0	92	40	664	23	0	727	7	4	35	0	46	2281
04:00 PM	4	567	9	0	580	11	0	3	0	14	17	168	2	0	187	3	0	17	0	20	801
04:15 PM	3	527	2	0	532	4	0	0	0	4	11	165	2	1	179	2	0	8	0	10	725
04:30 PM	8	535	10	0	553	12	0	2	0	14	11	172	4	0	187	2	0	9	0	11	765
04:45 PM	2	567	13	0	582	7	0	1	0	8	21	184	2	2	209	7	0	9	0	16	815
Total	17	2196	34	0	2247	34	0	6	0	40	60	689	10	3	762	14	0	43	0	57	3106
05:00 PM	5	518	9	0	532	12	0	2	0	14	19	193	1	4	217	4	0	18	0	22	785
05:15 PM	4	497	12	0	513	3	0	1	0	4	11	203	2	1	217	5	0	9	0	14	748
05:30 PM	3	419	9	0	431	4	0	1	0	5	18	163	2	2	185	4	0	16	0	20	641
05:45 PM	1	348	12	1	362	3	2	0	0	5	14	196	5	1	216	3	2	3	0	8	591
Total	13	1782	42	1	1838	22	2	4	0	28	62	755	10	8	835	16	2	46	0	64	2765
06:00 PM	2	356	7	0	365	6	0	0	0	6	6	140	1	1	148	0	0	3	0	3	522

Groups Printed- Cars

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	2	247	8	0	257	9	0	3	0	12	10	151	3	0	164	3	0	11	0	14	447
06:30 PM	0	236	4	0	240	3	0	4	0	7	12	173	1	0	186	0	0	5	0	5	438
06:45 PM	0	229	5	0	234	1	0	0	0	1	17	149	0	2	168	3	0	6	0	9	412
Total	4	1068	24	0	1096	19	0	7	0	26	45	613	5	3	666	6	0	25	0	31	1819
Grand Total	106	11805	188	2	12101	308	11	119	0	438	392	12630	178	28	13228	140	10	449	0	599	26366
Apprch %	0.9	97.6	1.6	0		70.3	2.5	27.2	0		3	95.5	1.3	0.2		23.4	1.7	75	0		
Total %	0.4	44.8	0.7	0	45.9	1.2	0	0.5	0	1.7	1.5	47.9	0.7	0.1	50.2	0.5	0	1.7	0	2.3	

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
07:00 AM	0	117	2	0																	

Groups Printed- Buses

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
06:30 AM	0	2	0	0	2	0	1	0	0	1	0	3	0	0	3	0	0	0	0	0	0	6
06:45 AM	0	10	0	0	10	0	0	1	0	1	1	1	1	0	3	0	0	2	0	0	2	16
Total	0	14	0	0	14	0	1	1	0	2	1	8	1	0	10	0	0	2	0	2	2	28
07:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
07:15 AM	0	3	1	0	4	0	0	0	0	0	1	7	0	0	8	0	0	1	0	0	1	13
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	1	4
07:45 AM	0	6	2	0	8	0	0	1	0	1	0	8	0	0	8	0	0	0	0	0	0	17
Total	0	10	3	0	13	0	0	1	0	1	1	19	0	0	20	1	0	1	0	2	2	36
08:00 AM	0	4	0	0	4	0	0	0	0	0	1	2	0	0	3	1	1	0	0	0	2	9
08:15 AM	1	5	0	0	6	0	0	0	0	0	1	7	0	0	8	0	0	2	0	0	2	16
08:30 AM	0	3	0	0	3	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	6
08:45 AM	0	2	1	0	3	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	1	7
Total	1	14	1	0	16	1	0	0	0	1	2	14	0	0	16	2	1	2	0	5	5	38
09:00 AM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
09:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6
10:00 AM	0	0	0	0	0	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	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	0	0	0	0	0
10:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:00 AM	0	0	0	0	0	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	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	0	0	0	0	0
11:45 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
Total	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
12:00 PM	0	0	0	0	0	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	1	0	0	0	1	1	0	0	2	0	0	1	0	0	1	4
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	2
12:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	2	0	0	2	1	0	0	0	1	2	1	0	0	3	1	0	1	0	2	2	8
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	5
01:30 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	6	0	0	6	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	9
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
02:30 PM	0	0	0	0	0	0	1	0	0	1	2	10	0	0	12	0	0	1	0	0	1	14
02:45 PM	0	4	0	0	4	0	0	0	0	0	0	8	0	0	8	2	0	0	0	0	2	14
Total	0	4	0	0	4	0	1	0	0	1	2	21	0	0	23	2	0	1	0	3	3	31
03:00 PM	1	10	1	0	12	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	16
03:15 PM	1	5	0	0	6	0	0	1	0	1	0	4	0	0	4	0	0	1	0	0	1	12
03:30 PM	0	4	0	0	4	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	12
03:45 PM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6
Total	2	23	1	0	26	0	0	1	0	1	0	18	0	0	18	0	0	1	0	1	1	46
04:00 PM	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
04:15 PM	0	1	1	0	2	1	0	0	0	1	1	3	0	0	4	0	0	1	0	0	1	8
04:30 PM	0	3	1	0	4	0	0	0	0	0	0	5	0	0	5	1	0	1	0	2	11	
04:45 PM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	5
Total	0	10	2	0	12	2	0	0	0	2	1	9	0	0	10	1	0	2	0	3	3	27
05:00 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	1	3
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	1	0	0	1	0	1	0	0	1	1	0	0	0	0	1	5
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1

Groups Printed- Buses

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	0	0	0	0	0
06:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Grand Total	3	93	7	0	103	4	3	3	0	10	9	98	1	0	108	8	1	10	0	19	19	240
Approch %	2.9	90.3	6.8	0		40	30	30	0		8.3	90.7	0.9	0		42.1	5.3	52.6	0			
Total %	1.2	38.8	2.9	0	42.9	1.7	1.2	1.2	0	4.2	3.8	40.8	0.4	0	45	3.3	0.4	4.2	0	7.9		

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
07:45 AM	0	6	2	0	8	0	0	1	0	1	0	8	0	0	8	0	0	0	0	0	0	17
08:00 AM	0	4	0	0	4	0	0	0	0	0	1	2	0	0	3	1	1	0	0	0	2	9
08:15 AM	1	5	0	0	6	0	0	0	0	0	1	7	0	0	8	0	0	0	0	0	2	16
08:30 AM	0	3	0	0	3	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	6
Total Volume	1	18	2	0	21	1	0	1	0	2	2	19	0	0	21	1	1	2	0	4	4	48
% App. Total	4.8	85.7	9.5	0		50	0	50	0		9.5	90.5	0	0		25	25	50	0			
PHF	.250	.750	.250	.656		.250	.000	.250	.500		.500	.594	.000	.656		.250	.250	.250</				

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4
06:15 AM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5
06:30 AM	0	1	0	0	1	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	9
06:45 AM	0	1	0	0	1	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	0	6
Total	0	7	0	0	7	0	0	1	0	1	0	16	0	0	16	0	0	0	0	0	0	24
07:00 AM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	5
07:15 AM	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	7
07:30 AM	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	11
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
Total	0	11	0	0	11	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	26
08:00 AM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	5
08:15 AM	0	5	0	0	5	1	0	0	0	1	0	5	1	0	6	0	0	0	0	0	0	12
08:30 AM	0	6	1	0	7	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	9
08:45 AM	0	4	0	0	4	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	12
Total	0	19	1	0	20	1	0	0	0	1	0	16	1	0	17	0	0	0	0	0	0	38
09:00 AM	0	3	0	0	3	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	0	13
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	14	0	0	14	0	0	1	0	1	0	17
09:30 AM	0	3	0	0	3	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	14
09:45 AM	0	5	0	0	5	0	0	0	0	0	1	12	0	0	13	0	0	0	0	0	0	18
Total	0	13	0	0	13	0	0	0	0	0	1	47	0	0	48	0	0	1	0	1	0	62
10:00 AM	0	1	0	0	1	0	1	0	0	1	0	8	0	0	8	0	0	1	0	1	0	11
10:15 AM	0	3	0	0	3	0	0	0	0	0	1	4	0	0	5	0	0	1	0	1	0	9
10:30 AM	0	3	1	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6
10:45 AM	0	8	0	0	8	0	0	0	0	0	0	4	0	0	4	1	0	0	0	0	1	13
Total	0	15	1	0	16	0	1	0	0	1	1	18	0	0	19	1	0	2	0	3	0	39
11:00 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	6
11:15 AM	0	4	0	0	4	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	13
11:30 AM	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	8
11:45 AM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	0	13	0	0	13	0	0	0	0	0	0	17	0	0	17	0	0	0	0	0	0	30
12:00 PM	0	3	0	0	3	0	0	0	0	0	1	5	0	0	6	0	0	0	0	0	0	9
12:15 PM	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	8
12:30 PM	0	4	0	0	4	0	0	0	0	0	0	13	0	0	13	0	0	0	0	0	0	17
12:45 PM	0	7	0	0	7	0	0	0	0	0	0	4	0	0	4	0	0	1	0	1	0	12
Total	0	16	0	0	16	0	0	0	0	0	1	28	0	0	29	0	0	1	0	1	0	46
01:00 PM	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	11
01:15 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
01:30 PM	0	7	0	0	7	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	10
01:45 PM	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	8
Total	0	18	0	0	18	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	0	32
02:00 PM	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	8
02:15 PM	0	8	0	0	8	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	14
02:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	2	0	0	0	0	0	0	3
02:45 PM	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	9
Total	0	15	0	0	15	0	0	0	0	0	0	18	0	1	19	0	0	0	0	0	0	34
03:00 PM	0	1	0	0	1	0	0	0	0	0	1	5	0	0	6	0	0	0	0	0	0	7
03:15 PM	0	4	0	0	4	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	7
03:30 PM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	6
03:45 PM	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	8
Total	0	14	0	0	14	0	0	0	0	0	1	13	0	0	14	0	0	0	0	0	0	28
04:00 PM	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	1	0	0	0	0	1	8
04:15 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
04:45 PM	1	3	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	5
Total	1	10	0	0	11	0	0	0	0	0	0	7	0	0	7	1	0	0	0	0	1	19
05:00 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
05:45 PM	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	0	8	0	0	8	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	11
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
06:30 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6
Grand Total	1	163	2	0	166	1	1	1	0	3	4	214	1	1	220	2	0	4	0	6	395	
Apprch %	0.6	98.2	1.2	0		33.3	33.3	33.3	0		1.8	97.3	0.5	0.5		33.3	0	66.7	0			
Total %	0.3	41.3	0.5	0	42	0.3	0.3	0.3	0	0.8	1	54.2	0.3	0.3	55.7	0.5	0	1	0	1.5		

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
09:00 AM	0	3	0	0	3	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	13
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	14	0	0	14	0	0	1	0	1	17
09:30 AM	0	3	0	0	3	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	14
09:45 AM	0	5	0	0	5	0	0	0	0	0	1	12	0	0	13	0	0	0	0	0	18
Total	0	13	0	0	13	0	0	0	0	0	1	47	0	0	48	0	0	1	0	1	62
Total Volume	0	13	0	0	13	0	0	0	0	0	1	47	0	0	48	0	0	1	0	1	62
% App. Total	0	100	0	0		0	0	0	0		2.1	97.9	0	0		0	0	100	0		

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2
06:45 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Total	0	2	0	0	2	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	6
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2
Total	0	2	0	0	2	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	6
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
08:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
08:30 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
08:45 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	6
Total	0	4	0	0	4	0	0	0	0	0	0	7	0	7	0	0	0	0	0	0	0	11
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	6	0	6	0	0	0	0	0	0	0	6
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
09:45 AM	0	2	0	0	2	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	5
Total	0	2	0	0	2	0	0	0	0	0	0	12	0	12	0	0	0	0	0	0	0	14
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2
10:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	2
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	3
Total	0	1	0	0	1	0	0	0	0	0	0	7	0	7	0	0	0	0	0	0	0	8
11:00 AM	0	0	0	0	0	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	1	0	1	0	0	0	0	0	0	0	1
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	3
Total	0	2	0	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	4
12:00 PM	0	2	0	0	2	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	5
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
12:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	3
Total	0	5	0	0	5	0	0	0	0	0	0	6	0	6	0	0	0	0	0	0	0	11
01:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
01:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	5
02:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
02:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
02:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	6	0	0	6	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	7
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
03:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Total	0	1	0	0	1	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	4
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	4
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	3
06:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
Grand Total	0	33	0	0	33	0	0	0	0	0	0	52	0	52	0	0	0	0	0	0	0	85
Approch %	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0		0	
Total %	0	38.8	0	0	38.8	0	0	0	0	0	0	61.2	0	61.2	0	0	0	0	0	0	0	

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
08:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
08:30 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
08:45 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	6
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	6	0	6	0	0	0	0	0	0	0	6
Total Volume	0	4	0	0	4	0	0	0	0	0	0	12	0	12	0	0	0	0	0	0	0	16
% App. Total	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0		0	
PHF	.000	.500	.000	.500		.000	.000	.000	.000		.000	.500	.000	.500		.000	.000	.000	.000		.000	.667

Peak Hour Analysis From 06:00 AM to 11:

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	0	0
10:30 AM	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
11:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	1	1
04:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
05:00 PM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
05:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	2
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	2	2	0	5
Approch %	0	0	0	100		0	0	0	100		0	0	0	0		0	0	0	100			
Total %	0	0	0	20	20	0	0	0	40	40	0	0	0	0	0	0	0	0	40	40		

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0			
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	70	1	0	71	1	0	0	0	1	3	320	1	0	323	3	0	13	0	16	411
06:15 AM	0	76	0	0	76	0	0	3	0	3	1	412	1	0	414	3	0	15	0	18	511
06:30 AM	0	85	1	0	86	0	1	2	0	3	3	400	4	0	407	8	0	3	0	11	507
06:45 AM	1	125	1	0	127	3	0	4	0	7	3	449	3	0	455	5	0	7	0	12	601
Total	1	356	3	0	360	4	1	9	0	14	10	1581	8	0	1599	19	0	38	0	57	2030
07:00 AM	0	121	2	0	123	6	0	4	0	10	3	499	2	0	504	6	0	17	0	23	660
07:15 AM	1	123	3	0	127	5	0	3	0	8	4	526	4	0	534	9	1	16	0	26	695
07:30 AM	0	137	0	0	137	1	0	1	0	2	5	499	6	0	510	8	0	13	0	21	670
07:45 AM	6	121	3	0	130	7	0	4	0	11	2	476	3	0	481	5	0	5	0	10	632
Total	7	502	8	0	517	19	0	12	0	31	14	2000	15	0	2029	28	1	51	0	80	2657
08:00 AM	7	138	1	0	146	25	1	12	0	38	8	415	15	1	439	7	3	14	0	24	647
08:15 AM	6	157	4	0	167	21	0	9	0	30	5	324	6	1	336	3	0	15	0	18	551
08:30 AM	4	160	3	0	167	4	0	2	0	6	8	319	8	1	336	2	0	16	0	18	527
08:45 AM	2	144	4	0	150	0	0	3	0	3	5	418	3	0	426	3	0	7	0	10	589
Total	19	599	12	0	630	50	1	26	0	77	26	1476	32	3	1537	15	3	52	0	70	2314
09:00 AM	1	120	2	0	123	0	1	1	0	2	2	513	4	0	519	2	0	7	0	9	653
09:15 AM	0	91	1	0	92	1	0	1	0	2	1	490	4	1	496	4	0	8	0	12	602
09:30 AM	2	142	1	0	145	14	0	5	0	19	4	379	3	0	386	2	0	11	0	13	563
09:45 AM	1	128	3	0	132	3	0	1	0	4	4	279	5	0	288	1	0	2	0	3	427
Total	4	481	7	0	492	18	1	8	0	27	11	1661	16	1	1689	9	0	28	0	37	2245
10:00 AM	0	131	0	0	131	3	1	1	0	5	4	233	4	0	241	0	0	8	0	8	385
10:15 AM	5	147	1	0	153	6	0	1	0	7	3	208	6	1	218	2	0	5	0	7	385
10:30 AM	1	137	3	0	141	5	0	1	0	6	5	180	5	0	190	2	0	6	0	8	345
10:45 AM	0	157	3	0	160	6	0	1	0	7	5	167	5	0	177	2	0	3	0	5	349
Total	6	572	7	0	585	20	1	4	0	25	17	788	20	1	826	6	0	22	0	28	1464
11:00 AM	2	162	0	0	164	6	0	3	0	9	5	149	3	0	157	1	1	4	0	6	336
11:15 AM	5	193	3	0	201	7	0	3	0	10	6	174	7	0	187	3	0	6	0	9	407
11:30 AM	1	171	3	0	175	6	1	2	0	9	3	188	4	1	196	1	0	7	0	8	388
11:45 AM	0	196	2	0	198	6	1	2	0	9	5	162	2	3	172	2	0	6	0	8	387
Total	8	722	8	0	738	25	2	10	0	37	19	673	16	4	712	7	1	23	0	31	1518
12:00 PM	0	194	4	0	198	4	0	1	0	5	10	180	3	1	194	0	0	6	0	6	403
12:15 PM	0	173	2	0	175	7	0	0	0	7	5	186	0	0	191	3	0	8	0	11	384
12:30 PM	0	174	0	0	174	4	1	3	0	8	7	181	0	0	188	3	0	7	0	10	380
12:45 PM	1	187	1	0	189	3	0	2	0	5	6	183	1	1	191	2	0	11	0	13	398
Total	1	728	7	0	736	18	1	6	0	25	28	730	4	2	764	8	0	32	0	40	1565
01:00 PM	2	146	1	0	149	2	0	2	0	4	6	184	3	1	194	1	0	4	0	5	352
01:15 PM	0	181	2	0	183	0	0	1	0	1	14	155	1	0	170	0	0	12	0	12	366
01:30 PM	0	181	1	0	182	1	0	2	0	3	5	156	0	1	162	2	0	10	0	12	359
01:45 PM	0	202	4	0	206	5	0	1	0	6	6	149	1	0	156	1	0	7	0	8	376
Total	2	710	8	0	720	8	0	6	0	14	31	644	5	2	682	4	0	33	0	37	1453
02:00 PM	0	209	2	0	211	1	0	0	0	1	4	160	1	0	165	0	0	5	0	5	382
02:15 PM	2	216	0	0	218	1	0	1	0	2	8	149	2	0	159	1	0	10	0	11	390
02:30 PM	3	209	3	0	215	2	1	1	0	4	13	191	2	1	207	3	0	8	0	11	437
02:45 PM	1	295	4	0	300	2	0	2	0	4	15	159	11	1	186	4	0	9	0	13	503
Total	6	929	9	0	944	6	1	4	0	11	40	659	16	2	717	8	0	32	0	40	1712
03:00 PM	8	332	6	0	346	4	0	2	0	6	9	172	6	0	187	1	2	5	0	8	547
03:15 PM	5	304	3	0	312	43	3	10	0	56	6	174	9	0	189	2	2	11	0	15	572
03:30 PM	3	396	8	0	407	14	1	2	0	17	15	165	4	0	184	1	0	11	0	12	620
03:45 PM	5	377	9	1	392	7	0	7	0	14	11	187	4	0	202	3	0	9	0	12	620
Total	21	1409	26	1	1457	68	4	21	0	93	41	698	23	0	762	7	4	36	0	47	2359
04:00 PM	4	573	9	0	586	12	0	3	0	15	17	173	2	0	192	4	0	17	0	21	814
04:15 PM	3	531	3	0	537	5	0	0	0	5	12	169	2	1	184	2	0	9	0	11	737
04:30 PM	8	540	11	0	559	12	0	2	0	14	11	179	4	0	194	3	0	10	0	13	780
04:45 PM	3	574	13	0	590	7	0	1	0	8	21	186	2	2	211	7	0	9	0	16	825
Total	18	2218	36	0	2272	36	0	6	0	42	61	707	10	3	781	16	0	45	0	61	3156
05:00 PM	5	522	9	0	536	12	1	2	0	15	19	194	1	4	218	5	0	18	0	23	792
05:15 PM	4	499	12	0	515	3	0	1	0	4	11	204	2	1	218	5	0	9	0	14	751
05:30 PM	3	421	9	0	433	4	0	1	0	5	18	166	2	2	188	4	0	16	0	20	646
05:45 PM	1	352	12	1	366	3	2	0	0	5	14	196	5	1	216	3	2	3	0	8	595
Total	13	1794	42	1	1850	22	3	4	0	29	62	760	10	8	840	17	2	46	0	65	2784
06:00 PM	2	357	7	0	366	6	0	0	0	6	6	141	1	1	149	0	0	3	0	3	524

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Church Ent/Exit Westbound					Rt 1 Northbound					Port Aquia Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	2	249	8	0	259	9	0	3	0	12	10	151	3	0	164	3	0	11	0	14	449
06:30 PM	0	238	4	0	242	3	0	4	0	7	12	175	1	0	188	0	0	5	0	5	442
06:45 PM	0	230	5	0	235	1	0	0	0	1	17	150	0	2	169	3	0	6	0	9	414
Total	4	1074	24	0	1102	19	0	7	0	26	45	617	5	3	670	6	0	25	0	31	1829
Grand Total	110	12094	197	2	12403	313	15	123	0	451	405	12994	180	29	13608	150	11	463	0	624	27086
Approch %	0.9	97.5	1.6	0		69.4	3.3	27.3	0		3	95.5	1.3	0.2		24	1.8	74.2	0		
Total %	0.4	44.7	0.7	0	45.8	1.2	0.1	0.5	0	1.7	1.5	48	0.7	0.1	50.2	0.6	0	1.7	0	2.3	
Cars	106	11805	188	2	12101	308	11	119	0	438	392	12630	178	28	13228	140	10	449	0	599	26366
% Cars	96.4	97.6	95.4	100	97.6	98.4	73.3	96.7	0	97.1	96.8	97.2	98.9	96.6	97.2	93.3	90.9	97	0	96	97.3
Buses	3	93	7	0	103	4	3	3	0	10	9	98	1	0	108	8	1	10	0	19	240
% Buses	2.7	0.8	3.6	0	0.8	1.3	20	2.4	0	2.2	2.2	0.8	0.6	0	0.8	5.3	9.1				

Groups Printed- Cars

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	4	95	0	0	99	10	0	6	0	16	0	312	4	0	316	0	0	0	0	0	431
06:15 AM	2	110	0	1	113	20	0	6	0	26	0	388	0	0	388	1	0	0	0	0	528
06:30 AM	1	100	0	0	101	30	0	8	0	38	0	383	2	0	385	0	0	0	0	0	524
06:45 AM	1	117	0	0	118	22	0	16	0	38	0	448	6	0	454	0	0	0	0	0	610
Total	8	422	0	1	431	82	0	36	0	118	0	1531	12	0	1543	1	0	0	0	0	2093
07:00 AM	7	159	0	0	166	12	0	18	0	30	0	471	10	0	481	0	0	0	0	0	677
07:15 AM	2	153	0	0	155	25	0	14	0	39	0	487	2	0	489	0	0	0	0	0	683
07:30 AM	3	152	0	0	155	16	0	22	0	38	0	472	4	0	476	0	0	0	0	0	669
07:45 AM	4	119	0	0	123	23	0	21	0	44	0	452	5	0	457	0	0	0	0	0	624
Total	16	583	0	0	599	76	0	75	0	151	0	1882	21	0	1903	0	0	0	0	0	2653
08:00 AM	1	197	0	0	198	11	0	10	0	21	0	468	8	0	476	0	0	0	0	0	695
08:15 AM	1	189	0	0	190	28	0	10	0	38	0	329	2	0	331	0	0	0	0	0	559
08:30 AM	6	174	0	0	180	24	0	15	0	39	0	328	9	0	337	0	0	0	0	0	556
08:45 AM	3	139	0	0	142	18	0	15	0	33	0	426	12	0	438	0	0	0	0	0	613
Total	11	699	0	0	710	81	0	50	0	131	0	1551	31	0	1582	0	0	0	0	0	2423
09:00 AM	4	123	0	0	127	12	0	9	0	21	0	502	10	0	512	0	0	0	0	0	660
09:15 AM	2	102	0	0	104	14	0	12	0	26	0	471	9	0	480	0	0	0	0	0	610
09:30 AM	4	158	0	0	162	14	0	9	0	23	0	375	5	0	380	0	0	0	0	0	565
09:45 AM	4	134	0	0	138	11	0	7	0	18	0	278	9	0	287	0	0	0	0	0	443
Total	14	517	0	0	531	51	0	37	0	88	0	1626	33	0	1659	0	0	0	0	0	2278
10:00 AM	2	133	0	0	135	9	0	8	0	17	0	215	6	0	221	0	0	0	0	0	373
10:15 AM	5	149	0	0	154	18	0	11	0	29	0	214	3	0	217	0	0	0	0	0	400
10:30 AM	5	146	0	0	151	6	0	6	0	12	0	178	9	0	187	0	0	1	0	1	351
10:45 AM	6	156	0	0	162	11	0	6	1	18	0	159	8	0	167	0	0	0	0	0	347
Total	18	584	0	0	602	44	0	31	1	76	0	766	26	0	792	0	0	1	0	1	1471
11:00 AM	1	159	0	1	161	8	0	8	0	16	0	145	3	0	148	1	0	0	0	1	326
11:15 AM	5	206	0	0	211	14	0	8	0	22	0	178	5	0	183	1	0	0	0	1	417
11:30 AM	2	190	0	0	192	16	0	14	0	30	0	185	5	0	190	0	0	0	0	0	412
11:45 AM	3	184	0	0	187	16	0	9	0	25	0	167	9	0	176	0	0	0	0	0	388
Total	11	739	0	1	751	54	0	39	0	93	0	675	22	0	697	2	0	0	0	2	1543
12:00 PM	2	191	0	0	193	6	0	13	0	19	0	156	8	0	164	0	0	0	0	0	376
12:15 PM	3	200	0	0	203	18	0	7	0	25	0	183	11	0	194	0	0	0	0	0	422
12:30 PM	5	181	0	0	186	11	0	5	0	16	0	161	10	0	171	0	0	0	0	0	373
12:45 PM	5	194	0	0	199	6	0	12	0	18	0	161	9	0	170	0	0	0	0	0	387
Total	15	766	0	0	781	41	0	37	0	78	0	661	38	0	699	0	0	0	0	0	1558
01:00 PM	4	154	0	0	158	12	0	6	0	18	0	189	9	0	198	0	0	0	0	0	374
01:15 PM	6	183	0	0	189	14	0	7	0	21	0	161	16	0	177	0	0	0	0	0	387
01:30 PM	1	178	0	0	179	12	0	9	0	21	0	157	7	0	164	0	0	1	0	1	365
01:45 PM	4	209	0	0	213	12	0	7	0	19	0	155	4	0	159	0	0	0	0	0	391
Total	15	724	0	0	739	50	0	29	0	79	0	662	36	0	698	0	0	1	0	1	1517
02:00 PM	3	206	0	0	209	16	0	6	0	22	0	160	10	0	170	0	1	0	0	1	402
02:15 PM	5	210	0	0	215	9	0	9	0	18	0	154	16	0	170	0	0	0	0	0	403
02:30 PM	5	223	0	0	228	13	0	3	1	17	0	191	13	0	204	0	0	0	0	0	449
02:45 PM	7	289	0	0	296	15	0	9	0	24	0	171	8	0	179	0	0	0	0	0	499
Total	20	928	0	0	948	53	0	27	1	81	0	676	47	0	723	0	1	0	0	1	1753
03:00 PM	5	312	0	0	317	12	0	12	0	24	0	185	14	0	199	0	0	0	0	0	540
03:15 PM	3	365	0	0	368	18	0	13	0	31	1	171	7	0	179	0	0	1	0	1	579
03:30 PM	5	397	0	0	402	14	0	7	0	21	0	174	14	0	188	0	0	0	0	0	611
03:45 PM	5	383	0	0	388	18	0	18	0	36	0	188	17	0	205	0	0	0	0	0	629
Total	18	1457	0	0	1475	62	0	50	0	112	1	718	52	0	771	0	0	1	0	1	2359
04:00 PM	5	574	1	0	580	10	0	12	0	22	0	188	21	0	209	0	0	1	0	1	812
04:15 PM	6	523	0	0	529	14	0	7	0	21	0	191	14	0	205	0	0	0	0	0	755
04:30 PM	14	521	0	0	535	17	0	12	0	29	0	185	13	0	198	0	0	0	0	0	762
04:45 PM	12	550	0	0	562	22	0	11	0	33	0	219	10	0	229	0	1	0	0	1	825
Total	37	2168	1	0	2206	63	0	42	0	105	0	783	58	0	841	0	1	1	0	2	3154
05:00 PM	7	535	0	1	543	23	0	14	0	37	0	225	15	0	240	0	0	0	0	0	820
05:15 PM	10	493	0	0	503	19	0	13	0	32	0	210	12	0	222	0	0	0	0	0	757
05:30 PM	9	447	0	0	456	19	0	9	0	28	0	167	19	0	186	0	0	0	0	0	670
05:45 PM	9	350	0	1	360	21	0	15	0	36	0	224	8	0	232	0	0	1	0	1	629
Total	35	1825	0	2	1862	82	0	51	0	133	0	826	54	0	880	0	0	1	0	1	2876
06:00 PM	9	362	0	0	371	25	0	14	0	39	0	154	18	0	172	0	0	0	0	0	582

Groups Printed- Cars

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	5	272	0	0	277	17	0	11	0	28	0	172	17	0	189	0	0	1	0	1	495
06:30 PM	7	246	0	0	253	16	0	11	0	27	0	191	24	0	215	0	0	0	0	0	495
06:45 PM	5	230	0	0	235	18	0	12	0	30	0	168	11	0	179	0	0	0	0	0	444
Total	26	1110	0	0	1136	76	0	48	0	124	0	685	70	0	755	0	0	1	0	1	2016
Grand Total	244	12522	1	4	12771	815	0	552	2	1369	1	13042	500	0	13543	3	2	6	0	11	27694
Apprch %	1.9	98.1	0	0		59.5	0	40.3	0.1		0	96.3	3.7	0		27.3	18.2	54.5	0		
Total %	0.9	45.2	0	0	46.1	2.9	0	2	0	4.9	0	47.1	1.8	0	48.9	0	0	0	0	0	

Start Time	Rt 1 Southbound				Coachman Cir Westbound				Rt 1 Northbound				Ent/Exit Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:15 AM	2	153	0	155	25	0	14	39	0	487	2	489	0	0	0	0	683
07:30 AM	3	152	0	155	16	0	22	476	0	472	4	476	0	0	0	0	669
07:45 AM	4	119	0	123	23	0	21	44	0	452	5	457	0	0	0	0	624

Groups Printed- Buses

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
06:30 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	6
06:45 AM	0	12	0	0	12	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	15
Total	0	16	0	0	16	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	27
07:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
07:15 AM	0	4	0	0	4	0	0	0	0	0	0	8	1	0	9	0	0	0	0	0	13
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
07:45 AM	0	6	0	0	6	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	14
Total	0	11	0	0	11	0	0	0	0	0	0	21	1	0	22	0	0	0	0	0	33
08:00 AM	0	6	0	0	6	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	10
08:15 AM	2	5	0	0	7	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	10
08:30 AM	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	8
08:45 AM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	5
Total	2	17	0	0	19	0	0	0	0	0	0	13	1	0	14	0	0	0	0	0	33
09:00 AM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	6
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
09:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	6	0	0	6	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	8
10:00 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
10:15 AM	0	0	0	0	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	0	0	0	0
10:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
11:00 AM	0	0	0	0	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	0	0	0	0
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
Total	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
12:15 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
12:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	4	0	0	4	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	8
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
01:15 PM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
01:30 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Total	0	6	0	0	6	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	10
02:00 PM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
02:30 PM	0	1	0	0	1	0	0	0	0	0	0	11	2	0	13	0	0	0	0	0	14
02:45 PM	0	1	0	0	1	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	9
Total	0	2	0	0	2	0	0	0	0	0	0	20	2	0	22	0	0	0	0	0	24
03:00 PM	0	12	0	0	12	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	16
03:15 PM	1	7	0	0	8	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	12
03:30 PM	0	6	0	0	6	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	12
03:45 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
Total	1	27	0	0	28	0	0	0	0	0	0	16	0	0	16	0	0	0	0	0	44
04:00 PM	0	3	0	0	3	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	4
04:15 PM	0	3	0	0	3	0	0	1	0	1	0	3	1	0	4	0	0	0	0	0	8
04:30 PM	1	4	0	0	5	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	9
04:45 PM	0	4	0	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	5
Total	1	14	0	0	15	0	0	1	0	1	0	7	3	0	10	0	0	0	0	0	26
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
05:15 PM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Groups Printed- Buses

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
06:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Grand Total	4	111	0	0	115	0	0	2	0	2	0	100	8	0	108	0	0	0	0	0	225
Apprch %	3.5	96.5	0	0		0	0	100	0		0	92.6	7.4	0		0	0	0	0		
Total %	1.8	49.3	0	0	51.1	0	0	0.9	0	0.9	0	44.4	3.6	0	48	0	0	0	0	0	

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
07:45 AM	0	6	0	0	6	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	14
08:00 AM	0	6	0	0	6	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	10
08:15 AM	2	5	0	0	7	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	10
08:30 AM	0	4	0	0	4	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	8
Total Volume	2	21	0	0	23	0	0	0	0	0	0	18	1	0	19	0	0	0	0	0	42
% App. Total	8.7	91.3	0	0		0	0	0	0		0	94.7	5.3	0		0	0	0	0		
PHF	.250	.875	.000	.000	.821	.000	.000	.000	.000	.000	.000	.563	.250	.594	.000	.000	.000	.000	.000	.000	.750

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 07:45 AM

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
02:30 PM	0	1	0	0	1</																



Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
06:15 AM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
06:30 AM	0	1	0	0	1	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	9
06:45 AM	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	3
Total	0	7	0	0	7	0	0	0	0	0	0	13	1	0	14	0	0	0	0	0	21
07:00 AM	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	6
07:15 AM	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	8
07:30 AM	0	6	0	0	6	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	12
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	4
Total	0	12	0	0	12	1	0	0	0	1	0	16	1	0	17	0	0	0	0	0	30
08:00 AM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
08:15 AM	0	3	0	0	3	1	0	0	0	1	0	8	0	0	8	0	0	0	0	0	12
08:30 AM	0	4	0	0	4	0	0	0	0	0	0	2	2	0	4	0	0	0	0	0	8
08:45 AM	0	2	0	0	2	0	0	1	0	1	0	6	0	0	6	0	0	0	0	0	9
Total	0	12	0	0	12	1	0	1	0	2	0	17	2	0	19	0	0	0	0	0	33
09:00 AM	0	4	0	0	4	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	13
09:15 AM	1	4	0	0	5	2	0	1	0	3	0	14	2	0	16	0	0	0	0	0	24
09:30 AM	0	3	0	0	3	1	0	0	0	1	0	14	0	0	14	0	0	0	0	0	18
09:45 AM	0	7	0	0	7	0	0	2	0	2	0	13	1	0	14	0	0	0	0	0	23
Total	1	18	0	0	19	3	0	3	0	6	0	50	3	0	53	0	0	0	0	0	78
10:00 AM	0	2	0	0	2	0	0	0	0	0	0	6	1	0	7	0	0	0	0	0	9
10:15 AM	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	7
10:30 AM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
10:45 AM	0	8	0	0	8	1	0	0	0	1	0	6	0	0	6	0	0	0	0	0	15
Total	0	16	0	0	16	1	0	0	0	1	0	18	1	0	19	0	0	0	0	0	36
11:00 AM	0	4	0	0	4	0	0	0	0	0	0	5	1	0	6	0	0	0	0	0	10
11:15 AM	0	5	0	0	5	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	13
11:30 AM	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	9
11:45 AM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
Total	0	18	0	0	18	0	0	0	0	0	0	20	1	0	21	0	0	0	0	0	39
12:00 PM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	5
12:15 PM	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	8
12:30 PM	0	2	0	0	2	0	0	1	0	1	0	9	0	0	9	0	0	0	0	0	12
12:45 PM	1	8	0	0	9	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	13
Total	1	14	0	0	15	0	0	1	0	1	0	22	0	0	22	0	0	0	0	0	38
01:00 PM	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	11
01:15 PM	0	2	0	0	2	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	4
01:30 PM	0	7	0	0	7	0	0	0	0	0	1	3	1	0	5	0	0	0	0	0	12
01:45 PM	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	9
Total	0	19	0	0	19	1	0	0	0	1	1	14	1	0	16	0	0	0	0	0	36
02:00 PM	0	3	0	0	3	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	8
02:15 PM	0	7	0	0	7	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	10
02:30 PM	0	3	0	0	3	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	7
02:45 PM	0	2	0	0	2	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	8
Total	0	15	0	0	15	1	0	0	0	1	0	15	2	0	17	0	0	0	0	0	33
03:00 PM	0	1	0	0	1	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	8
03:15 PM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	5
03:30 PM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	6
03:45 PM	0	5	0	0	5	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	9
Total	0	12	0	0	12	0	0	0	0	0	0	16	0	0	16	0	0	0	0	0	28
04:00 PM	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	7
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
04:45 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
Total	0	7	0	0	7	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	14
05:00 PM	0	4	0	0	4	0	0	0	0	0	0	1	2	0	3	0	0	0	0	0	7
05:15 PM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
05:30 PM	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
05:45 PM	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	0	11	0	0	11	2	0	0	0	2	0	1	2	0	3	0	0	0	0	0	16
06:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	8
Grand Total	2	163	0	0	165	10	0	5	0	15	1	215	14	0	230	0	0	0	0	0	410
Approch %	1.2	98.8	0	0		66.7	0	33.3	0		0.4	93.5	6.1	0		0	0	0	0		
Total %	0.5	39.8	0	0	40.2	2.4	0	1.2	0	3.7	0.2	52.4	3.4	0	56.1	0	0	0	0	0	

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
09:00 AM	0	4	0	0	4	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	13
09:15 AM	1	4	0	0	5	2	0	1	0	3	0	14	2	0	16	0	0	0	0	0	24
09:30 AM	0	3	0	0	3	1	0	0	0	1	0	14	0	0	14	0	0	0	0	0	18
09:45 AM	0	7	0	0	7	0	0	2	0	2	0	13	1	0	14	0	0	0	0	0	23
Total Volume	1	18	0	0	19	3	0	3	0	6	0	50	3	0	53	0	0	0	0	0	78
% App. Total	5.3	94.7	0	0		50	0	50	0		0	94.3	5.7	0		0	0	0	0		
PHF	.250	.643	.000	.000	.679	.375	.000	.375	.500	.500	.000	.893	.375	.828	.000	.000	.000	.000	.000	.000	.813

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 12:15 PM

12:15 PM	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	8
12:30 PM	0	2	0	0	2	0	0	1	0	1	0	9	0	0	9	0					

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
06:30 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
06:45 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
Total	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	6
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
Total	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	6
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
08:15 AM	0	1	0	0	1	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	4
08:30 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
08:45 AM	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	7
Total	0	5	0	0	5	1	0	0	0	1	0	8	0	0	8	0	0	0	0	0	0	14
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	6
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
09:45 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	6
Total	0	2	0	0	2	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	14
10:00 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
10:15 AM	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
10:30 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
Total	1	3	0	0	4	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	12
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	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	0	0	0	0	0
11:45 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
Total	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
12:00 PM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
12:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
Total	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	10
01:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	3
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
01:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
Total	0	3	0	0	3	0	0	0	0	0	0	2	2	0	4	0	0	0	0	0	0	7
02:00 PM	0	2	0	0	2	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	4
02:15 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
02:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
02:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	6	0	0	6	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	0	11
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
03:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
Total	0	2	0	0	2	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	5
04:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	5
05:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
06:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	0	0	0	0	0
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
Grand Total	1	37	0	0	38	1	0	1	0	2	0	54	4	0	58	0	0	0	0	0	0	98
Apprch %	2.6	97.4	0	0		50	0	50	0		0	93.1	6.9	0		0	0	0	0			
Total %	1	37.8	0	0	38.8	1	0	1	0	2	0	55.1	4.1	0	59.2	0	0	0	0	0	0	

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
08:15 AM	0	1	0	0	1	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	0	4
08:30 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
08:45 AM	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	7
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	6
Total Volume	0	5	0	0	5	1	0	0	0	1	0	13	0	0	13	0	0	0	0	0	0	19
% App. Total	0	100	0	0		100	0	0	0		0	100	0	0		0	0	0	0			
PHF	.000	.417	.000	.000	.417	.250	.000	.000	.000	.250	.000	.542	.000	.542	.000	.000	.000	.000	.000	.000	.679	

Peak Hour Analysis From 06:0

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
10:00 AM	0	0	0	0	0	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	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	0	0	0	1	1
10:45 AM	0	0	0	0	0	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	0	0	0	1	1
11:00 AM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	2
11:15 AM	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2
11:30 AM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	1	1	4
12:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	0	0	0	0	1
04:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
05:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	0	0	0	0	0

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	4	4	0	0	0	0	0	0	0	0	3	3	7	7
Apprch %	0	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	100	100	0	0
Total %	0	0	0	0	0	0	0	0	57.1	57.1	0	0	0	0	0	0	0	0	42.9	42.9	0	0

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	4	100	0	0	104	10	0	6	0	16	0	314	4	0	318	0	0	0	0	0	438
06:15 AM	2	112	0	1	115	20	0	6	0	26	0	395	0	0	395	1	0	0	0	0	537
06:30 AM	1	104	0	0	105	30	0	8	0	38	0	397	2	0	399	0	0	0	0	0	542
06:45 AM	1	131	0	0	132	22	0	16	0	38	0	453	7	0	460	0	0	0	0	0	630
Total	8	447	0	1	456	82	0	36	0	118	0	1559	13	0	1572	1	0	0	0	0	2147
07:00 AM	7	163	0	0	170	12	0	18	0	30	0	476	10	0	486	0	0	0	0	0	686
07:15 AM	2	161	0	0	163	25	0	14	0	39	0	501	3	0	504	0	0	0	0	0	706
07:30 AM	3	159	0	0	162	17	0	22	0	39	0	481	4	0	485	0	0	0	0	0	686
07:45 AM	4	125	0	0	129	23	0	21	0	44	0	465	6	0	471	0	0	0	0	0	644
Total	16	608	0	0	624	77	0	75	0	152	0	1923	23	0	1946	0	0	0	0	0	2722
08:00 AM	1	206	0	0	207	11	0	10	0	21	0	473	9	0	482	0	0	0	0	0	710
08:15 AM	3	198	0	0	201	30	0	10	0	40	0	342	2	0	344	0	0	0	0	0	585
08:30 AM	6	183	0	0	189	24	0	15	0	39	0	335	11	0	346	0	0	0	0	0	574
08:45 AM	3	146	0	0	149	18	0	16	0	34	0	439	12	0	451	0	0	0	0	0	634
Total	13	733	0	0	746	83	0	51	0	134	0	1589	34	0	1623	0	0	0	0	0	2503
09:00 AM	4	132	0	0	136	12	0	9	0	21	0	518	10	0	528	0	0	0	0	0	685
09:15 AM	3	106	0	0	109	16	0	13	0	29	0	487	11	0	498	0	0	0	0	0	636
09:30 AM	4	162	0	0	166	15	0	9	0	24	0	390	5	0	395	0	0	0	0	0	585
09:45 AM	4	143	0	0	147	11	0	9	0	20	0	295	10	0	305	0	0	0	0	0	472
Total	15	543	0	0	558	54	0	40	0	94	0	1690	36	0	1726	0	0	0	0	0	2378
10:00 AM	2	136	0	0	138	9	0	9	0	18	0	223	7	0	230	0	0	0	0	0	386
10:15 AM	6	153	0	0	159	18	0	11	0	29	0	218	3	0	221	0	0	0	0	0	409
10:30 AM	5	150	0	0	155	6	0	6	0	12	0	182	9	0	191	0	0	1	0	1	359
10:45 AM	6	165	0	0	171	12	0	6	1	19	0	169	8	0	177	0	0	0	0	0	367
Total	19	604	0	0	623	45	0	32	1	78	0	792	27	0	819	0	0	1	0	1	1521
11:00 AM	1	163	0	1	165	8	0	8	0	16	0	151	4	0	155	1	0	0	0	0	337
11:15 AM	5	211	0	0	216	14	0	8	0	22	0	186	5	0	191	1	0	0	0	0	430
11:30 AM	2	194	0	0	196	16	0	14	0	30	0	190	5	0	195	0	0	0	0	0	421
11:45 AM	3	192	0	0	195	16	0	9	0	25	0	171	9	0	180	0	0	0	0	0	400
Total	11	760	0	1	772	54	0	39	0	93	0	698	23	0	721	2	0	0	0	0	1588
12:00 PM	2	195	0	0	197	6	0	13	0	19	0	162	9	0	171	0	0	0	0	0	387
12:15 PM	3	204	0	0	207	18	0	7	0	25	0	192	11	0	203	0	0	0	0	0	435
12:30 PM	5	185	0	0	190	11	0	6	0	17	0	171	10	0	181	0	0	0	0	0	388
12:45 PM	6	204	0	0	210	6	0	12	0	18	0	167	9	0	176	0	0	0	0	0	404
Total	16	788	0	0	804	41	0	38	0	79	0	692	39	0	731	0	0	0	0	0	1614
01:00 PM	4	161	0	0	165	12	0	6	0	18	0	195	10	0	205	0	0	0	0	0	388
01:15 PM	6	188	0	0	194	15	0	7	0	22	0	165	16	0	181	0	0	0	0	0	397
01:30 PM	1	190	0	0	191	12	0	9	0	21	1	160	8	0	169	0	0	1	0	1	382
01:45 PM	4	213	0	0	217	12	0	7	0	19	0	162	5	0	167	0	0	0	0	0	403
Total	15	752	0	0	767	51	0	29	0	80	1	682	39	0	722	0	0	1	0	1	1570
02:00 PM	3	211	0	0	214	16	0	7	0	23	0	165	11	0	176	0	1	0	0	1	414
02:15 PM	5	218	0	0	223	9	0	9	0	18	0	160	16	0	176	0	0	0	0	0	417
02:30 PM	5	228	0	0	233	13	0	3	1	17	0	206	16	0	222	0	0	0	0	0	472
02:45 PM	7	294	0	0	301	16	0	9	0	25	0	184	8	0	192	0	0	0	0	0	518
Total	20	951	0	0	971	54	0	28	1	83	0	715	51	0	766	0	1	0	0	1	1821
03:00 PM	5	325	0	0	330	12	0	12	0	24	0	197	14	0	211	0	0	0	0	0	565
03:15 PM	4	374	0	0	378	18	0	13	0	31	1	178	7	0	186	0	0	1	0	1	596
03:30 PM	5	408	0	0	413	14	0	7	0	21	0	182	15	0	197	0	0	0	0	0	631
03:45 PM	5	391	0	0	396	18	0	18	0	36	0	195	17	0	212	0	0	0	0	0	644
Total	19	1498	0	0	1517	62	0	50	0	112	1	752	53	0	806	0	0	1	0	1	2436
04:00 PM	5	582	1	0	588	10	0	12	0	22	0	192	22	0	214	0	0	1	0	1	825
04:15 PM	6	527	0	0	533	14	0	8	0	22	0	195	16	0	211	0	0	0	0	0	766
04:30 PM	15	527	0	0	542	17	0	12	0	29	0	191	13	0	204	0	0	0	0	0	775
04:45 PM	12	556	0	0	568	22	0	11	0	33	0	220	11	0	231	0	1	0	0	1	833
Total	38	2192	1	0	2231	63	0	43	0	106	0	798	62	0	860	0	1	1	0	2	3199
05:00 PM	7	542	0	1	550	23	0	14	0	37	0	227	17	0	244	0	0	0	0	0	831
05:15 PM	10	495	0	0	505	20	0	13	0	33	0	210	12	0	222	0	0	0	0	0	760
05:30 PM	9	449	0	0	458	20	0	9	0	29	0	168	19	0	187	0	0	0	0	0	674
05:45 PM	9	354	0	1	364	21	0	15	0	36	0	224	8	0	232	0	0	1	0	1	633
Total	35	1840	0	2	1877	84	0	51	0	135	0	829	56	0	885	0	0	1	0	1	2898
06:00 PM	9	364	0	0	373	25	0	14	0	39	0	155	18	0	173	0	0	0	0	0	585

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Coachman Cir Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	5	274	0	0	279	17	0	11	0	28	0	173	17	0	190	0	0	1	0	0	498
06:30 PM	7	248	0	0	255	16	0	11	0	27	0	194	24	0	218	0	0	0	0	0	500
06:45 PM	5	231	0	0	236	18	0	12	0	30	0	170	11	0	181	0	0	0	0	0	447
Total	26	1117	0	0	1143	76	0	48	0	124	0	692	70	0	762	0	0	1	0	1	2030
Grand Total	251	12833	1	4	13089	826	0	560	2	1388	2	13411	526	0	13939	3	2	6	0	11	28427
Approch %	1.9	98	0	0	59.5	0	40.3	0.1	0	96.2	3.8	0	27.3	18.2	54.5	0	0	0	0	0	0
Total %	0.9	45.1	0	0	2.9	0	2	0	4.9	0	47.2	1.9	0	49	0	0	0	0	0	0	0
Cars	244	12522	1	4	12771	815	0	552	2	1369	1	13042	500	0	13543	3	2	6	0	11	27694
% Cars	97.2	97.6	100	100	97.6	98.7	0	98.6	100	98.6	50	97.2	95.1	0	97.2	100	100	100	0	100	97.4
Buses	4	111	0	0	115	0	0	2	0	2	0	100	8	0	108	0	0	0	0	0	225
% Buses	1.6	0.9	0	0	0.9	0	0	0.4	0	0.1	0	0.7	1.5	0	0.8	0	0	0	0		

Groups Printed- Cars

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:00 AM	74	23	0	97	257	314	0	571	0	0	0	0	668
06:15 AM	106	33	0	139	239	397	0	636	0	0	0	0	775
06:30 AM	109	27	0	136	273	403	0	676	0	0	0	0	812
06:45 AM	132	14	0	146	237	441	0	678	0	0	0	0	824
Total	421	97	0	518	1006	1555	0	2561	0	0	0	0	3079
07:00 AM	158	22	0	180	205	506	0	711	0	0	0	0	891
07:15 AM	156	32	0	188	196	503	0	699	0	0	0	0	887
07:30 AM	154	23	0	177	198	489	0	687	0	0	0	0	864
07:45 AM	124	18	0	142	167	488	0	655	0	0	0	0	797
Total	592	95	0	687	766	1986	0	2752	0	0	0	0	3439
08:00 AM	185	20	0	205	140	446	0	586	0	0	0	0	791
08:15 AM	195	17	0	212	144	323	0	467	0	0	0	0	679
08:30 AM	179	16	0	195	99	339	0	438	0	0	0	0	633
08:45 AM	156	5	0	161	74	452	0	526	0	0	0	0	687
Total	715	58	0	773	457	1560	0	2017	0	0	0	0	2790
09:00 AM	127	7	0	134	52	493	1	546	0	0	0	0	680
09:15 AM	108	7	0	115	52	458	0	510	0	0	0	0	625
09:30 AM	160	11	0	171	69	335	0	404	0	0	0	0	575
09:45 AM	140	9	0	149	54	272	0	326	0	0	0	0	475
Total	535	34	0	569	227	1558	1	1786	0	0	0	0	2355
10:00 AM	145	6	0	151	61	226	0	287	0	0	0	0	438
10:15 AM	159	8	0	167	62	209	0	271	0	0	0	0	438
10:30 AM	149	6	0	155	65	188	0	253	0	0	0	0	408
10:45 AM	170	5	0	175	66	185	0	251	0	0	0	0	426
Total	623	25	0	648	254	808	0	1062	0	0	0	0	1710
11:00 AM	170	6	0	176	60	165	0	225	0	0	0	0	401
11:15 AM	217	8	0	225	66	204	0	270	0	0	0	0	495
11:30 AM	196	10	0	206	57	211	0	268	0	0	0	0	474
11:45 AM	199	5	0	204	46	190	0	236	0	0	0	0	440
Total	782	29	0	811	229	770	0	999	0	0	0	0	1810
12:00 PM	199	6	0	205	56	190	1	247	0	0	0	0	452
12:15 PM	222	5	0	227	69	186	0	255	0	0	0	0	482
12:30 PM	182	8	0	190	67	194	0	261	0	0	0	0	451
12:45 PM	200	4	0	204	56	210	0	266	0	0	0	0	470
Total	803	23	0	826	248	780	1	1029	0	0	0	0	1855
01:00 PM	167	5	0	172	44	188	0	232	0	0	0	0	404
01:15 PM	187	7	0	194	55	192	0	247	0	0	0	0	441
01:30 PM	184	10	0	194	56	166	0	222	0	0	0	0	416
01:45 PM	211	4	0	215	50	175	0	225	0	0	0	0	440
Total	749	26	0	775	205	721	0	926	0	0	0	0	1701
02:00 PM	218	9	0	227	46	184	0	230	0	0	0	0	457
02:15 PM	218	2	0	220	55	167	0	222	0	0	0	0	442
02:30 PM	236	4	0	240	40	216	0	256	0	0	0	0	496
02:45 PM	301	6	0	307	44	196	0	240	0	0	0	0	547
Total	973	21	0	994	185	763	0	948	0	0	0	0	1942
03:00 PM	346	8	0	354	63	223	1	287	0	5	0	5	646
03:15 PM	371	25	0	396	52	186	0	238	0	0	0	0	634
03:30 PM	411	20	0	431	49	204	0	253	0	0	0	0	684
03:45 PM	386	17	0	403	45	214	0	259	0	0	0	0	662
Total	1514	70	0	1584	209	827	1	1037	0	5	0	5	2626
04:00 PM	578	11	0	589	42	212	0	254	0	0	0	0	843
04:15 PM	538	4	0	542	85	202	0	287	0	0	0	0	829
04:30 PM	533	8	0	541	60	232	0	292	0	0	0	0	833
04:45 PM	561	6	0	567	54	254	0	308	0	0	0	0	875
Total	2210	29	0	2239	241	900	0	1141	0	0	0	0	3380
05:00 PM	559	14	0	573	83	244	0	327	0	0	0	0	900
05:15 PM	516	5	0	521	72	250	0	322	0	0	0	0	843
05:30 PM	488	5	0	493	78	234	0	312	0	0	0	0	805
05:45 PM	376	8	0	384	70	245	2	317	0	0	0	0	701
Total	1939	32	0	1971	303	973	2	1278	0	0	0	0	3249
06:00 PM	379	6	0	385	68	192	0	260	0	0	0	0	645

Groups Printed- Cars

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:15 PM	283	9	0	292	63	213	0	276	0	0	0	0	568
06:30 PM	276	5	0	281	47	235	0	282	0	0	0	0	563
06:45 PM	252	2	0	254	34	197	0	231	0	0	0	0	485
Total	1190	22	0	1212	212	837	0	1049	0	0	0	0	2261
Grand Total	13046	561	0	13607	4542	14038	5	18585	0	5	0	5	32197
Apprch %	95.9	4.1	0		24.4	75.5	0		0	100	0		
Total %	40.5	1.7	0	42.3	14.1	43.6	0	57.7	0	0	0	0	

Start Time	Rt 1 Southbound			Rt 1 Northbound			I-95 On-Ramp Eastbound			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
06:45 AM	132	14	146	237	441	678	0	0	0	824
07:00 AM	158	22	180	205	506	711	0	0	0	891
07:15 AM	156	32	188	196	503	699	0	0	0	887
07:30 AM	154	23	177	198	489	687	0	0	0	864
07:45 AM	124	18	142	167	488	655	0	0	0	797
Total Volume	600	91	691	836	1939	2775	0	0	0	3466
% App. Total	86.8	13.2		30.1	69.9		0	0		
PHF	.949	.711	.919	.882	.958	.976	.000	.000	.000	.973

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 06:45 AM

04:30 PM	533	8	541	60	232	292	0	0	0	833
04:45 PM	561	6	567	54	254	308	0	0	0	875
05:00 PM	559	14	573	83	244	327	0	0	0	900
05:15 PM	516	5	521	72	250	322	0	0	0	843
Total Volume	2169	33	2202	269	980	1249	0	0	0	3451
% App. Total	98.5	1.5		21.5	78.5		0	0		
PHF	.967	.589	.961	.810	.965	.955	.000	.000	.000	.959

Groups Printed- Buses

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:00 AM	2	0	0	2	1	0	0	1	0	0	0	0	3
06:15 AM	0	0	0	0	0	4	0	4	0	0	0	0	4
06:30 AM	0	0	0	0	0	4	0	4	0	0	0	0	4
06:45 AM	12	0	0	12	0	3	0	3	0	0	0	0	15
Total	14	0	0	14	1	11	0	12	0	0	0	0	26
07:00 AM	1	0	0	1	0	4	0	4	0	0	0	0	5
07:15 AM	4	0	0	4	0	8	0	8	0	0	0	0	12
07:30 AM	0	0	0	0	1	6	0	7	0	0	0	0	7
07:45 AM	6	0	0	6	0	6	0	6	0	0	0	0	12
Total	11	0	0	11	1	24	0	25	0	0	0	0	36
08:00 AM	6	0	0	6	0	4	0	4	0	0	0	0	10
08:15 AM	5	0	0	5	0	3	0	3	0	0	0	0	8
08:30 AM	5	0	0	5	0	4	0	4	0	0	0	0	9
08:45 AM	2	0	0	2	1	3	0	4	0	0	0	0	6
Total	18	0	0	18	1	14	0	15	0	0	0	0	33
09:00 AM	4	0	0	4	0	1	0	1	0	0	0	0	5
09:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	1
09:30 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
09:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	6	0	0	6	0	2	0	2	0	0	0	0	8
10:00 AM	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
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	1	0	0	1	0	0	0	0	0	0	0	0	1
11:00 AM	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
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45 AM	2	0	0	2	0	1	0	1	0	0	0	0	3
Total	2	0	0	2	0	1	0	1	0	0	0	0	3
12:00 PM	0	0	0	0	0	1	0	1	0	0	0	0	1
12:15 PM	2	0	0	2	0	2	0	2	0	0	0	0	4
12:30 PM	0	0	0	0	0	2	0	2	0	0	0	0	2
12:45 PM	2	0	0	2	0	0	0	0	0	0	0	0	2
Total	4	0	0	4	0	5	0	5	0	0	0	0	9
01:00 PM	0	0	0	0	0	4	0	4	0	0	0	0	4
01:15 PM	3	0	0	3	0	2	0	2	0	0	0	0	5
01:30 PM	3	0	0	3	0	1	0	1	0	0	0	0	4
01:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	1
Total	6	0	0	6	0	8	0	8	0	0	0	0	14
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	0	0	0	0	0	1	0	1	0	0	0	0	1
02:30 PM	1	0	0	1	0	13	0	13	0	0	0	0	14
02:45 PM	1	0	0	1	0	8	0	8	0	0	0	0	9
Total	2	0	0	2	0	22	0	22	0	0	0	0	24
03:00 PM	6	0	0	6	0	4	0	4	0	0	0	0	10
03:15 PM	6	0	0	6	1	4	0	5	0	0	0	0	11
03:30 PM	9	0	0	9	0	6	0	6	0	0	0	0	15
03:45 PM	2	0	0	2	0	1	0	1	0	0	0	0	3
Total	23	0	0	23	1	15	0	16	0	0	0	0	39
04:00 PM	3	0	0	3	0	2	0	2	0	0	0	0	5
04:15 PM	4	0	0	4	0	4	0	4	0	0	0	0	8
04:30 PM	4	0	0	4	0	4	0	4	0	0	0	0	8
04:45 PM	4	0	0	4	0	0	0	0	0	0	0	0	4
Total	15	0	0	15	0	10	0	10	0	0	0	0	25
05:00 PM	1	0	0	1	0	1	0	1	0	0	0	0	2
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
05:30 PM	1	0	0	1	0	1	0	1	0	0	0	0	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	0	0	2	0	2	0	2	0	0	0	0	4
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0

Groups Printed- Buses

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:15 PM	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
06:45 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
Total	1	0	0	1	0	0	0	0	0	0	0	0	1
Grand Total	105	0	0	105	4	114	0	118	0	0	0	0	223
Apprch %	100	0	0		3.4	96.6	0		0	0	0	0	
Total %	47.1	0	0	47.1	1.8	51.1	0	52.9	0	0	0	0	

Start Time	Rt 1 Southbound			Rt 1 Northbound			I-95 On-Ramp Eastbound			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
07:15 AM	4	0	4	0	8	8	0	0	0	12
07:30 AM	0	0	0	1	6	7	0	0	0	7
07:45 AM	6	0	6	0	6	6	0	0	0	12
08:00 AM	6	0	6	0	4	4	0	0	0	10
Total Volume	16	0	16	1	24	25	0	0	0	41
% App. Total	100	0		4	96		0	0	0	
PHF	.667	.000	.667	.250	.750	.781	.000	.000	.000	.854

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

02:45 PM	1	0	1	0	8	8	0	0	0	9
03:00 PM	6	0	6	0	4	4	0	0	0	10
03:15 PM	6	0	6	1	4	5	0	0	0	11
03:30 PM	9	0	9	0	6	6	0	0	0	15
Total Volume	22	0	22	1	22	23	0	0	0	45
% App. Total	100	0		4.3	95.7		0	0	0	
PHF	.611	.000	.611	.250	.688	.719	.000	.000	.000	.750

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:00 AM	3	0	0	3	1	2	0	3	0	0	0	0	6
06:15 AM	1	0	0	1	1	5	0	6	0	0	0	0	7
06:30 AM	0	0	0	0	1	6	0	7	0	0	0	0	7
06:45 AM	0	1	0	1	1	4	0	5	0	0	0	0	6
Total	4	1	0	5	4	17	0	21	0	0	0	0	26
07:00 AM	3	0	0	3	1	1	0	2	0	0	0	0	5
07:15 AM	3	0	0	3	1	5	0	6	0	0	0	0	9
07:30 AM	6	0	0	6	3	4	0	7	0	0	0	0	13
07:45 AM	2	0	0	2	2	5	0	7	0	0	0	0	9
Total	14	0	0	14	7	15	0	22	0	0	0	0	36
08:00 AM	3	0	0	3	4	1	0	5	0	0	0	0	8
08:15 AM	6	0	0	6	4	7	0	11	0	0	0	0	17
08:30 AM	7	0	0	7	4	5	0	9	0	0	0	0	16
08:45 AM	5	0	0	5	2	7	0	9	0	0	0	0	14
Total	21	0	0	21	14	20	0	34	0	0	0	0	55
09:00 AM	4	0	0	4	2	9	0	11	0	0	0	0	15
09:15 AM	6	0	0	6	0	15	0	15	0	0	0	0	21
09:30 AM	4	0	0	4	0	14	0	14	0	0	0	0	18
09:45 AM	4	0	0	4	2	14	0	16	0	0	0	0	20
Total	18	0	0	18	4	52	0	56	0	0	0	0	74
10:00 AM	2	0	0	2	0	8	0	8	0	0	0	0	10
10:15 AM	2	0	0	2	0	4	0	4	0	0	0	0	6
10:30 AM	3	0	0	3	3	3	0	6	0	0	0	0	9
10:45 AM	8	0	0	8	1	6	0	7	0	0	0	0	15
Total	15	0	0	15	4	21	0	25	0	0	0	0	40
11:00 AM	2	0	0	2	0	6	0	6	0	0	0	0	8
11:15 AM	5	0	0	5	0	7	0	7	0	0	0	0	12
11:30 AM	4	0	0	4	0	5	0	5	0	0	0	0	9
11:45 AM	4	1	0	5	2	2	0	4	0	0	0	0	9
Total	15	1	0	16	2	20	0	22	0	0	0	0	38
12:00 PM	2	0	0	2	1	4	0	5	0	0	0	0	7
12:15 PM	3	0	0	3	1	7	0	8	0	0	0	0	11
12:30 PM	4	0	0	4	0	8	0	8	0	0	0	0	12
12:45 PM	8	0	0	8	0	4	0	4	0	0	0	0	12
Total	17	0	0	17	2	23	0	25	0	0	0	0	42
01:00 PM	6	0	0	6	1	2	0	3	0	0	0	0	9
01:15 PM	3	0	0	3	1	1	0	2	0	0	0	0	5
01:30 PM	7	0	0	7	0	3	0	3	0	0	0	0	10
01:45 PM	3	1	0	4	0	7	0	7	0	0	0	0	11
Total	19	1	0	20	2	13	0	15	0	0	0	0	35
02:00 PM	2	1	0	3	2	5	0	7	0	0	0	0	10
02:15 PM	8	1	0	9	0	4	0	4	0	0	0	0	13
02:30 PM	2	0	0	2	1	4	0	5	0	0	0	0	7
02:45 PM	5	0	0	5	1	4	0	5	0	0	0	0	10
Total	17	2	0	19	4	17	0	21	0	0	0	0	40
03:00 PM	0	0	0	0	0	7	0	7	0	0	0	0	7
03:15 PM	0	0	0	0	1	3	0	4	0	0	0	0	4
03:30 PM	2	0	0	2	0	2	0	2	0	0	0	0	4
03:45 PM	4	0	0	4	0	5	0	5	0	0	0	0	9
Total	6	0	0	6	1	17	0	18	0	0	0	0	24
04:00 PM	3	0	0	3	1	4	0	5	0	0	0	0	8
04:15 PM	3	0	0	3	2	2	0	4	0	0	0	0	7
04:30 PM	3	0	0	3	1	2	0	3	0	0	0	0	6
04:45 PM	1	0	0	1	1	1	0	2	0	0	0	0	3
Total	10	0	0	10	5	9	0	14	0	0	0	0	24
05:00 PM	5	0	0	5	1	3	0	4	0	0	0	0	9
05:15 PM	2	0	0	2	0	0	0	0	0	0	0	0	2
05:30 PM	2	0	0	2	2	1	0	3	0	0	0	0	5
05:45 PM	4	0	0	4	0	0	0	0	0	0	0	0	4
Total	13	0	0	13	3	4	0	7	0	0	0	0	20
06:00 PM	1	0	0	1	0	2	0	2	0	0	0	0	3

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:15 PM	1	0	0	1	2	0	0	2	0	0	0	0	3
06:30 PM	2	0	0	2	1	3	0	4	0	0	0	0	6
06:45 PM	0	0	0	0	1	1	0	2	0	0	0	0	2
Total	4	0	0	4	4	6	0	10	0	0	0	0	14
Grand Total	173	5	0	178	56	234	0	290	0	0	0	0	468
Apprch %	97.2	2.8	0		19.3	80.7	0		0	0	0	0	
Total %	37	1.1	0	38	12	50	0	62	0	0	0	0	

Start Time	Rt 1 Southbound			Rt 1 Northbound			I-95 On-Ramp Eastbound			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
09:00 AM	4	0	4	2	9	11	0	0	0	15
09:15 AM	6	0	6	0	15	15	0	0	0	21
09:30 AM	4	0	4	0	14	14	0	0	0	18
09:45 AM	4	0	4	2	14	16	0	0	0	20
Total Volume	18	0	18	4	52	56	0	0	0	74
% App. Total	100	0		7.1	92.9		0	0	0	
PHF	.750	.000	.750	.500	.867	.875	.000	.000	.000	.881

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 09:00 AM

09:00 AM	4	0	4	2	9	11	0	0	0	15
09:15 AM	6	0	6	0	15	15	0	0	0	21
09:30 AM	4	0	4	0	14	14	0	0	0	18
09:45 AM	4	0	4	2	14	16	0	0	0	20
Total Volume	18	0	18	4	52	56	0	0	0	74
% App. Total	100	0		7.1	92.9		0	0	0	
PHF	.750	.000	.750	.500	.867	.875	.000	.000	.000	.881

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 12:15 PM

12:15 PM	3	0	3	1	7	8	0	0	0	11
12:30 PM	4	0	4	0	8	8	0	0	0	12
12:45 PM	8	0	8	0	4	4	0	0	0	12
01:00 PM	6	0	6	1	2	3	0	0	0	9
Total Volume	21	0	21	2	21	23	0	0	0	44
% App. Total	100	0		8.7	91.3		0	0	0	
PHF	.656	.000	.656	.500	.656	.719	.000	.000	.000	.917

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	1
06:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	1
06:30 AM	1	0	0	1	0	2	0	2	0	0	0	0	3
06:45 AM	1	0	0	1	3	1	0	4	0	0	0	0	5
Total	2	0	0	2	3	5	0	8	0	0	0	0	10
07:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	1
07:15 AM	1	0	0	1	1	2	0	3	0	0	0	0	4
07:30 AM	1	0	0	1	0	1	0	1	0	0	0	0	2
07:45 AM	0	0	0	0	1	3	0	4	0	0	0	0	4
Total	2	0	0	2	2	7	0	9	0	0	0	0	11
08:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	1
08:15 AM	3	0	0	3	0	0	0	0	0	0	0	0	3
08:30 AM	1	0	0	1	1	0	0	1	0	0	0	0	2
08:45 AM	2	0	0	2	0	4	0	4	0	0	0	0	6
Total	6	0	0	6	1	5	0	6	0	0	0	0	12
09:00 AM	0	0	0	0	0	8	0	8	0	0	0	0	8
09:15 AM	0	0	0	0	0	1	0	1	0	0	0	0	1
09:30 AM	0	0	0	0	1	3	0	4	0	0	0	0	4
09:45 AM	2	0	0	2	0	3	0	3	0	0	0	0	5
Total	2	0	0	2	1	15	0	16	0	0	0	0	18
10:00 AM	0	0	0	0	1	1	0	2	0	0	0	0	2
10:15 AM	1	0	0	1	0	0	0	0	0	0	0	0	1
10:30 AM	0	0	0	0	0	3	0	3	0	0	0	0	3
10:45 AM	0	0	0	0	0	3	0	3	0	0	0	0	3
Total	1	0	0	1	1	7	0	8	0	0	0	0	9
11:00 AM	0	0	0	0	0	1	0	1	0	0	0	0	1
11:15 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
11:30 AM	0	0	0	0	1	0	0	1	0	0	0	0	1
11:45 AM	2	0	0	2	0	1	0	1	0	0	0	0	3
Total	2	0	0	2	2	2	0	4	0	0	0	0	6
12:00 PM	2	0	0	2	1	3	0	4	0	0	0	0	6
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30 PM	2	0	0	2	0	0	0	0	0	0	0	0	2
12:45 PM	1	0	0	1	0	2	0	2	0	0	0	0	3
Total	5	0	0	5	1	5	0	6	0	0	0	0	11
01:00 PM	1	0	0	1	1	2	0	3	0	0	0	0	4
01:15 PM	0	0	0	0	3	0	0	3	0	0	0	0	3
01:30 PM	2	0	0	2	1	0	0	1	0	0	0	0	3
01:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	1
Total	3	0	0	3	5	3	0	8	0	0	0	0	11
02:00 PM	2	0	0	2	0	1	0	1	0	0	0	0	3
02:15 PM	0	0	0	0	1	1	0	2	0	0	0	0	2
02:30 PM	1	0	0	1	0	1	0	1	0	0	0	0	2
02:45 PM	1	1	0	2	0	1	0	1	0	0	0	0	3
Total	4	1	0	5	1	4	0	5	0	0	0	0	10
03:00 PM	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
03:30 PM	1	0	0	1	0	2	0	2	0	0	0	0	3
03:45 PM	1	0	0	1	0	1	0	1	0	0	0	0	2
Total	2	0	0	2	0	3	0	3	0	0	0	0	5
04:00 PM	2	0	0	2	0	0	0	0	0	0	0	0	2
04:15 PM	0	0	0	0	0	2	0	2	0	0	0	0	2
04:30 PM	1	0	0	1	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	0	0	3	0	2	0	2	0	0	0	0	5
05:00 PM	1	1	0	2	2	0	0	2	0	0	0	0	4
05:15 PM	0	0	0	0	1	0	0	1	0	0	0	0	1
05:30 PM	0	0	0	0	0	1	0	1	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	1	0	2	3	1	0	4	0	0	0	0	6
06:00 PM	1	0	0	1	1	0	0	1	0	0	0	0	2

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:15 PM	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
06:45 PM	0	0	0	0	0	1	0	1	0	0	0	0	1
Total	1	0	0	1	1	1	0	2	0	0	0	0	3
Grand Total	34	2	0	36	21	60	0	81	0	0	0	0	117
Apprch %	94.4	5.6	0		25.9	74.1	0		0	0	0	0	
Total %	29.1	1.7	0	30.8	17.9	51.3	0	69.2	0	0	0	0	

Start Time	Rt 1 Southbound			Rt 1 Northbound			I-95 On-Ramp Eastbound			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
08:15 AM	3	0	3	0	0	0	0	0	0	3
08:30 AM	1	0	1	1	0	1	0	0	0	2
08:45 AM	2	0	2	0	4	4	0	0	0	6
09:00 AM	0	0	0	0	8	8	0	0	0	8
Total Volume	6	0	6	1	12	13	0	0	0	19
% App. Total	100	0		7.7	92.3		0	0	0	
PHF	.500	.000	.500	.250	.375	.406	.000	.000	.000	.594

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 08:15 AM

08:15 AM	3	0	3	0	0	0	0	0	0	3
08:30 AM	1	0	1	1	0	1	0	0	0	2
08:45 AM	2	0	2	0	4	4	0	0	0	6
09:00 AM	0	0	0	0	8	8	0	0	0	8
Total Volume	6	0	6	1	12	13	0	0	0	19
% App. Total	100	0		7.7	92.3		0	0	0	
PHF	.500	.000	.500	.250	.375	.406	.000	.000	.000	.594

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 12:45 PM

12:45 PM	1	0	1	0	2	2	0	0	0	3
01:00 PM	1	0	1	1	2	3	0	0	0	4
01:15 PM	0	0	0	3	0	3	0	0	0	3
01:30 PM	2	0	2	1	0	1	0	0	0	3
Total Volume	4	0	4	5	4	9	0	0	0	13
% App. Total	100	0		55.6	44.4		0	0	0	
PHF	.500	.000	.500	.417	.500	.750	.000	.000	.000	.813





Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:00 AM	79	23	0	102	259	317	0	576	0	0	0	0	678
06:15 AM	107	33	0	140	240	407	0	647	0	0	0	0	787
06:30 AM	110	27	0	137	274	415	0	689	0	0	0	0	826
06:45 AM	145	15	0	160	241	449	0	690	0	0	0	0	850
Total	441	98	0	539	1014	1588	0	2602	0	0	0	0	3141
07:00 AM	162	22	0	184	206	512	0	718	0	0	0	0	902
07:15 AM	164	32	0	196	198	518	0	716	0	0	0	0	912
07:30 AM	161	23	0	184	202	500	0	702	0	0	0	0	886
07:45 AM	132	18	0	150	170	502	0	672	0	0	0	0	822
Total	619	95	0	714	776	2032	0	2808	0	0	0	0	3522
08:00 AM	194	20	0	214	144	452	0	596	0	0	0	0	810
08:15 AM	209	17	0	226	148	333	0	481	0	0	0	0	707
08:30 AM	192	16	0	208	104	348	0	452	0	0	0	0	660
08:45 AM	165	5	0	170	77	466	0	543	0	0	0	0	713
Total	760	58	0	818	473	1599	0	2072	0	0	0	0	2890
09:00 AM	135	7	0	142	54	511	1	566	0	0	0	0	708
09:15 AM	114	7	0	121	52	475	0	527	0	0	0	0	648
09:30 AM	165	11	0	176	70	352	0	422	0	0	0	0	598
09:45 AM	147	9	0	156	56	289	0	345	0	0	0	0	501
Total	561	34	0	595	232	1627	1	1860	0	0	0	0	2455
10:00 AM	147	6	0	153	62	235	0	297	0	0	0	0	450
10:15 AM	162	8	0	170	62	213	0	275	0	0	0	0	445
10:30 AM	152	6	0	158	68	194	0	262	0	0	0	0	420
10:45 AM	179	5	0	184	67	194	0	261	0	0	0	0	445
Total	640	25	0	665	259	836	0	1095	0	0	0	0	1760
11:00 AM	172	6	0	178	60	172	0	232	0	0	0	0	410
11:15 AM	222	8	0	230	67	211	0	278	0	0	0	0	508
11:30 AM	200	10	0	210	58	216	0	274	0	0	0	0	484
11:45 AM	207	6	0	213	48	194	0	242	0	0	0	0	455
Total	801	30	0	831	233	793	0	1026	0	0	0	0	1857
12:00 PM	203	6	0	209	58	198	1	257	0	0	0	0	466
12:15 PM	227	5	0	232	70	195	0	265	0	0	0	0	497
12:30 PM	188	8	0	196	67	204	0	271	0	0	0	0	467
12:45 PM	211	4	0	215	56	216	0	272	0	0	0	0	487
Total	829	23	0	852	251	813	1	1065	0	0	0	0	1917
01:00 PM	174	5	0	179	46	196	0	242	0	0	0	0	421
01:15 PM	193	7	0	200	59	195	0	254	0	0	0	0	454
01:30 PM	196	10	0	206	57	170	0	227	0	0	0	0	433
01:45 PM	214	5	0	219	50	184	0	234	0	0	0	0	453
Total	777	27	0	804	212	745	0	957	0	0	0	0	1761
02:00 PM	222	10	0	232	48	190	0	238	0	0	0	0	470
02:15 PM	226	3	0	229	56	173	0	229	0	0	0	0	458
02:30 PM	240	4	0	244	41	234	0	275	0	0	0	0	519
02:45 PM	308	7	0	315	45	209	0	254	0	0	0	0	569
Total	996	24	0	1020	190	806	0	996	0	0	0	0	2016
03:00 PM	352	8	0	360	63	234	1	298	0	5	0	5	663
03:15 PM	377	25	0	402	54	193	0	247	0	0	0	0	649
03:30 PM	423	20	0	443	49	214	0	263	0	0	0	0	706
03:45 PM	393	17	0	410	45	221	0	266	0	0	0	0	676
Total	1545	70	0	1615	211	862	1	1074	0	5	0	5	2694
04:00 PM	586	11	0	597	43	218	0	261	0	0	0	0	858
04:15 PM	545	4	0	549	87	210	0	297	0	0	0	0	846
04:30 PM	541	8	0	549	61	238	0	299	0	0	0	0	848
04:45 PM	566	6	0	572	55	255	0	310	0	0	0	0	882
Total	2238	29	0	2267	246	921	0	1167	0	0	0	0	3434
05:00 PM	566	15	0	581	86	248	0	334	0	0	0	0	915
05:15 PM	518	5	0	523	73	250	0	323	0	0	0	0	846
05:30 PM	491	5	0	496	80	237	0	317	0	0	0	0	813
05:45 PM	380	8	0	388	70	245	2	317	0	0	0	0	705
Total	1955	33	0	1988	309	980	2	1291	0	0	0	0	3279
06:00 PM	381	6	0	387	69	194	0	263	0	0	0	0	650

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound				Rt 1 Northbound				I-95 On-Ramp Eastbound				Int. Total
	Thru	Right	U-Turn	App. Total	Left	Thru	U-Turn	App. Total	Left	Right	U-Turn	App. Total	
06:15 PM	284	9	0	293	65	213	0	278	0	0	0	0	571
06:30 PM	278	5	0	283	48	238	0	286	0	0	0	0	569
06:45 PM	253	2	0	255	35	199	0	234	0	0	0	0	489
Total	1196	22	0	1218	217	844	0	1061	0	0	0	0	2279
Grand Total	13358	568	0	13926	4623	14446	5	19074	0	5	0	5	33005
Apprch %	95.9	4.1	0		24.2	75.7	0		0	100	0		
Total %	40.5	1.7	0	42.2	14	43.8	0	57.8	0	0	0	0	
Cars	13046	561	0	13607	4542	14038	5	18585	0	5	0	5	32197
% Cars	97.7	98.8	0	97.7	98.2	97.2	100	97.4	0	100	0	100	97.6
Buses	105	0	0	105	4	114	0	118	0	0	0	0	223
% Buses	0.8	0	0	0.8	0.1	0.8	0	0.6	0	0	0	0	0.7
Single-Unit Trucks	173	5	0	178	56	234	0	290	0	0	0	0	468
% Single-Unit Trucks	1.3	0.9	0	1.3	1.2	1.6	0	1.5	0	0	0	0	1.4
Articulated Trucks	34	2	0	36	21	60	0	81	0	0	0	0	117
% Articulated Trucks	0.3	0.4	0	0.3	0.5	0.4	0	0.4	0	0	0	0	0.4

Start Time	Rt 1 Southbound			Rt 1 Northbound			I-95 On-Ramp Eastbound			Int. Total
	Thru	Right	App. Total	Left	Thru	App. Total	Left	Right	App. Total	
06:45 AM	145	15	160	241	449	690	0	0	0	850
07:00 AM	162	22	184	206	512	718	0	0	0	902
07:15 AM	164	32	196	198	518	716	0	0	0	912
07:30 AM	161	23	184	202	500	702	0	0	0	886
Total Volume	632	92	724	847	1979	2826	0	0	0	3550
% App. Total	87.3	12.7	92	30	70		0	0		
PHF	.963	.719	.923	.879	.955	.984	.000	.000	.000	.973

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 04:15 PM

04:15 PM	545	4	549	87	210	297	0	0	0	846
04:30 PM	541	8	549	61	238	299	0	0	0	848
04:45 PM	566	6	572	55	255	310	0	0	0	882
05:00 PM	566	15	581	86	248	334	0	0	0	915
Total Volume	2218	33	2251	289	951	1240	0	0	0	3491
% App. Total	98.5	1.5	969	23.3	76.7		0	0		
PHF	.980	.550	.969	.830	.932	.928	.000	.000	.000	.954

File Name : 4-Route 1 and Garrisonville Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Cars

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	1	10	64	0	75	4	59	54	0	117	90	298	6	0	394	235	9	23	0	267	853
06:15 AM	1	11	98	0	110	6	47	75	0	128	104	312	5	0	421	256	12	39	0	307	966
06:30 AM	3	12	94	0	109	23	42	65	0	130	115	343	9	0	467	260	13	47	0	320	1026
06:45 AM	3	36	90	0	129	27	71	73	0	171	110	336	0	0	446	271	23	62	0	356	1102
Total	8	69	346	0	423	60	219	267	0	546	419	1289	20	0	1728	1022	57	171	0	1250	3947
07:00 AM	4	74	75	0	153	51	68	74	0	193	120	376	7	0	503	265	30	64	0	359	1208
07:15 AM	2	32	119	0	153	27	73	78	0	178	127	350	6	0	483	277	28	76	0	381	1195
07:30 AM	4	39	113	0	156	16	74	90	0	180	132	346	5	0	483	256	43	81	0	380	1199
07:45 AM	4	22	90	1	117	16	81	65	0	162	119	334	5	0	458	262	40	94	1	397	1134
Total	14	167	397	1	579	110	296	307	0	713	498	1406	23	0	1927	1060	141	315	1	1517	4736
08:00 AM	11	35	126	0	172	14	67	74	0	155	137	321	4	0	462	230	29	98	1	358	1147
08:15 AM	20	55	135	0	210	11	78	46	0	135	142	278	11	0	431	162	29	95	1	287	1063
08:30 AM	4	43	133	0	180	3	91	40	0	134	129	235	12	0	376	184	52	89	1	326	1016
08:45 AM	7	41	112	0	160	13	94	50	0	157	140	265	14	0	419	218	64	105	0	387	1123
Total	42	174	506	0	722	41	330	210	0	581	548	1099	41	0	1688	794	174	387	3	1358	4349
09:00 AM	10	26	93	0	129	18	65	44	0	127	134	308	5	0	447	226	57	106	3	392	1095
09:15 AM	8	33	75	0	116	10	38	37	0	85	112	299	5	0	416	193	41	107	0	341	958
09:30 AM	6	42	112	0	160	12	38	29	0	79	104	233	16	0	353	180	41	90	1	312	904
09:45 AM	7	38	92	0	137	11	50	31	0	92	115	172	15	0	302	138	44	87	0	269	800
Total	31	139	372	0	542	51	191	141	0	383	465	1012	41	0	1518	737	183	390	4	1314	3757
10:00 AM	8	38	105	0	151	10	38	18	0	66	102	153	11	0	266	121	34	83	5	243	726
10:15 AM	7	44	109	0	160	5	53	16	0	74	119	144	12	0	275	113	27	102	2	244	753
10:30 AM	10	31	107	0	148	15	39	24	0	78	113	105	21	0	239	128	45	126	0	299	764
10:45 AM	10	48	113	0	171	7	29	19	0	55	133	116	14	0	263	124	49	111	1	285	774
Total	35	161	434	0	630	37	159	77	0	273	467	518	58	0	1043	486	155	422	8	1071	3017
11:00 AM	6	41	121	0	168	8	39	8	0	55	121	105	17	0	243	108	43	116	0	267	733
11:15 AM	11	39	162	0	212	9	43	31	0	83	124	116	17	0	257	114	43	122	1	280	832
11:30 AM	10	67	131	0	208	9	45	21	0	75	138	113	10	0	261	134	52	136	1	323	867
11:45 AM	15	40	140	0	195	11	47	14	0	72	145	103	19	0	267	113	46	131	0	290	824
Total	42	187	554	0	783	37	174	74	0	285	528	437	63	0	1028	469	184	505	2	1160	3256
12:00 PM	14	52	135	0	201	18	48	10	0	76	145	110	13	0	268	125	61	143	2	331	876
12:15 PM	17	54	147	0	218	8	38	15	0	61	150	121	17	0	288	113	60	137	2	312	879
12:30 PM	6	51	113	0	170	9	65	18	0	92	142	109	13	0	264	110	77	132	5	324	850
12:45 PM	16	55	132	0	203	9	52	16	0	77	127	132	18	0	277	103	56	146	1	306	863
Total	53	212	527	0	792	44	203	59	0	306	564	472	61	0	1097	451	254	558	10	1273	3468
01:00 PM	13	41	104	0	158	8	35	7	0	50	109	110	17	0	236	112	53	154	0	319	763
01:15 PM	12	41	120	0	173	13	66	6	0	85	171	127	18	0	316	111	61	153	4	329	903
01:30 PM	3	58	119	0	180	13	25	15	0	53	106	101	23	0	230	110	63	180	2	355	818
01:45 PM	9	63	131	0	203	19	37	24	0	80	109	86	13	0	208	112	75	167	1	355	846
Total	37	203	474	0	714	53	163	52	0	268	495	424	71	0	990	445	252	654	7	1358	3330
02:00 PM	17	69	125	0	211	15	43	8	0	66	131	111	14	0	256	97	60	172	1	330	863
02:15 PM	12	85	125	1	223	10	45	14	0	69	125	114	18	0	257	97	61	165	2	325	874
02:30 PM	13	68	141	0	222	15	43	17	0	75	130	129	24	0	283	104	69	171	2	346	926
02:45 PM	24	106	168	0	298	15	36	13	0	64	143	110	12	0	265	113	75	179	3	370	997
Total	66	328	559	1	954	55	167	52	0	274	529	464	68	0	1061	411	265	687	8	1371	3660
03:00 PM	18	99	191	0	308	14	36	15	0	65	144	138	22	0	304	144	75	205	0	424	1101
03:15 PM	17	124	216	0	357	14	38	6	0	58	117	116	25	0	258	101	95	221	3	420	1093
03:30 PM	30	152	202	0	384	27	50	16	0	93	132	108	29	0	269	127	79	251	3	460	1206
03:45 PM	29	143	193	1	366	16	45	7	0	68	128	117	28	0	273	130	102	252	2	486	1193
Total	94	518	802	1	1415	71	169	44	0	284	521	479	104	0	1104	502	351	929	8	1790	4593
04:00 PM	38	240	277	0	555	16	47	12	0	75	150	112	30	0	292	147	110	235	0	492	1414
04:15 PM	53	255	252	0	560	19	44	19	0	82	147	128	24	0	299	133	131	268	0	532	1473
04:30 PM	35	239	239	0	513	19	59	23	0	101	138	142	29	0	309	145	146	251	0	542	1465
04:45 PM	41	251	265	0	557	14	53	13	0	80	144	134	27	0	305	167	117	251	3	538	1480
Total	167	985	1033	0	2185	68	203	67	0	338	579	516	110	0	1205	592	504	1005	3	2104	5832
05:00 PM	35	247	252	0	534	12	34	17	0	63	138	138	35	0	311	163	128	249	2	542	1450
05:15 PM	38	212	252	0	502	25	53	16	0	94	115	149	35	0	299	177	118	233	1	529	1424
05:30 PM	50	213	233	0	496	20	48	13	0	81	124	121	34	0	279	152	153	234	1	540	1396
05:45 PM	38	177	222	0	437	21	51	18	0	90	130	112	36	0	278	177	135	230	0	542	1347
Total	161	849	959	0	1969	78	186	64	0	328	507	520	140	0	1167	669	534	946	4	2153	5617
06:00 PM	27	153	190	0	370	22	47	24	0	93	134	93	27	0	254	130	114	239	2	485	1202

File Name : 4-Route 1 and Garrisonville Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Cars

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	15	129	165	0	309	23	44	24	0	91	120	117	25	0	262	135	101	232	1	469	1131
06:30 PM	18	80	166	1	265	15	41	17	0	73	110	123	24	0	257	140	108	203	2	453	1048
06:45 PM	19	73	167	0	259	8	36	12	0	56	120	82	25	0	227	123	107	216	0	446	988
Total	79	435	688	1	1203	68	168	77	0	313	484	415	101	0	1000	528	430	890	5	1853	4369
Grand Total	829	4427	7651	4	12911	773	2628	1491	0	4892	6604	9051	901	0	16556	8166	3484	7859	63	19572	53931
Apprch %	6.4	34.3	59.3	0		15.8	53.7	30.5	0		39										

Groups Printed- Buses

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	1	0	1	0	0	0	0	0	1	0	2	0	3	0	1	1	0	0	2	6
06:15 AM	1	0	0	0	1	0	1	0	0	1	1	3	2	0	6	0	0	0	0	0	0	8
06:30 AM	0	2	0	0	2	1	1	0	0	2	1	2	0	0	3	2	0	2	0	0	4	11
06:45 AM	1	9	2	0	12	5	0	0	0	5	0	3	0	0	3	0	0	0	0	0	0	20
Total	2	11	3	0	16	6	2	0	0	8	3	8	4	0	15	2	1	3	0	6	45	
07:00 AM	0	0	1	0	1	1	0	0	0	1	1	0	0	0	1	2	1	0	0	3	6	
07:15 AM	0	3	1	0	4	0	0	0	0	0	1	8	0	0	9	0	0	2	0	2	15	
07:30 AM	0	0	0	0	0	0	0	1	0	1	0	2	0	0	2	3	1	2	0	6	9	
07:45 AM	1	1	2	0	4	2	0	2	0	4	1	2	0	0	3	3	2	1	0	6	17	
Total	1	4	4	0	9	3	0	3	0	6	3	12	0	0	15	8	4	5	0	17	47	
08:00 AM	3	2	3	0	8	1	0	2	0	3	0	2	0	0	2	0	2	1	0	3	16	
08:15 AM	1	1	3	0	5	0	2	0	0	2	3	3	1	0	7	0	0	0	0	0	14	
08:30 AM	0	2	2	0	4	0	6	1	0	7	2	2	0	0	4	2	0	1	0	3	18	
08:45 AM	0	1	0	0	1	0	2	0	0	2	0	1	0	0	1	3	0	7	0	10	14	
Total	4	6	8	0	18	1	10	3	0	14	5	8	1	0	14	5	2	9	0	16	62	
09:00 AM	0	2	5	0	7	0	0	0	0	0	1	0	0	0	1	1	1	0	0	2	10	
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	2	0	3	4	
09:30 AM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	3	
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	3	5	0	8	0	0	0	0	0	2	1	0	0	3	2	1	3	0	6	17	
10:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	2	3	
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	
10:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	
10:45 AM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	
Total	0	1	0	0	1	0	0	0	0	0	3	0	1	0	4	0	1	1	0	2	7	
11:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	0	2	3	
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	
11:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0	2	3	
11:45 AM	0	2	1	0	3	0	0	0	0	0	1	0	1	0	2	1	0	1	0	2	7	
Total	0	2	1	0	3	0	0	0	0	0	3	0	2	0	5	1	1	4	0	6	14	
12:00 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	2	3	
12:15 PM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	3	0	1	0	4	6	
12:30 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	1	1	0	0	2	4	
12:45 PM	0	1	1	0	2	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	4	
Total	0	2	1	0	3	1	0	1	0	2	4	0	0	0	4	5	2	1	0	8	17	
01:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	3	0	4	5	
01:15 PM	0	1	2	0	3	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	5	
01:30 PM	0	1	2	0	3	0	0	1	0	1	1	0	0	0	1	0	0	1	0	1	6	
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	
Total	0	2	4	0	6	0	0	1	0	1	2	2	0	0	4	1	1	4	0	6	17	
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	
02:15 PM	0	0	0	0	0	0	1	0	0	1	1	1	0	0	2	0	0	0	0	0	3	
02:30 PM	0	0	1	0	1	1	1	0	0	2	3	11	5	0	19	2	1	3	0	6	28	
02:45 PM	0	0	1	0	1	0	0	1	0	1	1	3	0	0	4	5	0	2	0	7	13	
Total	0	0	2	0	2	1	2	1	0	4	5	15	5	0	25	7	2	5	0	14	45	
03:00 PM	2	5	5	0	12	1	1	3	0	5	1	1	1	0	3	0	1	1	0	2	22	
03:15 PM	1	0	5	0	6	0	1	1	0	2	1	2	0	0	3	1	0	0	0	1	12	
03:30 PM	0	1	6	0	7	1	0	2	0	3	1	2	1	0	4	2	0	1	0	3	17	
03:45 PM	0	0	2	0	2	0	3	0	0	3	1	1	0	0	2	1	5	1	0	7	14	
Total	3	6	18	0	27	2	5	6	0	13	4	6	2	0	12	4	6	3	0	13	65	
04:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	2	0	2	2	3	4	0	9	12	
04:15 PM	1	2	1	0	4	2	1	3	0	6	2	1	0	0	3	1	1	1	0	3	16	
04:30 PM	0	2	2	0	4	1	3	2	0	6	2	1	0	0	3	1	1	2	0	4	17	
04:45 PM	0	0	3	0	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	4	
Total	1	5	6	0	12	3	5	5	0	13	4	2	2	0	8	4	5	7	0	16	49	
05:00 PM	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	1	1	1	0	3	6	
05:15 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	2	
05:30 PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	1	0	2	4	
05:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	2	
Total	0	2	1	0	3	0	1	0	0	1	2	1	0	0	3	2	2	3	0	7	14	
06:00 PM	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	

Groups Printed- Buses

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4
Grand Total	12	44	54	0	110	17	25	20	0	62	40	55	18	0	113	41	29	48	0	118	403
Apprch %	10.9	40	49.1	0		27.4	40.3	32.3	0		35.4	48.7	15.9	0		34.7	24.6	40.7	0		
Total %	3	10.9	13.4	0	27.3	4.2	6.2	5	0	15.4	9.9	13.6	4.5	0	28	10.2	7.2	11.9	0	29.3	

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
07:45 AM	1	1	2	0	4	2	0	2	0	4	1	2	0	0	3	3	2	1	0	6	17
08:00 AM	3	2	3	0	8	1	0	2	0	3	0	2	0	0	2	0	2	1	0	3	16
08:15 AM	1	1	3	0	5	0	2	0	0	2	3	3	1	0	7	0	0	0	0	0	14
08:30 AM	0	2	2	0	4	0	6	1	0	7	2	2	0	0	4	2	0	1	0	3	18
Total Volume	5	6	10	0	21	3	8	5	0	16	6	9	1	0	16	5	4	3	0	12	65
% App. Total	23.8	28.6	47.6	0		18.8	50	31.2	0		37.5	56.2	6.2	0		41.7	33.3	25	0		
PHF	.417	.750	.833	0	.656	.375	.333	.625	0	.571	.500	.750	.250	0	.571	.417	.500	.750	0	.500	.903

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 02:30 PM

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	1	2	0	3	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	7
06:15 AM	0	0	1	0	1	0	0	0	0	0	0	4	0	0	4	2	0	1	0	0	3
06:30 AM	0	0	0	0	0	0	0	0	0	0	2	5	0	0	7	0	0	1	0	0	8
06:45 AM	0	0	0	0	0	0	0	0	0	0	2	4	0	0	6	0	0	1	0	0	7
Total	0	1	3	0	4	0	0	1	0	1	4	16	0	0	20	2	0	3	0	0	30
07:00 AM	0	0	3	0	3	0	0	0	0	0	0	2	1	0	3	4	0	0	0	0	10
07:15 AM	0	1	1	0	2	0	0	0	0	0	0	5	0	0	5	1	0	2	0	0	10
07:30 AM	0	3	3	0	6	0	3	0	0	3	1	3	1	0	5	2	1	2	0	0	19
07:45 AM	0	0	0	0	0	0	1	0	0	1	4	2	0	0	6	3	1	1	0	0	12
Total	0	4	7	0	11	0	4	0	0	4	5	12	2	0	19	10	2	5	0	0	51
08:00 AM	0	0	2	0	2	1	0	1	0	2	1	5	0	0	6	1	1	2	0	0	14
08:15 AM	0	2	5	0	7	2	0	0	0	2	1	7	1	0	9	3	0	2	0	0	23
08:30 AM	0	0	5	0	5	0	0	3	0	3	3	4	1	0	8	2	1	2	0	0	21
08:45 AM	0	1	2	0	3	0	0	0	0	0	2	6	0	0	8	3	1	3	0	0	18
Total	0	3	14	0	17	3	0	4	0	7	7	22	2	0	31	9	3	9	0	0	76
09:00 AM	1	2	2	0	5	1	1	0	0	2	2	5	0	0	7	7	2	0	0	0	23
09:15 AM	0	2	4	0	6	0	1	1	0	2	5	8	0	0	13	5	2	4	0	0	32
09:30 AM	1	0	3	0	4	0	0	0	0	0	0	8	1	0	9	4	2	1	0	0	20
09:45 AM	1	2	2	0	5	0	0	0	0	0	2	8	1	0	11	6	0	1	1	0	24
Total	3	6	11	0	20	1	2	1	0	4	9	29	2	0	40	22	6	6	1	0	99
10:00 AM	0	1	1	0	2	2	0	0	0	2	0	6	2	0	8	2	1	2	0	0	17
10:15 AM	0	1	1	0	2	0	0	0	0	0	5	0	0	0	5	3	0	1	0	0	11
10:30 AM	0	0	2	0	2	2	1	2	0	5	0	3	1	0	4	1	2	5	0	0	19
10:45 AM	0	4	6	0	10	0	0	0	0	0	3	4	1	0	8	1	0	1	0	0	20
Total	0	6	10	0	16	4	1	2	0	7	8	13	4	0	25	7	3	9	0	0	67
11:00 AM	0	1	1	0	2	0	1	2	0	3	5	2	0	0	7	3	1	2	0	0	18
11:15 AM	0	1	3	0	4	0	2	0	0	2	1	2	2	0	5	5	0	4	0	0	20
11:30 AM	0	3	2	0	5	0	0	0	0	0	1	3	1	0	5	2	2	4	0	0	18
11:45 AM	0	1	1	0	2	0	0	0	0	0	7	2	0	0	9	2	0	5	0	0	18
Total	0	6	7	0	13	0	3	2	0	5	14	9	3	0	26	12	3	15	0	0	74
12:00 PM	0	1	0	0	1	1	0	0	0	1	3	2	1	0	6	2	0	2	0	0	12
12:15 PM	0	1	2	0	3	0	1	0	0	1	3	7	1	0	11	2	0	6	0	0	23
12:30 PM	0	2	2	0	4	0	1	0	0	1	3	7	0	0	10	4	0	5	0	0	24
12:45 PM	1	2	4	0	7	0	0	0	0	0	1	2	0	0	3	2	2	0	0	0	14
Total	1	6	8	0	15	1	2	0	0	3	10	18	2	0	30	10	2	13	0	0	73
01:00 PM	1	0	5	0	6	0	2	1	0	3	2	5	1	0	8	1	0	1	0	0	19
01:15 PM	1	0	0	0	1	2	2	1	0	5	4	1	2	0	7	0	0	0	0	0	13
01:30 PM	0	2	4	0	6	0	1	1	0	2	1	2	0	0	3	1	0	5	0	0	17
01:45 PM	1	2	0	0	3	0	1	0	0	1	0	6	0	0	6	3	0	0	0	0	13
Total	3	4	9	0	16	2	6	3	0	11	7	14	3	0	24	5	0	6	0	0	62
02:00 PM	0	1	1	0	2	0	0	1	0	1	4	5	0	0	9	2	1	0	0	0	15
02:15 PM	0	1	7	0	8	0	0	1	0	1	1	2	0	0	3	2	2	0	0	0	16
02:30 PM	0	0	2	0	2	0	0	0	0	0	1	4	0	0	5	1	1	2	0	0	11
02:45 PM	0	3	1	0	4	0	0	0	0	0	2	3	0	0	5	3	0	3	0	0	15
Total	0	5	11	0	16	0	0	2	0	2	8	14	0	0	22	8	4	5	0	0	57
03:00 PM	0	0	0	0	0	0	1	1	0	2	1	1	0	0	2	5	0	3	0	0	12
03:15 PM	0	0	1	0	1	1	1	0	0	2	1	2	0	0	3	1	0	5	0	0	12
03:30 PM	0	2	1	0	3	1	0	0	0	1	0	1	1	0	2	0	0	1	0	0	7
03:45 PM	0	0	3	0	3	0	0	0	0	0	2	4	1	0	7	0	0	1	0	0	11
Total	0	2	5	0	7	2	2	1	0	5	4	8	2	0	14	6	0	10	0	0	42
04:00 PM	1	2	1	0	4	2	1	0	0	3	1	5	1	0	7	0	1	5	0	0	20
04:15 PM	0	1	0	0	1	1	1	1	0	3	0	1	0	0	1	1	0	1	0	0	7
04:30 PM	0	1	0	0	1	0	2	0	0	2	1	2	0	0	3	1	1	1	0	0	9
04:45 PM	0	1	2	0	3	0	1	1	0	2	0	1	0	0	1	0	1	2	0	0	9
Total	1	5	3	0	9	3	5	2	0	10	2	9	1	0	12	2	3	9	0	0	45
05:00 PM	0	1	2	0	3	1	0	0	0	1	1	3	0	0	4	1	0	1	0	0	10
05:15 PM	0	2	1	0	3	1	0	0	0	1	1	2	1	0	4	0	1	3	0	0	12
05:30 PM	0	1	1	0	2	1	0	0	0	1	1	1	0	0	2	0	1	2	0	0	8
05:45 PM	0	1	3	0	4	0	1	0	0	1	1	0	0	0	1	0	0	6	0	0	12
Total	0	5	7	0	12	3	1	0	0	4	4	6	1	0	11	1	2	12	0	0	42
06:00 PM	0	1	0	0	1	0	1	0	0	1	0	2	0	0	2	0	1	0	0	0	5

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	2	0	0	2	0	1	1	0	2	2	0	0	0	2	0	0	1	0	0	7
06:30 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	2	0	1	0	0	3
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	3
Total	0	5	0	0	5	0	2	1	0	3	2	6	1	0	9	2	1	2	0	0	22
Grand Total	8	58	95	0	161	19	28	19	0	66	84	176	23	0	283	96	29	104	1	0	740
Apprch %	5	36	59	0		28.8	42.4	28.8	0		29.7	62.2	8.1	0		41.7	12.6	45.2	0.4		
Total %	1.1	7.8	12.8	0	21.8	2.6	3.8	2.6	0	8.9	11.4	23.8	3.1	0	38.2	1.3	3.9	14.1	0.1	0	31.1

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
09:00 AM	1	2	2	0	5	1	1	0	0	2	2	5	0	0	7	7	2	0	0	0	23
09:15 AM	0	2	4	0	6	0	1	1	0	2	5	8	0	0	13	5	2	4	0	0	32
09:30 AM	1	0	3	0	4	0	0	0	0	0	0	8	1	0	9	4	2	1	0	0	20
09:45 AM	1	2	2	0	5	0	0	0	0	0	2	8	1	0	11	6	0	1	1	0	24
Total	3	6	11	0	20	1	2	1	0	4	9	29	2	0	40	22	6	6	1	0	99
Total Volume	3	6	11	0	20	1	2	1	0	4	9	29	2	0	40	22	6	6	1	0	98
% App. Total	15	30	55	0		25	50	25	0		22.5	72.5	5	0		64.7	17.6	17.6	0	0	
PHF	.750	.750	.688	0	.833	.250	.500	.250	0	.500	.450	.906	.500	0							

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	1	2
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
06:30 AM	0	0	1	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
06:45 AM	0	0	1	0	1	0	0	0	0	0	0	3	0	0	3	1	0	1	0	0	2	6
Total	0	0	2	0	2	0	0	0	0	0	1	6	0	0	7	1	0	2	0	0	3	12
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
07:15 AM	0	0	1	0	1	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	0	5
07:30 AM	0	0	0	0	0	0	0	0	0	0	1	1	1	0	3	0	0	2	0	0	2	5
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
Total	0	0	1	0	1	0	0	0	0	0	2	7	1	0	10	1	0	2	0	0	3	14
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	2
08:15 AM	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	4
08:30 AM	0	1	0	0	1	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	3
08:45 AM	0	0	2	0	2	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	5
Total	0	2	4	0	6	0	0	0	0	0	2	3	1	0	6	1	0	1	0	0	2	14
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	1	1	1	0	0	3	8
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
09:30 AM	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	2	0	0	0	0	2	5
09:45 AM	0	1	1	0	2	0	0	0	0	0	1	3	0	0	4	1	0	0	0	0	1	7
Total	0	1	1	0	2	0	0	0	0	0	2	12	0	0	14	4	1	1	0	0	6	22
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	0	2	3
10:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	1	1	0	0	3	5
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	1	3
Total	0	1	0	0	1	0	0	0	0	0	0	5	0	0	5	3	1	3	0	0	7	13
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	2
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	2
11:45 AM	0	0	2	0	2	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	4
Total	0	0	2	0	2	0	0	2	0	2	0	3	0	0	3	0	1	1	0	0	2	9
12:00 PM	0	0	2	0	2	0	1	0	0	1	0	2	0	0	2	3	0	0	0	0	3	8
12:15 PM	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	0	0	1	0	0	1	3
12:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	3
Total	0	3	2	0	5	0	1	0	0	1	2	3	0	0	5	4	0	1	0	0	5	16
01:00 PM	0	1	0	0	1	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	0	5
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	1	0	0	0	3	4
01:30 PM	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
Total	0	2	1	0	3	0	0	0	0	0	1	5	0	0	6	4	1	0	0	0	5	14
02:00 PM	0	1	1	0	2	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	4
02:15 PM	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	1	0	1	0	0	2	4
02:30 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
02:45 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	3
Total	0	1	3	0	4	0	1	1	0	2	1	3	0	0	4	1	0	2	0	0	3	13
03:00 PM	0	0	0	0	0	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	1	1	0	0	2	0	0	0	0	0	0	2
03:30 PM	0	0	1	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
03:45 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	3
Total	0	0	2	0	2	0	0	0	0	0	1	4	0	0	5	0	0	1	0	0	1	8
04:00 PM	0	2	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	3
04:15 PM	0	0	0	0	0	0	0	1	0	1	1	1	0	0	2	0	0	1	0	0	1	4
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	3	0	0	1	0	1	2	1	0	0	3	0	0	2	0	0	2	9
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	1	6
06:00 PM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	0	0	0	0	0
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Total	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	3
Grand Total	0	15	19	0	34	0	2	4	0	6	14	57	2	0	73	20	4	16	0	40	153	
Apprch %	0	44.1	55.9	0		0	33.3	66.7	0		19.2	78.1	2.7	0		50	10	40	0			
Total %	0	9.8	12.4	0	22.2	0	1.3	2.6	0	3.9	9.2	37.3	1.3	0	47.7	13.1	2.6	10.5	0	26.1		

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	1	1	1	0	0	3	8
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
09:30 AM	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	2	0	0	0	0	2	5
09:45 AM	0	1	1	0	2	0	0	0	0	0	1	3	0	0	4	1	0	0	0	0	1	7
Total Volume	0	1	1	0	2	0	0	0	0	0	2	12	0	0	14	4	1	1	0	0	6	22
% App. Total	0	50	50	0		0	0	0	0		14.3	85.7	0			66.7	16.7	16.7	0			
PHF	.000	.250	.250	.250		.000	.000	.000	.000		.500	.600	.000	.700		.500	.250	.250	.500		.688	

File Name : 4-Route 1 and Garrisonville Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1
06:15 AM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
07:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	0	0
05:30 PM	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

File Name : 4-Route 1 and Garrisonville Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Approch %	0	0	0	100		0	0	0	100		0	0	0	0		0	0	0	0		0	
Total %	0	0	0	50	50	0	0	0	50	50	0	0	0	0	0	0	0	0	0	0	0	0

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	
PHF	.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 12:00 PM

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	1	11	67	0	79	4	59	55	0	118	92	301	8	0	401	235	10	25	0	270	868
06:15 AM	2	11	99	0	112	6	48	75	0	129	105	320	7	0	432	258	12	40	0	310	983
06:30 AM	3	14	95	0	112	24	43	65	0	132	118	352	9	0	479	262	13	50	0	325	1048
06:45 AM	4	45	93	0	142	32	71	73	0	176	112	346	0	0	458	272	23	64	0	359	1135
Total	10	81	354	0	445	66	221	268	0	555	427	1319	24	0	1770	1027	58	179	0	1264	4034
07:00 AM	4	74	79	0	157	52	68	74	0	194	121	378	8	0	507	272	31	64	0	367	1225
07:15 AM	2	36	122	0	160	27	73	78	0	178	129	366	6	0	501	278	28	80	0	386	1225
07:30 AM	4	42	116	0	162	16	77	91	0	184	134	352	7	0	493	261	45	87	0	393	1232
07:45 AM	5	23	92	1	121	18	82	67	0	167	124	341	5	0	470	268	43	96	1	408	1166
Total	15	175	409	1	600	113	300	310	0	723	508	1437	26	0	1971	1079	147	327	1	1554	4848
08:00 AM	14	37	131	0	182	16	67	77	0	160	138	328	5	0	471	231	32	102	1	366	1179
08:15 AM	21	59	145	0	225	13	80	46	0	139	146	288	13	0	447	166	29	97	1	293	1104
08:30 AM	4	46	140	0	190	3	97	44	0	144	135	242	13	0	390	188	53	92	1	334	1058
08:45 AM	7	43	116	0	166	13	96	50	0	159	143	274	14	0	431	224	65	115	0	404	1160
Total	46	185	532	0	763	45	340	217	0	602	562	1132	45	0	1739	809	179	406	3	1397	4501
09:00 AM	11	30	100	0	141	19	66	44	0	129	137	318	5	0	460	235	61	107	3	406	1136
09:15 AM	8	35	79	0	122	10	39	38	0	87	117	310	5	0	432	199	43	113	0	355	996
09:30 AM	7	43	115	0	165	12	38	29	0	79	106	243	17	0	366	186	43	92	1	322	932
09:45 AM	8	41	95	0	144	11	50	31	0	92	118	183	16	0	317	145	44	88	1	278	831
Total	34	149	389	0	572	52	193	142	0	387	478	1054	43	0	1575	765	191	400	5	1361	3895
10:00 AM	8	39	106	0	153	12	38	18	0	68	103	160	13	0	276	124	36	87	5	252	749
10:15 AM	7	46	110	0	163	5	53	16	0	74	124	144	13	0	281	116	27	104	2	249	767
10:30 AM	10	31	109	0	150	17	40	26	0	83	114	110	22	0	246	130	48	132	0	310	789
10:45 AM	10	53	119	0	182	7	29	19	0	55	137	122	15	0	274	126	49	112	1	288	799
Total	35	169	444	0	648	41	160	79	0	280	478	536	63	0	1077	496	160	435	8	1099	3104
11:00 AM	6	42	122	0	170	8	40	10	0	58	127	108	17	0	252	111	45	119	0	275	755
11:15 AM	11	40	165	0	216	9	45	33	0	87	125	118	20	0	263	119	43	126	1	289	855
11:30 AM	10	70	133	0	213	9	45	21	0	75	140	117	11	0	268	136	55	142	1	334	890
11:45 AM	15	43	144	0	202	11	47	14	0	72	153	106	20	0	279	116	46	138	0	300	853
Total	42	195	564	0	801	37	177	78	0	292	545	449	68	0	1062	482	189	525	2	1198	3353
12:00 PM	14	53	137	0	204	19	49	11	0	79	148	114	14	0	276	131	62	145	2	340	899
12:15 PM	17	56	149	0	222	8	39	15	0	62	156	128	18	0	302	118	60	145	2	325	911
12:30 PM	6	55	115	0	176	9	66	18	0	93	147	116	13	0	276	115	78	137	5	335	880
12:45 PM	17	59	137	0	213	10	52	16	0	78	129	135	18	0	282	106	58	146	1	311	884
Total	54	223	538	0	815	46	206	60	0	312	580	493	63	0	1136	470	258	573	10	1311	3574
01:00 PM	14	42	109	0	165	8	37	8	0	53	113	118	18	0	249	113	54	158	0	325	792
01:15 PM	13	42	122	0	177	15	68	7	0	90	175	130	20	0	325	114	62	153	4	333	925
01:30 PM	3	62	126	0	191	13	26	17	0	56	108	104	23	0	235	111	63	186	2	362	844
01:45 PM	10	65	131	0	206	19	38	24	0	81	109	93	13	0	215	117	75	167	1	360	862
Total	40	211	488	0	739	55	169	56	0	280	505	445	74	0	1024	455	254	664	7	1380	3423
02:00 PM	17	71	127	0	215	15	44	9	0	68	136	116	14	0	266	99	62	172	1	334	883
02:15 PM	12	86	132	1	231	10	46	16	0	72	127	118	18	0	263	100	63	166	2	331	897
02:30 PM	13	68	145	0	226	16	44	17	0	77	134	145	29	0	308	107	71	176	2	356	967
02:45 PM	24	109	171	0	304	15	36	14	0	65	146	117	12	0	275	121	75	185	3	384	1028
Total	66	334	575	1	976	56	170	56	0	282	543	496	73	0	1112	427	271	699	8	1405	3775
03:00 PM	20	104	196	0	320	15	38	19	0	72	146	140	23	0	309	149	76	209	0	434	1135
03:15 PM	18	124	222	0	364	15	40	7	0	62	120	121	25	0	266	103	95	226	3	427	1119
03:30 PM	30	155	210	0	395	29	50	18	0	97	133	113	31	0	277	129	79	253	3	464	1233
03:45 PM	29	143	199	1	372	16	48	7	0	71	131	123	29	0	283	131	107	255	2	495	1221
Total	97	526	827	1	1451	75	176	51	0	302	530	497	108	0	1135	512	357	943	8	1820	4708
04:00 PM	39	245	278	0	562	18	48	12	0	78	152	117	33	0	302	149	114	244	0	507	1449
04:15 PM	54	258	253	0	565	22	46	24	0	92	150	131	24	0	305	135	132	271	0	538	1500
04:30 PM	35	243	241	0	519	20	64	25	0	109	141	145	29	0	315	147	148	255	0	550	1493
04:45 PM	41	252	270	0	563	14	55	14	0	83	144	135	27	0	306	167	118	253	3	541	1493
Total	169	998	1042	0	2209	74	213	75	0	362	587	528	113	0	1228	598	512	1023	3	2136	5935
05:00 PM	35	250	255	0	540	13	34	17	0	64	139	144	35	0	318	165	129	251	2	547	1469
05:15 PM	38	215	253	0	506	26	53	16	0	95	117	151	36	0	304	178	120	236	1	535	1440
05:30 PM	50	215	234	0	499	21	49	13	0	83	125	123	34	0	282	153	154	237	1	545	1409
05:45 PM	38	178	225	0	441	21	52	18	0	91	132	112	36	0	280	177	135	237	0	549	1361
Total	161	858	967	0	1986	81	188	64	0	333	513	530	141	0	1184	673	538	961	4	2176	5679
06:00 PM	27	154	192	0	373	22	48	24	0	94	134	96	28	0	258	130	115	239	2	486	1211

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Washington Dr Westbound					Rt 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	15	131	165	0	311	23	45	25	0	93	122	117	25	0	264	135	102	233	1	471	1139
06:30 PM	18	82	166	1	267	15	41	17	0	73	110	125	24	0	259	142	108	204	2	456	1055
06:45 PM	20	73	167	0	260	8	36	12	0	56	120	85	26	0	231	123	107	216	0	446	993
Total	80	440	690	1	1211	68	170	78	0	316	486	423	103	0	1012	530	432	892	5	1859	4398
Grand Total	849	4544	7819	4	13216	809	2683	1534	0	5026	6742	9339	944	0	17025	8323	3546	8027	64	19960	55227
Apprch %	6.4	34.4	59.2	0		16.1	53.4	30.5	0		39.6	54.9	5.5	0		41.7	17.8	40.2	0.3		
Total %	1.5	8.2	14.2	0	23.9	1.5	4.9	2.8	0	9.1											



File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Cars

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	2	33	0	0	35	4	0	35	1	40	0	278	13	0	291	63	7	4	0	74	440
06:15 AM	6	51	0	0	57	6	0	40	0	46	0	333	19	0	352	68	5	2	0	75	530
06:30 AM	8	78	0	0	86	6	0	36	0	42	0	363	18	0	381	64	6	3	0	73	582
06:45 AM	8	116	0	0	124	8	0	44	0	52	0	348	25	0	373	82	14	6	0	102	651
Total	24	278	0	0	302	24	0	155	1	180	0	1322	75	0	1397	277	32	15	0	324	2203
07:00 AM	17	168	0	0	185	11	0	42	0	53	0	339	33	0	372	87	13	5	0	105	715
07:15 AM	12	128	0	1	141	11	0	63	0	74	0	327	26	0	353	88	12	7	0	107	675
07:30 AM	9	115	0	1	125	8	0	51	0	59	0	327	34	0	361	90	6	9	0	105	650
07:45 AM	15	115	0	1	131	7	0	42	0	49	0	297	24	0	321	107	24	12	0	143	644
Total	53	526	0	3	582	37	0	198	0	235	0	1290	117	0	1407	372	55	33	0	460	2684
08:00 AM	15	136	0	1	152	8	0	34	0	42	0	301	34	0	335	94	11	20	0	125	654
08:15 AM	14	151	0	0	165	11	0	39	0	50	0	305	25	0	330	47	13	15	1	76	621
08:30 AM	6	123	0	0	129	6	0	37	0	43	0	253	24	0	277	70	18	14	0	102	551
08:45 AM	8	148	0	0	156	16	0	55	0	71	0	258	25	0	283	109	35	22	0	166	676
Total	43	558	0	1	602	41	0	165	0	206	0	1117	108	0	1225	320	77	71	1	469	2502
09:00 AM	21	127	0	4	152	9	0	47	0	56	0	239	23	0	262	132	37	17	0	186	656
09:15 AM	19	137	0	0	156	12	0	48	0	60	0	232	22	0	254	126	27	15	0	168	638
09:30 AM	8	148	0	1	157	6	0	37	0	43	0	221	12	0	233	70	18	8	0	96	529
09:45 AM	22	117	0	0	139	17	0	32	0	49	0	209	20	0	229	79	9	16	0	104	521
Total	70	529	0	5	604	44	0	164	0	208	0	901	77	0	978	407	91	56	0	554	2344
10:00 AM	11	127	0	0	138	11	0	23	0	34	0	176	13	0	189	51	6	11	0	68	429
10:15 AM	16	135	0	0	151	10	0	29	0	39	0	188	19	0	207	52	11	16	0	79	476
10:30 AM	15	159	0	1	175	19	0	38	0	57	0	143	17	0	160	41	8	18	0	67	459
10:45 AM	11	155	0	0	166	11	0	34	0	45	0	186	28	0	214	43	15	18	0	76	501
Total	53	576	0	1	630	51	0	124	0	175	0	693	77	0	770	187	40	63	0	290	1865
11:00 AM	24	144	0	0	168	24	0	30	0	54	0	176	19	0	195	30	13	11	0	54	471
11:15 AM	19	148	0	0	167	15	0	21	0	36	0	200	23	0	223	34	15	7	0	56	482
11:30 AM	25	180	0	0	205	14	0	34	0	48	0	190	21	0	211	27	9	9	0	45	509
11:45 AM	34	150	0	0	184	18	0	32	0	50	0	188	27	0	215	38	16	9	0	63	512
Total	102	622	0	0	724	71	0	117	0	188	0	754	90	0	844	129	53	36	0	218	1974
12:00 PM	25	190	0	0	215	26	0	38	0	64	0	179	22	0	201	41	14	18	0	73	553
12:15 PM	28	168	0	0	196	25	0	41	1	67	0	202	25	0	227	37	15	14	0	66	556
12:30 PM	26	168	0	0	194	17	0	37	2	56	0	201	20	0	221	22	11	10	0	43	514
12:45 PM	31	176	0	0	207	25	0	41	0	66	0	201	17	0	218	35	8	11	0	54	545
Total	110	702	0	0	812	93	0	157	3	253	0	783	84	0	867	135	48	53	0	236	2168
01:00 PM	30	173	0	0	203	22	0	37	0	59	0	179	22	0	201	24	9	4	0	37	500
01:15 PM	16	195	0	0	211	22	0	42	0	64	0	210	18	0	228	30	13	11	1	55	558
01:30 PM	31	209	0	0	240	34	0	33	0	67	0	153	18	0	171	31	11	10	0	52	530
01:45 PM	22	237	0	0	259	28	0	39	0	67	0	138	27	0	165	35	10	11	0	56	547
Total	99	814	0	0	913	106	0	151	0	257	0	680	85	0	765	120	43	36	1	200	2135
02:00 PM	19	235	0	0	254	23	0	36	0	59	0	172	18	0	190	39	11	16	0	66	569
02:15 PM	24	231	0	0	255	16	0	41	0	57	0	196	21	0	217	30	6	11	0	47	576
02:30 PM	19	234	0	0	253	17	0	30	0	47	0	188	36	0	224	46	6	13	0	65	589
02:45 PM	27	270	0	0	297	18	0	46	0	64	0	170	23	0	193	26	16	13	0	55	609
Total	89	970	0	0	1059	74	0	153	0	227	0	726	98	0	824	141	39	53	0	233	2343
03:00 PM	15	306	0	1	322	23	0	43	0	66	0	214	18	0	232	37	8	18	0	63	683
03:15 PM	22	350	0	0	372	26	0	41	0	67	0	183	27	0	210	41	8	18	0	67	716
03:30 PM	21	401	0	0	422	32	0	20	0	52	0	205	22	0	227	27	13	14	0	54	755
03:45 PM	27	397	0	1	425	32	0	34	0	66	0	177	23	0	200	56	18	11	0	85	776
Total	85	1454	0	2	1541	113	0	138	0	251	0	779	90	0	869	161	47	61	0	269	2930
04:00 PM	18	467	0	0	485	34	0	33	0	67	0	206	29	0	235	44	14	18	0	76	863
04:15 PM	19	533	0	0	552	44	0	40	0	84	0	188	19	0	207	39	16	9	0	64	907
04:30 PM	17	488	0	0	505	35	0	27	0	62	0	236	15	0	251	35	8	10	0	53	871
04:45 PM	19	502	0	1	522	27	0	40	0	67	0	192	29	0	221	70	12	11	0	93	903
Total	73	1990	0	1	2064	140	0	140	0	280	0	822	92	0	914	188	50	48	0	286	3544
05:00 PM	22	481	0	1	504	40	0	39	0	79	0	206	27	0	233	55	20	7	0	82	898
05:15 PM	25	459	0	0	484	41	0	32	0	73	0	184	25	0	209	72	16	11	0	99	865
05:30 PM	15	454	0	1	470	57	0	38	0	95	0	198	19	0	217	53	10	14	0	77	859
05:45 PM	21	443	0	1	465	46	0	32	0	78	0	192	28	0	220	45	15	8	0	68	831
Total	83	1837	0	3	1923	184	0	141	0	325	0	780	99	0	879	225	61	40	0	326	3453
06:00 PM	36	388	0	0	424	41	0	40	0	81	0	170	23	0	193	36	13	7	0	56	754

File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Cars

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	33	355	0	1	389	29	0	25	0	54	0	185	23	0	208	46	11	9	0	66	717
06:30 PM	33	269	0	0	302	30	0	41	0	71	0	169	22	0	191	38	8	10	0	56	620
06:45 PM	25	274	0	0	299	23	0	39	0	62	0	147	33	0	180	27	11	11	0	49	590
Total	127	1286	0	1	1414	123	0	145	0	268	0	671	101	0	772	147	43	37	0	227	2681
Grand Total	1011	12142	0	17	13170	1101	0	1948	4	3053	0	11318	1193	0	12511	2809	679	602	2	4092	32826
Approch %	7.7	92.2	0	0.1		36.1	0	63.8	0.1		0	90.5	9.5	0		68.6	16.6	14.7	0		
Total %	3.1	37	0	0.1	40.1	3.4	0	5.9	0	9.3	0	34.5	3.6	0	38.1	8.6	2.1	1.8	0	12.5	

Start Time	Rt 1 Southbound				Aquia Town Center Dr Westbound				Rt 1 Northbound				I-95 Off Ramp Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left				

File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Buses

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	1	0	0	0	1	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	5
06:15 AM	0	0	0	0	0	1	0	0	0	1	0	5	0	0	5	1	0	0	0	0	7
06:30 AM	0	5	0	0	5	1	0	1	0	2	0	2	0	0	2	1	0	0	0	1	10
06:45 AM	0	14	0	0	14	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	16
Total	1	19	0	0	20	2	0	1	0	3	0	11	1	0	12	3	0	0	0	3	38
07:00 AM	0	1	0	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	3
07:15 AM	0	5	0	0	5	1	0	0	0	1	0	10	3	0	13	0	0	0	0	0	19
07:30 AM	0	2	0	0	2	0	0	2	0	2	0	1	0	0	1	0	0	0	0	0	5
07:45 AM	1	2	0	0	3	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	5
Total	1	10	0	0	11	2	0	3	0	5	0	12	4	0	16	0	0	0	0	0	32
08:00 AM	1	3	0	0	4	2	0	0	0	2	0	3	1	0	4	0	0	0	0	0	10
08:15 AM	0	1	0	0	1	0	0	2	0	2	0	5	1	0	6	0	0	0	0	0	9
08:30 AM	0	5	0	0	5	0	0	1	0	1	0	3	3	0	6	1	0	0	0	1	13
08:45 AM	0	8	0	0	8	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	10
Total	1	17	0	0	18	2	0	3	0	5	0	13	5	0	18	1	0	0	0	1	42
09:00 AM	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	4
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3
09:30 AM	0	2	0	0	2	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	4
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	6	0	0	6	1	0	1	0	2	0	0	1	0	1	2	0	0	0	2	11
10:00 AM	0	1	0	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	3
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
10:30 AM	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	2
10:45 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	2	0	0	2	1	0	1	0	2	0	2	1	0	3	1	0	0	0	1	8
11:00 AM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
11:30 AM	0	2	0	0	2	0	0	1	0	1	0	1	1	0	2	0	0	0	0	0	5
11:45 AM	0	2	0	0	2	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	5
Total	0	5	0	0	5	2	0	1	0	3	0	4	1	0	5	0	0	0	0	0	13
12:00 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
12:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
12:30 PM	0	0	0	0	0	0	0	2	0	2	0	1	1	0	2	0	0	0	0	0	4
12:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	2	0	0	2	1	0	2	0	3	0	3	1	0	4	0	0	0	0	0	9
01:00 PM	0	4	0	0	4	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
01:15 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
01:30 PM	0	2	0	0	2	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	4
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	8	0	0	8	1	0	1	0	2	0	1	1	0	2	0	0	0	0	0	12
02:00 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	3
02:30 PM	0	4	0	0	4	2	0	1	0	3	0	19	1	0	20	1	0	0	0	1	28
02:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
Total	0	5	0	0	5	3	0	1	0	4	0	23	2	0	25	1	0	0	0	1	35
03:00 PM	1	7	0	0	8	2	0	0	0	2	0	4	1	0	5	0	0	0	0	0	15
03:15 PM	0	1	0	0	1	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	5
03:30 PM	0	2	0	0	2	0	0	1	0	1	0	4	1	0	5	0	0	0	0	0	8
03:45 PM	0	2	0	0	2	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	4
Total	1	12	0	0	13	3	0	1	0	4	0	12	3	0	15	0	0	0	0	0	32
04:00 PM	0	6	0	0	6	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	9
04:15 PM	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	8
04:30 PM	0	5	0	0	5	0	0	2	0	2	0	3	1	0	4	0	0	0	0	0	11
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	16	0	0	16	1	0	2	0	3	0	8	1	0	9	0	0	0	0	0	28
05:00 PM	0	1	0	0	1	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	3
05:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	2
05:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:45 PM	0	1	0	0	1	0	0	1	0	1	0	0	1	0	1	1	0	0	0	1	4
Total	0	4	0	0	4	1	0	2	0	3	0	1	2	0	3	1	0	0	0	1	11
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Buses

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
06:30 PM	0	0	0	0	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	0	0	0	0
Total	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Grand Total	4	106	0	0	110	21	0	19	0	40	0	90	23	0	113	9	0	0	0	9	272
Apprch %	3.6	96.4	0	0		52.5	0	47.5	0		0	79.6	20.4	0		100	0	0	0		
Total %	1.5	39	0	0	40.4	7.7	0	7	0	14.7	0	33.1	8.5	0	41.5	3.3	0	0	0	3.3	

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:30 AM	0	5	0	0	5	1	0	1	0	2	0	2	0	0	2	1	0	0	0	1	10
06:45 AM	0	14	0	0	14	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	16
07:00 AM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	3
07:15 AM	0	5	0	0	5	1	0	0	0	1	0	10	3	0	13	0	0	0	0	0	19
Total Volume	0	25	0	0	25	3	0	1	0	4	0	14	3	0	17	2	0	0	0	2	48
% App. Total	0	100	0	0		75	0	25	0		0	82.4	17.6	0		100	0	0	0		
PHF	.000	.446	.000	.446		.750	.000	.250	.500		.000	.350	.250	.327		.500	.000	.000	.500		.632

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 06:30 AM

02:30 PM	0	4	0	0	4	2	0	1	0	3	0	19	1	0	20	1	0	0	0	1	28
02:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0			

File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	1	0	0	1	0	0	1	0	1	0	2	0	0	2	1	1	0	0	2	6
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
06:30 AM	0	2	0	0	2	0	0	0	0	0	0	4	1	0	5	2	0	0	0	2	9
06:45 AM	1	0	0	0	1	1	0	0	0	1	0	4	0	0	4	1	0	0	0	1	7
Total	1	3	0	0	4	1	0	1	0	2	0	14	1	0	15	4	1	0	0	5	26
07:00 AM	1	0	0	0	1	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	4
07:15 AM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	1	1	0	0	2	7
07:30 AM	1	3	0	0	4	0	0	1	0	1	0	4	0	0	4	0	0	0	0	0	9
07:45 AM	0	2	0	0	2	0	0	2	0	2	0	10	0	0	10	1	0	0	0	1	15
Total	2	7	0	0	9	0	0	4	0	4	0	19	0	0	19	2	1	0	0	3	35
08:00 AM	0	4	0	0	4	0	0	0	0	0	0	4	1	0	5	0	0	0	0	0	9
08:15 AM	1	5	0	0	6	0	0	1	0	1	0	10	0	0	10	1	0	1	0	2	19
08:30 AM	0	2	0	0	2	1	0	0	0	1	0	6	0	0	6	1	0	0	0	1	10
08:45 AM	0	4	0	0	4	0	0	0	0	0	0	7	0	0	7	1	1	0	0	2	13
Total	1	15	0	0	16	1	0	1	0	2	0	27	1	0	28	3	1	1	0	5	51
09:00 AM	1	2	0	0	3	0	0	1	0	1	0	3	0	0	3	2	0	0	0	2	9
09:15 AM	0	5	0	0	5	0	0	1	0	1	0	10	0	0	10	2	0	0	0	2	18
09:30 AM	0	1	0	0	1	0	0	0	0	0	0	4	1	0	5	5	0	0	0	5	11
09:45 AM	0	3	0	0	3	3	0	1	0	4	0	7	0	0	7	4	1	1	0	6	20
Total	1	11	0	0	12	3	0	3	0	6	0	24	1	0	25	13	1	1	0	15	58
10:00 AM	1	5	0	0	6	0	0	1	0	1	0	5	0	0	5	3	1	0	0	4	16
10:15 AM	0	2	0	0	2	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	4
10:30 AM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	2	0	0	0	2	7
10:45 AM	0	6	0	0	6	1	0	0	0	1	0	6	0	0	6	2	0	0	0	2	15
Total	1	16	0	0	17	1	0	2	0	3	0	14	0	0	14	7	1	0	0	8	42
11:00 AM	1	2	0	0	3	0	0	2	0	2	0	6	0	0	6	1	1	0	0	2	13
11:15 AM	1	4	0	0	5	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	9
11:30 AM	1	6	0	0	7	1	0	0	0	1	0	0	0	0	0	3	0	1	0	4	12
11:45 AM	1	5	0	0	6	0	0	2	0	2	0	3	1	0	4	0	0	1	0	1	13
Total	4	17	0	0	21	1	0	4	0	5	0	13	1	0	14	4	1	2	0	7	47
12:00 PM	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	1	0	1	0	2	12
12:15 PM	0	5	0	0	5	0	0	1	0	1	0	7	1	0	8	0	0	2	0	2	16
12:30 PM	0	7	0	0	7	0	0	1	0	1	0	6	1	0	7	2	0	1	0	3	18
12:45 PM	0	2	0	0	2	0	0	0	0	0	0	4	1	0	5	1	0	0	0	1	8
Total	0	18	0	0	18	0	0	2	0	2	0	23	3	0	26	4	0	4	0	8	54
01:00 PM	0	1	0	0	1	0	0	2	0	2	0	2	0	0	2	4	2	0	0	6	11
01:15 PM	0	4	0	0	4	2	0	1	0	3	0	2	0	0	2	1	1	2	0	4	13
01:30 PM	0	7	0	0	7	1	0	1	0	2	0	1	0	0	1	1	0	0	0	1	11
01:45 PM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	4	1	0	0	5	10
Total	0	14	0	0	14	3	0	4	0	7	0	8	0	0	8	10	4	2	0	16	45
02:00 PM	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	1	0	1	6
02:15 PM	0	1	0	0	1	0	0	1	0	1	0	2	0	0	2	2	1	0	0	3	7
02:30 PM	0	2	0	0	2	0	0	2	0	2	0	1	0	0	1	2	0	0	0	2	7
02:45 PM	0	6	0	0	6	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	8
Total	0	10	0	0	10	0	0	3	0	3	0	9	0	0	9	4	1	1	0	6	28
03:00 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	2	0	0	0	2	6
03:15 PM	0	1	0	0	1	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	5
03:30 PM	0	4	0	0	4	2	0	0	0	2	0	1	1	0	2	3	0	0	0	3	11
03:45 PM	0	0	0	0	0	1	0	0	0	1	0	3	1	0	4	1	0	0	0	1	6
Total	0	8	0	0	8	3	0	1	0	4	0	8	2	0	10	6	0	0	0	6	28
04:00 PM	0	2	0	0	2	1	0	0	0	1	0	4	0	0	4	3	0	0	0	3	10
04:15 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	4
04:30 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
04:45 PM	1	3	0	0	4	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	6
Total	1	10	0	0	11	1	0	1	0	2	0	6	0	0	6	4	0	1	0	5	24
05:00 PM	1	3	0	0	4	0	0	1	0	1	0	1	0	0	1	1	0	0	0	1	7
05:15 PM	1	4	0	0	5	1	0	0	0	1	0	3	0	0	3	2	0	0	0	2	11
05:30 PM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	6
05:45 PM	2	3	0	0	5	1	0	1	0	2	0	1	0	0	1	0	0	1	0	1	9
Total	4	14	0	0	18	2	0	2	0	4	0	6	0	0	6	3	0	2	0	5	33
06:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	4

File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4
06:30 PM	1	2	0	0	3	0	0	0	0	0	0	2	1	0	3	0	1	0	0	1	7
06:45 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0	0	0	3
Total	2	5	0	0	7	0	0	1	0	1	0	7	1	0	8	0	1	1	0	2	18
Grand Total	17	148	0	0	165	16	0	29	0	45	0	178	10	0	188	64	12	15	0	91	489
Apprch %	10.3	89.7	0	0		35.6	0	64.4	0		0	94.7	5.3	0		70.3	13.2	16.5	0		
Total %	3.5	30.3	0	0	33.7	3.3	0	5.9	0	9.2	0	36.4	2	0	38.4	13.1	2.5	3.1	0	18.6	

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
09:15 AM	0	5	0	0	5	0	0	1	0	1	0	3	0	0	3	2	0	0	0	2	9
09:30 AM	0	1	0	0	1	0	0	1	0	1	0	10	0	0	10	2	0	0	0	2	18
09:45 AM	0	3	0	0	3	3	0	1	0	4	0	4	1	0	5	5	0	0	0	5	11
10:00 AM	1	5	0	0	6	0	0	1	0	1	0	7	0	0	7	4	1	1	0	6	20
Total	1	14	0	0	15	3	0	3	0	6	0	26	1	0	27	14	2	1	0	17	65
% App. Total	6.7	93.3	0	0		50	0	50	0		0	96.3	3.7	0		82.4	11.8	5.9	0		
PHF	.250	.700	.000	.625		.250	.000	.750	.375		.000	.650	.250	.675		.700	.500	.250	.708		.813

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 09:15 AM

09:15 AM	0	5	0	0	5	0	0	1	0	1	0	10	0	0	10	2	0	0	0	2	18
09:30 AM	0	1	0	0	1	0	0	1													

File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	2
06:45 AM	0	1	0	0	1	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	4
Total	0	2	0	0	2	0	0	1	0	1	0	5	0	0	5	1	0	0	0	0	1	9
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	2	0	0	0	0	2	5
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	1	0	0	0	1	4
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	1	3
Total	0	2	0	0	2	0	0	0	0	0	0	7	0	0	7	3	1	0	0	0	4	13
08:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	3
08:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	1	0	2	0	1	0	0	0	1	4
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	7	0	0	0	0	7	8
Total	0	2	0	0	2	0	0	0	0	0	0	5	1	0	6	8	1	0	0	0	9	17
09:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	3
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	1	1	0	2	0	0	1	0	0	1	5
09:30 AM	0	1	0	0	1	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	0	5
09:45 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	2	0	0	0	0	2	5
Total	0	5	0	0	5	0	0	0	0	0	0	6	2	0	8	4	0	1	0	0	5	18
10:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
10:15 AM	0	2	0	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	3
10:30 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	2	5
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
Total	0	5	0	0	5	0	0	1	0	1	0	2	0	0	2	4	0	0	0	0	4	12
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2	2
11:15 AM	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	2
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	0	1	3
11:45 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	2	0	0	2	0	0	1	0	1	0	3	0	0	3	1	1	1	0	0	3	9
12:00 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	1	2
12:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	3
12:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
Total	0	4	0	0	4	0	0	1	0	1	0	1	0	0	1	2	0	1	0	0	3	9
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	1	4
01:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
01:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Total	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	1	0	1	0	0	2	9
02:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
02:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
02:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
Total	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	4	0	0	0	0	4	8
03:00 PM	0	0	0	0	0	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	1	0	0	1	1	0	0	0	0	1	2
03:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	3
03:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	3
Total	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	3	0	0	0	0	3	8
04:00 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
04:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	6	0	0	6	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	9
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	3
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
05:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	2	0	0	0	0	2	5
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	2

File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3
Grand Total	0	36	0	0	36	0	0	4	0	4	0	43	4	0	47	35	3	4	0	42	129	
Apprch %	0	100	0	0		0	0	100	0		0	91.5	8.5	0		83.3	7.1	9.5	0			
Total %	0	27.9	0	0	27.9	0	0	3.1	0	3.1	0	33.3	3.1	0	36.4	27.1	2.3	3.1	0	32.6		

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	7	8
09:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	3
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	1	5
09:30 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	2	0	0	0	0	2	5
Total	0	4	0	0	4	0	0	0	0	0	0	5	2	0	7	9	0	1	0	10	21	
% App. Total	0	100	0	0		0	0	0	0		0	71.4	28.6	0		90	0	10	0			
PHF	.000	.500	.000	.500		.000	.000	.000	.000		.000	.417	.500	.438		.321	.000	.250	.357		.656	



File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	3	35	0	0	38	4	0	36	1	41	0	283	14	0	297	64	8	4	0	76	452
06:15 AM	6	51	0	0	57	7	0	40	0	47	0	344	19	0	363	69	5	2	0	76	543
06:30 AM	8	85	0	0	93	7	0	37	0	44	0	370	19	0	389	68	6	3	0	77	603
06:45 AM	9	131	0	0	140	9	0	45	0	54	0	355	25	0	380	84	14	6	0	104	678
Total	26	302	0	0	328	27	0	158	1	186	0	1352	77	0	1429	285	33	15	0	333	2276
07:00 AM	18	169	0	0	187	12	0	43	0	55	0	343	33	0	376	87	13	5	0	105	723
07:15 AM	12	136	0	1	149	12	0	63	0	75	0	342	29	0	371	91	13	7	0	111	706
07:30 AM	10	121	0	1	132	8	0	54	0	62	0	334	34	0	368	90	7	9	0	106	668
07:45 AM	16	119	0	1	136	7	0	45	0	52	0	309	25	0	334	109	24	12	0	145	667
Total	56	545	0	3	604	39	0	205	0	244	0	1328	121	0	1449	377	57	33	0	467	2764
08:00 AM	16	144	0	1	161	10	0	34	0	44	0	309	36	0	345	95	11	20	0	126	676
08:15 AM	15	158	0	0	173	11	0	42	0	53	0	321	27	0	348	48	14	16	1	79	653
08:30 AM	6	130	0	0	136	7	0	38	0	45	0	264	27	0	291	72	18	14	0	104	576
08:45 AM	8	160	0	0	168	16	0	55	0	71	0	268	25	0	293	117	36	22	0	175	707
Total	45	592	0	1	638	44	0	169	0	213	0	1162	115	0	1277	332	79	72	1	484	2612
09:00 AM	22	132	0	4	158	10	0	48	0	58	0	242	23	0	265	137	37	17	0	191	672
09:15 AM	19	146	0	0	165	12	0	49	0	61	0	243	23	0	266	129	27	16	0	172	664
09:30 AM	8	152	0	1	161	6	0	38	0	44	0	228	15	0	243	75	18	8	0	101	549
09:45 AM	22	121	0	0	143	20	0	33	0	53	0	218	20	0	238	85	10	17	0	112	546
Total	71	551	0	5	627	48	0	168	0	216	0	931	81	0	1012	426	92	58	0	576	2431
10:00 AM	12	134	0	0	146	12	0	24	0	36	0	183	13	0	196	54	7	11	0	72	450
10:15 AM	16	139	0	0	155	10	0	31	0	41	0	189	19	0	208	53	11	16	0	80	484
10:30 AM	15	164	0	1	180	19	0	39	0	58	0	146	18	0	164	45	8	18	0	71	473
10:45 AM	11	162	0	0	173	12	0	34	0	46	0	193	28	0	221	47	15	18	0	80	520
Total	54	599	0	1	654	53	0	128	0	181	0	711	78	0	789	199	41	63	0	303	1927
11:00 AM	25	147	0	0	172	25	0	32	0	57	0	182	19	0	201	32	14	12	0	58	488
11:15 AM	20	152	0	0	172	15	0	22	0	37	0	206	23	0	229	34	15	7	0	56	494
11:30 AM	26	188	0	0	214	15	0	35	0	50	0	193	22	0	215	30	10	10	0	50	529
11:45 AM	35	159	0	0	194	19	0	34	0	53	0	193	28	0	221	38	16	10	0	64	532
Total	106	646	0	0	752	74	0	123	0	197	0	774	92	0	866	134	55	39	0	228	2043
12:00 PM	25	194	0	0	219	27	0	39	0	66	0	185	22	0	207	43	14	19	0	76	568
12:15 PM	28	175	0	0	203	25	0	42	1	68	0	211	26	0	237	37	15	17	0	69	577
12:30 PM	26	177	0	0	203	17	0	40	2	59	0	208	22	0	230	24	11	11	0	46	538
12:45 PM	31	180	0	0	211	25	0	41	0	66	0	206	18	0	224	37	8	11	0	56	557
Total	110	726	0	0	836	94	0	162	3	259	0	810	88	0	898	141	48	58	0	247	2240
01:00 PM	30	178	0	0	208	23	0	39	0	62	0	184	22	0	206	29	11	4	0	44	520
01:15 PM	16	202	0	0	218	24	0	43	0	67	0	213	18	0	231	31	14	13	1	59	575
01:30 PM	31	219	0	0	250	35	0	35	0	70	0	155	19	0	174	32	11	10	0	53	547
01:45 PM	22	239	0	0	261	28	0	39	0	67	0	142	27	0	169	39	11	12	0	62	559
Total	99	838	0	0	937	110	0	156	0	266	0	694	86	0	780	131	47	39	1	218	2201
02:00 PM	19	237	0	0	256	24	0	36	0	60	0	178	18	0	196	39	11	17	0	67	579
02:15 PM	24	233	0	0	257	16	0	42	0	58	0	200	22	0	222	33	7	11	0	51	588
02:30 PM	19	240	0	0	259	19	0	33	0	52	0	208	37	0	245	50	6	13	0	69	625
02:45 PM	27	277	0	0	304	18	0	46	0	64	0	174	23	0	197	28	16	13	0	57	622
Total	89	987	0	0	1076	77	0	157	0	234	0	760	100	0	860	150	40	54	0	244	2414
03:00 PM	16	316	0	1	333	25	0	43	0	68	0	219	19	0	238	39	8	18	0	65	704
03:15 PM	22	352	0	0	374	26	0	42	0	68	0	190	28	0	218	42	8	18	0	68	728
03:30 PM	21	408	0	0	429	34	0	21	0	55	0	211	24	0	235	31	13	14	0	58	777
03:45 PM	27	400	0	1	428	34	0	34	0	68	0	182	24	0	206	58	18	11	0	87	789
Total	86	1476	0	2	1564	119	0	140	0	259	0	802	95	0	897	170	47	61	0	278	2998
04:00 PM	18	478	0	0	496	36	0	33	0	69	0	213	29	0	242	47	14	18	0	79	886
04:15 PM	19	541	0	0	560	44	0	40	0	84	0	194	19	0	213	39	16	10	0	65	922
04:30 PM	17	498	0	0	515	35	0	29	0	64	0	240	16	0	256	35	8	10	0	53	888
04:45 PM	20	505	0	1	526	27	0	41	0	68	0	192	29	0	221	71	12	11	0	94	909
Total	74	2022	0	1	2097	142	0	143	0	285	0	839	93	0	932	192	50	49	0	291	3605
05:00 PM	23	486	0	1	510	40	0	41	0	81	0	209	27	0	236	57	20	7	0	84	911
05:15 PM	26	464	0	0	490	43	0	32	0	75	0	187	26	0	213	75	16	11	0	102	880
05:30 PM	15	460	0	1	476	57	0	38	0	95	0	199	19	0	218	53	10	15	0	78	867
05:45 PM	23	447	0	1	471	47	0	34	0	81	0	193	29	0	222	46	15	9	0	70	844
Total	87	1857	0	3	1947	187	0	145	0	332	0	788	101	0	889	231	61	42	0	334	3502
06:00 PM	36	389	0	0	425	41	0	40	0	81	0	172	24	0	196	37	13	8	0	58	760

File Name : 5-Route 1 and NB I-95 Off Ramp\_Aquia Town Ctr Dr  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Aquia Town Center Dr Westbound					Rt 1 Northbound					I-95 Off Ramp Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	34	357	0	1	392	30	0	25	0	55	0	186	23	0	209	46	11	9	0	66	722
06:30 PM	34	271	0	0	305	30	0	41	0	71	0	171	23	0	194	38	9	10	0	57	627
06:45 PM	25	274	0	0	299	23	0	40	0	63	0	149	33	0	182	28	11	11	0	50	594
Total	129	1291	0	1	1421	124	0	146	0	270	0	678	103	0	781	149	44	38	0	231	2703
Grand Total	1032	12432	0	17	13481	1138	0	2000	4	3142	0	11629	1230	0	12859	2917	694	621	2	4234	33716
Approch %	7.7	92.2	0	0.1		36.2	0	63.7	0.1		0	90.4	9.6	0		68.9	16.4	14.7	0		
Total %	3.1	36.9	0	0.1	40	3.4	0	5.9	0	9.3	0	34.5	3.6	0	38.1	8.7	2.1	1.8	0	12.6	
Cars	1011	12142	0	17	13170	1101	0	1948	4	3053	0	11318	1193	0	12511	2809	679	602	2	4092	32826
% Cars	98	9																			

Groups Printed- Cars

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	40	0	0	40	0	0	0	0	0	0	305	1	0	306	0	0	0	0	0	346	
06:15 AM	1	50	2	0	53	1	0	5	0	6	0	348	0	0	348	0	0	0	0	0	407	
06:30 AM	3	82	0	0	85	0	0	3	0	3	1	435	0	0	436	1	0	2	0	3	527	
06:45 AM	0	117	4	0	121	1	0	6	0	7	3	415	1	0	419	1	0	0	0	1	548	
Total	4	289	6	0	299	2	0	14	0	16	4	1503	2	0	1509	2	0	2	0	4	1828	
07:00 AM	2	188	2	1	193	1	0	14	0	15	2	377	0	0	379	1	0	0	0	1	588	
07:15 AM	4	151	8	0	163	1	0	11	0	12	2	344	0	0	346	0	0	0	0	0	521	
07:30 AM	0	141	3	0	144	1	0	6	0	7	3	339	0	0	342	2	0	1	0	3	496	
07:45 AM	2	139	9	0	150	0	0	4	0	4	4	297	0	0	301	0	0	2	0	2	457	
Total	8	619	22	1	650	3	0	35	0	38	11	1357	0	0	1368	3	0	3	0	6	2062	
08:00 AM	3	135	6	0	144	5	0	1	0	6	3	317	4	0	324	5	0	1	0	6	480	
08:15 AM	1	154	14	0	169	0	0	1	0	1	8	275	0	0	283	0	1	1	0	2	455	
08:30 AM	3	126	15	0	144	1	0	5	0	6	8	287	0	0	295	5	0	4	0	9	454	
08:45 AM	5	166	25	2	198	0	0	1	0	1	8	270	0	0	278	10	0	2	0	12	489	
Total	12	581	60	2	655	6	0	8	0	14	27	1149	4	0	1180	20	1	8	0	29	1878	
09:00 AM	2	127	9	0	138	2	0	6	0	8	7	224	2	0	233	9	0	1	0	10	389	
09:15 AM	3	155	12	1	171	0	0	3	0	3	8	232	2	1	243	4	0	2	0	6	423	
09:30 AM	0	129	17	1	147	0	0	1	0	1	4	226	0	0	230	5	0	1	0	6	384	
09:45 AM	2	137	20	1	160	0	0	1	0	1	6	190	0	0	196	15	0	1	0	16	373	
Total	7	548	58	3	616	2	0	11	0	13	25	872	4	1	902	33	0	5	0	38	1569	
10:00 AM	1	120	18	2	141	0	0	2	0	2	6	180	0	0	186	8	0	4	0	12	341	
10:15 AM	1	141	15	2	159	1	0	3	0	4	7	177	0	1	185	12	0	2	0	14	362	
10:30 AM	2	167	21	1	191	0	0	1	0	1	8	153	0	1	162	15	0	1	0	16	370	
10:45 AM	1	157	24	0	182	0	0	3	0	3	11	190	0	0	201	13	0	3	0	16	402	
Total	5	585	78	5	673	1	0	9	0	10	32	700	0	2	734	48	0	10	0	58	1475	
11:00 AM	1	154	20	0	175	1	0	2	1	4	6	171	1	0	178	24	0	4	0	28	385	
11:15 AM	1	145	20	0	166	0	0	4	0	4	4	195	0	0	199	9	0	4	0	13	382	
11:30 AM	3	161	26	0	190	0	0	1	0	1	8	201	1	0	210	16	0	2	0	18	419	
11:45 AM	0	172	12	1	185	0	0	1	0	1	13	199	1	0	213	17	0	5	0	22	421	
Total	5	632	78	1	716	1	0	8	1	10	31	766	3	0	800	66	0	15	0	81	1607	
12:00 PM	1	205	23	1	230	0	0	1	0	1	6	186	1	0	193	23	0	6	0	29	453	
12:15 PM	3	189	10	0	202	1	0	2	0	3	14	200	0	0	214	16	0	1	0	17	436	
12:30 PM	4	175	18	0	197	0	1	3	0	4	11	197	0	1	209	16	0	2	0	18	428	
12:45 PM	1	201	16	0	218	0	0	0	0	0	6	196	0	0	202	13	0	2	0	15	435	
Total	9	770	67	1	847	1	1	6	0	8	37	779	1	1	818	68	0	11	0	79	1752	
01:00 PM	1	171	14	1	187	1	0	1	0	2	10	172	1	0	183	27	0	5	0	32	404	
01:15 PM	1	194	23	1	219	3	1	2	0	6	10	201	2	0	213	30	0	3	0	33	471	
01:30 PM	2	237	19	0	258	0	0	0	0	0	4	153	0	0	157	16	0	3	0	19	434	
01:45 PM	5	244	26	0	275	1	0	2	0	3	9	136	0	0	145	14	0	2	0	16	439	
Total	9	846	82	2	939	5	1	5	0	11	33	662	3	0	698	87	0	13	0	100	1748	
02:00 PM	4	261	18	1	284	0	0	2	0	2	7	161	1	0	169	22	0	4	0	26	481	
02:15 PM	4	223	27	1	255	0	0	0	0	0	3	205	1	0	209	15	0	3	0	18	482	
02:30 PM	2	241	11	0	254	0	0	2	0	2	5	208	0	0	213	12	0	4	0	16	485	
02:45 PM	3	288	25	0	316	0	0	1	0	1	7	170	0	0	177	12	0	6	0	18	512	
Total	13	1013	81	2	1109	0	0	5	0	5	22	744	2	0	768	61	0	17	0	78	1960	
03:00 PM	4	312	23	0	339	0	0	2	0	2	9	205	0	0	214	27	0	4	0	31	586	
03:15 PM	4	355	30	0	389	2	0	0	0	2	8	197	0	0	205	23	0	4	0	27	623	
03:30 PM	4	408	20	0	432	0	0	2	0	2	10	194	0	0	204	20	0	2	0	22	660	
03:45 PM	2	424	16	0	442	1	0	2	0	3	13	183	0	0	196	25	0	7	0	32	673	
Total	14	1499	89	0	1602	3	0	6	0	9	40	779	0	0	819	95	0	17	0	112	2542	
04:00 PM	11	474	30	0	515	0	1	3	0	4	13	201	0	0	214	21	0	5	0	26	759	
04:15 PM	9	542	22	0	573	0	0	4	0	4	9	176	0	0	185	23	0	4	0	27	789	
04:30 PM	1	478	23	1	503	2	0	4	0	6	9	212	2	0	223	24	0	4	0	28	760	
04:45 PM	15	497	29	0	541	0	0	5	0	5	13	218	1	0	232	11	0	4	0	15	793	
Total	36	1991	104	1	2132	2	1	16	0	19	44	807	3	0	854	79	0	17	0	96	3101	
05:00 PM	8	467	28	0	503	1	0	3	0	4	10	215	1	0	226	20	0	5	0	25	758	
05:15 PM	9	479	22	1	511	0	1	4	0	5	12	186	1	0	199	18	0	4	0	22	737	
05:30 PM	14	488	27	1	530	0	0	2	0	2	3	179	0	0	182	22	0	5	0	27	741	
05:45 PM	8	488	18	0	514	0	0	3	0	3	5	210	1	0	216	17	0	7	0	24	757	
Total	39	1922	95	2	2058	1	1	12	0	14	30	790	3	0	823	77	0	21	0	98	2993	
06:00 PM	11	423	22	1	457	1	2	5	0	8	5	170	0	0	175	24	0	6	0	30	670	

Groups Printed- Cars

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	5	372	22	0	399	2	1	4	0	7	7	186	2	0	195	19	0	8	0	27	628	
06:30 PM	6	272	17	0	295	1	0	3	0	4	4	169	3	0	176	17	0	6	0	23	498	
06:45 PM	6	271	16	0	293	1	1	4	0	6	6	184	0	0	190	11	0	1	0	12	501	
Total	28	1338	77	1	1444	5	4	16	0	25	22	709	5	0	736	71	0	21	0	92	2297	
Grand Total	189	12633	897	21	13740	32	8	151	1	192	358	11617	30	4	12009	710	1	160	0	871	26812	
Approch %	1.4	91.9	6.5	0.2		16.7	4.2	78.6	0.5		3	96.7	0.2	0		81.5	0.1	18.4	0			
Total %	0.7	47.1	3.3	0.1	51.2	0.1	0	0.6	0	0.7	1.3	43.3	0.1	0	44.8	2.6	0	0.6	0	3.2		

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:30 AM	3	82	0	0	85	0	0	3	3	3	1	435	0	436	1	0	2	3	527		
06:45 AM	0	117	4	0	121	1	0	6													

Groups Printed- Buses

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	5
06:15 AM	0	0	0	0	0	0	0	1	0	1	0	4	1	0	5	0	0	0	0	0	6
06:30 AM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
06:45 AM	0	16	0	0	16	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	18
Total	0	21	0	0	21	0	0	1	0	1	0	13	1	0	14	0	0	0	0	0	36
07:00 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
07:15 AM	0	4	0	0	4	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	19
07:30 AM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
07:45 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
Total	0	11	0	0	11	0	0	0	0	0	0	19	0	0	19	0	0	0	0	0	30
08:00 AM	0	3	0	0	3	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	7
08:15 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	6
08:30 AM	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	11
08:45 AM	0	8	0	0	8	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	9
Total	0	18	0	0	18	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	33
09:00 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:30 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
09:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	6	0	0	6	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	7
10:00 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
10:15 AM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	5
11:00 AM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
11:45 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
Total	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	11
12:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	5
01:00 PM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	6
01:15 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
01:30 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
01:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	10	0	0	10	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	13
02:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
02:30 PM	0	5	0	0	5	0	0	0	0	0	0	21	0	0	21	0	0	0	0	0	26
02:45 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
Total	0	8	0	0	8	0	0	0	0	0	0	26	0	0	26	0	0	0	0	0	34
03:00 PM	0	6	0	0	6	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	9
03:15 PM	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	5
03:30 PM	0	1	0	0	1	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	6
03:45 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	0	11	0	0	11	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	23
04:00 PM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
04:15 PM	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	8
04:30 PM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	15	0	0	15	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	22
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
Total	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	9
06:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Groups Printed- Buses

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:30 PM	0	0	0	0	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	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Grand Total	0	116	0	0	116	0	0	1	0	1	0	112	1	0	113	0	0	0	0	0	230
Approch %	0	100	0	0		0	0	100	0		0	99.1	0.9	0		0	0	0	0		
Total %	0	50.4	0	0	50.4	0	0	0.4	0	0.4	0	48.7	0.4	0	49.1	0	0	0	0	0	

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:30 AM	0	5	0	0	5	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	7
06:45 AM	0	16	0	0	16	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	18
07:00 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
07:15 AM	0	4	0	0	4	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	19
Total Volume	0	27	0	0	27	0	0	0	0	0	0	20	0	0	20	0	0	0	0	0	47
% App. Total	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0		
PHF	.000	.422	.000	.000	.422	.000	.000	.000	.000	.000	.000	.333	.000	.333	.000	.000	.000	.000	.000	.000	.618

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 06:30 AM

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
02:30 PM	0	5	0	0	5	0	0														



Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
06:15 AM	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	0	4
06:30 AM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	1	6
06:45 AM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4
Total	0	4	0	0	4	0	0	0	0	0	1	11	0	0	12	1	0	0	0	0	1	17
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
07:15 AM	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	7
07:30 AM	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	7
07:45 AM	0	3	0	0	3	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	14
Total	0	7	0	0	7	0	0	0	0	0	0	23	0	0	23	0	0	0	0	0	0	30
08:00 AM	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	10
08:15 AM	0	4	0	0	4	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	13
08:30 AM	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	9
08:45 AM	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	11
Total	0	16	0	0	16	0	0	0	0	0	0	27	0	0	27	0	0	0	0	0	0	43
09:00 AM	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	7
09:15 AM	0	5	0	0	5	0	0	0	0	0	1	11	0	0	12	0	0	0	0	0	0	17
09:30 AM	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	5
09:45 AM	0	7	0	0	7	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	14
Total	0	15	0	0	15	0	0	0	0	0	1	27	0	0	28	0	0	0	0	0	0	43
10:00 AM	0	6	0	0	6	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	10
10:15 AM	0	2	0	0	2	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	5
10:30 AM	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	1	0	0	0	1	7
10:45 AM	0	5	0	0	5	0	0	0	0	0	1	5	0	0	6	0	0	0	0	0	0	11
Total	0	16	0	0	16	0	0	0	0	0	2	14	0	0	16	0	1	0	0	0	1	33
11:00 AM	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	8
11:15 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	6
11:30 AM	0	9	1	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
11:45 AM	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	11
Total	0	19	1	0	20	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	35
12:00 PM	0	4	0	0	4	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	12
12:15 PM	0	4	1	0	5	0	0	0	0	0	0	6	0	0	6	2	0	0	0	0	2	13
12:30 PM	0	7	0	0	7	0	0	0	0	0	0	4	0	0	4	1	0	0	0	0	1	12
12:45 PM	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	6
Total	0	18	1	0	19	0	0	0	0	0	0	21	0	0	21	3	0	0	0	0	3	43
01:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
01:15 PM	0	7	0	0	7	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	9
01:30 PM	0	7	0	0	7	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	9
01:45 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4
Total	0	18	0	0	18	0	0	0	0	0	0	5	0	0	5	1	0	0	0	0	1	24
02:00 PM	0	0	1	0	1	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	7
02:15 PM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	4
02:30 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
02:45 PM	0	5	0	0	5	0	0	0	0	0	1	1	0	0	2	1	0	0	0	0	1	8
Total	0	8	1	0	9	0	0	0	0	0	1	11	0	0	12	1	0	0	0	0	1	22
03:00 PM	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	5
03:15 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4
03:30 PM	0	7	0	0	7	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	9
03:45 PM	0	0	1	0	1	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	7
Total	0	13	1	0	14	0	0	0	0	0	0	10	0	0	10	1	0	0	0	0	1	25
04:00 PM	0	6	1	0	7	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	11
04:15 PM	0	1	0	0	1	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	3
04:30 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	0	5
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2
Total	0	10	1	0	11	0	0	1	0	1	0	7	0	0	7	0	0	2	0	2	0	21
05:00 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4
05:15 PM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	6
05:30 PM	0	3	1	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	5
05:45 PM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	5
Total	0	15	1	0	16	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	20
06:00 PM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
06:30 PM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
Total	0	7	0	0	7	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	15
Grand Total	0	166	6	0	172	0	0	1	0	1	5	183	0	0	188	7	1	2	0	10	0	371
Approch %	0	96.5	3.5	0		0	0	100	0		2.7	97.3	0	0		70	10	20	0			
Total %	0	44.7	1.6	0	46.4	0	0	0.3	0	0.3	1.3	49.3	0	0	50.7	1.9	0.3	0.5	0	2.7		

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
07:45 AM	0	3	0	0	3	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	0	14
08:00 AM	0	4	0	0	4	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	10
08:15 AM	0	4	0	0	4	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	13
08:30 AM	0	3	0	0	3	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	9
Total Volume	0	14	0	0	14	0	0	0	0	0	0	32	0	0	32	0	0	0	0	0	0	46
% App. Total	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0			
PHF	.000	.875	.000	.875		.000	.000	.000	.000		.000	.727	.000	.727		.000	.000	.000</				

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
06:45 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
Total	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	7
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
Total	0	2	0	0	2	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	11
08:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	6
09:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	5
09:30 AM	0	1	0	0	1	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	4
09:45 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
Total	0	5	0	0	5	0	0	1	0	1	0	7	1	0	8	0	0	0	0	0	0	14
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
10:15 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
10:30 AM	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	4
10:45 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	3	2	0	5	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	1	9
11:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
11:45 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	1	0	0	1	7
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
12:30 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
12:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	6	0	0	6	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	7
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
01:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
01:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
01:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	6
02:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
02:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4
03:00 PM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
03:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
03:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	5
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
Grand Total	0	36	2	0	38	0	0	1	0	1	0	44	1	0	45	1	0	1	0	2	0	86
Approch %	0	94.7	5.3	0		0	0	100	0		0	97.8	2.2	0		50	0	50	0			
Total %	0	41.9	2.3	0	44.2	0	0	1.2	0	1.2	0	51.2	1.2	0	52.3	1.2	0	1.2	0	2.3		

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
09:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	5
09:30 AM	0	1	0	0	1	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	4
09:45 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
Total	0	5	0	0	5	0	0	1	0	1	0	7	1	0	8	0	0	0	0	0	0	14
Total Volume	0	5	0	0	5	0	0	1	0	1	0	7	1	0	8	0	0	0	0	0	0	14
% App. Total	0	100	0	0		0	0	100	0		0	87.5	12.5	0		0	0	0	0			
PHF	.000	.625	.000	.000	.625	.000	.000	.250														



Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Ent/Ext Westbound					Rt 1 Northbound					Aquia Park Eastbound					Int. Total					
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total						
06:00 AM	0	42	0	0	42	0	0	0	0	0	0	312	1	0	313	0	0	0	0	0	0	0	0	0	0	355
06:15 AM	1	50	2	0	53	1	0	6	0	7	1	357	1	0	359	0	0	0	0	0	0	0	0	0	0	419
06:30 AM	3	89	0	0	92	0	0	3	0	3	1	441	0	0	442	2	0	2	0	4	0	0	0	0	0	541
06:45 AM	0	135	4	0	139	1	0	6	0	7	3	422	1	0	426	1	0	0	0	1	0	0	0	0	0	573
<b>Total</b>	<b>4</b>	<b>316</b>	<b>6</b>	<b>0</b>	<b>326</b>	<b>2</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>17</b>	<b>5</b>	<b>1532</b>	<b>3</b>	<b>0</b>	<b>1540</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>1888</b>
07:00 AM	2	190	2	1	195	1	0	14	0	15	2	382	0	0	384	1	0	0	0	1	0	0	0	0	0	595
07:15 AM	4	158	8	0	170	1	0	11	0	12	2	365	0	0	367	0	0	0	0	0	0	0	0	0	0	549
07:30 AM	0	147	3	0	150	1	0	6	0	7	3	348	0	0	351	2	0	1	0	3	0	0	0	0	0	511
07:45 AM	2	144	9	0	155	0	0	4	0	4	4	313	0	0	317	0	0	2	0	2	0	0	0	0	0	478
<b>Total</b>	<b>8</b>	<b>639</b>	<b>22</b>	<b>1</b>	<b>670</b>	<b>3</b>	<b>0</b>	<b>35</b>	<b>0</b>	<b>38</b>	<b>11</b>	<b>1408</b>	<b>0</b>	<b>0</b>	<b>1419</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>2133</b>
08:00 AM	3	143	6	0	152	5	0	1	0	6	3	328	4	0	335	5	0	1	0	6	0	0	0	0	0	499
08:15 AM	1	160	14	0	175	0	0	1	0	1	8	289	0	0	297	0	1	1	0	2	0	0	0	0	0	475
08:30 AM	3	134	15	0	152	1	0	5	0	6	8	302	0	0	310	5	0	4	0	9	0	0	0	0	0	477
08:45 AM	5	179	25	2	211	0	0	1	0	1	8	277	0	0	285	10	0	2	0	12	0	0	0	0	0	509
<b>Total</b>	<b>12</b>	<b>616</b>	<b>60</b>	<b>2</b>	<b>690</b>	<b>6</b>	<b>0</b>	<b>8</b>	<b>0</b>	<b>14</b>	<b>27</b>	<b>1196</b>	<b>4</b>	<b>0</b>	<b>1227</b>	<b>20</b>	<b>1</b>	<b>8</b>	<b>0</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1960</b>
09:00 AM	2	132	9	0	143	2	0	6	0	8	7	230	2	0	239	9	0	1	0	10	0	0	0	0	0	400
09:15 AM	3	164	12	1	180	0	0	3	0	3	9	245	3	1	258	4	0	2	0	6	0	0	0	0	0	447
09:30 AM	0	132	17	1	150	0	0	2	0	2	4	233	0	0	237	5	0	1	0	6	0	0	0	0	0	395
09:45 AM	2	146	20	1	169	0	0	1	0	1	6	199	0	0	205	15	0	1	0	16	0	0	0	0	0	391
<b>Total</b>	<b>7</b>	<b>574</b>	<b>58</b>	<b>3</b>	<b>642</b>	<b>2</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>14</b>	<b>26</b>	<b>907</b>	<b>5</b>	<b>1</b>	<b>939</b>	<b>33</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>38</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1633</b>
10:00 AM	1	128	18	2	149	0	0	2	0	2	6	187	0	0	193	8	0	4	0	12	0	0	0	0	0	356
10:15 AM	1	145	15	2	163	1	0	3	0	4	8	179	0	1	188	12	0	2	0	14	0	0	0	0	0	369
10:30 AM	2	171	22	1	196	0	0	1	0	1	8	158	0	1	167	16	1	1	0	18	0	0	0	0	0	382
10:45 AM	1	162	25	0	188	0	0	3	0	3	12	196	0	0	208	13	0	3	0	16	0	0	0	0	0	415
<b>Total</b>	<b>5</b>	<b>606</b>	<b>80</b>	<b>5</b>	<b>696</b>	<b>1</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>10</b>	<b>34</b>	<b>720</b>	<b>0</b>	<b>2</b>	<b>756</b>	<b>49</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1522</b>
11:00 AM	1	160	20	0	181	1	0	2	1	4	6	178	1	0	185	24	0	5	0	29	0	0	0	0	0	399
11:15 AM	1	147	20	0	168	0	0	4	0	4	4	201	0	0	205	9	0	4	0	13	0	0	0	0	0	390
11:30 AM	3	172	27	0	202	0	0	1	0	1	8	204	1	0	213	16	0	2	0	18	0	0	0	0	0	434
11:45 AM	0	181	12	1	194	0	0	1	0	1	13	206	1	0	220	17	0	5	0	22	0	0	0	0	0	437
<b>Total</b>	<b>5</b>	<b>660</b>	<b>79</b>	<b>1</b>	<b>745</b>	<b>1</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>10</b>	<b>31</b>	<b>789</b>	<b>3</b>	<b>0</b>	<b>823</b>	<b>66</b>	<b>0</b>	<b>16</b>	<b>0</b>	<b>82</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1660</b>
12:00 PM	1	211	23	1	236	0	0	1	0	1	6	194	1	0	201	23	0	6	0	29	0	0	0	0	0	467
12:15 PM	3	194	11	0	208	1	0	2	0	3	14	208	0	0	222	18	0	1	0	19	0	0	0	0	0	452
12:30 PM	4	185	18	0	207	0	1	3	0	4	11	203	0	1	215	17	0	2	0	19	0	0	0	0	0	445
12:45 PM	1	206	16	0	223	0	0	0	0	0	6	199	0	0	205	13	0	2	0	15	0	0	0	0	0	443
<b>Total</b>	<b>9</b>	<b>796</b>	<b>68</b>	<b>1</b>	<b>874</b>	<b>1</b>	<b>1</b>	<b>6</b>	<b>0</b>	<b>8</b>	<b>37</b>	<b>804</b>	<b>1</b>	<b>1</b>	<b>843</b>	<b>71</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>82</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1807</b>
01:00 PM	1	177	14	1	193	1	0	1	0	2	10	175	1	0	186	27	0	5	0	32	0	0	0	0	0	413
01:15 PM	1	205	23	1	230	3	1	2	0	6	10	204	2	0	216	30	0	3	0	33	0	0	0	0	0	485
01:30 PM	2	246	19	0	267	0	0	0	0	0	4	157	0	0	161	17	0	3	0	20	0	0	0	0	0	448
01:45 PM	5	249	26	0	280	1	0	2	0	3	9	137	0	0	146	14	0	2	0	16	0	0	0	0	0	445
<b>Total</b>	<b>9</b>	<b>877</b>	<b>82</b>	<b>2</b>	<b>970</b>	<b>5</b>	<b>1</b>	<b>5</b>	<b>0</b>	<b>11</b>	<b>33</b>	<b>673</b>	<b>3</b>	<b>0</b>	<b>709</b>	<b>88</b>	<b>0</b>	<b>13</b>	<b>0</b>	<b>101</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1791</b>
02:00 PM	4	263	19	1	287	0	0	2	0	2	7	169	1	0	177	22	0	4	0	26	0	0	0	0	0	492
02:15 PM	4	225	27	1	257	0	0	0	0	0	3	211	1	0	215	15	0	3	0	18	0	0	0	0	0	490
02:30 PM	2	248	11	0	261	0	0	2	0	2	5	230	0	0	235	12	0	4	0	16	0	0	0	0	0	514
02:45 PM	3	295	25	0	323	0	0	1	0	1	8	173	0	0	181	13	0	6	0	19	0	0	0	0	0	524
<b>Total</b>	<b>13</b>	<b>1031</b>	<b>82</b>	<b>2</b>	<b>1128</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>5</b>	<b>23</b>	<b>783</b>	<b>2</b>	<b>0</b>	<b>808</b>	<b>62</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>79</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2020</b>
03:00 PM	4	322	23	0	349	0	0	2	0	2	9	208	0	0	217	28	0	4	0	32	0	0	0	0	0	600
03:15 PM	4	358	30	0	392	2	0	0	0	2	8	204	0	0	212	23	0	4	0	27	0	0	0	0	0	633
03:30 PM	4	417	20	0	441	0	0	2	0	2	10	202	0	0	212	20	0	2	0	22	0	0	0	0	0	677
03:45 PM	2	429	17	0	448	1	0	2	0	3	13	189	0	0	202	25	0	7	0	32	0	0	0	0	0	685
<b>Total</b>	<b>14</b>	<b>1526</b>	<b>90</b>	<b>0</b>	<b>1630</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>9</b>	<b>40</b>	<b>803</b>	<b>0</b>	<b>0</b>	<b>843</b>	<b>96</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>113</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2595</b>
04:00 PM	11	485	31	0	527	0	1	3	0	4	13	207	0	0	220	21	0	5	0	26	0	0	0	0	0	777
04:15 PM	9	550	22	0	581	0	0	5	0	5	9	182	0	0	191	23	0	4	0	27	0	0	0	0	0	804
04:30 PM	1	486	23	1	511	2	0	4	0	6	9	216	2	0	227	24	0	5	0	29	0	0	0	0	0	773
04:45 PM	15	499	29	0	543	0	0	5	0	5	13	218	1	0	232	11	0	5	0	16	0	0	0	0	0	796
<b>Total</b>	<b>36</b>	<b>2020</b>	<b>105</b>	<b>1</b>	<b>2162</b>	<b>2</b>	<b>1</b>	<b>17</b>	<b>0</b>	<b>20</b>	<b>44</b>	<b>823</b>	<b>3</b>	<b>0</b>	<b>870</b>	<b>79</b>	<b>0</b>	<b>19</b>	<b>0</b>	<b>98</b>	<b>0</b> </					

Peggy Malone & Associates  
904-992-8072

File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Cars

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	36	2	0	38	0	0	0	0	0	0	283	0	0	283	0	0	0	0	0	0	321
06:15 AM	0	47	4	0	51	0	0	0	0	0	0	329	0	0	329	0	0	0	0	0	0	380
06:30 AM	0	79	6	0	85	0	0	0	0	0	3	393	0	0	396	0	0	0	0	0	0	481
06:45 AM	0	111	11	0	122	0	0	0	0	0	2	432	0	0	434	1	0	0	0	0	1	557
Total	0	273	23	0	296	0	0	0	0	0	5	1437	0	0	1442	1	0	0	0	0	1	1739
07:00 AM	0	164	9	0	173	0	0	0	0	0	4	359	0	0	363	0	0	1	0	0	1	537
07:15 AM	0	124	8	0	132	0	0	0	0	0	3	317	0	0	320	0	0	2	0	0	2	454
07:30 AM	0	114	15	0	129	0	0	0	0	0	2	343	0	0	345	0	0	0	0	0	0	474
07:45 AM	2	108	11	0	121	0	0	0	0	0	3	303	0	0	306	0	0	1	0	0	1	428
Total	2	510	43	0	555	0	0	0	0	0	12	1322	0	0	1334	0	0	4	0	0	4	1893
08:00 AM	0	111	20	0	131	0	0	0	0	0	3	276	0	0	279	1	0	0	0	0	1	411
08:15 AM	1	130	18	0	149	0	0	0	0	0	1	266	0	1	268	1	0	1	0	0	2	419
08:30 AM	1	124	3	0	128	0	0	0	0	0	4	293	0	0	297	2	0	0	0	0	2	427
08:45 AM	2	150	8	0	160	0	0	0	0	0	2	274	1	0	277	1	0	0	0	0	1	438
Total	4	515	49	0	568	0	0	0	0	0	10	1109	1	1	1121	5	0	1	0	0	6	1695
09:00 AM	0	124	1	0	125	0	0	0	0	0	1	243	0	0	244	1	0	0	0	0	1	370
09:15 AM	0	151	1	0	152	0	0	0	0	0	3	257	1	0	261	2	0	0	0	0	2	415
09:30 AM	1	135	3	0	139	0	0	0	0	0	0	217	1	0	218	3	0	0	0	0	3	360
09:45 AM	2	134	3	0	139	0	0	0	0	0	1	209	0	0	210	0	0	1	0	0	1	350
Total	3	544	8	0	555	0	0	0	0	0	5	926	2	0	933	6	0	1	0	0	7	1495
10:00 AM	1	125	1	0	127	1	0	1	0	2	1	187	0	0	188	3	0	0	0	0	3	320
10:15 AM	0	150	4	0	154	0	0	0	0	0	0	183	1	0	184	3	0	0	0	0	3	341
10:30 AM	1	160	3	0	164	0	0	1	0	1	1	156	1	0	158	2	0	1	0	0	3	326
10:45 AM	0	154	2	0	156	1	0	0	0	1	0	192	0	0	192	3	0	0	0	0	3	352
Total	2	589	10	0	601	2	0	2	0	4	2	718	2	0	722	11	0	1	0	0	12	1339
11:00 AM	0	159	0	0	159	0	1	0	0	1	0	175	0	0	175	6	1	0	0	0	7	342
11:15 AM	1	147	1	0	149	1	0	1	0	2	0	185	0	0	185	6	1	1	0	0	8	344
11:30 AM	0	161	4	0	165	1	0	1	0	2	2	209	0	0	211	11	0	4	0	0	15	393
11:45 AM	0	176	6	0	182	0	0	1	0	1	2	201	1	0	204	2	0	4	0	0	6	393
Total	1	643	11	0	655	2	1	3	0	6	4	770	1	0	775	25	2	9	0	0	36	1472
12:00 PM	0	218	2	0	220	1	0	3	0	4	0	185	0	0	185	6	0	1	0	0	7	416
12:15 PM	0	188	7	0	195	0	0	0	0	0	2	205	0	0	207	10	0	1	0	0	11	413
12:30 PM	2	175	7	0	184	1	0	0	0	1	2	205	0	0	207	1	0	2	0	0	3	395
12:45 PM	0	199	7	0	206	0	0	0	0	0	2	189	1	0	192	11	0	0	0	0	11	409
Total	2	780	23	0	805	2	0	3	0	5	6	784	1	0	791	28	0	4	0	0	32	1633
01:00 PM	1	172	6	0	179	0	0	0	0	0	2	186	0	0	188	4	0	1	0	0	5	372
01:15 PM	1	194	9	0	204	0	0	0	0	0	3	198	1	0	202	1	0	2	0	0	3	409
01:30 PM	0	234	4	0	238	0	0	0	0	0	0	154	0	0	154	3	0	0	0	0	3	395
01:45 PM	1	231	7	0	239	1	0	0	0	1	2	148	0	0	150	2	0	0	0	0	2	392
Total	3	831	26	0	860	1	0	0	0	1	7	686	1	0	694	10	0	3	0	0	13	1568
02:00 PM	0	267	4	0	271	0	0	0	0	0	0	162	0	0	162	1	0	3	0	0	4	437
02:15 PM	0	235	0	0	235	1	0	0	0	1	0	186	1	0	187	1	0	4	0	0	5	428
02:30 PM	2	245	3	0	250	0	1	2	0	3	2	202	1	0	205	3	0	1	0	0	4	462
02:45 PM	1	294	1	0	296	0	0	1	0	1	0	173	0	0	173	1	0	0	0	0	1	471
Total	3	1041	8	0	1052	1	1	3	0	5	2	723	2	0	727	6	0	8	0	0	14	1798
03:00 PM	0	331	1	0	332	1	0	0	0	1	3	209	0	0	212	3	0	3	0	0	6	551
03:15 PM	0	348	1	1	350	1	0	0	0	1	0	208	0	0	208	2	0	6	0	0	8	567
03:30 PM	0	416	1	0	417	0	0	0	0	0	0	184	1	0	185	3	0	7	0	0	10	612
03:45 PM	1	438	1	0	440	0	0	0	0	0	0	195	2	0	197	2	0	2	0	0	4	641
Total	1	1533	4	1	1539	2	0	0	0	2	3	796	3	0	802	10	0	18	0	0	28	2371
04:00 PM	1	477	2	0	480	0	0	1	0	1	0	197	0	0	197	8	0	4	0	0	12	690
04:15 PM	0	547	0	0	547	1	0	0	0	1	0	175	0	0	175	3	0	11	0	0	14	737
04:30 PM	0	475	0	0	475	0	0	0	0	0	1	208	1	0	210	0	0	11	0	0	11	696
04:45 PM	0	512	0	0	512	0	0	2	0	2	0	229	0	0	229	2	0	6	0	0	8	751
Total	1	2011	2	0	2014	1	0	3	0	4	1	809	1	0	811	13	0	32	0	0	45	2874
05:00 PM	0	499	0	0	499	0	0	2	0	2	0	204	1	1	206	5	0	15	0	0	20	727
05:15 PM	0	494	0	0	494	0	0	0	0	0	0	182	0	0	182	1	0	15	0	0	16	692
05:30 PM	0	512	0	0	512	3	0	0	0	3	0	176	0	0	176	1	0	5	0	0	6	697
05:45 PM	1	488	0	0	489	0	0	0	0	0	0	204	0	0	204	1	1	3	0	0	5	698
Total	1	1993	0	0	1994	3	0	2	0	5	0	766	1	1	768	8	1	38	0	0	47	2814
06:00 PM	1	471	0	0	472	0	0	0	0	0	0	168	0	0	168	0	0	1	0	0	1	641

Peggy Malone & Associates  
904-992-8072

File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Cars

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	401	0	0	401	0	0	0	0	0	0	191	0	0	191	1	0	3	0	0	4	596
06:30 PM	1	297	1	0	299	0	0	0	0	0	0	178	0	0	178	2	0	2	0	0	4	481
06:45 PM	0	294	0	0	294	0	0	0	0	0	0	184	0	0	184	0	0	0	0	0	0	478
Total	2	1463	1	0	1466	0	0	0	0	0	0	721	0	0	721	3	0	6	0	0	9	2196
Grand Total	25	12726	208	1	12960	14	2	16	0	32	57	11567	15	2	11641	126	3	125	0	254	24887	
Apprch %	0.2	98.2	1.6	0		43.8	6.2	50	0		0.5	99.4	0.1	0		49.6	1.2	49.2	0			
Total %	0.1	51.1	0.8	0	52.1	0.1	0	0.1	0	0.1	0.2	46.5	0.1	0	46.8	0.5	0	0.5	0	1		

Start Time	Rt 1 Southbound				Ent/Exit Westbound				Rt 1 Northbound				Ent/Exit Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
06:30 AM	0	79	6	85	0	0	0	0	3	393	0	396	0	0	0	0	481
06:45 AM	0	111	11	122	0	0	0	0	2	432	0	434	1	0	0	1	557
07:00 AM	0	164	9	173	0</												

File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Buses

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	6	0	0	0	0	0	6
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
06:30 AM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6
06:45 AM	0	16	0	0	16	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	18
Total	0	20	0	0	20	0	0	0	0	0	0	13	1	0	14	0	0	0	0	0	0	34
07:00 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
07:15 AM	0	4	0	0	4	0	0	0	0	0	0	14	0	0	14	0	0	0	0	0	0	18
07:30 AM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	5
07:45 AM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6
Total	0	13	0	0	13	0	0	0	0	0	0	19	0	0	19	0	0	0	0	0	0	32
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
08:15 AM	0	2	0	0	2	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	6
08:30 AM	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	11
08:45 AM	0	9	0	0	9	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	10
Total	0	16	0	0	16	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	0	31
09:00 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:30 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	6	0	0	6	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	7
10:00 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
10:15 AM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5
11:00 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	5
11:45 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
Total	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	11
12:00 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	6
01:00 PM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	6
01:15 PM	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
01:30 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
01:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	9	1	0	10	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	13
02:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
02:30 PM	0	5	0	0	5	0	0	0	0	0	0	20	0	0	20	0	0	0	0	0	0	25
02:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
Total	0	7	0	0	7	0	0	0	0	0	0	26	0	0	26	0	0	0	0	0	0	33
03:00 PM	0	6	0	0	6	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	9
03:15 PM	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	5
03:30 PM	0	1	0	0	1	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	6
03:45 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	0	11	0	0	11	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	0	23
04:00 PM	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	8
04:15 PM	0	5	0	0	5	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	8
04:30 PM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	6
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	15	0	0	15	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	0	23
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
Total	0	4	0	0	4	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	7
06:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Buses

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Grand Total	0	115	1	0	116	0	0	0	0	0	0	111	1	0	112	0	0	0	0	0	0	228
Approch %	0	99.1	0.9	0		0	0	0	0	0	0	99.1	0.9	0		0	0	0	0	0	0	
Total %	0	50.4	0.4	0	50.9	0	0	0	0	0	0	48.7	0.4	0	49.1	0	0	0	0	0	0	

Start Time	Rt 1 Southbound				Ent/Exit Westbound				Rt 1 Northbound				Ent/Exit Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
06:30 AM	0	4	0	4	0	0	0	0	0	2	0	2	0	0	0	0	6
06:45 AM	0	16	0	16	0	0	0	0	0	2	0	2	0	0	0	0	18
07:00 AM	0	2	0	2	0	0	0	0	0	1	0	1	0	0	0	0	3
07:15 AM	0	4	0	4	0	0	0	0	0	14	0	14	0	0	0	0	18
Total Volume	0	26	0	26	0	0	0	0	0	19	0	19	0	0	0	0	45
% App. Total	0	100	0		0	0	0	0	0	100	0		0	0	0		
PHF	.000	.406	.000	.406	.000	.000	.000	.000	.000	.339	.000	.339	.000	.000	.000	.000	.625

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 06:30 AM

02:30 PM	0	5	0	5	0	0	0	0	0	20	0	20	0	0	0
----------	---	---	---	---	---	---	---	---	---	----	---	----	---	---	---

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	4
06:30 AM	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	8
06:45 AM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
Total	0	4	0	0	4	0	0	0	0	0	0	14	0	0	14	1	0	0	0	1	19
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	7
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	8
Total	0	2	0	0	2	0	0	0	0	0	0	20	0	0	20	0	0	0	0	0	22
08:00 AM	0	7	0	0	7	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	12
08:15 AM	0	4	0	0	4	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	14
08:30 AM	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	8
08:45 AM	0	7	0	0	7	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	12
Total	0	21	0	0	21	0	0	0	0	0	0	25	0	0	25	0	0	0	0	0	46
09:00 AM	0	2	0	0	2	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	8
09:15 AM	0	4	0	0	4	0	0	0	0	0	0	12	0	0	12	0	0	0	0	0	16
09:30 AM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
09:45 AM	0	5	0	0	5	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	11
Total	0	12	0	0	12	0	0	0	0	0	0	27	0	0	27	0	0	0	0	0	39
10:00 AM	0	7	0	0	7	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	10
10:15 AM	0	2	0	0	2	0	0	0	0	0	0	3	1	0	4	0	0	0	0	0	6
10:30 AM	0	4	0	0	4	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	9
10:45 AM	0	6	0	0	6	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	13
Total	0	19	0	0	19	0	0	0	0	0	0	18	1	0	19	0	0	0	0	0	38
11:00 AM	0	4	0	0	4	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	12
11:15 AM	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	5
11:30 AM	0	7	0	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
11:45 AM	0	5	0	0	5	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	9
Total	0	17	0	0	17	0	0	0	0	0	0	16	0	0	16	0	0	0	0	0	33
12:00 PM	0	2	0	0	2	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	10
12:15 PM	0	5	0	0	5	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	12
12:30 PM	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	11
12:45 PM	0	5	0	0	5	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	9
Total	0	18	0	0	18	0	0	0	0	0	0	24	0	0	24	0	0	0	0	0	42
01:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
01:15 PM	0	4	0	0	4	1	0	0	0	1	0	2	0	0	2	0	0	1	0	1	8
01:30 PM	0	8	0	0	8	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	10
01:45 PM	0	3	0	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	5
Total	0	16	0	0	16	1	0	0	0	1	0	7	0	0	7	0	0	1	0	1	25
02:00 PM	0	1	0	0	1	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	6
02:15 PM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	4
02:30 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
02:45 PM	0	6	0	0	6	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	8
Total	0	10	0	0	10	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	21
03:00 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
03:15 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
03:30 PM	0	5	0	0	5	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	9
03:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3
Total	0	10	0	0	10	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	19
04:00 PM	0	6	1	0	7	0	0	0	0	0	0	3	0	0	3	0	0	1	0	1	11
04:15 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
04:30 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
04:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	13	1	0	14	0	0	0	0	0	0	5	0	0	5	0	0	1	0	1	20
05:00 PM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
05:15 PM	0	5	0	0	5	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	9
05:30 PM	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	5
05:45 PM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	6
Total	0	16	0	0	16	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	23
06:00 PM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	3

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2
06:30 PM	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	5
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Total	0	4	0	0	4	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	12
Grand Total	0	162	1	0	163	1	0	0	0	1	0	191	1	0	192	1	0	2	0	3	359
Approch %	0	99.4	0.6	0		100	0	0	0		0	99.5	0.5	0		33.3	0	66.7	0		
Total %	0	45.1	0.3	0	45.4	0.3	0	0	0	0.3	0	53.2	0.3	0	53.5	0.3	0	0.6	0	0.8	

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
08:00 AM	0	7	0	0	7	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	12
08:15 AM	0	4	0	0	4	0	0	0	0	0	0	10	0	0	10	0	0	0	0	0	14
08:30 AM	0	3	0	0	3	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	8
08:45 AM	0	7	0	0	7	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	12
Total Volume	0	21	0	0	21	0	0	0	0	0	0	25	0	0	25	0	0	0	0	0	46
% App. Total	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0	0	
PHF	.000	.750	.000	.750		.000	.000	.000	.000		.000	.625	.000	.625		.000	.000	.000	.000	.000	.821

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 12:00 PM

12:00 PM	0	2	0	0	2	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	10
12:15 PM	0	5	0	0	5	0	0	0	0	0	0	7	0	0	7	0	0	0	0</		

File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
06:45 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
Total	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	7
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
07:30 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
Total	0	2	0	0	2	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	11
08:00 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	3
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	7
09:00 AM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
09:15 AM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
09:30 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
09:45 AM	0	1	0	0	1	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	3
Total	0	6	0	0	6	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	11
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
10:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
10:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4
11:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
11:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	0	0	2	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	5
12:00 PM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
12:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
01:15 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	5
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
02:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:00 PM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
03:30 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4
03:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	3	0	0	3	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	6
04:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:15 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	4
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	6	0	0	6	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	8
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2
05:15 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	4
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1

File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Grand Total	0	31	0	0	31	0	0	0	0	0	0	41	0	0	41	0	0	0	0	0	0	72
Approch %	0	100	0	0		0	0	0	0		0	100	0	0		0	0	0	0		0	
Total %	0	43.1	0	0	43.1	0	0	0	0	0	0	56.9	0	0	56.9	0	0	0	0	0	0	

Start Time	Rt 1 Southbound				Ent/Exit Westbound				Rt 1 Northbound				Ent/Exit Eastbound				Int. Total				
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total					
07:15 AM	0	1	0	1	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	3
07:30 AM	0	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
07:45 AM	0	0	0	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	0	0	4
08:00 AM	0	2	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	3
Total Volume	0	4	0	4	0	0	0	0	0	0	8	0	8	0	0	0	0	0	0	0	12
% App. Total	0	100	0		0	0	0		0	0	100	0		0	0	0		0	0	0	
PHF	.000	.500	.000	.500	.000	.000	.000	.000	.000	.000	.500	.000	.500	.000	.000	.000	.000	.000	.000	.000	.750

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



File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	0	0	0	1
06:30 AM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
07:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	0	0	0	0	0
08:45 AM	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
09:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	0	0	1	1	1
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2
11:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	0	0	0	0	0
01:15 PM	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2
01:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2
02:00 PM	0	0	0	0	0	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	0	0	1	1	1
02:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
03:00 PM	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	0	0	0	0	1
03:30 PM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
03:45 PM	0	0	0	0	0	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	2	2	0	0	0	0	0	0	0	0	0	0	0	2
04:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	1	1	0	0	0	9	9	0	0	0	0	0	0	0	0	0	3	3	13
Approch %	0	0	0	100		0	0	0	100		0	0	0	0		0	0	0	100			
Total %	0	0	0	7.7	7.7	0	0	0	69.2	69.2	0	0	0	0	0	0	0	0	23.1	23.1		

Start Time	Rt 1 Southbound				Ent/Exit Westbound				Rt 1 Northbound				Ent/Exit Eastbound				Int. Total					
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total						
06:00 AM	0	0	0	0	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	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	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	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0			0	0	0			0	0	0			0	0	0				
PHF	.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000		.000	.000	.000	.000			.000

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 12:00 PM

File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Ent/Exit Westbound					Rt 1 Northbound					Ent/Exit Eastbound					Int. Total					
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total						
06:00 AM	0	38	2	0	40	0	0	0	0	0	0	290	1	0	291	0	0	0	0	0	0	0	0	0	0	331
06:15 AM	0	47	4	0	51	0	0	0	0	0	0	338	0	0	338	1	0	0	0	0	0	0	0	0	0	390
06:30 AM	0	85	6	0	91	0	0	0	0	0	3	402	0	0	405	0	0	0	0	0	0	0	0	0	0	496
06:45 AM	0	129	11	0	140	0	0	0	0	0	2	439	0	0	441	1	0	0	0	0	0	0	0	0	0	582
Total	0	299	23	0	322	0	0	0	0	0	5	1469	1	0	1475	2	0	0	0	0	2	0	0	0	0	1799
07:00 AM	0	166	9	0	175	0	0	0	0	0	4	365	0	0	369	0	0	1	0	0	1	0	0	0	0	545
07:15 AM	0	130	8	0	138	0	0	0	0	0	3	336	0	0	339	0	0	2	0	0	2	0	0	0	0	479
07:30 AM	0	119	15	0	134	0	0	0	0	0	2	352	0	0	354	0	0	0	0	0	0	0	0	0	0	488
07:45 AM	2	112	11	0	125	0	0	0	0	0	3	317	0	0	320	0	0	1	0	0	1	0	0	0	0	446
Total	2	527	43	0	572	0	0	0	0	0	12	1370	0	0	1382	0	0	4	0	0	4	0	0	0	0	1958
08:00 AM	0	120	20	0	140	0	0	0	0	0	3	286	0	0	289	1	0	0	0	0	1	0	0	0	0	430
08:15 AM	1	136	18	0	155	0	0	0	0	0	1	281	0	1	283	1	0	1	0	0	2	0	0	0	0	440
08:30 AM	1	132	3	0	136	0	0	0	0	0	4	307	0	0	311	2	0	0	0	0	2	0	0	0	0	449
08:45 AM	2	166	8	0	176	0	0	0	0	0	2	280	1	0	283	1	0	0	0	0	1	0	0	0	0	460
Total	4	554	49	0	607	0	0	0	0	0	10	1154	1	1	1166	5	0	1	0	0	6	0	0	0	0	1779
09:00 AM	0	129	1	0	130	0	0	0	0	0	1	250	0	0	251	1	0	0	0	0	1	0	0	0	0	382
09:15 AM	0	160	1	0	161	0	0	0	0	0	3	269	1	0	273	2	0	0	0	0	2	0	0	0	0	436
09:30 AM	1	139	3	0	143	0	0	0	0	0	0	223	1	0	224	3	0	0	0	0	3	0	0	0	0	370
09:45 AM	2	140	3	0	145	0	0	0	0	0	1	217	0	0	218	0	0	1	0	0	1	0	0	0	0	364
Total	3	568	8	0	579	0	0	0	0	0	5	959	2	0	966	6	0	1	0	0	7	0	0	0	0	1552
10:00 AM	1	134	1	0	136	1	0	1	0	2	1	192	0	0	193	3	0	0	0	0	3	0	0	0	0	334
10:15 AM	0	153	4	0	157	0	0	0	0	0	0	186	2	0	188	3	0	0	0	0	3	0	0	0	0	348
10:30 AM	1	164	3	0	168	0	0	1	0	1	1	163	1	0	165	2	0	1	0	0	3	0	0	0	0	337
10:45 AM	0	161	2	0	163	1	0	0	0	1	0	200	0	0	200	3	0	0	0	0	3	0	0	0	0	367
Total	2	612	10	0	624	2	0	2	0	4	2	741	3	0	746	11	0	1	0	0	12	0	0	0	0	1386
11:00 AM	0	166	0	0	166	0	1	0	0	1	0	184	0	0	184	6	1	0	0	0	7	0	0	0	0	358
11:15 AM	1	148	1	0	150	1	0	1	0	2	0	191	0	0	191	6	1	1	0	0	8	0	0	0	0	351
11:30 AM	0	171	4	0	175	1	0	1	0	2	2	212	0	0	214	11	0	4	0	0	15	0	0	0	0	406
11:45 AM	0	183	6	0	189	0	0	1	0	1	2	207	1	0	210	2	0	4	0	0	6	0	0	0	0	406
Total	1	668	11	0	680	2	1	3	0	6	4	794	1	0	799	25	2	9	0	0	36	0	0	0	0	1521
12:00 PM	0	223	2	0	225	1	0	3	0	4	0	193	0	0	193	6	0	1	0	0	7	0	0	0	0	429
12:15 PM	0	193	7	0	200	0	0	0	0	0	2	214	0	0	216	10	0	1	0	0	11	0	0	0	0	427
12:30 PM	2	182	7	0	191	1	0	0	0	1	2	212	0	0	214	1	0	2	0	0	3	0	0	0	0	409
12:45 PM	0	204	7	0	211	0	0	0	0	0	2	193	1	0	196	11	0	0	0	0	11	0	0	0	0	418
Total	2	802	23	0	827	2	0	3	0	5	6	812	1	0	819	28	0	4	0	0	32	0	0	0	0	1683
01:00 PM	1	178	6	0	185	0	0	0	0	0	2	189	0	0	191	4	0	1	0	0	5	0	0	0	0	381
01:15 PM	1	201	10	0	212	1	0	0	0	1	3	201	1	0	205	1	0	3	0	0	4	0	0	0	0	422
01:30 PM	0	243	4	0	247	0	0	0	0	0	0	159	0	0	159	3	0	0	0	0	3	0	0	0	0	409
01:45 PM	1	235	7	0	243	1	0	0	0	1	2	151	0	0	153	2	0	0	0	0	2	0	0	0	0	399
Total	3	857	27	0	887	2	0	0	0	2	7	700	1	0	708	10	0	4	0	0	14	0	0	0	0	1611
02:00 PM	0	269	4	0	273	0	0	0	0	0	0	169	0	0	169	1	0	3	0	0	4	0	0	0	0	446
02:15 PM	0	237	0	0	237	1	0	0	0	1	0	191	1	0	192	1	0	4	0	0	5	0	0	0	0	435
02:30 PM	2	252	3	0	257	0	1	2	0	3	2	223	1	0	226	3	0	1	0	0	4	0	0	0	0	490
02:45 PM	1	301	1	0	303	0	0	1	0	1	0	177	0	0	177	1	0	0	0	0	1	0	0	0	0	482
Total	3	1059	8	0	1070	1	1	3	0	5	2	760	2	0	764	6	0	8	0	0	14	0	0	0	0	1853
03:00 PM	0	340	1	0	341	1	0	0	0	1	3	213	0	0	216	3	0	3	0	0	6	0	0	0	0	564
03:15 PM	0	350	1	1	352	1	0	0	0	1	0	215	0	0	215	2	0	6	0	0	8	0	0	0	0	576
03:30 PM	0	424	1	0	425	0	0	0	0	0	0	195	1	0	196	3	0	7	0	0	10	0	0	0	0	631
03:45 PM	1	443	1	0	445	0	0	0	0	0	0	197	2	0	199	2	0	2	0	0	4	0	0	0	0	648
Total	1	1557	4	1	1563	2	0	0	0	2	3	820	3	0	826	10	0	18	0	0	28	0	0	0	0	2419
04:00 PM	1	490	3	0	494	0	0	1	0	1	0	203	0	0	203	8	0	5	0	0	13	0	0	0	0	711
04:15 PM	0	557	0	0	557	1	0	0	0	1	0	180	0	0	180	3	0	11	0	0	14	0	0	0	0	752
04:30 PM	0	482	0	0	482	0	0	0	0	0	1	212	1	0	214	0	0	11	0	0	11	0	0	0	0	707
04:45 PM	0	516	0	0	516	0	0	2	0	2	0	229	0	0	229	2	0	6	0	0	8	0	0	0	0	755
Total	1	2045	3	0	2049	1	0	3	0	4	1	824	1	0	826	13	0	33	0	0	46	0	0	0	0	2925
05:00 PM	0	503	0	0	503	0	0	2	0	2	0	207	1	1	209	5	0	15	0	0	20	0	0	0	0	734
05:15 PM	0	502	0	0	502	0	0	0	0	0	0	187	0	0	187	1	0	15	0	0	16	0	0	0	0	705
05:30 PM	0	517	0	0	517	3	0	0	0	3	0	177	0	0	177	1	0	5	0	0	6	0	0	0	0	703
05:45 PM	1	494	0	0	495	0	0	0	0	0	0	206	0	0	206	1	1	3	0	0	5	0	0	0	0	706
Total	1	2016	0	0	2017	3	0	2	0	5	0	777	1	1	779	8	1	38	0	0	47	0	0	0	0	2848
06:00 PM	1	474	0	0	475	0	0	0	0	0	0	171	0	0	171	0	0	1	0	0	1	0	0	0	0	647

File Name : 7-Route 1 and Aquia Community Ctr\_Aquia Dental Care  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Groups Printed- Cars

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	6	24	6	0	36	6	2	22	0	30	26	226	2	0	254	33	1	10	0	44	364
06:15 AM	4	34	9	0	47	4	1	31	0	36	28	295	5	0	328	17	1	17	0	35	446
06:30 AM	7	52	18	0	77	2	1	27	0	30	40	352	2	0	394	27	1	20	0	48	549
06:45 AM	12	82	15	0	109	7	6	23	0	36	36	421	5	0	462	40	2	9	0	51	658
Total	29	192	48	0	269	19	10	103	0	132	130	1294	14	0	1438	117	5	56	0	178	2017
07:00 AM	17	130	25	0	172	17	5	46	0	68	26	307	10	2	345	24	3	28	0	55	640
07:15 AM	17	97	15	0	129	7	2	23	0	32	32	282	16	4	334	26	1	34	0	61	556
07:30 AM	17	87	13	0	117	3	4	32	0	39	29	289	7	0	325	22	3	11	0	36	517
07:45 AM	16	74	17	0	107	13	3	19	0	35	27	276	5	0	308	28	2	18	0	48	498
Total	67	388	70	0	525	40	14	120	0	174	114	1154	38	6	1312	100	9	91	0	200	2211
08:00 AM	14	75	15	1	105	8	2	21	0	31	26	222	8	0	256	24	2	18	0	44	436
08:15 AM	16	105	14	0	135	8	3	33	0	44	22	211	16	0	249	25	1	19	0	45	473
08:30 AM	21	85	12	1	119	7	1	31	0	39	27	229	14	0	270	29	1	12	0	42	470
08:45 AM	27	105	10	1	143	10	0	33	0	43	23	226	11	2	262	17	5	12	0	34	482
Total	78	370	51	3	502	33	6	118	0	157	98	888	49	2	1037	95	9	61	0	165	1861
09:00 AM	25	90	17	0	132	11	2	25	0	38	21	192	14	0	227	19	2	10	0	31	428
09:15 AM	33	96	18	0	147	12	5	35	0	52	23	211	12	0	246	25	6	22	0	53	498
09:30 AM	35	98	6	1	140	12	5	31	0	48	19	178	24	0	221	13	4	13	0	30	439
09:45 AM	25	103	13	0	141	14	7	26	0	47	18	160	15	0	193	22	7	11	0	40	421
Total	118	387	54	1	560	49	19	117	0	185	81	741	65	0	887	79	19	56	0	154	1786
10:00 AM	22	92	6	0	120	13	7	33	0	53	14	140	17	2	173	14	3	9	0	26	372
10:15 AM	27	100	14	1	142	14	5	26	0	45	22	148	10	0	180	15	3	18	0	36	403
10:30 AM	34	113	16	0	163	11	6	28	0	45	18	104	13	1	136	23	4	13	0	40	384
10:45 AM	29	110	13	0	152	24	3	37	0	64	14	140	19	0	173	15	2	20	0	37	426
Total	112	415	49	1	577	62	21	124	0	207	68	532	59	3	662	67	12	60	0	139	1585
11:00 AM	30	107	26	1	164	17	3	33	0	53	19	137	8	0	164	11	5	16	0	32	413
11:15 AM	26	117	13	0	156	11	3	33	0	47	15	124	10	1	150	21	6	23	0	50	403
11:30 AM	28	127	23	0	178	24	2	38	0	64	11	164	9	0	184	9	2	22	0	33	459
11:45 AM	41	116	13	1	171	25	4	41	0	70	13	142	17	0	172	14	3	15	0	32	445
Total	125	467	75	2	669	77	12	145	0	234	58	567	44	1	670	55	16	76	0	147	1720
12:00 PM	42	141	27	0	210	18	7	40	0	65	15	133	18	0	166	18	7	10	0	35	476
12:15 PM	41	135	21	1	198	28	6	45	0	79	13	137	14	0	164	17	3	22	0	42	483
12:30 PM	32	133	13	1	179	24	6	49	0	79	13	142	16	1	172	15	4	13	0	32	462
12:45 PM	35	145	25	0	205	20	11	30	0	61	7	151	11	0	169	14	7	15	0	36	471
Total	150	554	86	2	792	90	30	164	0	284	48	563	59	1	671	64	21	60	0	145	1892
01:00 PM	27	122	19	0	168	25	6	33	0	64	17	144	24	0	185	16	3	25	0	44	461
01:15 PM	34	142	20	0	196	16	8	47	0	71	17	140	11	0	168	22	3	31	0	56	491
01:30 PM	33	180	23	0	236	33	2	22	0	57	7	118	15	1	141	9	8	22	0	39	473
01:45 PM	54	174	20	0	248	27	5	38	0	70	9	104	17	0	130	10	3	17	0	30	478
Total	148	618	82	0	848	101	21	140	0	262	50	506	67	1	624	57	17	95	0	169	1903
02:00 PM	40	215	23	0	278	29	6	42	0	77	4	111	9	0	124	11	8	18	0	37	516
02:15 PM	41	173	26	0	240	23	2	38	0	63	24	159	18	0	201	11	3	20	0	34	538
02:30 PM	33	196	21	1	251	35	7	30	0	72	18	170	15	0	203	18	3	31	0	52	578
02:45 PM	47	202	27	0	276	27	8	36	0	71	13	120	12	0	145	12	8	33	0	53	545
Total	161	786	97	1	1045	114	23	146	0	283	59	560	54	0	673	52	22	102	0	176	2177
03:00 PM	46	274	27	0	347	25	4	50	0	79	13	158	16	3	190	14	2	22	0	38	654
03:15 PM	35	287	40	1	363	37	0	42	2	81	14	149	18	0	181	14	2	40	0	56	681
03:30 PM	51	322	43	3	419	22	4	39	0	65	15	117	11	0	143	12	4	34	0	50	677
03:45 PM	49	356	30	1	436	34	4	35	0	73	3	151	8	1	163	16	4	39	0	59	731
Total	181	1239	140	5	1565	118	12	166	2	298	45	575	53	4	677	56	12	135	0	203	2743
04:00 PM	61	386	32	0	479	37	5	42	0	84	8	151	8	0	167	2	4	39	0	45	775
04:15 PM	60	428	33	1	522	41	3	34	0	78	15	136	17	0	168	9	5	32	0	46	814
04:30 PM	78	385	27	1	491	45	4	39	0	88	9	162	15	0	186	15	3	27	0	45	810
04:45 PM	57	435	30	1	523	41	4	43	0	88	13	180	14	0	207	13	4	25	0	42	860
Total	256	1634	122	3	2015	164	16	158	0	338	45	629	54	0	728	39	16	123	0	178	3259
05:00 PM	59	418	32	1	510	47	7	37	0	91	8	160	1	0	169	6	1	35	0	42	812
05:15 PM	57	411	36	0	504	44	8	34	0	86	11	144	4	0	159	10	4	43	0	57	806
05:30 PM	62	416	32	0	510	48	7	37	0	92	11	131	3	1	146	6	3	40	0	49	797
05:45 PM	60	406	34	0	500	44	6	40	0	90	14	158	4	0	176	14	4	35	0	53	819
Total	238	1651	134	1	2024	183	28	148	0	359	44	593	12	1	650	36	12	153	0	201	3234
06:00 PM	67	407	41	1	516	49	5	36	0	90	14	122	8	0	144	9	9	31	0	49	799

Groups Printed- Cars

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	78	311	23	0	412	45	4	35	0	84	6	145	11	0	162	12	4	42	0	58	716
06:30 PM	44	229	26	2	301	55	5	48	0	108	9	119	4	0	132	7	1	25	0	33	574
06:45 PM	58	198	30	0	286	36	1	31	0	68	13	148	7	1	169	1	4	26	0	31	554
Total	247	1145	120	3	1515	185	15	150	0	350	42	534	30	1	607	29	18	124	0	171	2643
Grand Total	1910	9846	1128	22	12906	1235	227	1799	2	3263	882	9136	598	20	10636	846	188	1192	0	2226	29031
Apprch %	14.8	76.3	8.7	0.2		37.8	7	55.1	0.1		8.3	85.9	5.6	0.2		3.8	8.4	53.5	0		
Total %	6.6	33.9	3.9	0.1	44.5	4.3	0.8	6.2	0	11.2	3	31.5	2.1	0.1	36.6	2.9	0.6	4.1	0	7.7	

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total																

Groups Printed- Buses

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3
06:30 AM	0	4	0	0	4	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	6
06:45 AM	2	14	0	0	16	1	0	0	0	1	0	3	0	0	3	0	0	0	0	0	20
Total	2	18	0	0	20	1	0	0	0	1	0	14	0	0	14	0	0	0	0	0	35
07:00 AM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	3
07:15 AM	0	4	0	0	4	2	0	0	0	2	0	15	0	0	15	0	0	0	0	0	21
07:30 AM	0	3	0	0	3	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	6
07:45 AM	0	1	0	0	1	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	3
Total	0	9	0	0	9	4	0	1	0	5	0	18	0	0	18	0	0	1	0	1	33
08:00 AM	1	2	0	0	3	2	0	0	0	2	0	3	0	0	3	0	0	0	0	0	8
08:15 AM	1	2	0	0	3	1	0	2	0	3	0	2	0	0	2	0	0	0	0	0	8
08:30 AM	0	5	0	0	5	0	0	1	0	1	0	6	0	0	6	0	0	0	0	0	12
08:45 AM	0	6	0	0	6	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	7
Total	2	15	0	0	17	3	0	3	0	6	0	12	0	0	12	0	0	0	0	0	35
09:00 AM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:30 AM	0	1	0	0	1	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	3
09:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	7	0	0	7	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	9
10:00 AM	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
10:15 AM	0	0	0	0	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	0	0	0	0
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	4
11:00 AM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30 AM	2	0	0	0	2	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	4
11:45 AM	1	1	0	0	2	1	0	2	0	3	0	0	1	0	1	0	0	0	0	0	6
Total	3	4	0	0	7	1	0	3	0	4	0	2	1	0	3	0	0	0	0	0	14
12:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	3
12:15 PM	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	2
12:30 PM	0	0	0	0	0	0	0	2	0	2	0	0	1	0	1	0	0	0	0	0	3
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	2	0	0	2	0	0	3	0	3	0	0	3	0	3	0	0	0	0	0	8
01:00 PM	0	5	0	0	5	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	6
01:15 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
01:30 PM	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	2
01:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	10	0	0	10	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	13
02:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:15 PM	0	1	0	0	1	0	0	1	0	1	0	2	1	0	3	0	0	0	0	0	5
02:30 PM	0	4	0	0	4	0	0	2	0	2	0	19	1	0	20	0	0	0	0	0	26
02:45 PM	0	1	0	0	1	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	4
Total	0	7	0	0	7	0	0	3	0	3	0	23	3	0	26	0	0	0	0	0	36
03:00 PM	0	5	0	0	5	2	0	1	0	3	0	2	1	0	3	0	0	0	0	0	11
03:15 PM	0	1	0	0	1	1	0	0	0	1	0	5	0	0	5	0	0	0	0	0	7
03:30 PM	0	1	0	0	1	0	0	2	0	2	0	2	0	0	2	0	0	0	0	0	5
03:45 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	4
Total	0	10	0	0	10	3	0	3	0	6	0	10	1	0	11	0	0	0	0	0	27
04:00 PM	3	2	0	0	5	0	0	2	0	2	0	1	0	0	1	0	0	0	0	0	8
04:15 PM	0	5	0	0	5	0	0	2	0	2	0	1	0	0	1	0	0	0	0	0	8
04:30 PM	1	2	0	0	3	1	0	2	0	3	0	0	1	0	1	0	0	0	0	0	7
04:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	4	11	0	0	15	1	0	6	0	7	0	2	1	0	3	0	0	0	0	0	25
05:00 PM	0	1	0	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	3
05:15 PM	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
05:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
Total	0	4	0	0	4	1	0	2	0	3	0	1	0	0	1	0	0	0	0	0	8
06:00 PM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

Groups Printed- Buses

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:30 PM	0	0	0	0	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	0	0	0	0
Total	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Grand Total	11	101	1	0	113	15	0	26	0	41	0	86	9	0	95	0	0	1	0	1	250
Apprch %	9.7	89.4	0.9	0		36.6	0	63.4	0		0	90.5	9.5	0		0	0	100	0		
Total %	4.4	40.4	0.4	0	45.2	6	0	10.4	0	16.4	0	34.4	3.6	0	38	0	0	0.4	0	0.4	

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:30 AM	0	4	0	0	4	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	6
06:45 AM	2	14	0	0	16	1	0	0	0	1	0	3	0	3	0	0	0	0	0	0	20
07:00 AM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	3
07:15 AM	0	4	0	0	4	2	0	0	0	2	0	15	0	15	0	0	0	0	0	0	21
Total Volume	2	23	0	0	25	4	0	0	0	4	0	20	0	20	0	0	0	1	0	1	50
% App. Total	8	92	0	0		100	0	0	0		0	100	0		0	0	0	100	0		
PHF	.250	.411	.000	.391		.500	.000	.000	.500		.000	.333	.000	.333		.000	.000	.250	.250		.595

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 06:30 AM

06:30 AM	0	4	0	0	4	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	6
06:45 AM	2	14	0	0	16	1	0	0	0	1	0	3	0	3	0	0	0	0	0	0	20
07:00 AM																					

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total					
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total						
06:00 AM	0	1	0	0	1	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	4
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	1	0	5	1	0	0	0	0	0	0	0	0	0	6
06:30 AM	1	1	0	0	2	0	0	1	0	1	1	2	0	0	3	1	0	0	0	0	0	0	0	0	0	7
06:45 AM	0	0	1	0	1	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	4
Total	1	2	1	0	4	0	0	2	0	2	1	11	1	0	13	2	0	0	0	0	2	0	0	0	0	21
07:00 AM	0	0	0	0	0	0	0	0	0	0	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	5
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	4
07:30 AM	0	1	1	0	2	0	0	1	0	1	2	6	1	0	9	0	0	0	0	0	0	0	0	0	0	12
07:45 AM	0	3	0	0	3	0	0	0	0	0	4	6	0	0	10	2	0	1	0	0	3	0	0	0	0	16
Total	0	5	1	0	6	0	0	1	0	1	7	18	2	0	27	2	0	1	0	0	3	0	0	0	0	37
08:00 AM	0	4	0	0	4	1	0	0	0	1	2	0	0	0	2	3	0	2	0	0	5	0	0	0	0	12
08:15 AM	0	1	1	0	2	0	0	2	0	2	2	6	0	0	8	2	0	0	0	0	2	0	0	0	0	14
08:30 AM	1	3	1	0	5	0	0	0	0	0	2	4	1	0	7	2	0	1	0	0	3	0	0	0	0	15
08:45 AM	0	3	1	0	4	0	0	1	0	1	0	4	1	0	5	1	1	3	0	0	5	0	0	0	0	15
Total	1	11	3	0	15	1	0	3	0	4	6	14	2	0	22	8	1	6	0	0	15	0	0	0	0	56
09:00 AM	0	1	2	0	3	0	0	1	0	1	1	4	1	0	6	1	0	0	0	0	1	0	0	0	0	11
09:15 AM	1	3	0	0	4	0	0	1	0	1	2	10	2	0	14	1	0	0	0	0	1	0	0	0	0	20
09:30 AM	1	1	0	0	2	1	1	0	0	2	1	4	0	0	5	0	0	2	0	0	2	0	0	0	0	11
09:45 AM	0	4	0	0	4	0	0	1	0	1	0	4	0	0	4	1	0	0	0	0	1	0	0	0	0	10
Total	2	9	2	0	13	1	1	3	0	5	4	22	3	0	29	3	0	2	0	0	5	0	0	0	0	52
10:00 AM	0	6	1	0	7	1	1	1	0	3	0	2	1	0	3	0	0	2	0	0	2	0	0	0	0	15
10:15 AM	1	1	0	0	2	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	1	0	0	0	0	5
10:30 AM	1	2	0	0	3	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	7
10:45 AM	0	5	1	0	6	0	0	3	0	3	1	4	0	0	5	0	0	1	0	0	1	0	0	0	0	15
Total	2	14	2	0	18	1	1	5	0	7	1	11	1	0	13	1	0	3	0	0	4	0	0	0	0	42
11:00 AM	0	2	1	0	3	0	0	1	0	1	1	5	0	0	6	1	0	2	0	0	3	0	0	0	0	13
11:15 AM	0	0	1	0	1	0	0	0	0	0	1	3	0	0	4	1	0	1	0	0	2	0	0	0	0	7
11:30 AM	5	4	1	0	10	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
11:45 AM	2	1	1	0	4	1	0	2	0	3	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	10
Total	7	7	4	0	18	2	0	3	0	5	2	11	0	0	13	2	0	3	0	0	5	0	0	0	0	41
12:00 PM	0	3	3	0	6	0	0	3	0	3	2	4	0	0	6	2	0	2	0	0	4	0	0	0	0	19
12:15 PM	1	2	1	0	4	0	0	0	0	0	1	4	0	0	5	2	0	2	0	0	4	0	0	0	0	13
12:30 PM	2	6	2	0	10	0	0	1	0	1	0	4	0	0	4	0	1	0	0	0	1	0	0	0	0	16
12:45 PM	0	2	1	0	3	1	0	0	0	1	0	3	0	0	3	0	1	1	0	0	2	0	0	0	0	9
Total	3	13	7	0	23	1	0	4	0	5	3	15	0	0	18	4	2	5	0	0	11	0	0	0	0	57
01:00 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	0	0	0	5
01:15 PM	2	3	2	0	7	0	0	0	0	0	0	1	1	0	2	1	0	0	0	0	1	0	0	0	0	10
01:30 PM	1	3	1	0	5	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	2	0	0	0	0	8
01:45 PM	1	4	1	0	6	0	0	3	0	3	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	10
Total	4	13	4	0	21	0	0	3	0	3	0	3	1	0	4	1	2	2	0	0	5	0	0	0	0	33
02:00 PM	0	0	0	0	0	2	0	2	0	4	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	7
02:15 PM	0	0	0	0	0	0	1	1	0	2	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	4
02:30 PM	0	2	0	0	2	0	0	1	0	1	1	0	0	0	1	0	1	1	0	0	2	0	0	0	0	6
02:45 PM	2	3	0	0	5	0	0	0	0	0	1	2	0	0	3	0	0	1	0	0	1	0	0	0	0	9
Total	2	5	0	0	7	2	1	4	0	7	2	7	0	0	9	0	1	2	0	0	3	0	0	0	0	26
03:00 PM	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	4
03:15 PM	0	1	1	0	2	0	0	1	0	1	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	6
03:30 PM	1	3	2	0	6	0	0	1	0	1	0	4	1	0	5	0	1	1	0	0	2	0	0	0	0	14
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	1	0	0	1	0	0	0	0	4
Total	1	6	3	0	10	1	0	2	0	3	2	7	2	0	11	0	1	3	0	0	4	0	0	0	0	28
04:00 PM	0	5	1	0	6	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	9
04:15 PM	1	1	2	0	4	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	6
04:30 PM	0	2	0	0	2	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	4
04:45 PM	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	2	9	3	0	14	1	0	0	0	1	0	5	0	0	5	0	0	1	0	0	1	0	0	0	0	21
05:00 PM	0	2	0	0	2	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
05:15 PM	1	4	0	0	5	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	8
05:30 PM	0	3	0	0	3	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	4
05:45 PM	0	5	1	0	6	1	0	0	0	1	0	2	0	0	2	0	0	1	0	0	1	0	0	0	0	10
Total	1	14	1	0	16	2	0	2	0	4	0	5	0	0	5	0	0	1	0	0	1	0	0	0	0	26
06:00 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total					
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total						
06:15 PM	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	3
0																										

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:15 AM	0	0	0	0	0	1	0	0	0	1	0	1	0	0	1	1	0	0	0	0	3
06:30 AM	0	0	0	0	0	0	0	0	0	0	1	1	1	0	2	0	0	0	0	0	2
06:45 AM	1	0	0	0	1	1	0	0	1	1	2	0	0	3	0	0	0	0	0	0	5
Total	2	0	0	0	2	2	0	0	0	2	1	4	1	0	6	1	0	0	0	1	11
07:00 AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	1	2
07:15 AM	0	0	0	0	0	1	0	0	0	1	0	2	0	0	2	0	0	0	0	0	3
07:30 AM	0	1	1	0	2	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3
07:45 AM	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	1	0	0	0	1	4
Total	0	1	1	0	2	1	0	1	0	2	1	5	0	0	6	2	0	0	0	2	12
08:00 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	3
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1	0	0	0	1	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	5
09:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:15 AM	1	2	0	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	4
09:30 AM	0	0	0	0	0	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	3
09:45 AM	0	1	0	0	1	0	0	1	0	1	1	1	0	0	2	0	0	1	0	1	5
Total	1	4	0	0	5	0	0	3	0	3	2	2	0	0	4	0	0	1	0	1	13
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	0	0	0	1	3
10:15 AM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
10:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
10:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	3	0	0	3	0	0	0	0	0	1	2	0	0	3	2	0	0	0	2	8
11:00 AM	1	1	0	0	2	0	0	0	0	0	1	0	0	0	1	0	0	1	0	1	4
11:15 AM	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	2
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	2
11:45 AM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Total	1	2	0	0	3	1	0	1	0	2	1	2	1	0	4	0	0	1	0	1	10
12:00 PM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
12:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	4	0	0	4	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	5
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
01:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2
01:30 PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
01:45 PM	1	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
Total	1	2	0	0	3	0	0	1	0	1	0	2	0	0	2	1	0	0	0	1	7
02:00 PM	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2
02:15 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
02:30 PM	0	0	0	0	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	0	0	0	0
Total	0	1	1	0	2	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	3
03:00 PM	0	0	0	0	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	1	0	0	0	1	1
03:30 PM	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	2
03:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Total	0	1	0	0	1	0	0	1	0	1	0	1	0	0	1	1	0	1	0	2	5
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	1	0	0	1	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	3
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	3	0	0	3	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	5
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	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	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	0	0	0	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	0	0	0	0
06:45 PM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
Grand Total	6	23	2	0	31	4	0	10	0	14	6	24	2	0	32	8	0	3	0	11	88
Approch %	19.4	74.2	6.5	0		28.6	0	71.4	0		18.8	75	6.2	0		72.7	0	27.3	0		
Total %	6.8	26.1	2.3	0	35.2	4.5	0	11.4	0	15.9	6.8	27.3	2.3	0	36.4	9.1	0	3.4	0	12.5	

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
09:15 AM	1	2	0	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	4
09:30 AM	0	0	0	0	0	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	3
09:45 AM	0	1	0	0	1	0	0	1	0	1	1	1	0	0	2	0	0	1	0	1	5
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total Volume	1	3	0	0	4	0	0	3	0	3	2	4	0	0	6	1	0	1	0	2	15
% App. Total	25	75	0	0		0	0	100	0		33.3	66.7	0	0		50	0	50	0		
PHF	.250	.375	.000	.333		.000	.000	.750	.750		.250	.500	.000	.750		.250	.000	.250	.500	.750	

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 09:15 AM

09:15 AM	1	2	0	0	3	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	4
09:30 AM	0	0	0	0	0	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	3
09:45 AM	0	1	0	0	1	0	0	1	0	1	1	1	0								

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:15 AM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	2	2	0	0	0	0	0	0	0	0	0	0	0	2
09:15 AM	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
09:30 AM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	1	1	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	4
10:00 AM	0	0	0	0	0	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	0	1	1	1	1
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
10:45 AM	0	0	0	0	0	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	0	2	2	2	2
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15 AM	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
11:30 AM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Total	0	0	0	1	1	0	0	0	2	2	0	0	0	0	0	0	0	0	1	1	1	4
12:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	0	1	1	1	1
01:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
02:00 PM	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	0	0	0	0	1
02:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 PM	0	0	0	0	0	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	0	0
05:30 PM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
05:45 PM	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	0	0	0	0	1
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	0	0	0	3	3	0	0	0	7	7	0	0	0	0	0	0	0	0	4	4	4	14
Approch %	0	0	0	100		0	0	0	100		0	0	0	0		0	0	0	100			
Total %	0	0	0	21.4	21.4	0	0	0	50	50	0	0	0	0	0	0	0	0	28.6	28.6		

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0			
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Peak Hour Analysis From 12:00 PM to 06:

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	7	25	6	0	38	6	2	22	0	30	26	235	6	0	263	33	1	10	0	44	375
06:15 AM	4	34	9	0	47	5	1	31	0	37	28	303	6	0	337	19	1	17	0	37	458
06:30 AM	8	57	18	0	83	2	1	28	0	31	41	357	3	0	401	28	1	20	0	49	564
06:45 AM	15	96	16	0	127	9	6	24	0	39	37	428	5	0	470	40	2	9	0	51	687
<b>Total</b>	<b>34</b>	<b>212</b>	<b>49</b>	<b>0</b>	<b>295</b>	<b>22</b>	<b>10</b>	<b>105</b>	<b>0</b>	<b>137</b>	<b>132</b>	<b>1323</b>	<b>16</b>	<b>0</b>	<b>1471</b>	<b>120</b>	<b>5</b>	<b>56</b>	<b>0</b>	<b>181</b>	<b>2084</b>
07:00 AM	17	131	25	0	173	18	5	47	0	70	27	311	10	2	350	25	3	29	0	57	650
07:15 AM	17	102	15	0	134	10	2	23	0	35	32	301	17	4	354	26	1	34	0	61	584
07:30 AM	17	92	15	0	124	4	4	33	0	41	31	298	8	0	337	22	3	11	0	36	538
07:45 AM	16	78	17	0	111	13	3	20	0	36	32	285	5	0	322	31	2	19	0	52	521
<b>Total</b>	<b>67</b>	<b>403</b>	<b>72</b>	<b>0</b>	<b>542</b>	<b>45</b>	<b>14</b>	<b>123</b>	<b>0</b>	<b>182</b>	<b>122</b>	<b>1195</b>	<b>40</b>	<b>6</b>	<b>1363</b>	<b>104</b>	<b>9</b>	<b>93</b>	<b>0</b>	<b>206</b>	<b>2293</b>
08:00 AM	16	81	15	1	113	11	2	21	0	34	28	225	8	0	261	27	2	20	0	49	457
08:15 AM	17	108	15	0	140	9	3	37	0	49	24	220	16	0	260	27	1	19	0	47	496
08:30 AM	22	93	13	1	129	7	1	33	0	41	29	241	15	0	285	31	1	13	0	45	500
08:45 AM	27	114	11	1	153	10	0	34	0	44	23	231	12	2	268	18	6	15	0	39	504
<b>Total</b>	<b>82</b>	<b>396</b>	<b>54</b>	<b>3</b>	<b>535</b>	<b>37</b>	<b>6</b>	<b>125</b>	<b>0</b>	<b>168</b>	<b>104</b>	<b>917</b>	<b>51</b>	<b>2</b>	<b>1074</b>	<b>103</b>	<b>10</b>	<b>67</b>	<b>0</b>	<b>180</b>	<b>1957</b>
09:00 AM	25	95	19	0	139	11	2	26	0	39	22	196	15	0	233	20	2	10	0	32	443
09:15 AM	35	103	18	0	156	12	5	37	0	54	25	221	14	0	260	26	6	22	0	54	524
09:30 AM	36	100	6	1	143	14	6	33	0	53	21	183	24	0	228	13	4	15	0	32	456
09:45 AM	25	109	13	0	147	14	7	28	0	49	19	165	15	0	199	23	7	12	0	42	437
<b>Total</b>	<b>121</b>	<b>407</b>	<b>56</b>	<b>1</b>	<b>585</b>	<b>51</b>	<b>20</b>	<b>124</b>	<b>0</b>	<b>195</b>	<b>87</b>	<b>765</b>	<b>68</b>	<b>0</b>	<b>920</b>	<b>82</b>	<b>19</b>	<b>59</b>	<b>0</b>	<b>160</b>	<b>1860</b>
10:00 AM	22	100	7	0	129	14	8	34	0	56	14	145	18	2	179	15	3	11	0	29	393
10:15 AM	28	102	14	1	145	14	5	26	0	45	23	150	10	0	183	16	3	18	0	37	410
10:30 AM	35	116	16	0	167	11	6	29	0	46	18	107	13	1	139	24	4	13	0	41	393
10:45 AM	29	116	14	0	159	24	3	40	0	67	15	145	19	0	179	15	2	21	0	38	443
<b>Total</b>	<b>114</b>	<b>434</b>	<b>51</b>	<b>1</b>	<b>600</b>	<b>63</b>	<b>22</b>	<b>129</b>	<b>0</b>	<b>214</b>	<b>70</b>	<b>547</b>	<b>60</b>	<b>3</b>	<b>680</b>	<b>70</b>	<b>12</b>	<b>63</b>	<b>0</b>	<b>145</b>	<b>1639</b>
11:00 AM	31	113	27	1	172	17	3	34	0	54	21	143	8	0	172	12	5	19	0	36	434
11:15 AM	26	117	14	0	157	11	3	34	0	48	16	128	10	1	155	22	6	24	0	52	412
11:30 AM	35	131	24	0	190	25	2	39	0	66	11	166	10	0	187	9	2	22	0	33	476
11:45 AM	44	119	14	1	178	28	4	45	0	77	13	145	18	0	176	14	3	15	0	32	463
<b>Total</b>	<b>136</b>	<b>480</b>	<b>79</b>	<b>2</b>	<b>697</b>	<b>81</b>	<b>12</b>	<b>152</b>	<b>0</b>	<b>245</b>	<b>61</b>	<b>582</b>	<b>46</b>	<b>1</b>	<b>690</b>	<b>57</b>	<b>16</b>	<b>80</b>	<b>0</b>	<b>153</b>	<b>1785</b>
12:00 PM	42	146	30	0	218	18	7	43	0	68	17	137	19	0	173	20	7	12	0	39	498
12:15 PM	42	137	22	1	202	28	6	46	0	80	14	142	15	0	171	19	3	24	0	46	499
12:30 PM	34	141	15	1	191	24	6	52	0	82	13	146	17	1	177	15	5	13	0	33	483
12:45 PM	35	149	26	0	210	21	11	30	0	62	7	154	11	0	172	14	8	16	0	38	482
<b>Total</b>	<b>153</b>	<b>573</b>	<b>93</b>	<b>2</b>	<b>821</b>	<b>91</b>	<b>30</b>	<b>171</b>	<b>0</b>	<b>292</b>	<b>51</b>	<b>579</b>	<b>62</b>	<b>1</b>	<b>693</b>	<b>68</b>	<b>23</b>	<b>65</b>	<b>0</b>	<b>156</b>	<b>1962</b>
01:00 PM	27	130	19	0	176	25	6	33	0	64	17	147	24	0	188	16	3	26	0	45	473
01:15 PM	36	149	22	0	207	16	8	47	0	71	17	141	12	0	170	24	3	31	0	58	506
01:30 PM	34	184	24	0	242	33	2	23	0	58	7	121	15	1	144	9	9	23	0	41	485
01:45 PM	56	180	21	0	257	27	5	42	0	74	9	104	17	0	130	10	4	17	0	31	492
<b>Total</b>	<b>153</b>	<b>643</b>	<b>86</b>	<b>0</b>	<b>882</b>	<b>101</b>	<b>21</b>	<b>145</b>	<b>0</b>	<b>267</b>	<b>50</b>	<b>513</b>	<b>68</b>	<b>1</b>	<b>632</b>	<b>59</b>	<b>19</b>	<b>97</b>	<b>0</b>	<b>175</b>	<b>1956</b>
02:00 PM	40	217	23	0	280	31	6	45	0	82	4	114	9	0	127	11	8	18	0	37	526
02:15 PM	41	174	27	0	242	23	3	40	0	66	24	163	19	0	206	11	3	20	0	34	548
02:30 PM	33	202	21	1	257	35	7	33	0	75	19	189	16	0	224	18	4	32	0	54	610
02:45 PM	49	206	27	0	282	27	8	36	0	71	14	124	13	0	151	12	8	34	0	54	558
<b>Total</b>	<b>163</b>	<b>799</b>	<b>98</b>	<b>1</b>	<b>1061</b>	<b>116</b>	<b>24</b>	<b>154</b>	<b>0</b>	<b>294</b>	<b>61</b>	<b>590</b>	<b>57</b>	<b>0</b>	<b>708</b>	<b>52</b>	<b>23</b>	<b>104</b>	<b>0</b>	<b>179</b>	<b>2242</b>
03:00 PM	46	281	27	0	354	28	4	51	0	83	13	160	17	3	193	14	2	23	0	39	669
03:15 PM	35	289	41	1	366	38	0	43	2	83	16	155	18	0	189	15	2	40	0	57	695
03:30 PM	52	326	45	3	426	22	4	43	0	69	15	124	12	0	151	12	5	35	0	52	698
03:45 PM	49	360	30	1	440	34	4	35	0	73	3	154	9	1	167	16	4	41	0	61	741
<b>Total</b>	<b>182</b>	<b>1256</b>	<b>143</b>	<b>5</b>	<b>1586</b>	<b>122</b>	<b>12</b>	<b>172</b>	<b>2</b>	<b>308</b>	<b>47</b>	<b>593</b>	<b>56</b>	<b>4</b>	<b>700</b>	<b>57</b>	<b>13</b>	<b>139</b>	<b>0</b>	<b>209</b>	<b>2803</b>
04:00 PM	64	393	33	0	490	37	5	44	0	86	8	155	8	0	171	2	4	39	0	45	792
04:15 PM	61	435	35	1	532	42	3	37	0	82	15	138	17	0	170	9	5	33	0	47	831
04:30 PM	79	390	27	1	497	46	4	41	0	91	9	164	16	0	189	15	3	27	0	45	822
04:45 PM	58	439	30	1	528	41	4	43	0	88	13	180	14	0	207	13	4	25	0	42	865
<b>Total</b>	<b>262</b>	<b>1657</b>	<b>125</b>	<b>3</b>	<b>2047</b>	<b>166</b>	<b>16</b>	<b>165</b>	<b>0</b>	<b>347</b>	<b>45</b>	<b>637</b>	<b>55</b>	<b>0</b>	<b>737</b>	<b>39</b>	<b>16</b>	<b>124</b>	<b>0</b>	<b>179</b>	<b>3310</b>
05:00 PM	59	422	32	1	514	49	7	38	0	94	8	161	1	0	170	7	1	35	0	43	821
05:15 PM	58	417	36	0	511	44	8	36	0	88	11	146	4	0	161	10	4	43	0	57	817
05:30 PM	62	420	32	0	514	48	7	37	0	92	11	132	3	1	147	6	3	40	0	49	802
05:45 PM	60	412	35	0	507	45	6	41	0	92	14	160	4	0	178	14	4	36	0	54	831
<b>Total</b>	<b>239</b>	<b>1671</b>	<b>135</b>	<b>1</b>	<b>2046</b>	<b>186</b>	<b>28</b>	<b>152</b>	<b>0</b>	<b>366</b>	<b>44</b>	<b>599</b>	<b>12</b>	<b>1</b>	<b>656</b>	<b>37</b>	<b>12</b>	<b>154</b>	<b>0</b>	<b>203</b>	<b>3271</b>
06:00 PM	68	408	42	1	519	49	5	36	0	90	14	123	8	0	145	10	9	31	0	50	804

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Foreston Woods Dr Westbound					Rt 1 Northbound					Austin Park Dr Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	78	313	24	0	415	45	4	35	0	84	6	146	11	0	163	12	4	42	0	58	720
06:30 PM	44	229	26	2	301	55	5	48	0	108	9	122	4	0	135	7					



File Name : 9a-Rt 1 NB and Coal Landing Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

File Name : 9a-Rt 1 NB and Coal Landing Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Cars

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	0	0	0	0	0	2	52	0	54	4	182	7	0	193	35	3	0	0	38	285
06:15 AM	0	0	0	0	0	0	2	48	0	50	3	247	4	0	254	32	7	0	0	39	343
06:30 AM	0	0	0	0	0	0	1	65	0	66	9	278	17	0	304	36	19	0	0	55	425
06:45 AM	0	0	0	0	0	0	1	54	0	55	12	369	12	0	393	42	15	0	0	57	505
Total	0	0	0	0	0	0	6	219	0	225	28	1076	40	0	1144	145	44	0	0	189	1558
07:00 AM	0	0	0	0	0	0	2	51	0	53	9	266	5	0	280	40	13	0	0	53	386
07:15 AM	0	0	0	0	0	0	2	55	0	57	10	235	3	0	248	45	19	0	0	64	369
07:30 AM	0	0	0	0	0	0	4	46	0	50	5	258	5	0	268	24	10	0	0	34	352
07:45 AM	0	0	0	0	0	0	9	42	0	51	9	242	6	0	257	29	16	0	0	45	353
Total	0	0	0	0	0	0	17	194	0	211	33	1001	19	0	1053	138	58	0	0	196	1460
08:00 AM	0	0	0	0	0	0	6	39	0	45	4	204	3	0	211	17	22	0	0	39	295
08:15 AM	0	0	0	0	0	0	7	50	0	57	4	182	3	0	189	21	28	0	0	49	295
08:30 AM	0	0	0	0	0	0	2	32	0	34	7	224	5	0	236	24	20	0	0	44	314
08:45 AM	0	0	0	0	0	0	2	43	0	45	4	198	2	0	204	25	17	0	0	42	291
Total	0	0	0	0	0	0	17	164	0	181	19	808	13	0	840	87	87	0	0	174	1195
09:00 AM	0	0	0	0	0	0	1	30	0	31	3	180	4	0	187	30	17	0	0	47	265
09:15 AM	0	0	0	0	0	0	1	27	0	28	3	189	2	0	194	26	28	0	0	54	276
09:30 AM	0	0	0	0	0	0	4	37	0	41	2	174	4	0	180	15	28	0	0	43	264
09:45 AM	0	0	0	0	0	0	1	32	0	33	3	138	0	0	141	23	18	0	0	41	215
Total	0	0	0	0	0	0	7	126	0	133	11	681	10	0	702	94	91	0	0	185	1020
10:00 AM	0	0	0	0	0	0	2	21	0	23	7	142	5	0	154	17	26	0	0	43	220
10:15 AM	0	0	0	0	0	0	0	33	0	33	6	136	3	0	145	12	21	0	0	33	211
10:30 AM	0	0	0	0	0	0	3	22	0	25	4	122	3	0	129	11	31	0	0	42	196
10:45 AM	0	0	0	0	0	0	3	28	0	31	3	158	3	0	164	11	31	0	0	42	237
Total	0	0	0	0	0	0	8	104	0	112	20	558	14	0	592	51	109	0	0	160	864
11:00 AM	0	0	0	0	0	0	2	25	0	27	0	108	1	0	109	15	25	0	0	40	176
11:15 AM	0	0	0	0	0	0	1	29	0	30	4	116	1	0	121	12	32	0	0	44	195
11:30 AM	0	0	0	0	0	0	5	34	0	39	3	152	7	0	162	16	34	0	0	50	251
11:45 AM	0	0	0	0	0	0	3	24	0	27	2	143	2	0	147	15	29	0	0	44	218
Total	0	0	0	0	0	0	11	112	0	123	9	519	11	0	539	58	120	0	0	178	840
12:00 PM	0	0	0	0	0	0	9	25	0	34	3	151	4	0	158	7	29	0	0	36	228
12:15 PM	0	0	0	0	0	0	3	22	0	25	4	128	3	0	135	24	34	0	0	58	218
12:30 PM	0	0	0	0	0	0	1	30	0	31	7	133	4	0	144	14	32	0	0	46	221
12:45 PM	0	0	0	0	0	0	5	26	0	31	8	124	3	0	135	14	47	0	0	61	227
Total	0	0	0	0	0	0	18	103	0	121	22	536	14	0	572	59	142	0	0	201	894
01:00 PM	0	0	0	0	0	0	2	20	0	22	2	155	6	0	163	15	36	0	0	51	236
01:15 PM	0	0	0	0	0	0	3	28	0	31	2	146	1	0	149	9	46	0	0	55	235
01:30 PM	0	0	0	0	0	0	3	24	0	27	3	120	7	0	130	8	48	0	0	56	213
01:45 PM	0	0	0	0	0	0	1	19	0	20	1	95	1	0	97	10	36	0	0	46	163
Total	0	0	0	0	0	0	9	91	0	100	8	516	15	0	539	42	166	0	0	208	847
02:00 PM	0	0	0	0	0	0	3	10	0	13	4	95	3	0	102	11	50	0	0	61	176
02:15 PM	0	0	0	0	0	0	2	21	0	23	5	177	7	0	189	10	54	0	0	64	276
02:30 PM	0	0	0	0	0	0	1	35	0	36	3	174	2	0	179	16	66	0	0	82	297
02:45 PM	0	0	0	0	0	0	4	23	0	27	1	140	7	0	148	13	69	0	0	82	257
Total	0	0	0	0	0	0	10	89	0	99	13	586	19	0	618	50	239	0	0	289	1006
03:00 PM	0	0	0	0	0	0	0	37	0	37	4	126	8	0	138	15	54	0	0	69	244
03:15 PM	0	0	0	0	0	0	3	28	0	31	5	135	7	0	147	23	91	0	0	114	292
03:30 PM	0	0	0	0	0	0	19	39	0	58	9	114	1	0	124	8	90	0	0	98	280
03:45 PM	0	0	0	0	0	0	5	40	0	45	4	123	2	0	129	18	83	0	0	101	275
Total	0	0	0	0	0	0	27	144	0	171	22	498	18	0	538	64	318	0	0	382	1091
04:00 PM	0	0	0	0	0	0	4	38	0	42	0	143	5	0	148	20	98	0	0	118	308
04:15 PM	0	0	0	0	0	0	0	28	0	28	3	134	1	0	138	19	98	0	0	117	283
04:30 PM	0	0	0	0	0	0	3	35	0	38	4	158	2	0	164	16	106	0	0	122	324
04:45 PM	0	0	0	0	0	0	3	34	0	37	5	161	1	0	167	17	120	0	0	137	341
Total	0	0	0	0	0	0	10	135	0	145	12	596	9	0	617	72	422	0	0	494	1256
05:00 PM	0	0	0	0	0	0	4	30	0	34	1	141	0	0	142	18	136	0	0	154	330
05:15 PM	0	0	0	0	0	0	1	29	0	30	1	154	6	0	161	16	100	0	0	116	307
05:30 PM	0	0	0	0	0	0	3	38	0	41	3	113	4	0	120	22	120	0	0	142	303
05:45 PM	0	0	0	0	0	0	3	34	0	37	7	148	1	0	156	18	127	0	0	145	338
Total	0	0	0	0	0	0	11	131	0	142	12	556	11	0	579	74	483	0	0	557	1278
06:00 PM	0	0	0	0	0	0	3	34	0	37	4	114	1	0	119	14	121	0	0	135	291

Groups Printed- Cars

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	0	0	0	0	0	2	28	0	30	0	146	0	0	146	11	103	0	0	114	290
06:30 PM	0	0	0	0	0	0	2	24	0	26	4	130	6	0	140	16	64	0	0	80	246
06:45 PM	0	0	0	0	0	0	4	35	0	39	5	129	3	0	137	18	76	0	0	94	270
Total	0	0	0	0	0	0	11	121	0	132	13	519	10	0	542	59	364	0	0	423	1097
Grand Total	0	0	0	0	0	0	162	1733	0	1895	222	8450	203	0	8875	993	2643	0	0	3636	14406
Apprch %	0	0	0	0	0	0	8.5	91.5	0		2.5	95.2	2.3	0		27.3	72.7	0	0		
Total %	0	0	0	0	0	0	1.1	12	0	13.2	1.5	58.7	1.4	0	61.6	6.9	18.3	0	0	25.2	

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Rt 1 Northbound				Coal Landing Rd Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
06:30 AM	0	0	0	0	0	1	65	66	9	278	17	304	36	19	0	55	425
06:45 AM	0	0	0	0	0	1	54	55	12	369	12	393	42	15	0	57	505
07:00 AM	0	0	0	0	0	2	51	53	9	266	5	280	40	13	0	53	386
07:15 AM	0	0	0	0	0	2	55	57	10	235	3	248	45	19	0	64	369
Total Volume	0	0	0	0	0	6	225	231	40	1148	37	1225	163	66	0	229	1685
% App. Total	0	0	0	0	0	2.6	97.4		3.3	93.7							

Groups Printed- Buses

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	0	0	0	0	0	0	1	0	1	0	5	0	0	5	0	0	0	0	0	6
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
06:30 AM	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	0	2	0	0	0	5
06:45 AM	0	0	0	0	0	0	0	0	0	0	2	3	0	0	5	0	2	0	0	0	7
Total	0	0	0	0	0	0	1	1	0	2	2	13	0	0	15	0	4	0	0	4	21
07:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	2	15	0	0	17	0	1	0	0	0	18
07:30 AM	0	0	0	0	0	0	0	0	0	0	3	3	0	0	6	0	1	0	0	0	7
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	6	19	0	0	25	0	2	0	0	0	27
08:00 AM	0	0	0	0	0	0	0	0	0	0	2	4	0	0	6	0	0	0	0	0	6
08:15 AM	0	0	0	0	0	0	1	0	0	1	2	5	0	0	7	0	1	0	0	0	9
08:30 AM	0	0	0	0	0	0	0	0	0	0	2	3	0	0	5	0	0	0	0	0	5
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	2
Total	0	0	0	0	0	0	1	0	0	1	6	13	0	0	19	0	2	0	0	0	22
09:00 AM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
09:30 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	2
09:45 AM	0	0	0	0	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	1	2	0	0	3	0	0	0	0	0	3
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
10:15 AM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	2
11:15 AM	0	0	0	0	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	2	0	0	2	0	0	0	0	0	2
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	1	0	0	0	5
12:00 PM	0	0	0	0	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	1	0	1	0	0	0	0	0	1	0	0	0	0	2
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
12:45 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	2	0	2	0	1	0	0	1	1	0	0	0	0	4
01:00 PM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	2
01:15 PM	0	0	0	0	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	2	0	0	2	0	0	0	0	0	2
01:45 PM	0	0	0	0	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	1	3	0	0	4	0	0	0	0	0	4
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
02:30 PM	0	0	0	0	0	0	0	1	0	1	3	18	1	0	22	0	0	0	0	0	23
02:45 PM	0	0	0	0	0	0	0	1	0	1	0	3	1	0	4	0	0	0	0	0	5
Total	0	0	0	0	0	0	0	2	0	2	3	25	2	0	30	0	0	0	0	0	32
03:00 PM	0	0	0	0	0	0	0	0	0	0	1	2	1	0	4	0	0	0	0	0	4
03:15 PM	0	0	0	0	0	0	0	0	0	0	2	4	0	0	6	0	0	0	0	0	6
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	3	11	1	0	15	0	0	0	0	0	15
04:00 PM	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	3
04:15 PM	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	1	0	0	0	4
04:30 PM	0	0	0	0	0	0	0	0	0	0	2	2	0	0	4	0	0	0	0	0	4
04:45 PM	0	0	0	0	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	5	5	0	0	10	0	1	0	0	0	11
05:00 PM	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	4
05:15 PM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
05:45 PM	0	0	0	0	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	1	4	0	0	5	0	0	0	0	0	5
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Groups Printed- Buses

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	0	0	0	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	0	0	0	0
06:45 PM	0	0	0	0	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	0	0	0	0
Grand Total	0	0	0	0	0	0	2	5	0	7	28	103	3	0	134	1	10	0	0	11	152
Apprch %	0	0	0	0	0	0	28.6	71.4	0	0	20.9	76.9	2.2	0	0	9.1	90.9	0	0	0	0
Total %	0	0	0	0	0	0	1.3	3.3	0	4.6	18.4	67.8	2	0	88.2	0.7	6.6	0	0	7.2	

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Rt 1 Northbound				Coal Landing Rd Eastbound				Int. Total				
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total					
06:45 AM	0	0	0	0	0	0	0	0	0	2	3	0	5	0	2	0	2	0	0	7	
07:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	
07:15 AM	0	0	0	0	0	0	0	0	0	2	15	0	17	0	1	0	1	0	0	18	
07:30 AM	0	0	0	0	0	0	0	0	0	3	3	0	6	0	1	0	1	0	0	7	
Total Volume	0	0	0	0	0	0	0	0	0	8	21	0	29	0	4	0	4	0	0	33	
% App. Total	0	0	0	0	0	0	0	0	0	27.6	72.4	0	0	0	100	0	0	0	0	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.667	.350	.000	.426	.000	.500	.000	.500	.000	.000	.458	

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Rt 1 Northbound				Coal Landing Rd Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left								

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	0	4
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	7
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
Total	0	0	0	0	0	0	0	1	0	1	0	17	0	0	17	0	0	0	0	0	0	18
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5
07:15 AM	0	0	0	0	0	0	1	0	0	1	0	4	0	0	4	0	0	0	0	0	0	5
07:30 AM	0	0	0	0	0	0	0	1	0	1	0	7	0	0	7	0	0	0	0	0	0	8
07:45 AM	0	0	0	0	0	0	0	2	0	2	1	11	0	0	12	0	0	0	0	0	0	14
Total	0	0	0	0	0	0	1	3	0	4	1	27	0	0	28	0	0	0	0	0	0	32
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	2	0	0	0	2	6
08:15 AM	0	0	0	0	0	0	1	1	0	2	1	3	0	0	4	0	0	0	0	0	0	6
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	0	1	0	0	0	1	8
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	3
Total	0	0	0	0	0	0	1	1	0	2	1	16	1	0	18	0	3	0	0	0	3	23
09:00 AM	0	0	0	0	0	0	0	1	0	1	0	3	0	0	3	0	0	0	0	0	0	4
09:15 AM	0	0	0	0	0	0	1	0	0	1	1	11	0	0	12	0	0	0	0	0	0	13
09:30 AM	0	0	0	0	0	0	2	0	0	2	0	2	0	0	2	0	1	0	0	0	1	5
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	0	0	0	0	0	6
Total	0	0	0	0	0	0	3	1	0	4	1	22	0	0	23	0	1	0	0	0	1	28
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	2	0	0	0	2	5
10:15 AM	0	0	0	0	0	0	1	1	0	2	2	1	0	0	3	0	0	0	0	0	0	5
10:30 AM	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4	0	2	0	0	0	2	6
10:45 AM	0	0	0	0	0	0	0	1	0	1	0	6	0	0	6	1	1	0	0	0	2	9
Total	0	0	0	0	0	0	1	2	0	3	3	13	0	0	16	1	5	0	0	0	6	25
11:00 AM	0	0	0	0	0	0	0	3	0	3	0	2	0	0	2	0	0	0	0	0	0	5
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	2	0	0	0	2	6
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	2
11:45 AM	0	0	0	0	0	0	0	0	0	0	1	4	0	0	5	0	2	0	0	0	2	7
Total	0	0	0	0	0	0	0	3	0	3	1	11	0	0	12	0	5	0	0	0	5	20
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5
12:15 PM	0	0	0	0	0	0	0	0	0	0	1	3	0	0	4	0	2	0	0	0	2	6
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	0	0	0	1	3
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	3
Total	0	0	0	0	0	0	0	0	0	0	1	11	2	0	14	1	2	0	0	0	3	17
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	2
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	2	0	0	0	2	4
01:30 PM	0	0	0	0	0	0	1	1	0	2	0	1	0	0	1	0	0	0	0	0	0	3
01:45 PM	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	2
Total	0	0	0	0	0	0	2	1	0	3	0	5	1	0	6	0	2	0	0	0	2	11
02:00 PM	0	0	0	0	0	0	1	0	0	1	0	2	1	0	3	0	0	0	0	0	0	4
02:15 PM	0	0	0	0	0	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	0	3
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	2
02:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	2	3
Total	0	0	0	0	0	0	1	1	0	2	1	5	1	0	7	1	2	0	0	0	3	12
03:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	1	0	0	0	2	4
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	2
Total	0	0	0	0	0	0	0	0	0	0	1	8	1	0	10	2	1	0	0	0	3	13
04:00 PM	0	0	0	0	0	0	0	1	0	1	0	3	0	0	3	0	1	0	0	0	1	5
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2
04:30 PM	0	0	0	0	0	0	0	1	0	1	0	1	1	0	2	0	0	0	0	0	0	3
04:45 PM	0	0	0	0	0	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	2	0	2	0	4	1	0	5	1	2	0	0	0	3	10
05:00 PM	0	0	0	0	0	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	2	0	0	2	0	2	0	0	0	2	4
05:30 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	1	2
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	3	0	0	0	3	5
Total	0	0	0	0	0	0	0	1	0	1	0	4	0	0	4	0	6	0	0	0	6	11
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	4
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	2
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1	0	0	8	9
Grand Total	0	0	0	0	0	0	9	16	0	25	10	150	8	0	168	7	29	0	0	36	229	
Apprch %	0	0	0	0	0	0	36	64	0	10.9	6	89.3	4.8	0	73.4	19.4	80.6	0	0	0	0	
Total %	0	0	0	0	0	0	3.9	7	0	10.9	4.4	65.5	3.5	0	73.4	3.1	12.7	0	0	15.7		

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Rt 1 Northbound				Coal Landing Rd Eastbound				Int. Total			
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total				
07:30 AM	0	0	0	0	0	0	0	1	1	0	7	0	7	0	0	0	0	0	0	8
07:45 AM	0	0	0	0	0	0	0	2	2	1	11	0	12	0	0	0	0	0	0	14
08:00 AM	0	0	0	0	0	0	0	0	0	0	4	0	4	0	2	0	2	0	0	6
08:15 AM	0	0	0	0	0	0	1	1	2	1	3	0	4	0	0	0	0	0	0	6
Total Volume	0	0	0	0	0	0	1	4	5	2	25	0	27	0	2	0	2	0	2	34
% App. Total	0	0	0	0	0	0	20	80	73.4	7.4	92.6	0	73.4	0	100	0	0	0	0	
PHF	.000	.000	.000	.000	.000	.000	.250	.500	.625	.500	.568	.000	.563	.000	.250	.000	.250	.000	.250	.607

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1

File Name : 9a-Rt 1 NB and Coal Landing Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	2
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
Total	0	0	0	0	0	0	1	0	0	1	0	6	0	0	6	0	0	0	0	0	0	7
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1
07:45 AM	0	0	0	0	0	0	1	0	0	1	0	3	0	0	3	0	0	0	0	0	0	4
Total	0	0	0	0	0	0	1	0	0	1	0	4	1	0	5	1	0	0	0	0	1	7
08:00 AM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	1	0	0	0	1	4
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
09:30 AM	0	0	0	0	0	0	0	1	0	1	0	1	1	0	2	0	0	0	0	0	0	3
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
Total	0	0	0	0	0	0	0	1	0	1	0	7	1	0	8	0	1	0	0	0	1	10
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	0	1	0	0	0	1	3
10:30 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
10:45 AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	2	0	0	2	0	2	1	0	3	0	1	0	0	0	1	6
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
11:45 AM	0	0	0	0	0	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	3	0	0	3	0	0	0	0	0	0	3
12:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	2
01:15 PM	0	0	0	0	0	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	1	0	0	0	0	0	1	1
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	1	0	0	0	0	1	3
02:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	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	1	0	0	1	0	1	0	0	0	1	2
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	2
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
04:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	1	2
05:00 PM	0	0	0	0	0	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	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	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

File Name : 9a-Rt 1 NB and Coal Landing Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	5	1	0	6	0	31	3	0	34	2	4	0	0	6	46	
Apprch %	0	0	0	0	0	0	83.3	16.7	0	0	0	91.2	8.8	0	0	33.3	66.7	0	0	0	0	
Total %	0	0	0	0	0	0	10.9	2.2	0	13	0	67.4	6.5	0	73.9	4.3	8.7	0	0	13		

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Rt 1 Northbound				Coal Landing Rd Eastbound				Int. Total		
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total			
09:00 AM	0	0	0	0	0	0	0	0	0	0	3	0	3	0	1	0	1	4	
09:15 AM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	
09:30 AM	0	0	0	0	0	0	0	1	1	0	1	1	2	0	0	0	0	3	
09:45 AM	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	2	
Total Volume	0	0	0	0	0	0	0	1	1	0	7	1	8	0	1	0	1	10	
% App. Total	0	0	0	0	0	0	0	100	0	0	87.5	12.5	0	0	100	0	0	0	
PHF	.000	.000	.000	.000	.000	.000	.000	.250	.250	.000	.583	.250	.667	.000	.250	.000	.250	.625	

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Rt 1 Northbound				Coal Landing Rd Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right										

File Name : 9a-Rt 1 NB and Coal Landing Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

File Name : 9a-Rt 1 NB and Coal Landing Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	0	0	0	0	1
02:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
03:00 PM	0	0	0	0	0	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	0	0	0	0	0

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	0	0	0	0	1
Apprch %	0	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0
Total %	0	0	0	0	0	0	0	0	100	100	0	0	0	0	0	0	0	0	0	0	0	0

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Rt 1 Northbound				Coal Landing Rd Eastbound				Int. Total					
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total						
06:00 AM	0	0	0	0	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	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	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	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	0	0	0	0	0	2	54	0	56	4	190	7	0	201	35	3	0	0	38	295
06:15 AM	0	0	0	0	0	0	3	48	0	51	3	258	4	0	265	32	7	0	0	39	355
06:30 AM	0	0	0	0	0	0	2	65	0	67	9	287	17	0	313	36	21	0	0	57	437
06:45 AM	0	0	0	0	0	0	1	54	0	55	14	377	12	0	403	42	17	0	0	59	517
Total	0	0	0	0	0	0	8	221	0	229	30	1112	40	0	1182	145	48	0	0	193	1604
07:00 AM	0	0	0	0	0	0	2	51	0	53	10	271	6	0	287	40	13	0	0	53	393
07:15 AM	0	0	0	0	0	0	3	55	0	58	12	255	3	0	270	45	20	0	0	65	393
07:30 AM	0	0	0	0	0	0	4	47	0	51	8	268	5	0	281	25	11	0	0	36	368
07:45 AM	0	0	0	0	0	0	10	44	0	54	10	257	6	0	273	29	16	0	0	45	372
Total	0	0	0	0	0	0	19	197	0	216	40	1051	20	0	1111	139	60	0	0	199	1526
08:00 AM	0	0	0	0	0	0	6	39	0	45	6	212	3	0	221	17	24	0	0	41	307
08:15 AM	0	0	0	0	0	0	9	51	0	60	7	191	3	0	201	21	29	0	0	50	311
08:30 AM	0	0	0	0	0	0	2	32	0	34	9	237	5	0	251	24	21	0	0	45	330
08:45 AM	0	0	0	0	0	0	2	43	0	45	4	202	3	0	209	25	18	0	0	43	297
Total	0	0	0	0	0	0	19	165	0	184	26	842	14	0	882	87	92	0	0	179	1245
09:00 AM	0	0	0	0	0	0	1	31	0	32	3	186	4	0	193	30	18	0	0	48	273
09:15 AM	0	0	0	0	0	0	2	27	0	29	4	202	2	0	208	26	28	0	0	54	291
09:30 AM	0	0	0	0	0	0	6	38	0	44	3	178	5	0	186	15	29	0	0	44	274
09:45 AM	0	0	0	0	0	0	1	32	0	33	3	146	0	0	149	23	18	0	0	41	223
Total	0	0	0	0	0	0	10	128	0	138	13	712	11	0	736	94	93	0	0	187	1061
10:00 AM	0	0	0	0	0	0	2	21	0	23	7	147	5	0	159	17	28	0	0	45	227
10:15 AM	0	0	0	0	0	0	1	34	0	35	8	138	4	0	150	12	22	0	0	34	219
10:30 AM	0	0	0	0	0	0	4	22	0	26	5	126	3	0	134	11	33	0	0	44	204
10:45 AM	0	0	0	0	0	0	4	29	0	33	3	165	3	0	171	12	32	0	0	44	248
Total	0	0	0	0	0	0	11	106	0	117	23	576	15	0	614	52	115	0	0	167	898
11:00 AM	0	0	0	0	0	0	2	28	0	30	0	112	1	0	113	15	26	0	0	41	184
11:15 AM	0	0	0	0	0	0	1	29	0	30	4	121	1	0	126	12	34	0	0	46	202
11:30 AM	0	0	0	0	0	0	5	34	0	39	3	156	7	0	166	16	35	0	0	51	256
11:45 AM	0	0	0	0	0	0	3	24	0	27	3	148	2	0	153	15	31	0	0	46	226
Total	0	0	0	0	0	0	11	115	0	126	10	537	11	0	558	58	126	0	0	184	868
12:00 PM	0	0	0	0	0	0	9	25	0	34	3	156	4	0	163	7	29	0	0	36	233
12:15 PM	0	0	0	0	0	0	3	23	0	26	5	131	3	0	139	25	36	0	0	61	226
12:30 PM	0	0	0	0	0	0	1	30	0	31	7	135	5	0	147	15	32	0	0	47	225
12:45 PM	0	0	0	0	0	0	5	27	0	32	8	126	4	0	138	14	47	0	0	61	231
Total	0	0	0	0	0	0	18	105	0	123	23	548	16	0	587	61	144	0	0	205	915
01:00 PM	0	0	0	0	0	0	3	20	0	23	3	158	7	0	168	15	36	0	0	51	242
01:15 PM	0	0	0	0	0	0	3	28	0	31	2	148	1	0	151	9	48	0	0	57	239
01:30 PM	0	0	0	0	0	0	4	25	0	29	3	123	7	0	133	9	48	0	0	57	219
01:45 PM	0	0	0	0	0	0	2	19	0	21	1	96	1	0	98	10	36	0	0	46	165
Total	0	0	0	0	0	0	12	92	0	104	9	525	16	0	550	43	168	0	0	211	865
02:00 PM	0	0	0	0	0	0	4	10	0	14	4	98	4	0	106	11	50	0	0	61	181
02:15 PM	0	0	0	0	0	0	2	22	0	24	6	181	7	0	194	10	54	0	0	64	282
02:30 PM	0	0	0	0	0	0	1	36	0	37	6	193	3	0	202	16	67	0	0	83	322
02:45 PM	0	0	0	0	0	0	4	24	0	28	1	144	8	0	153	14	70	0	0	84	265
Total	0	0	0	0	0	0	11	92	0	103	17	616	22	0	655	51	241	0	0	292	1050
03:00 PM	0	0	0	0	0	0	0	37	0	37	6	128	10	0	144	16	55	0	0	71	252
03:15 PM	0	0	0	0	0	0	3	28	0	31	7	142	7	0	156	23	91	0	0	114	301
03:30 PM	0	0	0	0	0	0	19	39	0	58	9	122	1	0	132	8	90	0	0	98	288
03:45 PM	0	0	0	0	0	0	5	40	0	45	4	126	2	0	132	19	84	0	0	103	280
Total	0	0	0	0	0	0	27	144	0	171	26	518	20	0	564	66	320	0	0	386	1121
04:00 PM	0	0	0	0	0	0	4	39	0	43	1	148	5	0	154	20	100	0	0	120	317
04:15 PM	0	0	0	0	0	0	0	28	0	28	5	136	1	0	142	20	100	0	0	120	290
04:30 PM	0	0	0	0	0	0	3	36	0	39	6	161	3	0	170	16	106	0	0	122	331
04:45 PM	0	0	0	0	0	0	3	34	0	37	5	161	1	0	167	17	120	0	0	137	341
Total	0	0	0	0	0	0	10	137	0	147	17	606	10	0	633	73	426	0	0	499	1279
05:00 PM	0	0	0	0	0	0	4	30	0	34	2	144	0	0	146	18	136	0	0	154	334
05:15 PM	0	0	0	0	0	0	1	29	0	30	1	156	6	0	163	16	102	0	0	118	311
05:30 PM	0	0	0	0	0	0	3	39	0	42	3	114	4	0	121	22	121	0	0	143	306
05:45 PM	0	0	0	0	0	0	3	34	0	37	7	151	1	0	159	18	130	0	0	148	344
Total	0	0	0	0	0	0	11	132	0	143	13	565	11	0	589	74	489	0	0	563	1295
06:00 PM	0	0	0	0	0	0	3	34	0	37	4	116	1	0	121	14	121	0	0	135	293

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Rt 1 Northbound					Coal Landing Rd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	0	0	0	0	0	2	28	0	30	0	147	0	0	147	11	103	0	0	114	291
06:30 PM	0	0	0	0	0	0	2	24	0	26	4	132	7	0	143	17	64	0	0	81	250
06:45 PM	0	0	0	0	0	0	4	35	0	39	5	131	3	0	139	18	76	0	0	94	272
Total	0	0	0	0	0	0	11	121	0	132	13	526	11	0	550	60	364	0	0	424	1106
Grand Total	0	0	0	0	0	0	178	1755	0	1933	260	8734	217	0	9211	1003	2686	0	0	3689	14833
Apprch %	0	0	0	0	0	0	9.2	90.8	0	0	2.8	94.8	2.4	0	0	27.2	72.8	0	0	0	0
Total %	0	0	0	0	0	0	1.2	11.8	0	13	1.8	58.9	1.5	0	62.1	6.8	18.1	0	0	24.9	0
% Cars	0	0	0	0	0	0	162	1733	0	1895	222	8450	203	0	8875	993	2643	0	0	3636	14406
% Buses	0	0	0	0	0	0	91	98.7	0	98	85.4	96.7	93.5	0	96.4	99	98.4	0	0	98.6	97.1
% Articulated Trucks	0	0	0	0	0	0	2	5	0	7	28	103	3	0	134	1	10	0	0	11	152
Single-Unit Trucks	0	0	0	0	0	0	1.1	0.3	0	0.4	10.8	1.2	1.4	0	1.5	0.1	0.4	0	0	0.3	1
% Single-Unit Trucks	0	0	0	0	0	0	9	16	0	25	10	150									

Groups Printed- Cars

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	2	35	4	0	41	6	0	0	0	6	0	0	0	0	0	0	35	0	0	35	82
06:15 AM	7	41	7	0	55	4	0	0	0	4	0	0	0	0	0	0	32	0	0	32	91
06:30 AM	19	33	6	0	58	8	1	0	0	9	0	0	0	0	0	0	38	0	0	38	105
06:45 AM	15	86	9	0	110	14	1	0	0	15	0	0	0	0	0	0	41	1	0	42	167
Total	43	195	26	0	264	32	2	0	0	34	0	0	0	0	0	0	146	1	0	147	445
07:00 AM	13	116	27	0	156	9	0	0	0	9	0	0	0	0	0	0	38	1	0	39	204
07:15 AM	19	103	30	0	152	11	1	0	0	12	0	0	0	0	0	0	44	1	0	45	209
07:30 AM	10	65	19	0	94	7	2	0	0	9	0	0	0	0	0	0	23	0	0	23	126
07:45 AM	17	68	10	0	95	17	1	0	0	18	0	0	0	0	0	0	27	0	0	27	140
Total	59	352	86	0	497	44	4	0	0	48	0	0	0	0	0	0	132	2	0	134	679
08:00 AM	22	81	4	0	107	7	1	0	0	8	0	0	0	0	0	0	19	0	0	19	134
08:15 AM	28	81	12	0	121	12	0	0	0	12	0	0	0	0	0	0	22	0	0	22	155
08:30 AM	20	78	13	0	111	7	2	0	0	9	0	0	0	0	0	0	25	0	0	25	145
08:45 AM	17	92	14	0	123	7	0	0	0	7	0	0	0	0	0	0	25	0	0	25	155
Total	87	332	43	0	462	33	3	0	0	36	0	0	0	0	0	0	91	0	0	91	589
09:00 AM	19	74	23	0	116	3	1	0	0	4	0	0	0	0	0	0	28	0	0	28	148
09:15 AM	28	90	10	0	128	4	0	0	0	4	0	0	0	0	0	0	25	2	0	27	159
09:30 AM	28	80	7	0	115	6	1	0	0	7	0	0	0	0	0	0	13	0	0	13	135
09:45 AM	18	95	20	0	133	7	0	0	0	7	0	0	0	0	0	0	23	0	0	23	163
Total	93	339	60	0	492	20	2	0	0	22	0	0	0	0	0	0	89	2	0	91	605
10:00 AM	27	88	6	0	121	9	0	0	0	9	0	0	0	0	0	0	16	1	0	17	147
10:15 AM	21	103	8	0	132	5	0	0	0	5	0	0	0	0	0	0	12	0	0	12	149
10:30 AM	32	88	15	0	135	7	0	0	0	7	0	0	0	0	0	0	11	0	0	11	153
10:45 AM	32	101	14	0	147	7	0	0	0	7	0	0	0	0	0	0	9	1	0	10	164
Total	112	380	43	0	535	28	0	0	0	28	0	0	0	0	0	0	48	2	0	50	613
11:00 AM	25	106	12	0	143	2	0	0	0	2	0	0	0	0	0	0	14	0	0	14	159
11:15 AM	30	109	8	0	147	5	0	0	0	5	0	0	0	0	0	0	12	0	0	12	164
11:30 AM	39	124	16	0	179	8	0	0	0	8	0	0	0	0	0	0	16	0	0	16	203
11:45 AM	29	108	10	0	147	5	0	0	0	5	0	0	0	0	0	0	14	0	0	14	166
Total	123	447	46	0	616	20	0	0	0	20	0	0	0	0	0	0	56	0	0	56	692
12:00 PM	29	116	18	0	163	9	2	0	0	11	0	0	0	0	0	0	7	0	0	7	181
12:15 PM	35	126	16	0	177	5	1	0	0	6	0	0	0	0	0	0	22	0	0	22	205
12:30 PM	32	113	25	0	170	9	0	0	0	9	0	0	0	0	0	0	14	1	0	15	194
12:45 PM	47	117	17	0	181	13	0	0	0	13	0	0	0	0	0	0	13	0	0	13	207
Total	143	472	76	0	691	36	3	0	0	39	0	0	0	0	0	0	56	1	0	57	787
01:00 PM	36	127	16	0	179	2	1	0	0	3	0	0	0	0	0	0	15	0	0	15	197
01:15 PM	48	122	18	0	188	5	0	0	0	5	0	0	0	0	0	0	8	0	0	8	201
01:30 PM	49	163	21	0	233	6	1	0	0	7	0	0	0	0	0	0	7	0	0	7	247
01:45 PM	37	154	23	0	214	2	0	0	0	2	0	0	0	0	0	0	10	1	0	11	227
Total	170	566	78	0	814	15	2	0	0	17	0	0	0	0	0	0	40	1	0	41	872
02:00 PM	50	159	32	0	241	7	0	0	0	7	0	0	0	0	0	0	9	0	0	9	257
02:15 PM	54	160	23	0	237	6	1	0	0	7	0	0	0	0	0	0	12	0	0	12	256
02:30 PM	65	167	26	0	258	4	0	0	0	4	0	0	0	0	0	0	16	0	0	16	278
02:45 PM	71	165	25	0	261	5	0	0	0	5	0	0	0	0	0	0	12	0	0	12	278
Total	240	651	106	0	997	22	1	0	0	23	0	0	0	0	0	0	49	0	0	49	1069
03:00 PM	55	229	26	0	310	5	1	0	0	6	0	0	0	0	0	0	18	0	0	18	334
03:15 PM	91	219	34	0	344	4	2	0	0	6	0	0	0	0	0	0	24	0	0	24	374
03:30 PM	96	257	44	0	397	25	3	0	0	28	0	0	0	0	0	0	7	0	0	7	432
03:45 PM	86	273	60	0	419	6	3	0	0	9	0	0	0	0	0	0	18	1	0	19	447
Total	328	978	164	0	1470	40	9	0	0	49	0	0	0	0	0	0	67	1	0	68	1587
04:00 PM	101	299	61	0	461	3	1	0	0	4	0	0	0	0	0	0	18	1	0	19	484
04:15 PM	96	350	61	0	507	2	1	0	0	3	0	0	0	0	0	0	19	0	0	19	529
04:30 PM	108	247	88	0	443	6	2	0	0	8	0	0	0	0	0	0	15	0	0	15	466
04:45 PM	120	342	67	0	529	5	3	0	0	8	0	0	0	0	0	0	17	1	0	18	555
Total	425	1238	277	0	1940	16	7	0	0	23	0	0	0	0	0	0	69	2	0	71	2034
05:00 PM	133	265	96	0	494	5	0	0	0	5	0	0	0	0	0	0	18	0	0	18	517
05:15 PM	101	293	83	0	477	1	1	0	0	2	0	0	0	0	0	0	14	0	0	14	493
05:30 PM	121	300	70	0	491	5	1	0	0	6	0	0	0	0	0	0	24	0	0	24	521
05:45 PM	126	272	76	0	474	7	2	0	0	9	0	0	0	0	0	0	17	0	0	17	500
Total	481	1130	325	0	1936	18	4	0	0	22	0	0	0	0	0	0	73	0	0	73	2031
06:00 PM	116	264	54	0	434	8	0	0	0	8	0	0	0	0	0	0	15	1	0	16	458

Groups Printed- Cars

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	105	280	59	0	444	2	0	0	0	2	0	0	0	0	0	0	10	1	0	11	457
06:30 PM	63	200	30	0	293	3	0	0	0	3	0	0	0	0	0	0	15	0	0	15	311
06:45 PM	76	156	44	0	276	7	0	0	0	7	0	0	0	0	0	0	17	0	0	17	300
Total	360	900	187	0	1447	20	0	0	0	20	0	0	0	0	0	0	57	2	0	59	1526
Grand Total	2664	7980	1517	0	12161	344	37	0	0	381	0	0	0	0	0	0	973	14	0	987	13529
Apprch %	21.9	65.6	12.5	0		90.3	9.7	0	0		0	0	0	0	0	0	98.6	1.4	0		
Total %	19.7	59	11.2	0	89.9	2.5	0.3	0	0	2.8	0	0	0	0	0	0	7.2	0.1	0	7.3	

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:45 AM	15	86	9	0	110	14	1	0	0	15	0	0	0	0	0	0	41	1	0	42	167
07:00 AM	13	116	27	0	156	9	0	0	0	9	0	0	0	0	0	0	38	1	0	39	204
07:15 AM	19	103	30	0	152	11	1	0	0	12	0	0	0	0	0	0	44	1	0	45	209
07:30 AM	10	65	19	0	94	7	2	0	0	9	0	0	0	0	0	0	23	0	0	23	126
07:45 AM	17	68	10	0	95	17	1	0	0	18	0	0	0	0	0	0	27	0	0	27	140
Total	57	370	85																		

Groups Printed- Buses

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total		
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total			
06:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:30 AM	2	0	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	
06:45 AM	2	15	0	0	17	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	19	
Total	4	16	0	0	20	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	23	
07:00 AM	0	1	1	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	
07:15 AM	1	3	0	0	4	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	
07:30 AM	1	3	1	0	5	1	2	0	0	3	0	0	0	0	0	0	0	1	0	1	0	9	
07:45 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Total	2	9	2	0	13	4	2	0	0	6	0	0	0	0	0	0	0	1	0	1	0	20	
08:00 AM	0	3	1	0	4	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	
08:15 AM	1	1	1	0	3	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	6	
08:30 AM	0	6	0	0	6	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	8	
08:45 AM	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
Total	2	15	2	0	19	5	2	0	0	7	0	0	0	0	0	0	0	0	0	0	0	26	
09:00 AM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
09:15 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
09:30 AM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
09:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Total	0	7	1	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	
10:00 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10:30 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	
Total	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4	
11:00 AM	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
11:15 AM	0	0	0	0	0	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	0	0	0	0	0	
11:45 AM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Total	1	3	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
12:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	
12:30 PM	0	0	0	0	0	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	0	0	0	0	0	
Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3	
01:00 PM	0	5	1	0	6	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7	
01:15 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
01:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Total	0	10	1	0	11	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	12	
02:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
02:30 PM	0	3	0	0	3	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	6	
02:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Total	0	5	0	0	5	2	1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	8	
03:00 PM	0	4	2	0	6	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7	
03:15 PM	0	2	0	0	2	0	2	0	0	2	0	0	0	0	0	0	0	1	0	1	0	5	
03:30 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
03:45 PM	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Total	0	8	4	0	12	0	3	0	0	3	0	0	0	0	0	0	0	1	0	1	0	16	
04:00 PM	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	
04:15 PM	1	4	0	0	5	1	1	0	0	2	0	0	0	0	0	0	0	1	0	1	0	8	
04:30 PM	0	1	2	0	3	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5	
04:45 PM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Total	1	8	3	0	12	2	3	0	0	5	0	0	0	0	0	0	0	1	0	1	0	18	
05:00 PM	0	1	1	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	
05:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
05:45 PM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
Total	0	3	2	0	5	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6	
06:00 PM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	

Groups Printed- Buses

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Grand Total	11	90	17	0	118	17	12	0	0	29	0	0	0	0	0	0	1	4	0	0	5	152
Apprch %	9.3	76.3	14.4	0		58.6	41.4	0	0		0	0	0	0		0	20	80	0			
Total %	7.2	59.2	11.2	0	77.6	11.2	7.9	0	0	19.1	0	0	0	0		0	0.7	2.6	0		3.3	

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Bells Hill Rd Northbound				Rt 1 Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
06:45 AM	2	15	0	17	1	1	0	2	0	0	0	0	0	0	0	0	19
07:00 AM	0	1	1	2	1	0	0	1	0	0	0	0	0	0	0	0	3
07:15 AM	1	3	0	4	2	0	0	2	0	0	0	0	0	0	0	0	6
07:30 AM	1	3	1	5	1	2	0	3	0	0	0	0	0	0	1	1	9
Total Volume	4	22	2	28	5	3	0	8	0	0	0	0	0	0	1	1	37
% App. Total	14.3	78.6	7.1		62.5	37.5	0		0	0	0	0	0	0	100		
PHF	.500	.367	.500	.412	.625	.375	.000	.667	.000	.000	.000	.000	.000	.000	.250	.250	.487

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Bells Hill Rd Northbound				Rt 1 Eastbound				Int. Total
	Left	Thru	Right	App. Total													



Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	0	0	0	0	0
06:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:15 AM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:45 AM	0	3	0	0	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4
Total	0	5	0	0	5	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7
08:00 AM	2	4	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
08:15 AM	1	0	0	0	1	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	3
08:30 AM	1	5	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
08:45 AM	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total	4	15	0	0	19	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	21
09:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:15 AM	0	3	1	0	4	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6
09:30 AM	2	3	0	0	5	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6
09:45 AM	0	3	0	0	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4
Total	2	10	1	0	13	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	17
10:00 AM	2	4	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
10:15 AM	0	1	0	0	1	3	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	4
10:30 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
10:45 AM	1	5	0	0	6	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7
Total	3	12	0	0	15	3	1	0	0	4	0	0	0	0	0	0	0	0	0	0	0	19
11:00 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11:15 AM	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
11:30 AM	2	3	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
11:45 AM	2	3	0	0	5	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6
Total	6	8	0	0	14	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	15
12:00 PM	0	3	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
12:15 PM	3	2	0	0	5	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	7
12:30 PM	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
12:45 PM	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	3	15	1	0	19	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	21
01:00 PM	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
01:15 PM	2	2	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
01:30 PM	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
01:45 PM	0	4	1	0	5	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	6
Total	3	9	2	0	14	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	16
02:00 PM	0	1	1	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
02:15 PM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
02:30 PM	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	4	
02:45 PM	1	3	1	0	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	6	
Total	2	7	2	0	11	2	0	0	0	2	0	0	0	0	0	2	0	0	0	2	15	
03:00 PM	1	3	0	0	4	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5
03:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:30 PM	0	3	1	0	4	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5
03:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	
Total	1	8	1	0	10	2	0	0	0	2	0	0	0	0	0	1	0	0	0	1	13	
04:00 PM	2	3	2	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
04:15 PM	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	4	
04:30 PM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Total	3	7	3	0	13	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	14	
05:00 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:15 PM	1	4	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
05:30 PM	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:45 PM	3	3	1	0	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Total	5	10	1	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
06:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	1	0	0	0	1	1
06:45 PM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	5
Grand Total	32	111	11	0	154	18	2	0	0	20	0	0	0	0	0	6	0	0	0	6	180	
Apprch %	20.8	72.1	7.1	0		90	10	0	0		0	0	0	0		100	0	0				
Total %	17.8	61.7	6.1	0	85.6	10	1.1	0	0	11.1	0	0	0	0		3.3	0	0			3.3	

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
09:15 AM	0	3	1	0	4	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	6
09:30 AM	2	3	0	0	5	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6
09:45 AM	0	3	0	0	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	4
10:00 AM	2	4	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Total Volume	4	13	1	0	18	4	0	0	0	4	0	0	0	0	0	0	0	0	0	0	22
% App. Total	22.2	72.2	5.6	0		100	0	0	0		0	0	0	0		0	0	0			
PHF	.500	.813	.250	.750		.500	.000	.000	.500		.000	.000	.000	.000		.000	.000	.000	.000		.917

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound				
------------	-----------------	--	--	--	--	---------------------------	--	--	--	--

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:15 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
06:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	3	0	0	3	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
08:00 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:15 AM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
09:00 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:15 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:30 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:45 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	3	2	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:15 AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:45 AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	1	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
11:00 AM	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
11:15 AM	0	0	0	0	0	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	0	0	0	0	0
11:45 AM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
12:00 PM	0	0	0	0	0	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	0	0	0	0	0
12:30 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
12:45 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
01:00 PM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
01:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
01:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	3	0	0	3	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	5
02:00 PM	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
02:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
03:00 PM	0	0	0	0	0	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:45 PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
05:00 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
05:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grand Total	5	29	1	0	35	4	0	0	0	4	0	0	0	0	0	0	1	0	0	0	1	40
Apprch %	14.3	82.9	2.9	0		100	0	0	0		0	0	0	0		0	100	0	0			
Total %	12.5	72.5	2.5	0	87.5	10	0	0	0	10	0	0	0	0		0	2.5	0	0		2.5	

Start Time	Rt 1 Southbound				Coal Landing Rd Westbound				Bells Hill Rd Northbound				Rt 1 Eastbound				Int. Total				
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total					
10:15 AM	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:30 AM	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:45 AM	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
11:00 AM	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Total Volume	1	4	0	5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6
% App. Total	20	80	0		100	0	0		0	0	0		0	0	0		0	0	0		
PHF	.250	.333	.000	.417	.250	.000	.000	.250	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.500

Peak Hour Analysis From 12:00 PM to 06:45 PM - Peak 1 of 1

Start
-------

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00 PM	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
12:15 PM	0	0	0	0	0	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	1	1	0	0	0	0	0	0	1
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
01:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	0	0	0	0	0

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total		
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total			
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0	
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Grand Total	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	5
Apprch %	0	0	0	100		0	0	0	0		0	0	0	100		0	0	0	100		0		
Total %	0	0	0	20	20	0	0	0	0	0	0	0	0	20	20	0	0	0	60	60			

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Peak Hour Analysis

File Name : 9b-Rt 1 SB and Bells Hill Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

File Name : 9b-Rt 1 SB and Bells Hill Rd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	2	37	4	0	43	6	0	0	0	6	0	0	0	0	0	0	35	0	0	35	84
06:15 AM	7	41	7	0	55	5	0	0	0	5	0	0	0	0	0	0	32	0	0	32	92
06:30 AM	21	35	6	0	62	9	1	0	0	10	0	0	0	0	0	0	38	0	0	38	110
06:45 AM	17	102	9	0	128	15	2	0	0	17	0	0	0	0	0	0	41	1	0	42	187
Total	47	215	26	0	288	35	3	0	0	38	0	0	0	0	0	0	146	1	0	147	473
07:00 AM	13	118	28	0	159	10	0	0	0	10	0	0	0	0	0	0	38	1	0	39	208
07:15 AM	20	108	30	0	158	14	1	0	0	15	0	0	0	0	0	0	44	1	0	45	218
07:30 AM	11	68	21	0	100	8	4	0	0	12	0	0	0	0	0	0	23	1	0	24	136
07:45 AM	17	74	10	0	101	18	1	0	0	19	0	0	0	0	0	0	27	0	0	27	147
Total	61	368	89	0	518	50	6	0	0	56	0	0	0	0	0	0	132	3	0	135	709
08:00 AM	24	90	5	0	119	7	3	0	0	10	0	0	0	0	0	0	19	0	0	19	148
08:15 AM	30	82	13	0	125	17	0	0	0	17	0	0	0	0	0	0	22	0	0	22	164
08:30 AM	21	89	13	0	123	9	2	0	0	11	0	0	0	0	0	0	25	0	0	25	159
08:45 AM	18	103	14	0	135	7	0	0	0	7	0	0	0	0	0	0	25	0	0	25	167
Total	93	364	45	0	502	40	5	0	0	45	0	0	0	0	0	0	91	0	0	91	638
09:00 AM	20	78	23	0	121	3	1	0	0	4	0	0	0	0	0	0	28	0	0	28	153
09:15 AM	29	95	11	0	135	6	0	0	0	6	0	0	0	0	0	0	25	2	0	27	168
09:30 AM	31	84	8	0	123	7	1	0	0	8	0	0	0	0	0	0	13	0	0	13	144
09:45 AM	18	101	20	0	139	8	0	0	0	8	0	0	0	0	0	0	23	0	0	23	170
Total	98	358	62	0	518	24	2	0	0	26	0	0	0	0	0	0	89	2	0	91	635
10:00 AM	29	94	6	0	129	9	0	0	0	9	0	0	0	0	0	0	16	1	0	17	155
10:15 AM	22	104	8	0	134	8	0	0	0	8	0	0	0	0	0	0	12	0	0	12	154
10:30 AM	33	91	15	0	139	7	0	0	0	7	0	0	0	0	0	0	11	0	0	11	157
10:45 AM	33	106	14	0	153	8	1	0	0	9	0	0	0	0	0	0	9	2	0	11	173
Total	117	395	43	0	555	32	1	0	0	33	0	0	0	0	0	0	48	3	0	51	639
11:00 AM	26	113	12	0	151	2	0	0	0	2	0	0	0	0	0	0	14	0	0	14	167
11:15 AM	32	109	8	0	149	5	0	0	0	5	0	0	0	0	0	0	12	0	0	12	166
11:30 AM	41	127	16	0	184	8	0	0	0	8	0	0	0	0	0	0	16	0	0	16	208
11:45 AM	31	114	11	0	156	6	0	0	0	6	0	0	0	0	0	0	14	0	0	14	176
Total	130	463	47	0	640	21	0	0	0	21	0	0	0	0	0	0	56	0	0	56	717
12:00 PM	29	121	19	0	169	9	2	0	0	11	0	0	0	0	0	0	7	0	0	7	187
12:15 PM	38	128	16	0	182	6	1	0	0	7	0	0	0	0	0	0	24	0	0	24	213
12:30 PM	32	121	25	0	178	9	0	0	0	9	0	0	0	0	0	0	14	1	0	15	202
12:45 PM	47	123	17	0	187	13	0	0	0	13	0	0	0	0	0	0	13	0	0	13	213
Total	146	493	77	0	716	37	3	0	0	40	0	0	0	0	0	0	58	1	0	59	815
01:00 PM	36	133	18	0	187	4	2	0	0	6	0	0	0	0	0	0	15	0	0	15	208
01:15 PM	50	128	18	0	196	5	0	0	0	5	0	0	0	0	0	0	8	0	0	8	209
01:30 PM	50	167	21	0	238	6	1	0	0	7	0	0	0	0	0	0	8	0	0	8	253
01:45 PM	37	160	24	0	221	3	0	0	0	3	0	0	0	0	0	0	10	1	0	11	235
Total	173	588	81	0	842	18	3	0	0	21	0	0	0	0	0	0	41	1	0	42	905
02:00 PM	50	162	33	0	245	9	0	0	0	9	0	0	0	0	0	0	9	0	0	9	263
02:15 PM	54	161	23	0	238	7	1	0	0	8	0	0	0	0	0	0	12	0	0	12	258
02:30 PM	66	172	26	0	264	6	1	0	0	7	0	0	0	0	0	0	17	0	0	17	288
02:45 PM	72	169	26	0	267	5	0	0	0	5	0	0	0	0	0	0	13	0	0	13	285
Total	242	664	108	0	1014	27	2	0	0	29	0	0	0	0	0	0	51	0	0	51	1094
03:00 PM	56	236	28	0	320	6	2	0	0	8	0	0	0	0	0	0	18	0	0	18	346
03:15 PM	91	222	34	0	347	4	4	0	0	8	0	0	0	0	0	0	24	1	0	25	380
03:30 PM	96	260	46	0	402	26	3	0	0	29	0	0	0	0	0	0	7	0	0	7	438
03:45 PM	87	276	61	0	424	6	3	0	0	9	0	0	0	0	0	0	19	1	0	20	453
Total	330	994	169	0	1493	42	12	0	0	54	0	0	0	0	0	0	68	2	0	70	1617
04:00 PM	103	304	63	0	470	3	2	0	0	5	0	0	0	0	0	0	18	1	0	19	494
04:15 PM	98	357	61	0	516	3	2	0	0	5	0	0	0	0	0	0	20	1	0	21	542
04:30 PM	108	250	91	0	449	7	3	0	0	10	0	0	0	0	0	0	15	0	0	15	474
04:45 PM	120	345	68	0	533	5	3	0	0	8	0	0	0	0	0	0	17	1	0	18	559
Total	429	1256	283	0	1968	18	10	0	0	28	0	0	0	0	0	0	70	3	0	73	2069
05:00 PM	133	269	97	0	499	6	0	0	0	6	0	0	0	0	0	0	18	0	0	18	523
05:15 PM	102	300	83	0	485	1	1	0	0	2	0	0	0	0	0	0	14	0	0	14	501
05:30 PM	122	301	70	0	493	5	1	0	0	6	0	0	0	0	0	0	24	0	0	24	523
05:45 PM	129	276	78	0	483	7	2	0	0	9	0	0	0	0	0	0	17	0	0	17	509
Total	486	1146	328	0	1960	19	4	0	0	23	0	0	0	0	0	0	73	0	0	73	2056
06:00 PM	116	266	55	0	437	8	0	0	0	8	0	0	0	0	0	0	15	1	0	16	461

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Rt 1 Southbound					Coal Landing Rd Westbound					Bells Hill Rd Northbound					Rt 1 Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	105	281	59	0	445	2	0	0	0	2	0	0	0	0	0	0	10	1	0	11	458
06:30 PM	63	200	30	0	293	3	0	0	0	3	0	0	0	0	0	0	16	0	0	16	312
06:45 PM	76	159	44	0	279	7	0	0	0	7	0	0	0	0	0	0	17	0	0	17	303
Total	360	906	188	0	1454	20	0	0	0	20	0	0	0	0	0	0	58	2	0		

Groups Printed- Cars

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	0	0	0	0	0	0	9	0	9	0	150	1	0	150	11	2	0	0	13	172
06:15 AM	0	0	0	0	0	0	3	3	0	6	1	249	1	0	251	4	0	0	0	4	261
06:30 AM	0	0	0	0	0	0	0	5	0	5	2	281	1	0	284	14	1	0	0	15	304
06:45 AM	0	0	0	0	0	0	4	5	0	9	1	314	1	0	316	17	0	0	0	17	342
Total	0	0	0	0	0	0	7	22	0	29	4	994	3	0	1001	46	3	0	0	49	1079
07:00 AM	0	0	0	0	0	0	5	5	0	10	1	244	2	0	247	13	1	0	0	14	271
07:15 AM	0	0	0	0	0	0	3	3	0	6	5	189	0	0	194	11	2	0	0	13	213
07:30 AM	0	0	0	0	0	0	1	4	0	5	2	227	1	0	230	12	5	0	0	17	252
07:45 AM	0	0	0	0	0	0	0	8	0	8	3	189	3	0	195	11	0	0	0	11	214
Total	0	0	0	0	0	0	9	20	0	29	11	849	6	0	866	47	8	0	0	55	950
08:00 AM	0	0	0	0	0	0	5	3	0	8	7	182	1	0	190	10	0	0	0	10	208
08:15 AM	0	0	0	0	0	0	2	5	0	7	4	174	1	0	179	8	0	0	0	8	194
08:30 AM	0	0	0	0	0	0	2	8	0	10	2	195	1	0	198	6	2	0	0	8	216
08:45 AM	0	0	0	0	0	0	0	2	0	2	3	177	0	0	180	9	3	0	0	12	194
Total	0	0	0	0	0	0	9	18	0	27	16	728	3	0	747	33	5	0	0	38	812
09:00 AM	0	0	0	0	0	0	1	3	0	4	3	159	1	0	163	10	1	0	0	11	178
09:15 AM	0	0	0	0	0	0	1	3	0	4	1	183	1	0	185	9	4	0	0	13	202
09:30 AM	0	0	0	0	0	0	1	0	0	1	1	145	0	0	146	6	0	0	0	6	153
09:45 AM	0	0	0	0	0	0	0	4	0	4	1	117	1	0	119	9	3	0	0	12	135
Total	0	0	0	0	0	0	3	10	0	13	6	604	3	0	613	34	8	0	0	42	668
10:00 AM	0	0	0	0	0	0	2	3	0	5	1	122	1	0	124	11	1	0	0	12	141
10:15 AM	0	0	0	0	0	0	1	2	0	3	2	116	1	0	119	8	0	0	0	8	130
10:30 AM	0	0	0	0	0	0	0	2	0	2	0	124	1	0	125	8	2	0	0	10	137
10:45 AM	0	0	0	0	0	0	3	1	0	4	2	161	2	0	165	8	1	0	0	9	178
Total	0	0	0	0	0	0	6	8	0	14	5	523	5	0	533	35	4	0	0	39	586
11:00 AM	0	0	0	0	0	0	2	1	0	3	1	92	1	0	94	6	2	0	0	8	105
11:15 AM	0	0	0	0	0	0	1	1	0	2	3	119	0	0	122	7	1	0	0	8	132
11:30 AM	0	0	0	0	0	0	0	2	0	2	1	139	0	0	140	11	4	0	0	15	157
11:45 AM	0	0	0	0	0	0	1	5	0	6	2	113	0	0	115	6	2	0	0	8	129
Total	0	0	0	0	0	0	4	9	0	13	7	463	1	0	471	30	9	0	0	39	523
12:00 PM	0	0	0	0	0	0	3	2	0	5	2	137	0	0	139	11	2	0	0	13	157
12:15 PM	0	0	0	0	0	0	0	2	0	2	0	132	1	0	133	4	4	0	0	8	143
12:30 PM	0	0	0	0	0	0	2	4	0	6	1	113	2	0	116	7	2	0	0	9	131
12:45 PM	0	0	0	0	0	0	1	2	0	3	2	137	0	0	139	7	2	0	0	9	151
Total	0	0	0	0	0	0	6	10	0	16	5	519	3	0	527	29	10	0	0	39	582
01:00 PM	0	0	0	0	0	0	0	0	0	0	1	127	1	0	129	9	2	0	0	11	140
01:15 PM	0	0	0	0	0	0	1	1	0	2	3	127	5	0	135	5	3	0	0	8	145
01:30 PM	0	0	0	0	0	0	1	7	0	8	2	117	1	0	120	6	1	0	0	7	135
01:45 PM	0	0	0	0	0	0	1	0	0	1	0	94	1	0	95	12	4	0	0	16	112
Total	0	0	0	0	0	0	3	8	0	11	6	465	8	0	479	32	10	0	0	42	532
02:00 PM	0	0	0	0	0	0	0	2	0	2	2	91	0	0	93	5	3	0	0	8	103
02:15 PM	0	0	0	0	0	0	3	1	0	4	0	180	2	0	182	5	1	0	0	6	192
02:30 PM	0	0	0	0	0	0	1	5	0	6	2	168	2	0	172	13	5	0	0	18	196
02:45 PM	0	0	0	0	0	0	1	6	0	7	3	124	1	0	128	16	2	0	0	18	153
Total	0	0	0	0	0	0	5	14	0	19	7	563	5	0	575	39	11	0	0	50	644
03:00 PM	0	0	0	0	0	0	1	3	0	4	1	125	3	0	129	9	4	0	0	13	146
03:15 PM	0	0	0	0	0	0	1	5	0	6	3	130	3	0	136	20	9	0	0	29	171
03:30 PM	0	0	0	0	0	0	2	6	0	8	2	122	1	0	125	9	6	0	0	15	148
03:45 PM	0	0	0	0	0	0	1	2	0	3	4	100	1	0	105	17	2	0	0	19	127
Total	0	0	0	0	0	0	5	16	0	21	10	477	8	0	495	55	21	0	0	76	592
04:00 PM	0	0	0	0	0	0	1	1	0	2	1	144	4	0	149	9	6	0	0	15	166
04:15 PM	0	0	0	0	0	0	1	2	0	3	2	115	3	0	120	10	3	0	0	13	136
04:30 PM	0	0	0	0	0	0	1	4	0	5	0	127	1	0	128	10	4	0	0	14	147
04:45 PM	0	0	0	0	0	0	1	4	0	5	3	157	0	0	160	17	3	0	0	20	185
Total	0	0	0	0	0	0	4	11	0	15	6	543	8	0	557	46	16	0	0	62	634
05:00 PM	0	0	0	0	0	0	0	6	0	6	2	116	4	0	122	18	10	0	0	28	156
05:15 PM	0	0	0	0	0	0	0	5	0	5	1	129	2	0	132	14	4	0	0	18	155
05:30 PM	0	0	0	0	0	0	2	5	0	7	2	113	1	0	116	16	5	0	0	21	144
05:45 PM	0	0	0	0	0	0	0	4	0	4	2	116	2	0	120	11	3	0	0	14	138
Total	0	0	0	0	0	0	2	20	0	22	7	474	9	0	490	59	22	0	0	81	593
06:00 PM	0	0	0	0	0	0	2	2	0	4	3	124	2	0	129	19	4	0	0	23	156

Groups Printed- Cars

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	0	0	0	0	0	2	2	0	4	3	117	1	0	121	16	12	0	0	28	153
06:30 PM	0	0	0	0	0	0	3	4	0	7	2	114	2	0	118	19	7	0	0	26	151
06:45 PM	0	0	0	0	0	0	1	2	0	3	0	128	1	0	129	17	5	0	0	22	154
Total	0	0	0	0	0	0	8	10	0	18	8	483	6	0	497	71	28	0	0	99	614
Grand Total	0	0	0	0	0	0	71	176	0	247	98	7685	68	0	7851	556	155	0	0	711	8809
Apprch %	0	0	0	0	0	0	28.7	71.3	0		1.2	97.9	0.9	0		78.2	21.8	0	0		
Total %	0	0	0	0	0	0	0.8	2	0	2.8	1.1	87.2	0.8	0	89.1	6.3	1.8	0	0	8.1	

Start Time	Rt 1 Southbound				Austin Run Blvd Westbound				Rt 1 Northbound				Austin Run Blvd Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
06:15 AM	0	0	0	0	0	0	3	3	6	1	249	1	251	4	0	0	4	261
06:30 AM	0	0	0	0	0	0	0	5	5	2	281	1	284	14	1	0	15	304
06:45 AM	0	0	0	0	0	0	4	5	9	1	314	1	316	17	0	0	17	342
07:00 AM	0	0	0	0	0	0	5	5	10	1	244	2	247	13	1	0	14	271
Total Volume	0	0	0	0	0	0	12	18	30	5	1088	5	1098	48	2	0	50	1178
% App. Total	0	0	0	0	0	0	40	60		0.5	99.1	0.5		96	4	0		

File Name : 10-Route 1 NB Only and Austin Run Blvd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Buses

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	5
06:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
Total	0	0	0	0	0	0	0	0	0	0	0	16	0	0	16	0	0	0	0	0	16
07:00 AM	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	0	0	2
07:15 AM	0	0	0	0	0	0	1	2	0	3	0	19	2	0	21	0	0	0	0	0	24
07:30 AM	0	0	0	0	0	0	0	1	0	1	0	4	1	0	5	0	0	0	0	0	6
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	1	4	0	5	0	24	4	0	28	0	0	0	0	0	33
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	8
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	8
08:30 AM	0	0	0	0	0	0	0	1	0	1	0	5	1	0	6	0	0	0	0	0	7
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	1	0	1	0	22	1	0	23	0	0	0	0	0	24
09:00 AM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
09:45 AM	0	0	0	0	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	2	0	0	2	0	0	0	0	0	2
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
10:15 AM	0	0	0	0	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	1	0	0	1	0	1	1	0	2	0	0	0	0	0	3
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	1	0	0	1	0	3	1	0	4	0	0	0	0	0	5
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
11:15 AM	0	0	0	0	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	2	0	0	2	0	0	0	0	0	2
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
12:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
12:15 PM	0	0	0	0	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	2	0	0	2	0	0	0	0	0	2
12:45 PM	0	0	0	0	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	1	2	0	0	3	0	0	0	0	0	3
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	2
01:15 PM	0	0	0	0	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	2	0	0	2	0	0	0	0	0	2
01:45 PM	0	0	0	0	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	3	0	0	3	1	0	0	0	0	4
02:00 PM	0	0	0	0	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	7	0	0	7	0	0	0	0	0	7
02:30 PM	0	0	0	0	0	0	0	1	0	1	0	21	1	0	22	0	0	0	0	0	23
02:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	1	0	0	0	0	3
Total	0	0	0	0	0	0	0	1	0	1	0	30	1	0	31	1	0	0	0	0	33
03:00 PM	0	0	0	0	0	0	0	2	0	2	0	3	2	0	5	1	0	0	0	0	8
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Total	0	0	0	0	0	0	0	2	0	2	0	13	2	0	15	1	0	0	0	0	18
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	5
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
04:30 PM	0	0	0	0	0	0	0	1	0	1	0	1	1	0	2	0	0	0	0	0	3
04:45 PM	0	0	0	0	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	1	0	1	0	10	1	0	11	0	0	0	0	0	12
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	0	0	4
05:15 PM	0	0	0	0	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	1	0	0	1	0	0	0	0	0	1
05:45 PM	0	0	0	0	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	4	0	0	4	1	0	0	0	0	5
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

File Name : 10-Route 1 NB Only and Austin Run Blvd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Buses

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	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	0	0	0	0	
06:45 PM	0	0	0	0	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	0	0	0	0	
Grand Total	0	0	0	0	0	0	2	9	0	11	1	133	10	0	144	4	0	0	0	0	4	159
Apprch %	0	0	0	0	0	0	18.2	81.8	0	0	0.7	92.4	6.9	0	0	100	0	0	0	0	0	
Total %	0	0	0	0	0	0	1.3	5.7	0	6.9	0.6	83.6	6.3	0	90.6	2.5	0	0	0	0	2.5	

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
07:15 AM	0	0	0	0	0	0	1	2	3	0	19	2	21	0	0	0	0	0	0	0	24
07:30 AM	0	0	0	0	0	0	0	1	0	1	0	4	1	0	5	0	0	0	0	0	6
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	8
Total Volume	0	0	0	0	0	0	1	3	4	0	32	3	35	0	0	0	0	0	0	0	39
% App. Total	0	0	0	0	0	0	25	75	0	0	91.4	8.6	0	0	0	0	0	0	0	0	0
PHF	.000	.000	.000	.000	.000	.000	.250	.375	.333	.000	.421	.375	.417	.000	.000	.000	.000	.000	.000	.000	.406

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	0	0	0	0	0	0	1	2	3	0	19	2	21	0	0	0	0	0	0	0	24
07:30 AM	0	0	0	0	0	0	0	1	1	0											

File Name : 10-Route 1 NB Only and Austin Run Blvd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
06:15 AM	0	0	0	0	0	0	0	1	0	1	0	5	1	0	6	0	0	0	0	0	7
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	1	0	1	0	10	1	0	11	0	0	0	0	0	12
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	7
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	11
Total	0	0	0	0	0	0	0	0	0	0	0	25	0	0	25	0	0	0	0	0	25
08:00 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
08:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	9
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	5
Total	0	0	0	0	0	0	0	0	0	0	0	22	0	0	22	0	0	0	0	0	22
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	15	0	0	15	0	0	0	0	0	15
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	8
Total	0	0	0	0	0	0	0	0	0	0	0	28	0	0	28	0	0	0	0	0	28
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	4
10:45 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
Total	0	0	0	0	0	0	0	0	0	0	0	11	0	0	11	1	0	0	0	1	12
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
11:30 AM	0	0	0	0	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	4	0	0	4	0	0	0	0	0	4
Total	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	0	0	0	0	8
12:00 PM	0	0	0	0	0	0	0	2	0	2	0	5	1	0	6	1	1	0	0	2	10
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	4
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	1	0	0	0	1	4
Total	0	0	0	0	0	0	0	2	0	2	0	13	1	0	14	3	1	0	0	4	20
01:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	2
01:15 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
01:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
01:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	1	0	0	0	1	6
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
02:15 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
02:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Total	0	0	0	0	0	0	0	0	0	0	0	11	0	0	11	0	0	0	0	0	11
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	4
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	3	2	0	5	0	0	0	0	0	5
03:30 PM	0	0	0	0	0	0	0	1	1	0	2	4	0	0	4	0	0	0	0	0	6
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	1	1	0	2	12	2	0	14	0	0	0	0	0	16
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	3
04:15 PM	0	0	0	0	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	2	0	0	2	0	0	0	0	0	2
04:45 PM	0	0	0	0	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	5	0	0	5	0	0	0	0	0	5
05:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	0	0	1	0	1	0	2	0	0	2	0	0	0	0	0	3
05:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	2
05:45 PM	0	0	0	0	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	1	0	1	0	3	1	0	4	1	0	0	0	1	6
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1

File Name : 10-Route 1 NB Only and Austin Run Blvd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Unit Trucks

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
06:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	6
Grand Total	0	0	0	0	0	0	0	1	5	0	6	0	159	5	0	164	7	1	0	0	8
Approch %	0	0	0	0	0	0	0	16.7	83.3	0	0	0	97	3	0	87.5	12.5	0	0	0	178
Total %	0	0	0	0	0	0	0	0.6	2.8	0	3.4	0	89.3	2.8	0	92.1	3.9	0.6	0	0	4.5

Start Time	Rt 1 Southbound				Austin Run Blvd Westbound				Rt 1 Northbound				Austin Run Blvd Eastbound				Int. Total			
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total				
08:30 AM	0	0	0	0	0	0	0	0	0	0	9	0	9	0	0	0	0	0	0	9
08:45 AM	0	0	0	0	0	0	0	0	0	0	5	0	5	0	0	0	0	0	0	5
09:00 AM	0	0	0	0	0	0	0	0	0	0	3	0	3	0	0	0	0	0	0	3
09:15 AM	0	0	0	0	0	0	0	0	0	0	15	0	15	0	0	0	0	0	0	15
Total Volume	0	0	0	0	0	0	0	0	0	0	32	0	32	0	0	0	0	0	0	32
% App. Total	0	0	0	0	0	0	0	0	0	0	100	0	100	0	0	0	0	0	0	100
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.533	.000	.533	.000	.533	.000	.000	.000	.000	.533

Peak Hour Analysis From 06:00 AM to 11:45 AM - Peak 1 of 1

Peak Hour for Entire Intersection Begins at 08:30 AM

12:00 PM	0	0	0	0	0	0	0	2	2	0	5	1	6	1	1	0	2	10
----------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	----

File Name : 10-Route 1 NB Only and Austin Run Blvd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
06:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
06:45 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
Total	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5
07:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
07:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	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	4	0	0	4	0	0	0	0	0	0	4
08:00 AM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	0	0	0	0	5
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
09:30 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	7	0	0	7	0	0	0	0	0	0	7
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
10:30 AM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
11:00 AM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
11:30 AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
11:45 AM	0	0	0	0	0	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	3	0	0	3	0	0	0	0	0	0	3
12:00 PM	0	0	0	0	0	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	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	0	0	0	0	0
12:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
01:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
02:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
03:00 PM	0	0	0	0	0	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	2
04:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	0	0	0	0	0
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

File Name : 10-Route 1 NB Only and Austin Run Blvd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Articulated Trucks

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	33	0	0	33	0	0	0	0	0	0	33
Approch %	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100
Total %	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
08:30 AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	3
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
09:15 AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	0	0	0	0	0	4
Total Volume	0	0	0	0	0	0	0	0	0	0	0	9	0	0	9	0	0	0	0	0	0	9
% App. Total	0	0	0	0	0	0	0	0	0	0	0	100	0	0	100	0	0	0	0	0	0	100
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.563	.000	.000	.563	.000	.000	.000	.000	.000	.000	.563



File Name : 10-Route 1 NB Only and Austin Run Blvd  
Site Code :  
Start Date : 5/15/2019  
Page No : 1

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	0	0	0	0	0
06:45 AM	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3
Total	0	0	0	0	0	0	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	3
07:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
09:00 AM	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:15 AM	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	0	0	0	0	1
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2
10:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	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	0	1	1	0	1
11:45 AM	0	0	0	0	0	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	1	1	0	0	0	0	1	1	0	2
12:00 PM	0	0	0	0	0	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	1	1	0	0	0	0	0	0	0	0	0	0	0	1
12:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
01:00 PM	0	0	0	0	0	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	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	0	0	0	0	0
01:45 PM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
02:00 PM	0	0	0	0	0	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	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
02:45 PM	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	0	0	2
03:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	2
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	2
04:00 PM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	0	0	0	0	0
05:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
05:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

File Name : 10-Route 1 NB Only and Austin Run Blvd  
Site Code :  
Start Date : 5/15/2019  
Page No : 2

Groups Printed- Pedestrians

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1
06:30 PM	0	0	0	0	0	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	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
Grand Total	0	0	0	1	1	0	0	0	9	9	0	0	0	4	4	0	0	0	2	2	0	16
Apprch %	0	0	0	100		0	0	0	100		0	0	0	100		0	0	0	100		0	
Total %	0	0	0	6.2	6.2	0	0	0	56.2	56.2	0	0	0	25	25	0	0	0	12.5	12.5	0	

Start Time	Rt 1 Southbound					Austin Run Blvd Westbound					Rt 1 Northbound					Austin Run Blvd Eastbound					Int. Total	
	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total	Left	Thru	Right	U-Turn	App. Total		
06:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% App. Total	0	0	0	0		0	0	0	0		0	0	0	0		0	0	0	0		0	
PHF	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000

Peak Hour Analysis From 12:0



Groups Printed- Cars

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	1	9	24	0	34	1	8	12	0	21	25	50	13	0	76	17	5	19	0	41	172
06:15 AM	1	10	31	0	42	2	13	7	0	22	33	64	3	0	100	24	8	29	0	61	225
06:30 AM	4	7	33	0	44	3	25	11	0	39	37	59	6	0	102	31	2	21	0	54	239
06:45 AM	1	4	53	0	58	6	31	23	0	60	45	73	3	0	121	48	8	32	0	88	327
Total	7	30	141	0	178	12	77	53	0	142	140	246	13	0	399	120	23	101	0	244	963
07:00 AM	5	21	50	0	76	0	30	17	0	47	51	72	6	0	129	46	11	34	0	91	343
07:15 AM	2	14	50	0	66	12	36	14	0	62	39	92	3	0	134	46	17	40	0	103	365
07:30 AM	3	20	61	0	84	7	29	20	0	56	81	94	9	0	184	71	14	53	0	138	462
07:45 AM	4	31	85	0	120	9	51	24	0	84	75	98	4	0	177	88	37	75	0	200	581
Total	14	86	246	0	346	28	146	75	0	249	246	356	22	0	624	251	79	202	0	532	1751
08:00 AM	5	34	85	0	124	15	39	23	0	77	91	111	10	0	212	83	30	79	0	192	605
08:15 AM	6	30	107	0	143	9	59	24	0	92	90	138	5	0	233	100	37	89	0	226	694
08:30 AM	4	41	107	0	152	12	53	31	0	96	107	114	10	0	231	122	29	115	0	266	745
08:45 AM	6	52	104	0	162	14	54	38	0	106	111	132	8	0	251	108	41	163	0	312	831
Total	21	157	403	0	581	50	205	116	0	371	399	495	33	0	927	413	137	446	0	996	2875
09:00 AM	5	52	113	0	170	19	56	26	0	101	109	108	10	0	227	109	42	134	0	285	783
09:15 AM	10	61	121	0	192	24	58	27	0	109	108	131	13	0	252	132	37	144	0	313	866
09:30 AM	9	76	152	0	237	22	62	21	0	105	150	128	9	0	287	126	36	184	0	346	975
09:45 AM	16	84	145	0	245	17	72	22	0	111	133	153	13	0	299	120	48	191	0	359	1014
Total	40	273	531	0	844	82	248	96	0	426	500	520	45	0	1065	487	163	653	0	1303	3638
10:00 AM	10	149	179	0	338	24	57	37	0	118	123	168	17	0	308	122	54	168	0	344	1108
10:15 AM	15	158	182	0	355	18	61	22	0	101	155	131	21	0	307	156	53	193	0	402	1165
10:30 AM	17	235	223	0	475	24	57	35	0	116	148	160	10	0	318	127	59	167	0	353	1262
10:45 AM	25	179	285	0	489	33	65	17	0	115	156	150	13	0	319	143	73	175	0	391	1314
Total	67	721	869	0	1657	99	240	111	0	450	582	609	61	0	1252	548	239	703	0	1490	4849
11:00 AM	14	181	345	0	540	17	54	28	0	99	167	155	26	0	348	174	55	205	0	434	1421
11:15 AM	18	154	313	0	485	29	63	19	0	111	169	144	26	0	339	171	66	201	0	438	1373
11:30 AM	19	214	370	0	603	19	47	22	0	88	150	182	21	0	353	170	86	199	0	455	1499
11:45 AM	13	192	310	0	515	24	58	25	0	107	184	235	22	0	441	224	43	214	0	481	1544
Total	64	741	1338	0	2143	89	222	94	0	405	670	716	95	0	1481	739	250	819	0	1808	5837
12:00 PM	24	186	303	0	513	26	55	21	0	102	167	192	17	0	376	179	61	212	0	452	1443
12:15 PM	28	172	296	0	496	27	49	27	0	103	154	182	26	0	362	194	78	212	0	484	1445
12:30 PM	14	165	224	0	403	17	77	24	0	118	104	199	35	0	338	175	72	161	0	408	1267
12:45 PM	21	168	261	0	450	13	88	27	0	128	149	165	29	0	343	201	80	236	0	517	1438
Total	87	691	1084	0	1862	83	269	99	0	451	574	738	107	0	1419	749	291	821	0	1861	5593
01:00 PM	29	144	192	0	365	24	56	25	0	105	146	171	34	0	351	170	71	193	0	434	1255
01:15 PM	17	152	172	0	341	17	54	18	0	89	161	182	19	0	362	178	76	230	0	484	1276
01:30 PM	21	95	153	0	269	15	54	14	0	83	157	164	19	0	340	150	81	244	0	475	1167
01:45 PM	12	114	134	0	260	15	36	10	0	61	130	122	21	0	273	136	72	254	0	462	1056
Total	79	505	651	0	1235	71	200	67	0	338	594	639	93	0	1326	634	300	921	0	1855	4754
02:00 PM	9	104	134	0	247	15	49	12	0	76	159	133	20	0	312	149	62	248	0	459	1094
02:15 PM	20	100	145	0	265	22	49	21	0	92	164	145	26	0	335	165	63	237	0	465	1157
02:30 PM	18	115	154	0	287	14	61	20	0	95	135	157	21	0	313	130	79	194	0	403	1098
02:45 PM	12	76	125	0	213	17	43	22	0	82	142	120	18	0	280	160	72	177	0	409	984
Total	59	395	558	0	1012	68	202	75	0	345	600	555	85	0	1240	604	276	856	0	1736	4333
03:00 PM	14	92	140	0	246	15	51	17	0	83	121	154	15	0	290	125	70	188	0	383	1002
03:15 PM	8	103	141	0	252	16	55	27	0	98	112	144	18	0	274	138	65	201	0	404	1028
03:30 PM	7	70	125	0	202	15	45	17	0	77	125	150	19	0	294	137	78	186	0	401	974
03:45 PM	7	57	149	0	213	16	47	22	0	85	111	148	25	0	284	110	83	158	0	351	933
Total	36	322	555	0	913	62	198	83	0	343	469	596	77	0	1142	510	296	733	0	1539	3937
04:00 PM	10	59	144	0	213	10	56	11	0	77	138	126	26	0	290	157	72	151	0	380	960
04:15 PM	15	83	100	0	198	10	43	22	0	75	145	181	24	0	350	127	70	157	0	354	977
04:30 PM	11	76	113	0	200	14	52	22	0	88	113	187	21	0	321	135	76	195	0	406	1015
04:45 PM	7	91	105	0	203	15	42	28	0	85	155	169	27	0	351	158	62	283	0	503	1142
Total	43	309	462	0	814	49	193	83	0	325	551	663	98	0	1312	577	280	786	0	1643	4094
05:00 PM	15	73	113	0	201	10	50	16	0	76	114	182	24	0	320	142	75	276	0	493	1090
05:15 PM	18	102	142	0	262	18	44	18	0	80	141	185	22	0	348	114	82	170	0	366	1056
05:30 PM	14	60	127	0	201	13	48	27	0	88	156	153	34	0	343	116	66	169	0	351	983
05:45 PM	19	67	184	0	270	10	39	20	0	69	126	152	27	0	305	123	82	153	0	358	1002
Total	66	302	566	0	934	51	181	81	0	313	537	672	107	0	1316	495	305	768	0	1568	4131
06:00 PM	22	84	142	0	248	15	52	15	0	82	126	213	23	0	362	100	64	145	0	309	1001

Groups Printed- Cars

||
||
||

File Name : 4 SAT-Route 1 and Garrisonville Rd  
Site Code :  
Start Date : 5/18/2019  
Page No : 1

Groups Printed- Buses

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
06:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:15 AM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:00 AM	0	0	0	0	0	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	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	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	0	0	0	0	0
Total	0	0	0	0	0	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	0	0	0	0	0
08:15 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2
08:30 AM	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	3	0	3	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	5
09:00 AM	0	0	0	0	0	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	0	0	0	0	0
09:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
09:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:00 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10:15 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1
10:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10:45 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	2	0	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	3
11:00 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11:15 AM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
11:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Total	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	3
12:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1
12:15 PM	0	0	0	0	0	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	1	0	0	0	1	1	1
12:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	3	3
01:00 PM	0	0	0	0	0	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	1	0	1	1	1
01:30 PM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	2	2
02:00 PM	0	0	0	0	0	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	0	0	0	0	0
02:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1
02:45 PM	0	0	0	0	0	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	1	0	0	0	0	1	1	1
03:00 PM	0	0	0	0	0	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	0	0	0	0	0
03:30 PM	0	0	0	0	0	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	1	0	0	1	0	0	0	0	0	0	1
Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1
04:00 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1
04:15 PM	0	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
04:30 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
04:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	4	0	4	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	5
05:00 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
05:15 PM	0	0	0	0	0	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	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	0	0	0	0	0
Total	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	2
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

File Name : 4 SAT-Route 1 and Garrisonville Rd  
Site Code :  
Start Date : 5/18/2019  
Page No : 2

Groups Printed- Buses

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
06:15 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
06:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Grand Total	0	3	13	0	16	0	0	0	0	0	1	5	0	0	6	3	1	3	0	7	29	29
Approch %	0	18.8	81.2	0		0	0	0	0		16.7	83.3	0	0		42.9	14.3	42.9	0			
Total %	0	10.3	44.8	0	55.2	0	0	0	0	0	3.4	17.2	0	0	20.7	10.3	3.4	10.3	0	24.1		

Start Time	Route 1 Southbound				Washington Dr Westbound				Route 1 Northbound				Garrisonville Rd Eastbound				Int. Total					
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total						
03:45 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
04:00 PM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1
04:15 PM	0	0	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
04:30 PM	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total Volume	0	0	4	4	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	6
% App. Total	0	0	100		0	0	0			50	50	0		0	0	0						
PHF	.000	.000	.333	.333	.000	.000	.000	.000	.000	.250	.250	.000	.500	.000	.000	.000	.000	.000	.000	.000	.500	.500

Peak Hour Analysis From 06:00 AM to 06:45 PM - Peak 1 of 1  
Peak Hour for Entire Intersection Begins at 03:45 PM

Groups Printed- Unit Trucks

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
06:00 AM	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
06:15 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
06:30 AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	1	0	1	3	6
06:45 AM	0	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
Total	0	0	3	0	3	0	0	0	0	0	3	1	0	0	4	1	0	1	0	2	9	9
07:00 AM	0	1	1	0	2	0	0	0	0	0	1	0	1	0	2	0	0	4	0	4	8	8
07:15 AM	0	0	1	0	1	0	0	0	0	0	0	3	0	0	3	0	0	1	0	1	5	5
07:30 AM	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	1	0	2	0	3	5	5
07:45 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	3	3
Total	0	1	3	0	4	0	0	1	0	1	1	5	1	0	7	1	1	7	0	9	21	21
08:00 AM	0	0	0	0	0	1	0	0	0	1	2	2	0	0	4	0	0	0	0	0	5	5
08:15 AM	0	0	0	0	0	0	0	1	0	1	0	2	0	0	2	0	0	1	0	1	4	4
08:30 AM	0	1	1	0	2	1	1	0	0	2	2	1	1	0	4	1	0	2	0	3	11	11
08:45 AM	0	0	1	0	1	0	0	0	0	0	2	2	1	0	5	1	0	2	0	3	9	9
Total	0	1	2	0	3	2	1	1	0	4	6	7	2	0	15	2	0	5	0	7	29	29
09:00 AM	0	3	0	0	3	0	0	2	0	2	3	1	0	0	4	0	1	1	0	2	11	11
09:15 AM	0	2	0	0	2	1	2	0	0	3	3	1	0	0	4	2	0	2	0	4	13	13
09:30 AM	0	0	0	0	0	0	1	0	0	1	1	1	0	0	2	0	0	0	0	0	3	3
09:45 AM	0	2	1	0	3	0	0	0	0	0	1	0	0	0	1	0	0	3	0	3	7	7
Total	0	7	1	0	8	1	3	2	0	6	8	3	0	0	11	2	1	6	0	9	34	34
10:00 AM	0	0	0	0	0	0	0	1	0	1	3	3	1	0	7	1	1	2	0	4	12	12
10:15 AM	0	1	1	0	2	0	1	0	0	1	0	0	0	0	0	2	0	1	0	3	6	6
10:30 AM	0	1	2	0	3	0	0	0	0	0	1	4	0	0	5	0	2	0	0	2	10	10
10:45 AM	0	0	2	0	2	1	0	0	0	1	2	3	0	0	5	0	0	2	0	2	10	10
Total	0	2	5	0	7	1	1	1	0	3	6	10	1	0	17	3	3	5	0	11	38	38
11:00 AM	1	1	3	0	5	0	0	0	0	0	0	1	0	0	1	2	1	1	0	4	10	10
11:15 AM	1	0	4	0	5	0	1	0	0	1	1	0	0	0	1	0	1	1	0	2	9	9
11:30 AM	0	3	2	0	5	0	0	0	0	0	0	0	1	0	1	1	0	4	0	5	11	11
11:45 AM	0	5	0	0	5	0	0	0	0	0	0	0	0	0	0	1	0	4	0	5	10	10
Total	2	9	9	0	20	0	1	0	0	1	1	1	1	0	3	4	2	10	0	16	40	40
12:00 PM	0	3	0	0	3	1	0	0	0	1	1	0	0	0	1	0	0	1	0	1	6	6
12:15 PM	0	0	1	0	1	0	1	0	0	1	4	4	2	0	10	0	0	2	0	2	14	14
12:30 PM	0	1	1	0	2	0	1	0	0	1	1	3	1	0	5	2	0	3	0	5	13	13
12:45 PM	0	1	0	0	1	0	1	1	0	2	1	1	0	0	2	1	0	3	0	4	9	9
Total	0	5	2	0	7	1	3	1	0	5	7	8	3	0	18	3	0	9	0	12	42	42
01:00 PM	0	1	0	0	1	0	0	1	0	1	1	0	0	0	1	2	2	1	0	5	8	8
01:15 PM	0	3	1	0	4	0	1	0	0	1	1	0	0	0	1	1	2	3	0	6	12	12
01:30 PM	0	0	0	0	0	0	1	0	0	1	2	1	0	0	3	1	1	2	0	4	8	8
01:45 PM	1	1	1	0	3	0	0	0	0	0	1	1	0	0	2	1	1	0	0	2	7	7
Total	1	5	2	0	8	0	2	1	0	3	5	2	0	0	7	5	6	6	0	17	35	35
02:00 PM	0	2	2	0	4	0	0	1	0	1	0	1	0	0	1	0	1	1	0	2	8	8
02:15 PM	0	0	0	0	0	1	0	1	0	2	0	1	0	0	1	0	0	3	0	3	6	6
02:30 PM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	1	0	2	0	3	5	5
02:45 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	1	3	3
Total	0	3	2	0	5	1	0	2	0	3	1	4	0	0	5	1	1	7	0	9	22	22
03:00 PM	0	2	0	0	2	0	0	0	0	0	1	1	0	0	2	0	0	1	0	1	5	5
03:15 PM	0	1	0	0	1	0	0	0	0	0	1	1	0	0	2	0	0	1	0	1	4	4
03:30 PM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1
03:45 PM	0	0	1	0	1	0	0	0	0	0	0	1	1	0	2	1	0	0	0	1	4	4
Total	0	3	1	0	4	0	0	1	0	1	2	3	1	0	6	1	0	2	0	3	14	14
04:00 PM	0	0	0	0	0	0	1	0	0	1	1	0	1	0	2	0	0	3	0	3	6	6
04:15 PM	0	1	3	0	4	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	6	6
04:30 PM	0	0	1	0	1	0	1	0	0	1	1	2	0	0	3	0	0	1	0	1	6	6
04:45 PM	0	0	2	0	2	0	0	0	0	0	1	0	1	0	2	0	1	2	0	3	7	7
Total	0	1	6	0	7	0	2	0	0	2	4	3	2	0	9	0	1	6	0	7	25	25
05:00 PM	0	1	1	0	2	0	0	0	0	0	1	0	0	0	1	0	0	4	0	4	7	7
05:15 PM	0	1	0	0	1	0	0	0	0	0	2	0	0	0	2	0	0	2	0	2	5	5
05:30 PM	0	0	1	0	1	0	0	0	0	0	1	2	0	0	3	0	1	0	0	1	5	5
05:45 PM	0	0	1	0	1	1	0	0	0	1	0	3	1	0	4	2	1	0	0	3	9	9
Total	0	2	3	0	5	1	0	0	0	1	4	5	1	0	10	2	2	6	0	10	26	26
06:00 PM	0	0	0	0	0	1	0	0	0	1	1	2	0	0	3	0	0	2	0	2	6	6

Groups Printed- Unit Trucks

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
06:15 PM	0	0	1	0	1	1	0	0	0	1	0	2	0	0	2	0	0	4	0	4	8	8
06:30 PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	2	2
06:45 PM	0	1	0	0	1	1	0	0	0	1	0	1	0	0	1	2	0	1	0	3	6	6
Total	0	1	1	0	2	3	0	0	0	3	1	6	0	0	7	2	0	8	0	10	22	22
Grand Total	3	40	40	0	83	10	13	10	0	33	49	58	12	0	119	27	17	78	0	122	357	357
Apprch %	3.6	48.2	48.2	0		30.3	39.4	30.3	0		41.2	48.7	10.1	0		22.1	13.9	63.9	0			
Total %	0.8	11.2	11.2	0	23.2	2.8	3.6	2.8	0	9.2	13.7	16.2	3.4	0	33.3	7.6	4.8	21.8	0	34.2		

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total	
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total		
08:30 AM	0	1	1	0	2	1	1	0	0	2	2	1	1	0	4	1	0	2	0	3	11	11
08:45 AM	0	0	1	1	2	0	0	0	0	0	2	2	1	1	5	1	0	2	0	3	9	9
09:00 AM	0	3	0	0	3	0	0	2	0	2	3	1	0	0	4	0	1	1	0	2	11	11
09:15 AM	0	2	0	0	2	1	2	0	0	3	3	1	0	0	4	2	0	2	0	4	13	13
09:30 AM	0	0	0	0	0	0	1	0	0	1	1	1	0	0	2	0	0	0	0	0	3	3
09:45 AM	0	2	1	0	3	0																

File Name : 4 SAT-Route 1 and Garrisonville Rd  
Site Code :  
Start Date : 5/18/2019  
Page No : 1

Groups Printed- Articulated Trucks

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total		
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total			
06:00 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	
06:15 AM	0	0	0	0	0	0	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	1	0	0	0	1	0	0	0	0	0	0	1
06:45 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1
Total	0	0	1	0	1	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	4
07:00 AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1
07:15 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:30 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	2	0	2	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	3
08:00 AM	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	3
08:15 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	3
08:30 AM	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	0	0	0	0	2
08:45 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	0	2	0	2	0	0	0	0	0	1	1	1	0	3	0	0	3	0	0	3	0	8
09:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
09:15 AM	0	0	0	0	0	0	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	1	1	0	0	2	0	0	1	0	0	1	0	3
09:45 AM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	3
Total	0	1	1	0	2	0	0	0	0	0	1	1	0	0	2	0	0	3	0	0	3	0	7
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
10:15 AM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
10:30 AM	0	0	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3
10:45 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
Total	0	1	4	0	5	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	8
11:00 AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	1
11:15 AM	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
11:30 AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
11:45 AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	2	3	0	5	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	1	0	7
12:00 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
12:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
12:30 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1
12:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	5
01:00 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2
01:15 PM	0	0	0	0	0	0	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	1	0	0	1	0	0	2	0	0	2	0	3
01:45 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	0	2	0	2	0	0	0	0	0	0	1	0	0	1	0	0	3	0	0	3	0	6
02:00 PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	0	1	0	3
02:15 PM	0	0	0	0	0	0	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	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	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	1	0	0	1	0	3
03:00 PM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
03:30 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
03:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
04:00 PM	0	0	0	0	0	0	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	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	1	0	0	1	0	1
04:45 PM	0	0	0	0	0	0	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	1	0	0	1	0	1
05:00 PM	0	0	0	0	0	0	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	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	1	0	0	1	0	1
05:45 PM	0	0	0	0	0	0	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	1	0	0	1	0	1
06:00 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

File Name : 4 SAT-Route 1 and Garrisonville Rd  
Site Code :  
Start Date : 5/18/2019  
Page No : 2

Groups Printed- Articulated Trucks

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total		
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total			
06:15 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
06:30 PM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1
06:45 PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	0	1	0	0	1	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	3
Grand Total	0	7	17	0	24	0	0	0	0	0	5	9	1	0	15	0	0	19	0	0	19	0	58
Apprch %	0	29.2	70.8	0		0	0	0	0	0	33.3	60	6.7	0		0	0	100	0	0	0		
Total %	0	12.1	29.3	0	41.4	0	0	0	0	0	8.6	15.5	1.7	0	25.9	0	0	32.8	0	0	32.8		

Start Time	Route 1 Southbound				Washington Dr Westbound				Route 1 Northbound				Garrisonville Rd Eastbound				Int. Total					
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total						
09:30 AM	0	0	0	0	0	0	0	0	0	1	1	0	2	0	0	1	1	0	0	1	1	3
09:45 AM	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	3
10:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
10:15 AM	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Total Volume	0	2	2	4	0	0	0	0	0	1	1	0	2	0	0	3	3	0	0	0	3	9
% App. Total	0	50	50		0	0	0		0	50</												



Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:00 AM	1	9	27	0	37	1	8	12	0	21	26	51	13	0	78	17	5	19	0	41	177
06:15 AM	1	10	32	0	43	2	13	7	0	22	33	64	3	0	100	25	8	29	0	62	227
06:30 AM	4	7	33	0	44	3	25	11	0	39	38	61	6	0	105	31	2	22	0	55	243
06:45 AM	1	4	54	0	59	6	31	23	0	60	47	73	3	0	123	48	8	32	0	88	330
Total	7	30	146	0	183	12	77	53	0	142	144	249	13	0	406	121	23	102	0	246	977
07:00 AM	5	22	51	0	78	0	30	17	0	47	53	72	7	0	132	46	11	38	0	95	352
07:15 AM	2	14	52	0	68	12	36	14	0	62	39	95	3	0	137	46	17	41	0	104	371
07:30 AM	3	20	62	0	85	7	29	21	0	57	81	95	9	0	185	72	14	55	0	141	468
07:45 AM	4	31	86	0	121	9	51	24	0	84	75	99	4	0	178	88	38	75	0	201	584
Total	14	87	251	0	352	28	146	76	0	250	248	361	23	0	632	252	80	209	0	541	1775
08:00 AM	5	34	86	0	125	16	39	23	0	78	93	114	10	0	217	83	30	80	0	193	613
08:15 AM	6	30	109	0	145	9	59	25	0	93	90	141	5	0	236	100	37	92	0	229	703
08:30 AM	4	42	110	0	156	13	54	31	0	98	110	115	12	0	237	123	29	117	0	269	760
08:45 AM	6	52	105	0	163	14	54	38	0	106	113	135	9	0	257	109	41	165	0	315	841
Total	21	158	410	0	589	52	206	117	0	375	406	505	36	0	947	415	137	454	0	1006	2917
09:00 AM	5	55	113	0	173	19	56	28	0	103	112	109	10	0	231	109	43	136	0	288	795
09:15 AM	10	63	121	0	194	25	60	27	0	112	111	132	13	0	256	134	37	146	0	317	879
09:30 AM	9	76	153	0	238	22	63	21	0	106	152	130	9	0	291	126	36	185	0	347	982
09:45 AM	16	87	147	0	250	17	72	22	0	111	134	153	13	0	300	120	48	195	0	363	1024
Total	40	281	534	0	855	83	251	98	0	432	509	524	45	0	1078	489	164	662	0	1315	3680
10:00 AM	10	149	180	0	339	24	57	38	0	119	126	171	18	0	315	123	55	171	0	349	1122
10:15 AM	15	160	184	0	359	18	62	22	0	102	155	131	21	0	307	159	53	194	0	406	1174
10:30 AM	17	236	227	0	480	24	57	35	0	116	149	164	10	0	323	127	61	168	0	356	1275
10:45 AM	25	179	289	0	493	34	65	17	0	116	158	153	13	0	324	143	73	178	0	394	1327
Total	67	724	880	0	1671	100	241	112	0	453	588	619	62	0	1269	552	242	711	0	1505	4898
11:00 AM	15	183	348	0	546	17	54	28	0	99	167	157	26	0	350	176	56	206	0	438	1433
11:15 AM	19	155	319	0	493	29	64	19	0	112	170	144	26	0	340	171	67	202	0	440	1385
11:30 AM	19	218	372	0	609	19	47	22	0	88	150	183	22	0	355	171	86	204	0	461	1513
11:45 AM	13	197	311	0	521	24	58	25	0	107	184	235	22	0	441	225	43	219	0	487	1556
Total	66	753	1350	0	2169	89	223	94	0	406	671	719	96	0	1486	743	252	831	0	1826	5887
12:00 PM	24	189	304	0	517	27	55	21	0	103	168	192	17	0	377	179	62	214	0	455	1452
12:15 PM	28	172	297	0	497	27	50	27	0	104	158	186	28	0	372	194	78	215	0	487	1460
12:30 PM	14	166	225	0	405	17	78	24	0	119	105	202	36	0	343	178	72	165	0	415	1282
12:45 PM	21	171	261	0	453	13	89	28	0	130	150	166	29	0	345	202	80	239	0	521	1449
Total	87	698	1087	0	1872	84	272	100	0	456	581	746	110	0	1437	753	292	833	0	1878	5643
01:00 PM	29	145	193	0	367	24	56	26	0	106	147	171	34	0	352	172	73	195	0	440	1265
01:15 PM	17	155	173	0	345	17	55	18	0	90	162	182	19	0	363	179	78	234	0	491	1289
01:30 PM	21	95	153	0	269	15	55	14	0	84	159	166	19	0	344	151	82	248	0	481	1178
01:45 PM	13	115	136	0	264	15	36	10	0	61	131	124	21	0	276	137	73	254	0	464	1065
Total	80	510	655	0	1245	71	202	68	0	341	599	643	93	0	1335	639	306	931	0	1876	4797
02:00 PM	9	106	136	0	251	15	49	13	0	77	159	136	20	0	315	149	63	250	0	462	1105
02:15 PM	20	100	145	0	265	23	49	22	0	94	164	146	26	0	336	165	63	240	0	468	1163
02:30 PM	18	116	154	0	288	14	61	20	0	95	136	157	21	0	314	132	79	196	0	407	1104
02:45 PM	12	76	125	0	213	17	43	22	0	82	142	122	18	0	282	160	72	178	0	410	987
Total	59	398	560	0	1017	69	202	77	0	348	601	561	85	0	1247	606	277	864	0	1747	4359
03:00 PM	14	94	141	0	249	15	51	17	0	83	122	155	15	0	292	125	70	189	0	384	1008
03:15 PM	8	104	141	0	253	16	55	27	0	98	113	145	18	0	276	138	65	202	0	405	1032
03:30 PM	7	71	125	0	203	15	45	18	0	78	125	150	19	0	294	137	78	186	0	401	976
03:45 PM	7	57	150	0	214	16	47	22	0	85	111	150	26	0	287	111	83	158	0	352	938
Total	36	326	557	0	919	62	198	84	0	344	471	600	78	0	1149	511	296	735	0	1542	3954
04:00 PM	10	59	144	0	213	10	57	11	0	78	140	126	27	0	293	157	72	154	0	383	967
04:15 PM	15	84	106	0	205	10	43	22	0	75	146	182	24	0	352	127	70	157	0	354	986
04:30 PM	11	76	115	0	202	14	53	22	0	89	114	189	21	0	324	135	76	197	0	408	1023
04:45 PM	7	91	107	0	205	15	42	28	0	85	156	169	28	0	353	158	63	285	0	506	1149
Total	43	310	472	0	825	49	195	83	0	327	556	666	100	0	1322	577	281	793	0	1651	4125
05:00 PM	15	74	115	0	204	10	50	16	0	76	115	182	24	0	321	142	75	281	0	498	1099
05:15 PM	18	103	142	0	263	18	44	18	0	80	143	185	22	0	350	114	82	172	0	368	1061
05:30 PM	14	60	128	0	202	13	48	27	0	88	157	155	34	0	346	116	67	170	0	353	989
05:45 PM	19	67	185	0	271	11	39	20	0	70	126	155	28	0	309	125	83	153	0	361	1011
Total	66	304	570	0	940	52	181	81	0	314	541	677	108	0	1326	497	307	776	0	1580	4160
06:00 PM	22	84	142	0	248	16	52	15	0	83	127	215	23	0	365	100	64	147	0	311	1007

Groups Printed- Cars - Buses - Unit Trucks - Articulated Trucks

Start Time	Route 1 Southbound					Washington Dr Westbound					Route 1 Northbound					Garrisonville Rd Eastbound					Int. Total
	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	Peds	App. Total	
06:15 PM	9	45	132	0	186	10	48	19	0	77	130	161	12	0	303	141	82	162	0	385	951
06:30 PM	20	70	140	0	230	7	56	22	0	85	131	159	20	0	310	95	80	158	0	333	958
06:45 PM	10	69	135	0	214	17	52	18	0	87	128	149	24	0	301	120	78	162	0	360	962
Total	61	268	549	0	878	50	208	74	0	332	516	684	79	0	1279	456	304	629	0	1389	3878
Grand Total	647	4847	8021	0	13515	801	2602	1117	0	4520	6431	7554	928	0	14913	6611	2961	8530	0	18102	51050
Apprch %	4.8	35.9	59.3	0		17.7	57.6	24.7	0		43.1	50.7	6.2	0		36.5	1				



## APPENDIX A-2: 24-HOUR VEHICLE CLASSIFICATION COUNTS

Station #: H1  
Site ID: 000000023872  
Loc: NB I-95 Off Ramp  
Direction: NORTH

File: D0515001.prn  
Info: 19-188 TO/KL Max  
GPS: 38.45892, -77.40839

TIME	MON		TUE		WED 15		THU 16		FRI		SAT		SUN		WK TOT		WK AVG	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
00:15					6	79	6	56							12	135	6	68
00:30					6	72	13	57							19	129	10	64
00:45					7	48	9	56							16	104	8	52
01:00					6	57	7	61							13	118	6	59
01:15					4	49	4	60							8	109	4	54
01:30					5	60	9	70							14	130	7	65
01:45					5	49	11	41							16	90	8	45
02:00					4	66	10	50							14	116	7	58
02:15					2	67	2	70							4	137	2	68
02:30					3	58	4	78							7	136	4	68
02:45					10	67	5	130							15	197	8	98
03:00					6	56	5	77							11	133	6	66
03:15					2	67	8	73							10	140	5	70
03:30					3	71	4	65							7	136	4	68
03:45					8	63	4	71							12	134	6	67
04:00					10	89	7	70							17	159	8	80
04:15					6	79	14	70							20	149	10	74
04:30					12	68	7	84							19	152	10	76
04:45					21	55	17	62							38	117	19	58
05:00					19	94	17	85							36	179	18	90
05:15					27	87	24	76							51	163	26	82
05:30					22	104	40	72							62	176	31	88
05:45					57	81	50	86							107	167	54	84
06:00					89	70	87	77							176	147	88	74
06:15					77	63	69	92							146	155	73	78
06:30					77	64	91	76							168	140	84	70
06:45					87	55	74	86							161	141	80	70
07:00					107	51	114	51							221	102	110	51
07:15					110	58	85	68							195	126	98	63
07:30					109	56	115	43							224	99	112	50
07:45					106	51	130	51							236	102	118	51
08:00					145	51	126	61							271	112	136	56
08:15					130	44	88	52							218	96	109	48
08:30					79	58	72	57							151	115	76	58
08:45					105	45	67	66							172	111	86	56
09:00					201	54	78	60							279	114	140	57
09:15					192	41	58	43							250	84	125	42
09:30					166	39	55	53							221	92	110	46
09:45					101	52	65	44							166	96	83	48
10:00					114	28	69	39							183	67	92	34
10:15					73	29	70	21							143	50	72	25
10:30					83	28	68	29							151	57	76	28
10:45					75	27	53	21							128	48	64	24
11:00					79	19	63	23							142	42	71	21
11:15					62	13	66	22							128	35	64	18
11:30					58	21	65	18							123	39	62	20
11:45					50	16	42	22							92	38	46	19
12:00					65	12	68	14							133	26	66	13

TOTALS			5422	5024			10446	5230										
AM Times			08:45	07:30			07:30	07:30										
AM Peaks			664	459			949	474										
AM PHF			0.83	0.88			0.88	0.88										
PM Times			17:00	14:30			17:00	17:00										
PM Peaks			366	358			685	341										
PM PHF			0.88	0.69			0.96	0.96										

Station #: H2  
Site ID: 000000023791  
Loc: NB I-95 On Ramp  
Direction: NORTH

File: D0515004.prn  
Info: 19-188 TO/KL Min  
GPS: 38.46647, -77.40458

TIME	MON		TUE		WED 15		THU 16		FRI		SAT		SUN		WK TOT		WK AVG	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
00:15					5	65	5	81							10	146	5	73
00:30					3	78	7	55							10	133	5	66
00:45					9	73	12	59							21	132	10	66
01:00					4	64	4	64							8	128	4	64
01:15					6	53	6	74							12	127	6	64
01:30					4	70	0	60							4	130	2	65
01:45					7	67	4	68							11	135	6	68
02:00					1	55	3	50							4	105	2	52
02:15					4	59	7	57							11	116	6	58
02:30					11	62	9	47							20	109	10	54
02:45					5	43	6	37							11	80	6	40
03:00					12	50	16	34							28	84	14	42
03:15					18	73	19	65							37	138	18	69
03:30					22	75	23	49							45	124	22	62
03:45					26	76	35	58							61	134	30	67
04:00					30	63	29	54							59	117	30	58
04:15					59	55	59	69							118	124	59	62
04:30					79	84	78	74							157	158	78	79
04:45					89	75	100	59							189	134	94	67
05:00					153	60	146	64							299	124	150	62
05:15					202	102	206	50							408	152	204	76
05:30					208	85	179	62							387	147	194	74
05:45					192	81	194	90							386	171	193	86
06:00					232	80	224	64							456	144	228	72
06:15					278	80	257	81							535	161	268	80
06:30					275	72	278	79							553	151	276	76
06:45					302	51	281	47							583	98	292	49
07:00					265	42	272	57							537	99	268	50
07:15					235	58	252	54							487	112	244	56
07:30					232	56	218	51							450	107	225	54
07:45					229	46	212	37							441	83	220	42
08:00					188	41	185	53							373	94	186	47
08:15					164	46	130	37							294	83	147	42
08:30					168	44	153	49							321	93	160	46
08:45					123	31	153	52							276	83	138	42
09:00					87	47	119	47							206	94	103	47
09:15					60	40	153	45							213	85	106	42
09:30					56	27	111	38							167	65	84	32
09:45					84	33	100	34							184	67	92	34
10:00					69	26	88	30							157	56	78	28
10:15					68	20	95	26							163	46	82	23
10:30					71	33	95	22							166	55	83	28
10:45					75	22	85	25							160	47	80	24
11:00					65	21	86	13				</						

Station #: H3-NB  
Site ID: 000000023810  
Loc: Rt 1, I-95 Off Ramp-Rt 610  
Direction: NORTH

File: D0515006.prn  
Info: 19-188 TO/KL Min  
GPS: 38.46333, -77.40597

TIME	MON		TUE		WED 15		THU 16		FRI		SAT		SUN		WK TOT		WK AVG	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
00:15					33	265	35	247							68	512	34	256
00:30					18	290	29	280							47	570	24	285
00:45					19	266	28	254							47	520	24	260
01:00					12	264	22	241							34	505	17	252
01:15					22	235	20	252							42	487	21	244
01:30					14	295	20	261							34	556	17	278
01:45					14	226	20	225							34	451	17	226
02:00					9	204	14	200							23	404	12	202
02:15					11	250	13	219							24	469	12	234
02:30					13	261	23	287							36	548	18	274
02:45					15	284	13	333							28	617	14	308
03:00					20	259	24	275							44	534	22	267
03:15					20	282	28	263							48	545	24	272
03:30					30	267	17	285							47	552	24	276
03:45					26	259	42	274							68	533	34	266
04:00					35	271	38	288							73	559	36	280
04:15					54	278	53	260							107	538	54	269
04:30					80	275	75	296							155	571	78	286
04:45					89	288	98	300							187	588	94	294
05:00					142	287	125	288							267	575	134	288
05:15					161	304	183	285							344	589	172	294
05:30					215	288	195	248							410	536	205	268
05:45					267	285	238	262							505	547	252	274
06:00					302	263	317	280							619	543	310	272
06:15					361	250	356	255							717	505	358	252
06:30					430	245	386	268							816	513	408	256
06:45					440	248	468	271							908	519	454	260
07:00					456	220	453	248							909	468	454	234
07:15					444	236	456	222							900	458	450	229
07:30					483	241	445	232							928	473	464	236
07:45					464	228	467	228							931	456	466	228
08:00					434	193	416	233							850	426	425	213
08:15					440	191	343	202							783	393	392	196
08:30					386	204	315	193							701	397	350	198
08:45					374	190	322	208							696	398	348	199
09:00					423	190	289	174							712	364	356	182
09:15					426	174	287	158							713	332	356	166
09:30					401	143	247	145							648	288	324	144
09:45					356	151	264	142							620	293	310	146
10:00					316	102	254	121							570	223	285	112
10:15					261	111	254	104							515	215	258	108
10:30					268	100	246	95							514	195	257	98
10:45					238	89	251	70							489	159	244	80
11:00					265	68	268	74							533	142	266	71
11:15					240	65	218	69							458	134	229	67
11:30					243	43	241	42							484	85	242	42
11:45					245	33	214	43							459	76	230	38
12:00					271	38	257	41							528	79	264	40

TOTALS	20485		19628		40113		20059	
AM Times	07:00		06:45		07:00		07:00	
AM Peaks	1847		1822		3668		1833	
AM PHF	0.96		0.97		0.98		0.99	
PM Times	16:45		16:30		16:30		16:30	
PM Peaks	1167		1169		2323		1160	
PM PHF	0.96		0.97		0.99		0.99	

Station #: H3-SB  
Site ID: 000000023877  
Loc: Rt 1, I-95 Off Ramp-Rt 610  
Direction: SOUTH

File: D0515005.prn  
Info: 19-188 TO/KL Min  
GPS: 38.46333, -77.40597

TIME	MON		TUE		WED 15		THU 16		FRI		SAT		SUN		WK TOT		WK AVG	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
00:15					28	219	46	189							74	408	37	204
00:30					28	205	32	209							60	414	30	207
00:45					20	207	19	246							39	453	20	226
01:00					16	213	19	219							35	432	18	216
01:15					17	206	15	228							32	434	16	217
01:30					13	222	21	229							34	451	17	226
01:45					13	261	18	256							31	517	16	258
02:00					9	249	7	313							16	562	8	281
02:15					6	255	12	293							18	548	9	274
02:30					10	256	9	304							19	560	10	280
02:45					17	264	7	389							24	653	12	326
03:00					12	308	14	382							26	690	13	345
03:15					4	320	11	352							15	672	8	336
03:30					7	363	11	387							18	750	9	375
03:45					9	423	8	465							17	888	8	444
04:00					9	416	8	504							17	920	8	460
04:15					4	492	7	521							11	1013	6	506
04:30					14	535	14	527							28	1062	14	531
04:45					11	497	12	519							23	1016	12	508
05:00					24	504	21	500							45	1004	22	502
05:15					28	497	28	490							56	987	28	494
05:30					36	480	29	486							65	966	32	483
05:45					42	454	38	483							80	937	40	468
06:00					47	441	55	460							102	901	51	450
06:15					44	425	49	506							93	931	46	466
06:30					54	386	61	454							115	840	58	420
06:45					93	295	92	378							185	673	92	336
07:00					142	298	150	315							292	613	146	306
07:15					181	294	173	252							354	546	177	273
07:30					150	281	129	228							279	509	140	254
07:45					138	247	126	228							264	475	132	238
08:00					141	251	141	206							282	457	141	228
08:15					159	192	140	262							299	454	150	227
08:30					171	211	147	209							318	420	159	210
08:45					143	187	162	194							305	381	152	190
09:00					179	172	179	169							358	341	179	170
09:15					158	163	157	162							315	325	158	162
09:30					167	137	175	159							342	296	171	148
09:45					153	151	156	155							309	306	154	153
10:00					148	135	166	158							314	293	157	146
10:15					144	126	116	135							260	261	130	130
10:30					156	87	156	102							312	189	156	94
10:45					186	92	170	80							356	172	178	86

Station #: H4-NB  
Site ID: 000000023799  
Loc: Rt 1, Port Aquia-Coachman Cir S  
Direction: NORTH

File: D0515002.prn  
Info: 19-188 TO/KL Min  
GPS: 38.46920, -77.40070

TIME	MON		TUE		WED 15		THU 16		FRI		SAT		SUN		WK TOT		WK AVG	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
00:15					21	163	23	111							44	274	22	137
00:30					14	176	19	179							33	355	16	178
00:45					13	175	15	163							28	338	14	169
01:00					7	168	7	160							14	328	7	164
01:15					11	176	9	182							20	358	10	179
01:30					9	159	17	166							26	325	13	162
01:45					4	155	6	125							10	280	5	140
02:00					5	147	3	125							8	272	4	136
02:15					6	160	4	151							10	311	5	156
02:30					5	152	8	182							13	334	6	167
02:45					7	195	6	294							13	489	6	244
03:00					7	185	7	214							14	399	7	200
03:15					7	185	11	206							18	391	9	196
03:30					4	176	5	175							9	351	4	176
03:45					9	167	11	171							20	338	10	169
04:00					16	189	10	177							26	366	13	183
04:15					11	186	12	202							23	388	12	194
04:30					24	184	28	208							52	392	26	196
04:45					35	191	31	199							66	390	33	195
05:00					57	206	40	199							97	405	48	202
05:15					68	209	74	205							142	414	71	207
05:30					109	200	102	181							211	381	106	190
05:45					197	190	136	200							333	390	166	195
06:00					246	200	227	202							473	402	236	201
06:15					269	157	253	192							522	349	261	174
06:30					339	155	318	162							657	317	328	158
06:45					340	183	366	164							706	347	353	174
07:00					411	156	398	175							809	331	404	166
07:15					430	157	427	168							857	325	428	162
07:30					467	159	444	152							911	311	456	156
07:45					444	138	421	151							865	289	432	144
08:00					430	144	422	120							852	264	426	132
08:15					400	141	290	160							690	301	345	150
08:30					315	152	204	125							519	277	260	138
08:45					332	156	217	144							549	300	274	150
09:00					426	136	204	127							630	263	315	132
09:15					500	118	157	102							657	220	328	110
09:30					451	118	184	102							635	220	318	110
09:45					370	80	156	87							526	167	263	84
10:00					279	83	143	88							422	171	211	86
10:15					212	69	155	81							367	150	184	75
10:30					202	70	154	70							356	140	178	70
10:45					182	49	117	47							299	96	150	48
11:00					169	34	133	38							302	72	151	36
11:15					144	31	124	43							268	74	134	37
11:30					185	33	147	27							332	60	166	30
11:45					171	21	142	33							313	54	156	27
12:00					164	28	129	28							293	56	146	28

TOTALS					15386		13479								28865		14429		
AM Times					07:15		07:15								07:15		07:15		
AM Peaks					1771		1714								3485		1741		
AM PHF					0.95		0.97								0.96		0.96		
PM Times					16:45		14:30								14:45		14:45		
PM Peaks					806		896								1630		813		
PM PHF					0.96		0.76								0.83		0.83		

Station #: H4-SB  
Site ID: 000000023802  
Loc: Rt 1, Port Aquia-Coachman Cir S  
Direction: SOUTH

File: D0515003.prn  
Info: 19-188 TO/KL Min  
GPS: 38.46920, -77.40070

TIME	MON		TUE		WED 15		THU 16		FRI		SAT		SUN		WK TOT		WK AVG	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
00:15							9	196	16	200					25	396	12	198
00:30							8	200	14	212					22	412	11	206
00:45							11	192	12	206					23	398	12	199
01:00							5	198	10	246					15	444	8	222
01:15							9	164	11	187					20	351	10	176
01:30							8	192	11	194					19	386	10	193
01:45							4	188	9	208					13	396	6	198
02:00							5	212	6	221					11	433	6	216
02:15							5	203	6	264					11	467	6	234
02:30							6	220	12	272					18	492	9	246
02:45							3	227	2	404					5	631	2	316
03:00							7	288	7	524					14	812	7	406
03:15							5	311	8	504					13	815	6	408
03:30							7	363	8	510					15	873	8	436
03:45							11	388	10	548					21	936	10	468
04:00							5	378	17	510					22	888	11	444
04:15							15	548	16	531					31	1079	16	540
04:30							16	502	21	521					37	1023	18	512
04:45							27	504	26	556					53	1060	26	530
05:00							34	559	30	527					64	1086	32	543
05:15							35	514	33	518					68	1032	34	516
05:30							70	468	60	476					130	944	65	472
05:45							70	429	70	511					140	940	70	470
06:00							88	346	72	486					160	832	80	416
06:15							100	354	78	413					178	767	89	384
06:30							115	265	101	405					216	670	108	335
06:45							106	249	128	276					234	525	117	262
07:00							129	223	137	269					266	492	133	246
07:15							164	204	168	210					332	414	166	207
07:30							160	191	146	171					306	362	153	181
07:45							165	168	164	171					329	339	164	170
08:00							127	155	147	184					274	339	137	170
08:15							202	154	198	175					400	329	200	164
08:30							196	137	190	144					386	281	193	140
08:45							190	127	199	161					389	288	194	144
09:00							154	113	154	116					308	229	154	114
09:15							133	104	136	121					269	225	134	112
09:30							107	90	139	155					246	245	123	122
09:45							161	77	115	198					276	275	138	138
10:00							143	67	141	184					284	251	142	126
10:15							141	73	136	156					277	229	138	114
10:30							154	72	137									

Station #: H5-NB  
Site ID: 000000023804  
Loc: Rt 1, Forreton Woods-Coal Landing  
Direction: NORTH

File: D0515008.prn  
Info: 19-188 TO/KL Min  
GPS: 38.44821, -77.40194

TIME	MON		TUE		WED 15		THU 16		FRI		SAT		SUN		WK TOT		WK AVG	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
00:15					21	166	13	153							34	319	17	160
00:30					10	177	12	195							22	372	11	186
00:45					9	173	12	165							21	338	10	169
01:00					4	151	10	146							14	297	7	148
01:15					5	183	8	164							13	347	6	174
01:30					4	165	9	129							13	294	6	147
01:45					7	147	6	159							13	306	6	153
02:00					4	122	6	126							10	248	5	124
02:15					7	117	5	149							12	266	6	133
02:30					6	189	15	197							21	386	10	193
02:45					8	227	5	185							13	412	6	206
03:00					8	154	11	156							19	310	10	155
03:15					12	186	15	167							27	353	14	176
03:30					13	188	23	209							36	397	18	198
03:45					21	151	26	155							47	306	24	153
04:00					15	152	26	165							41	317	20	158
04:15					36	183	41	168							77	351	38	176
04:30					63	165	53	167							116	332	58	166
04:45					59	182	61	204							120	386	60	193
05:00					84	189	99	171							183	360	92	180
05:15					112	172	121	170							233	342	116	171
05:30					155	151	126	174							281	325	140	162
05:45					184	144	180	156							364	300	182	150
06:00					185	188	214	168							399	356	200	178
06:15					225	155	210	154							435	309	218	154
06:30					275	146	290	144							565	290	282	145
06:45					327	144	296	150							623	294	312	147
07:00					400	160	339	167							739	327	370	164
07:15					312	156	295	126							607	282	304	141
07:30					327	138	309	144							636	282	318	141
07:45					268	128	281	160							549	288	274	144
08:00					289	92	280	142							569	234	284	117
08:15					207	109	228	113							435	222	218	111
08:30					209	107	192	126							401	233	200	116
08:45					253	112	228	110							481	222	240	111
09:00					219	98	222	85							441	183	220	92
09:15					215	95	194	81							409	176	204	88
09:30					229	86	195	73							424	159	212	80
09:45					204	72	190	72							394	144	197	72
10:00					186	63	155	62							341	125	170	62
10:15					155	61	187	53							342	114	171	57
10:30					169	48	160	33							329	81	164	40
10:45					133	48	148	43							281	91	140	46
11:00					169	25	177	28							346	53	173	26
11:15					156	32	152	38							308	70	154	35
11:30					143	20	135	15							278	35	139	18
11:45					180	19	145	17							325	36	162	18
12:00					164	22	150	13							314	35	157	18

TOTALS	12604		12402		25006		12497	
AM Times	06:45		06:45		06:45		06:45	
AM Peaks	1366		1239		2605		1301	
AM PHF	0.85		0.91		0.88		0.88	
PM Times	14:30		16:45		14:45		14:45	
PM Peaks	756		719		1472		735	
PM PHF	0.83		0.88		0.89		0.89	

Station #: H5-SB  
Site ID: 000000023808  
Loc: Rt 1, Forreton Woods-Coal Landing  
Direction: SOUTH

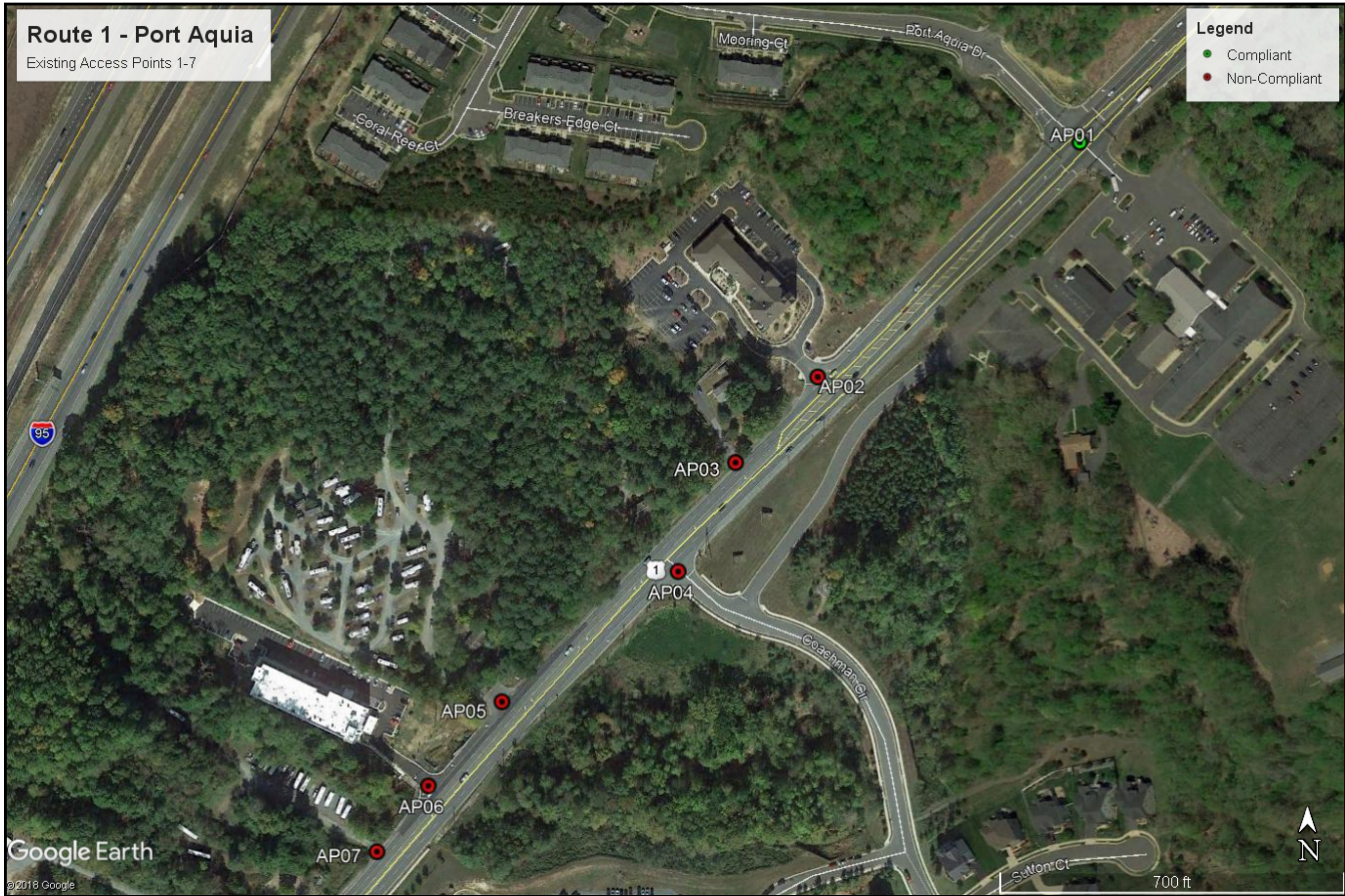
File: D0515007.prn  
Info: 19-188 TO/KL Min  
GPS: 38.44821, -77.40194

TIME	MON		TUE		WED 15		THU 16		FRI		SAT		SUN		WK TOT		WK AVG	
	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm	am	pm
00:15					29	171	42	176							71	347	36	174
00:30					24	176	26	176							50	352	25	176
00:45					22	174	18	208							40	382	20	191
01:00					13	191	16	202							29	393	14	196
01:15					14	182	14	196							28	378	14	189
01:30					6	195	10	216							16	411	8	206
01:45					7	231	18	208							25	439	12	220
02:00					9	215	7	275							16	490	8	245
02:15					9	241	12	280							21	521	10	260
02:30					10	225	8	300							18	525	9	262
02:45					13	256	8	345							21	601	10	300
03:00					11	253	9	379							20	632	10	316
03:15					5	312	6	311							11	623	6	312
03:30					6	339	14	367							20	706	10	353
03:45					7	373	9	493							16	866	8	433
04:00					11	429	6	459							17	888	8	444
04:15					6	446	7	487							13	933	6	466
04:30					9	474	12	492							21	966	10	483
04:45					9	457	10	482							19	939	10	470
05:00					20	483	17	465							37	948	18	474
05:15					23	486	26	502							49	988	24	494
05:30					35	479	27	451							62	930	31	465
05:45					41	479	29	465							70	944	35	472
06:00					46	465	47	494							93	959	46	480
06:15					42	459	39	526							81	985	40	492
06:30					56	390	62	456							118	846	59	423
06:45					83	302	69	462							152	764	76	382
07:00					109	265	126	285							235	550	118	275
07:15					169	240	170	232							339	472	170	236
07:30					155	266	120	221							275	487	138	244
07:45					102	229	97	225							199	454	100	227
08:00					112	204	103	219							215	423	108	212
08:15					118	178	120	195							238	373	119	186
08:30					120	187	144	212							264	399	132	200
08:45					122	169	116	172							238	341	119	170
09:00					135	161	149	187							284	348	142	174
09:15					118	158	143	161							261	319	130	160
09:30					134	129	122	145							256	274	128	137
09:45					120	129	165	148							285	277	142	138
10:00					138	122	150	142							288	264	144	132
10:15					129	111	121	130							250	241	125	120
10:30					135	96	121	91							256	187	128	94
10:45					139	82	148	76							287	158	144	79
11:00					151	68	133	79										

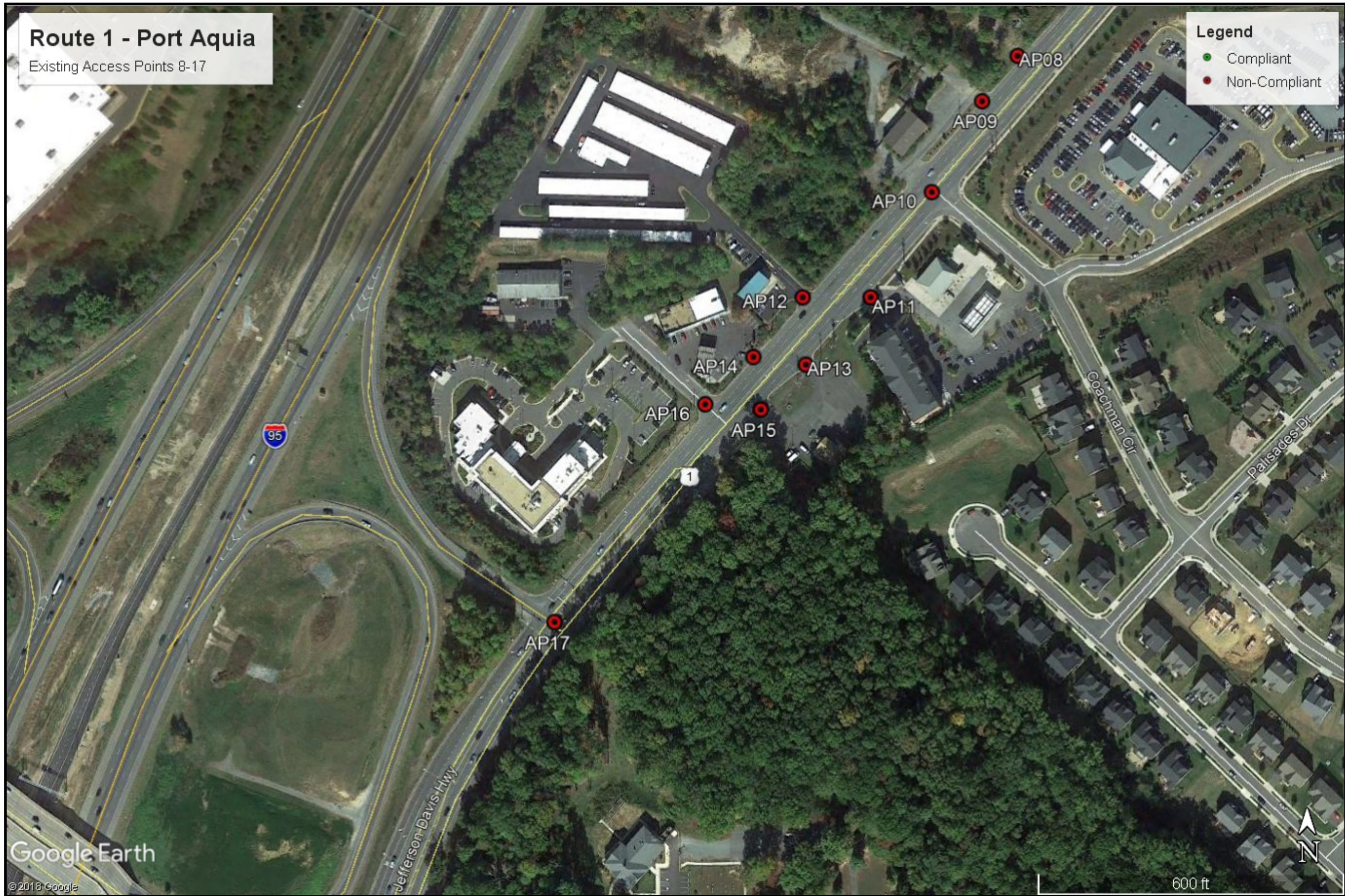
## APPENDIX B: EXISTING CONDITIONS

## APPENDIX B-1: EXISTING ACCESS POINTS









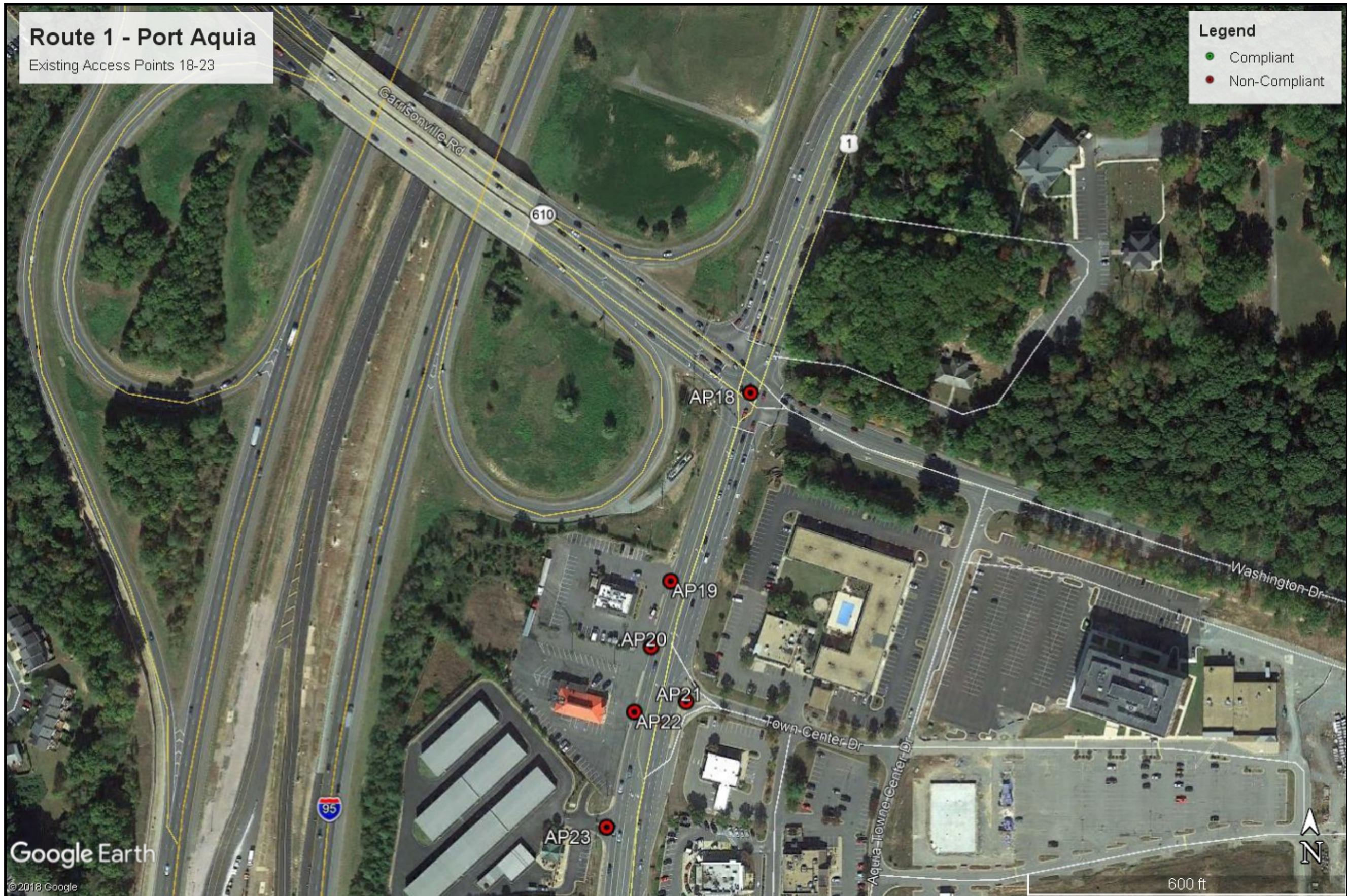


# Route 1 - Port Aquia

Existing Access Points 18-23

## Legend

- Compliant
- Non-Compliant











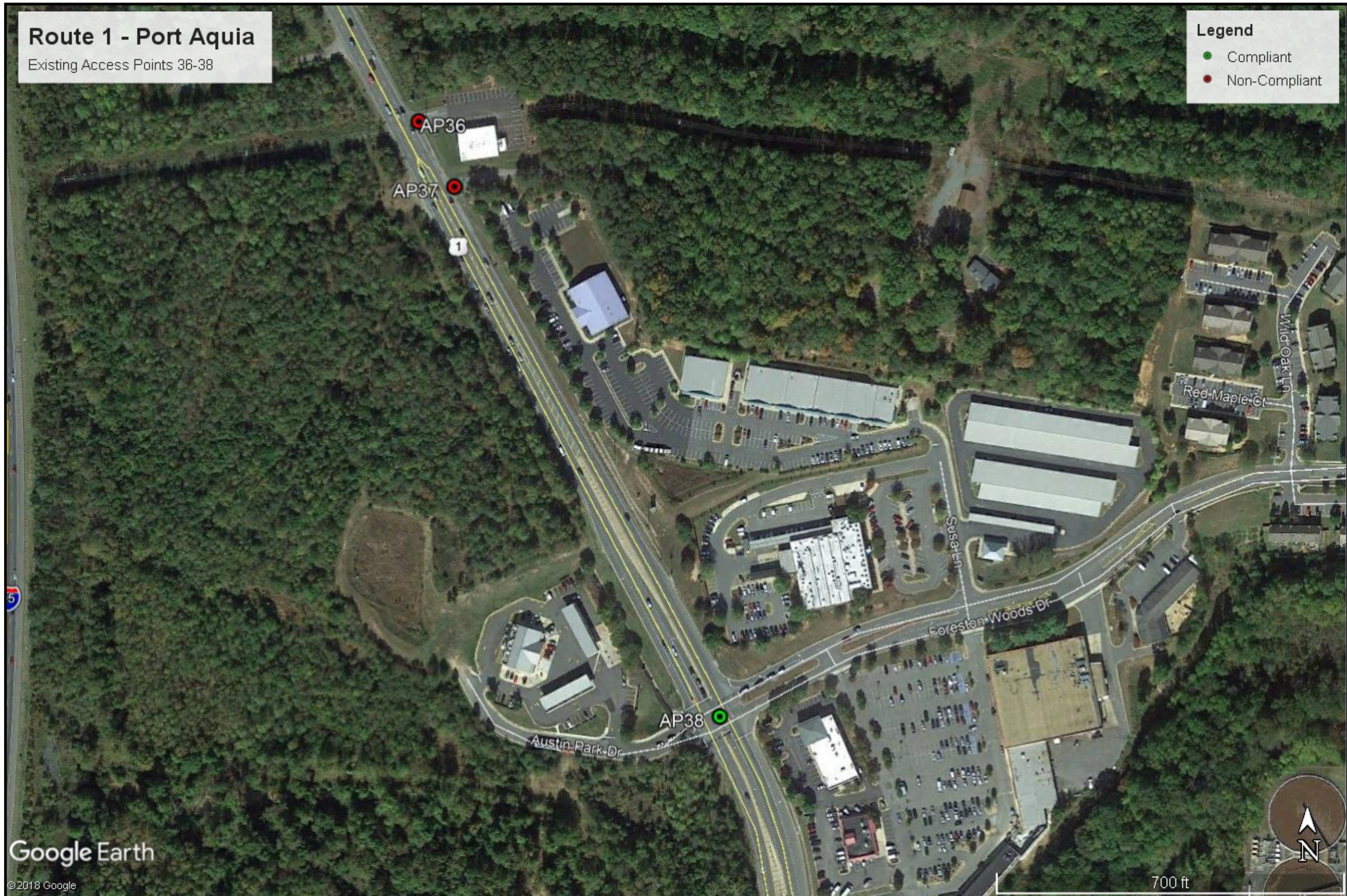


# Route 1 - Port Aquia

Existing Access Points 36-38

## Legend

- Compliant
- Non-Compliant



## Existing Access Management Route 1 (Stafford) Improvement Study Stafford County, Virginia

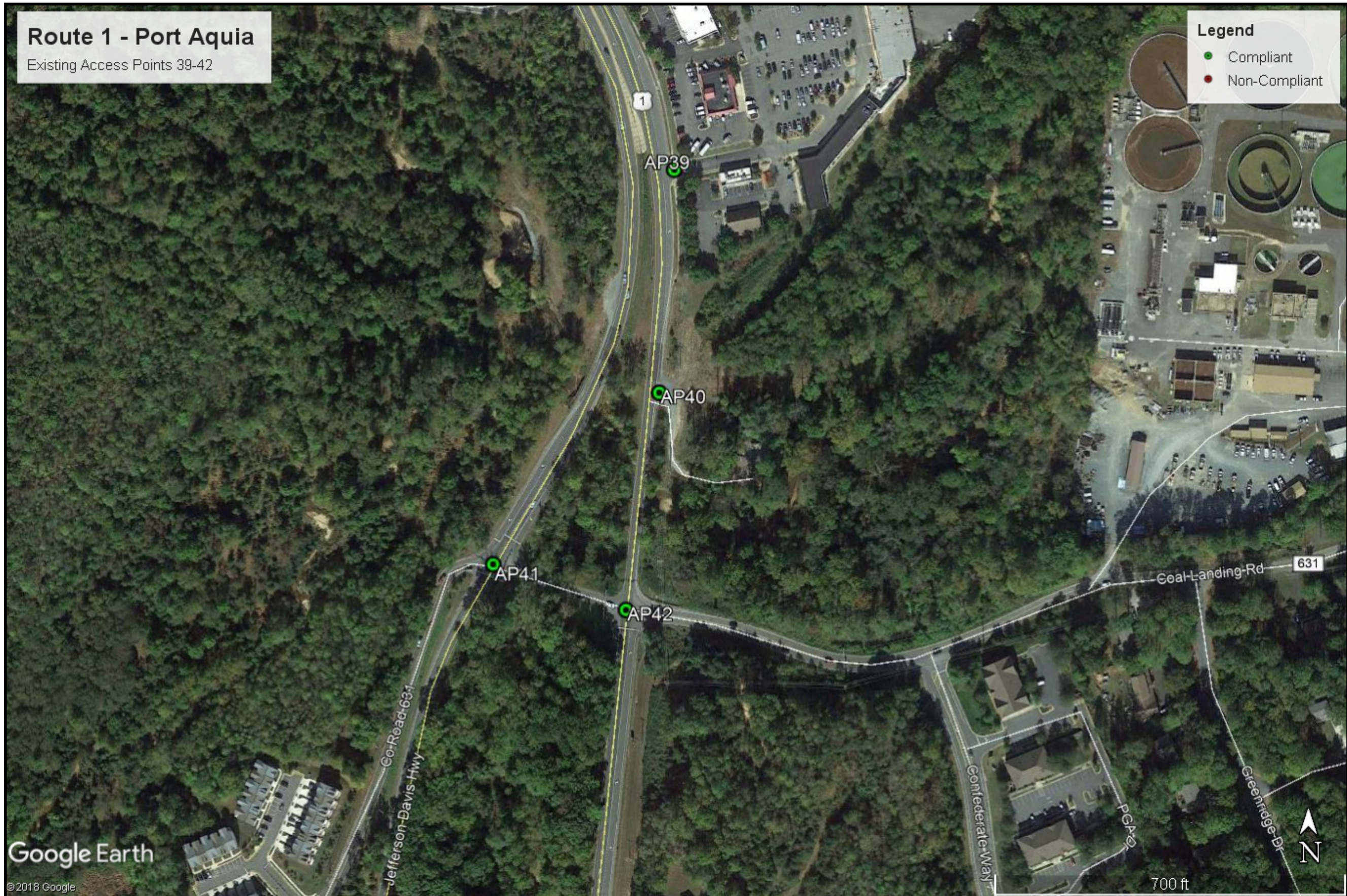


# Route 1 - Port Aquia

Existing Access Points 39-42

## Legend

- Compliant
- Non-Compliant



## Existing Access Management Route 1 (Stafford) Improvement Study Stafford County, Virginia

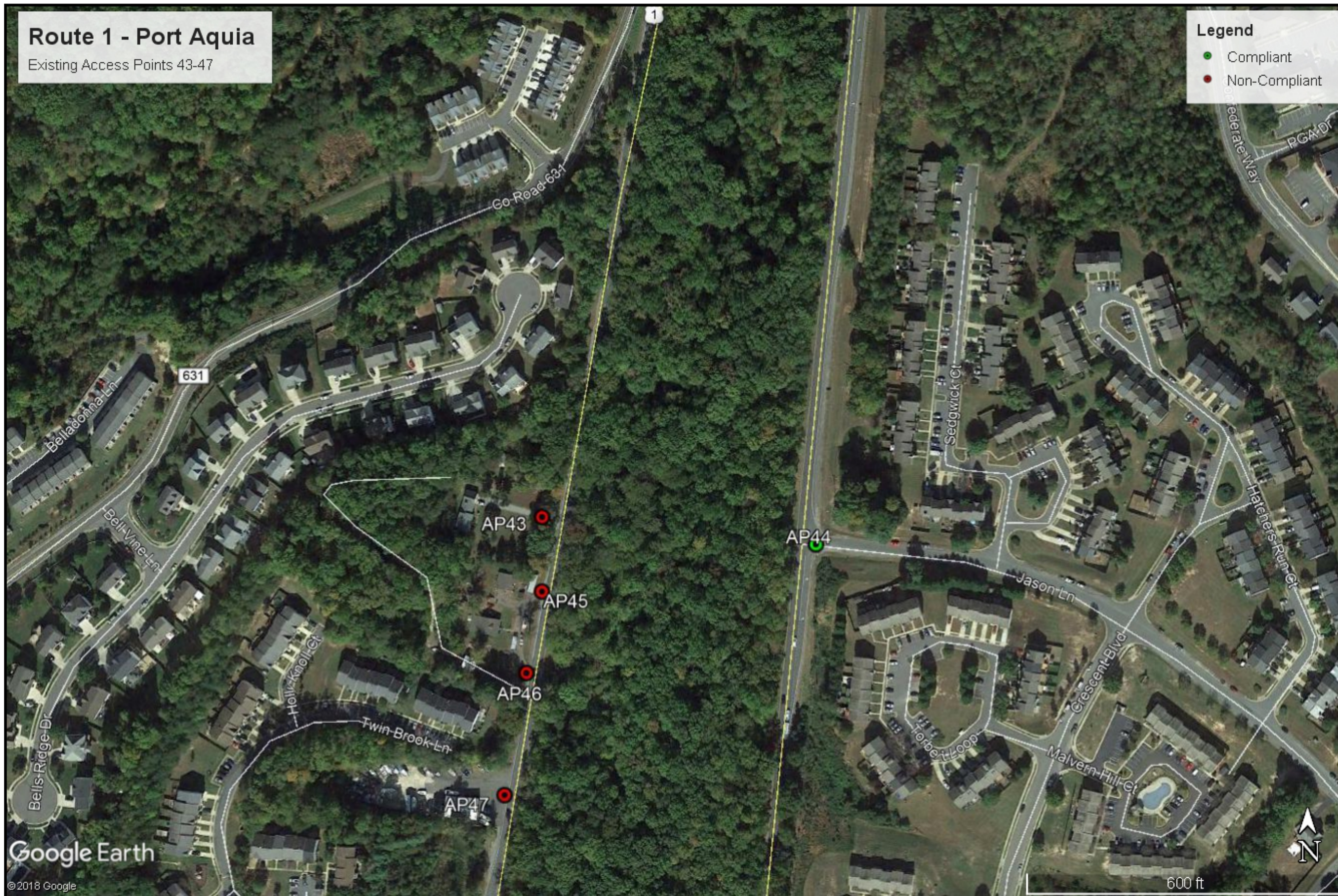


# Route 1 - Port Aquia

Existing Access Points 43-47

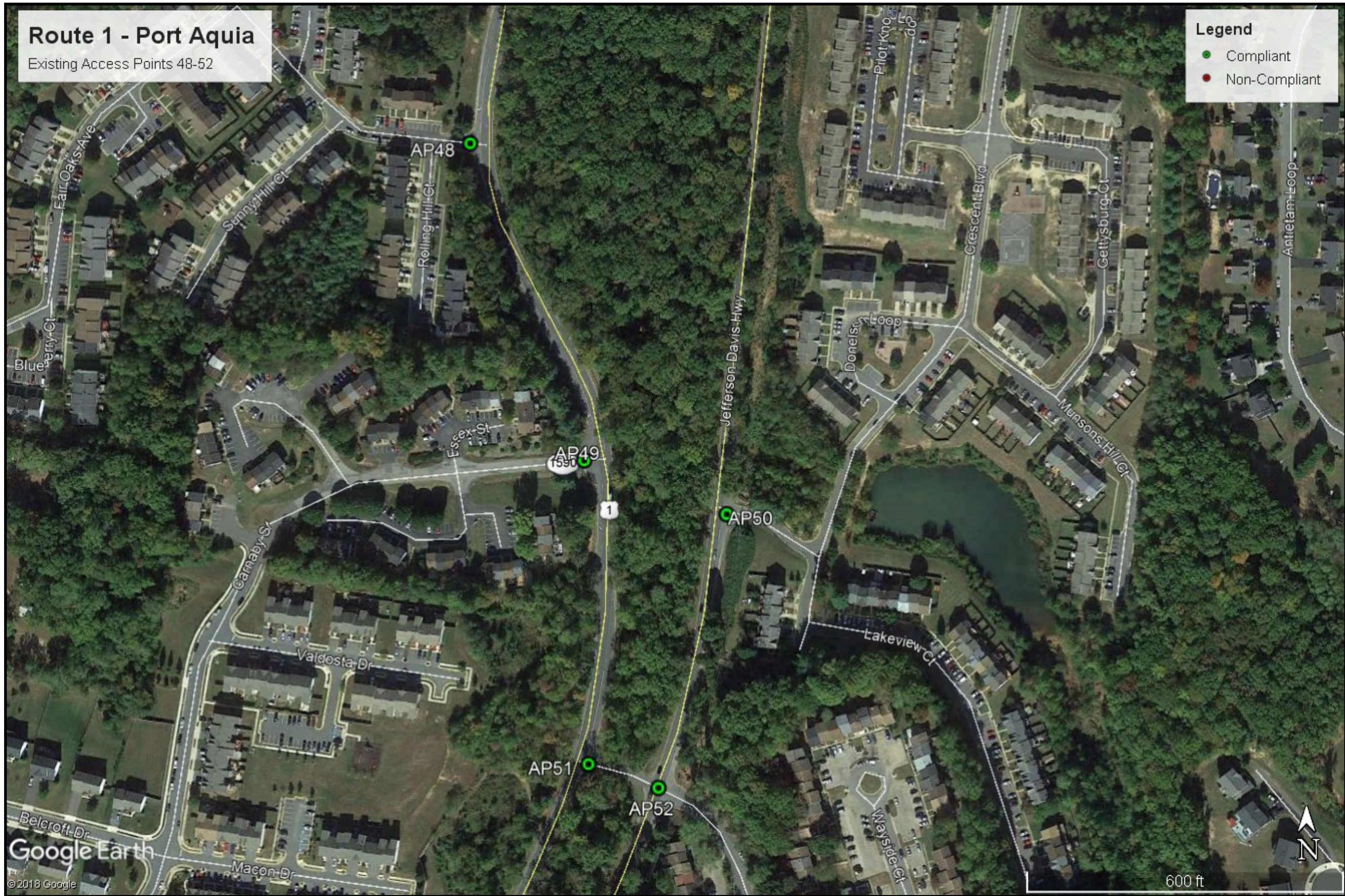
## Legend

- Compliant
- Non-Compliant



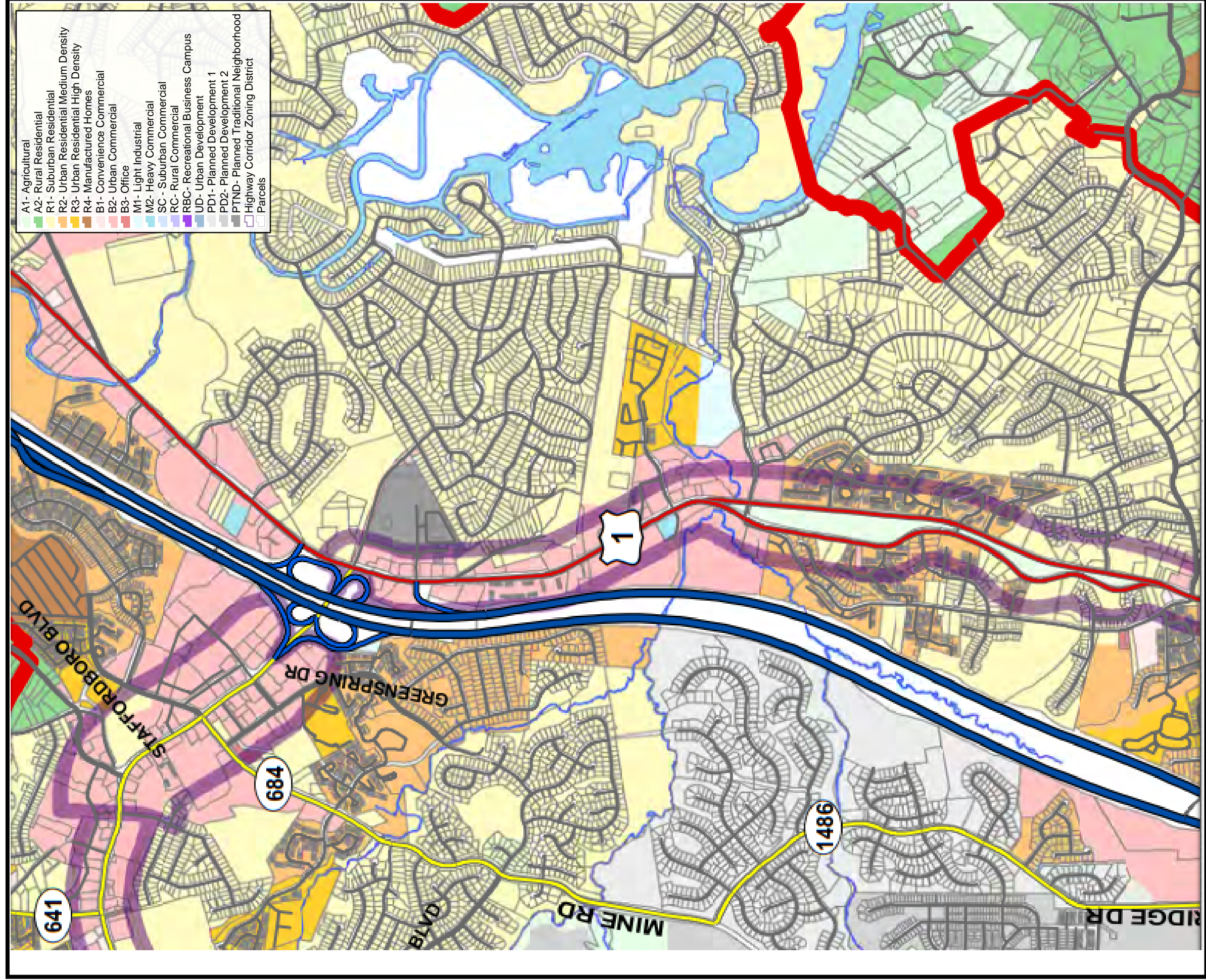
## Existing Access Management Route 1 (Stafford) Improvement Study Stafford County, Virginia







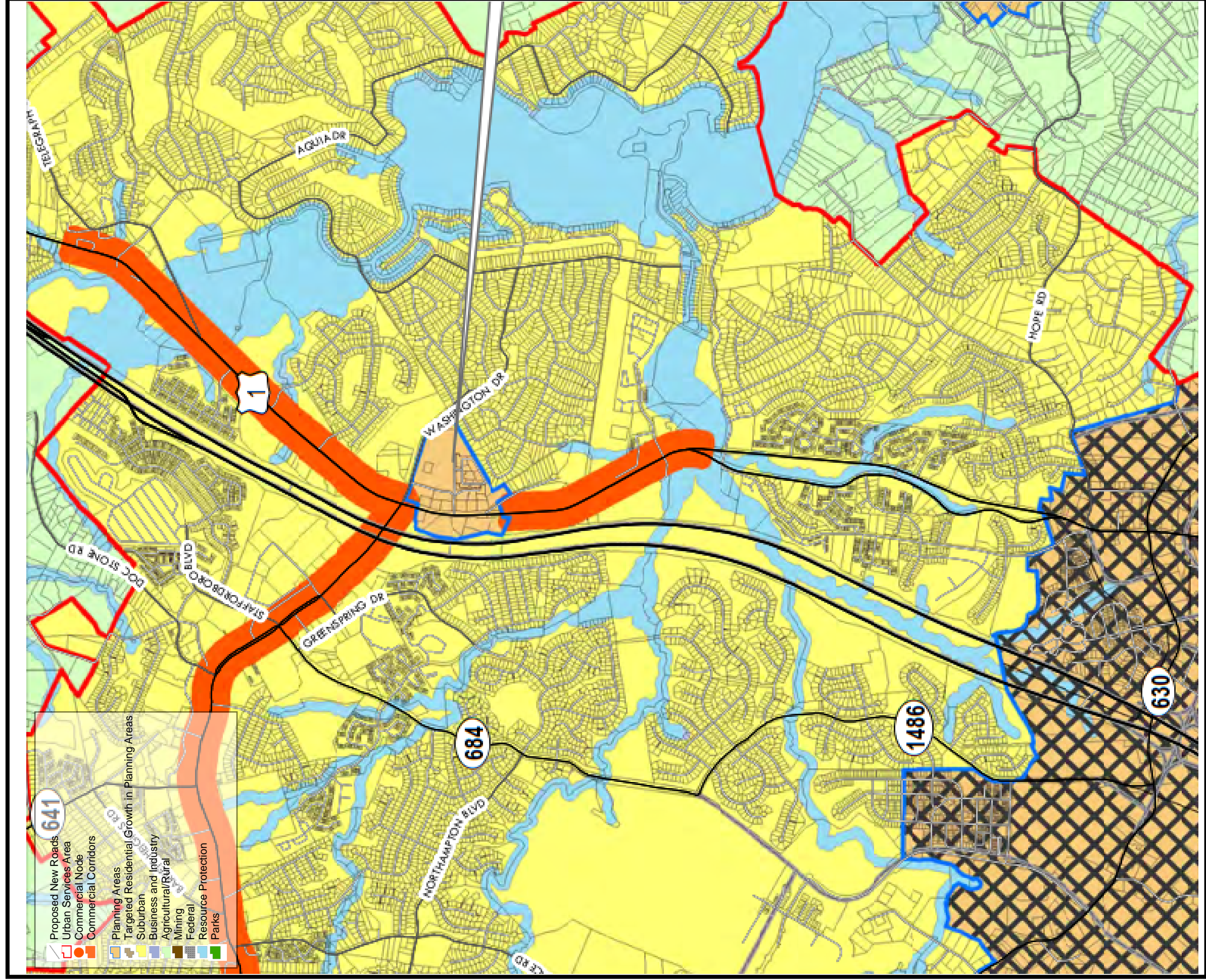
## APPENDIX B-2: EXISTING ZONING



Existing Zoning and Development Ordinances  
 Route 1 (Port Aquia)  
 Improvement Study  
 Stafford County, Virginia

June 2019  
 N.T.S

## APPENDIX B-3: FUTURE LAND USE



Future Land Use  
 Route 1 (Port Aquia)  
 Improvement Study  
 Stafford County, Virginia

June 2019  
 N.T.S

## APPENDIX B-4: SIMTRAFFIC CALIBRATION



Volume Calibration Results – Existing 2019 Conditions (AM Peak)

1	1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement	Movement		EBL	EBT	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR		
		Vehicles	Entered	27	1	56	16	12	14	1939	14	14	1	568	6	
		Vehicles	Exited	27	1	56	16	12	14	1938	14	14	1	566	6	
		Hourly	Rate	27	1	56	16	12	14	1938	14	14	1	566	6	
		Input	Volume	28	1	53	15	12	15	2108	15	15	2	576	6	
		%	Volume	96	100	106	107	100	93	92	93	93	50	98	100	
			% Diff	0.04	0	-0.06	-0.07	0	0.07	0.08	0.07	0.07	0.5	0.02	0	
			Meets criteria								Above Threshold		Above Threshold			
3	3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by movement	Movement		NBL	NBT	SBT	SBR									
		Vehicles	Entered	786	1957	580	90									
		Vehicles	Exited	790	1958	576	90									
		Hourly	Rate	790	1958	576	90									
		Input	Volume	847	2096	616	92									
		%	Volume	93	93	94	98									
			% Diff	0.07	0.07	0.06	0.02									
			Meets criteria		Above Threshold											
4	4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement	Movement		EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR	
		Vehicles	Entered	967	122	285	120	287	307	474	1490	22	13	180	386	
		Vehicles	Exited	952	117	284	121	292	287	476	1498	22	13	182	388	
		Hourly	Rate	952	117	284	121	292	287	476	1498	22	13	182	388	
		Input	Volume	1083	131	295	127	289	316	496	1537	21	14	194	410	
		%	Volume	88	89	96	95	101	91	96	97	105	93	94	95	
			% Diff	0.12	0.11	0.04	0.05	-0.01	0.09	0.04	0.03	-0.05	0.07	0.06	0.05	
			Meets criteria	Above Threshold												
5	5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by movement	Movement		EBL	EBT	EBR	WBL	WBR	NBT	NBR	SBL	SBT				
		Vehicles	Entered	351	52	27	36	183	1460	119	49	537				
		Vehicles	Exited	349	51	26	36	178	1472	118	49	541				
		Hourly	Rate	349	51	26	36	178	1472	118	49	541				
		Input	Volume	352	47	27	41	205	1511	121	51	564				
		%	Volume	99	109	96	88	87	97	98	96	96				
			% Diff	0.01	-0.09	0.04	0.12	0.13	0.03	0.02	0.04	0.04				
			Meets criteria													
6	6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr	Movement		EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR		
		Vehicles	Entered	3	2	5	36	9	1563	1	0	7	579	17		
		Vehicles	Exited	3	2	4	36	8	1528	1	0	7	574	17		

	Performance by movement	Hourly	Rate	3	2	4	36	8	1528	1	0	7	574	17		
		Input	Volume	4	1	4	37	10	1577	1	1	7	607	17		
		%	Volume	75	200	100	97	80	97	100	0	100	95	100		
			% Diff	0.25	-1	0	0.03	0.2	0.03	0	1	0	0.05	0		
	Meets criteria	Above Threshold	Above Threshold							Above Threshold						
8	8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement	Movement		EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT	SBR
		Vehicles	Entered	117	8	93	40	20	129	6	130	1362	38	60	420	65
		Vehicles	Exited	118	8	94	41	20	131	6	130	1348	38	61	416	65
		Hourly	Rate	118	8	94	41	20	131	6	130	1348	38	61	416	65
		Input	Volume	113	9	83	41	17	127	6	133	1367	40	66	436	71
		%	Volume	104	89	113	100	118	103	100	98	99	95	92	95	92
			% Diff	-0.04	0.11	-0.13	0	-0.18	0.03	0	0.02	0.01	0.05	0.08	0.05	0.08
			Meets criteria													
9	9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by movement	Movement		EBT	EBR	WBL	WBT	SBL	SBT	SBR						
		Vehicles	Entered	149	5	45	7	60	428	86						
		Vehicles	Exited	147	5	45	7	59	429	86						
		Hourly	Rate	147	5	45	7	59	429	86						
		Input	Volume	146	4	47	7	61	435	88						
		%	Volume	101	125	96	100	97	99	98						
			% Diff	-0.01	-0.25	0.04	0	0.03	0.01	0.02						
			Meets criteria		Above Threshold											
10	10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by movement	Movement		EBL	EBT	WBT	WBR	NBL	NBT	NBR						
		Vehicles	Entered	149	60	9	216	43	1217	26						
		Vehicles	Exited	147	60	9	213	42	1213	25						
		Hourly	Rate	147	60	9	213	42	1213	25						
		Input	Volume	152	57	10	207	44	1226	26						
		%	Volume	97	105	90	103	95	99	96						
			% Diff	0.03	-0.05	0.1	-0.03	0.05	0.01	0.04						
			Meets criteria													

Total movements: 74  
 Do not meet threshold: 8  
 Meet threshold: 66  
**% Meets threshold: 89%**

Volume Calibration Results – Existing 2019 Conditions (PM Peak)

1	1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement	Movement		EBL	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT	SBR	
		Vehicles	Entered	16	41	31	2	5	6	51	754	8	19	1865	32	
		Vehicles	Exited	16	41	31	2	5	6	51	755	8	19	1866	32	
		Hourly	Rate	17	45	34	2	5	7	56	824	9	21	2036	35	
		Input	Volume	17	46	36	1	5	7	56	868	9	19	2041	36	
		%	Volume	103	97	94	218	109	94	99	95	97	109	100	97	
			% Diff	-0.03	0.03	0.06	-1.18	-0.09	0.06	0.01	0.05	0.03	-0.09	0	0.03	
			Meets criteria				Above Threshold									
3	3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by movement	Movement		NBL	NBT	SBT	SBR									
		Vehicles	Entered	259	846	1905	31									
		Vehicles	Exited	258	845	1904	31									
		Hourly	Rate	281	922	2077	34									
		Input	Volume	284	951	2126	33									
		%	Volume	99	97	98	102									
			% Diff	0.01	0.03	0.02	-0.02									
			Meets criteria													
4	4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement	Movement		EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
		Vehicles	Entered	4	539	483	848	62	181	72	524	498	102	142	846	914
		Vehicles	Exited	4	542	484	848	62	181	73	523	496	102	144	847	911
		Hourly	Rate	4	591	528	925	68	197	80	571	541	111	157	924	994
		Input	Volume	5	614	550	1030	69	199	77	574	552	115	165	946	1014
		%	Volume	87	96	96	90	98	99	103	99	98	97	95	98	98
			% Diff	0.13	0.04	0.04	0.1	0.02	0.01	-0.03	0.01	0.02	0.03	0.05	0.02	0.02
			Meets criteria				Above Threshold									
5	5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by movement	Movement		EBL	EBT	EBR	WBL	WBR	NBT	NBR	SBU	SBL	SBT			
		Vehicles	Entered	181	52	37	135	142	802	80	1	68	1687			
		Vehicles	Exited	183	51	37	134	133	801	80	1	68	1685			
		Hourly	Rate	200	56	40	146	145	874	87	1	74	1838			
		Input	Volume	202	56	38	146	151	881	91	2	81	1961			
		%	Volume	99	99	106	100	96	99	96	55	92	94			
			% Diff	0.01	0.01	-0.06	0	0.04	0.01	0.04	0.45	0.08	0.06			
			Meets criteria								Above Threshold		Above Threshold			
6	6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr	Movement		EBL	EBR	WBL	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT		
		Vehicles	Entered	73	19	2	18	4	37	799	4	1	26	1744		
		Vehicles	Exited	73	18	2	18	4	36	799	4	1	27	1744		
		Hourly	Rate	80	20	2	20	4	39	872	4	1	29	1903		



8	Performance by movement	Input	Volume	78	19	3	17	4	41	881	4	1	34	2008		
		%	Volume	102	103	73	116	109	96	99	109	109	87	95		
			% Diff	-0.02	-0.03	0.27	-0.16	-0.09	0.04	0.01	-0.09	-0.09	0.13	0.05		
		Meets criteria					Above Threshold									
8	8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement	Movement		EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR
		Vehicles	Entered	37	11	116	164	16	144	43	646	43	4	227	1465	106
		Vehicles	Exited	37	11	117	164	16	145	43	651	43	4	227	1465	106
		Hourly	Rate	40	12	128	179	17	158	47	710	47	4	248	1598	116
		Input	Volume	44	13	120	178	18	159	45	716	48	4	261	1688	124
		%	Volume	92	92	106	101	97	99	104	99	98	109	95	95	93
			% Diff	0.08	0.08	-0.06	-0.01	0.03	0.01	-0.04	0.01	0.02	-0.09	0.05	0.05	0.07
	Meets criteria															
9	9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by movement	Movement		EBT	EBR	WBL	WBT	SBL	SBT	SBR						
		Vehicles	Entered	64	3	18	8	399	1086	284						
		Vehicles	Exited	65	3	18	8	408	1086	283						
		Hourly	Rate	71	3	20	9	445	1185	309						
		Input	Volume	74	2	21	8	459	1232	317						
		%	Volume	96	164	94	109	97	96	97						
			% Diff	0.04	-0.64	0.06	-0.09	0.03	0.04	0.03						
	Meets criteria		Above Threshold													
10	10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by movement	Movement		EBL	EBT	WBT	WBR	NBL	NBT	NBR						
		Vehicles	Entered	62	412	11	121	15	555	6						
		Vehicles	Exited	62	414	11	120	15	549	6						
		Hourly	Rate	68	452	12	131	16	599	7						
		Input	Volume	71	462	11	128	18	614	5						
		%	Volume	95	98	109	102	91	98	131						
			% Diff	0.05	0.02	-0.09	-0.02	0.09	0.02	-0.31						
	Meets criteria							Above Threshold								

Total movements: 77  
 Do not meet threshold: 7  
 Meet threshold: 70  
 % Meets threshold: 91%

Queue Calibration (AM&PM)

ID	Streets	Move	AM								PM								
			Field Count (veh)	Field Count (ft)	Simtraffic Average Queue (veh)	Simtraffic Average Queue (ft)	Diff	% Diff	Diff > 4 ?	Meets criteria (AVG)	Move	Field Count (veh)	Field Count (ft)	Simtraffic Average Queue (veh)	Simtraffic Average Queue (ft)	Diff	% Diff	Diff > 4 ?	Meets criteria (AVG)
1	Route 1 & Port Aquia Dr	EBLT	1	35	1	28	0	-29%	0	1	EBLT	1	30	1	21	0	-17%	0	1
		WBLT	3	85	1	19	-2	-71%	0	1	WBLT	1	35	2	40	1	43%	0	1
		NBL	1	15	0	7	-1	-100%	0	1	NBL	0	10	2	40	2	400%	0	1
		NBT	10	240	3	81	-7	-69%	1	0	NBT	5	115	2	38	-3	-57%	0	1
		SBL	1	20	0	1	-1	-100%	0	1	SBL	0	10	1	15	1	150%	0	1
		SBT	5	130	1	30	-4	-81%	0	1	SBT	5	115	7	186	2	52%	0	1
3	Route 1 & I-95 On Ramp	NBL	6	160	9	237	3	41%	0	1	NBL	5	125	8	203	3	60%	0	1
		SBT	7	175	5	122	-2	-29%	0	1	SBT	6	155	2	57	-4	-68%	0	1
4	Route 1 & Garrisonville Rd / Washington Dr	EBL	35	875	15	387	-20	-57%	1	0	EBL	15	385	12	306	-3	-22%	0	1
		EBLT	35	875	15	387	-20	-57%	1	0	EBLT	15	385	13	317	-2	-16%	0	1
		EBT	3	80	3	76	0	-6%	0	1	EBT	14	355	10	242	-4	-30%	0	1
		WBL	3	75	4	102	1	33%	0	1	WBL	4	105	2	62	-2	-52%	0	1
		WBT	7	175	42	1052	35	500%	1	0	WBT	6	150	4	97	-2	-33%	0	1
		NBL	6	160	6	149	0	-6%	0	1	NBL	12	295	11	274	-1	-7%	0	1
		NBT	16	395	15	371	-1	-5%	0	1	NBT	8	210	6	149	-2	-29%	0	1
		SBL	1	15	0	7	-1	-100%	0	1	SBL	6	150	7	174	1	17%	0	1
		SBT	4	90	3	66	-1	-17%	0	1	SBT	15	375	13	334	-2	-13%	0	1
5	Route 1 & I-95 Off Ramp	EBL	7	170	11	265	4	62%	0	1	EBL	2	55	7	171	5	218%	1	0
		EBT	1	25	3	86	2	200%	0	1	EBT	1	20	4	97	3	400%	0	1
		WBL	2	45	19	485	17	956%	1	0	WBL	2	40	4	89	2	150%	0	1
		NBT	25	625	24	597	-1	-4%	0	1	NBT	10	240	3	79	-7	-69%	1	0
		SBL	1	25	1	31	0	0%	0	1	SBL	3	75	3	82	0	0%	0	1
		SBT	3	85	3	83	0	-12%	0	1	SBT	20	510	13	328	-7	-36%	1	0
6	Route 1 & Aquia Park Dr	EBLT	--	--	--	--	--	--	--	--	EBLT	2	55	3	72	1	36%	0	1
		WBLT	--	--	--	--	--	--	--	--	WBLT	0	10	1	14	1	150%	0	1
		NBL	--	--	--	--	--	--	--	--	NBL	1	25	1	25	0	0%	0	1
		NBT	--	--	--	--	--	--	--	--	NBT	5	135	4	89	-1	-26%	0	1
		SBL	--	--	--	--	--	--	--	--	SBL	1	25	0	11	-1	-100%	0	1
		SBT	--	--	--	--	--	--	--	--	SBT	7	175	6	150	-1	-14%	0	1
8		EBLT	4	105	5	133	1	19%	0	1	EBLT	4	105	3	70	-1	-29%	0	1
		WBLT	2	40	2	54	0	25%	0	1	WBLT	8	195	7	170	-1	-10%	0	1

	Route 1 & Foreston Woods Dr	NBL	5	135	6	146	1	11%	0	1	NBL	1	20	2	54	1	150%	0	1
		NBT	6	140	9	233	3	61%	0	1	NBT	5	115	7	182	2	52%	0	1
		SBL	5	135	2	56	-3	-63%	0	1	SBL	9	225	8	209	-1	-11%	0	1
		SBT	2	45	2	59	0	11%	0	1	SBT	19	480	12	306	-7	-38%	1	0
9&10	Route 1 & Coal Landing Rd	EBT	4	95	5	118	1	32%	0	1	EBT	2	50	2	59	0	0%	0	1
		WBT	2	40	1	23	-1	-38%	0	1	WBT	0	10	2	53	2	400%	0	1
		NBL	10	250	11	273	1	10%	0	1	NBL	1	25	1	25	0	0%	0	1
		NBT	4	110	0	8	-4	-100%	0	1	NBT	9	225	6	160	-3	-33%	0	1
		SBL	2	60	5	122	3	108%	0	1	SBL	8	210	7	186	-1	-17%	0	1
		SBT	4	105	1	28	-3	-76%	0	1	SBT	14	350	11	280	-3	-21%	0	1

  = queue may be higher due to visual obstruction of back of queue during field observations

Meets	30
Total	35
%	86%

Meets	37
Total	41
%	90%

## APPENDIX B-5: SAMPLE SIZE DETERMINATION TOOL

VDOT Sample Size Determination – Existing (2019) AM Peak

VDOT Sample Size Determination – Existing (2019) PM Peak

VDOT Sample Size Determination – Existing (2019) Weekend Peak

**VDOT** Virginia Department of Transportation Sample Size Determination Tool, Version 2.0

User Inputs

Constants

Outputs

Sample Size (N) = Number of Model Runs  
 Sample Mean ( $X_s$ ) =  $(1/N) (X_1 + X_2 + X_3 \dots + X_N)$   
 Sample Standard Deviation ( $S_s$ ) =  $\sqrt{[(\sum(X-X_s)^2)/(N-1)]}$   
 Sampling Error =  $Z (S_s/\sqrt{N})$   
 Confidence Level =  $X_s \pm Z (S_s/\sqrt{N})$   
 % of Sample Mean (E) = % Tolerance \*  $X_s$   
 Sample Size Needed =  $[(Z)^2 * (S_s)^2] / (E)^2$

---

**Model Iterations**

Measure of Effectiveness (MOE): Speed

Confidence Interval: 95%

Tolerance Error: 10%

Number of Model Runs: 10

**Sample Size Outputs**

N = 10.0

$X_s$  = 10.4

$S_s$  = 0.5

E = 1.0

Z = 1.96

Sampling Error = 0.33

95% Confidence Interval = 10.1 to 10.7

Percentage of Mean = 3.16% Good

Sample Size Needed = 10

Z is the number of standard deviations away from the mean corresponding to the required confidence level in a normal distribution.

Run Number	Speed
1	10.12329
2	9.925066
3	10.08622
4	11.68128
5	10.72554
6	10.32251
7	10.66374
8	9.961588
9	10.19381
10	10.14878
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	

**VDOT** Virginia Department of Transportation Sample Size Determination Tool, Version 2.0

User Inputs

Constants

Outputs

Sample Size (N) = Number of Model Runs  
 Sample Mean ( $X_s$ ) =  $(1/N) (X_1 + X_2 + X_3 \dots + X_N)$   
 Sample Standard Deviation ( $S_s$ ) =  $\sqrt{[(\sum(X-X_s)^2)/(N-1)]}$   
 Sampling Error =  $Z (S_s/\sqrt{N})$   
 Confidence Level =  $X_s \pm Z (S_s/\sqrt{N})$   
 % of Sample Mean (E) = % Tolerance \*  $X_s$   
 Sample Size Needed =  $[(Z)^2 * (S_s)^2] / (E)^2$

---

**Model Iterations**

Measure of Effectiveness (MOE): Speed

Confidence Interval: 95%

Tolerance Error: 10%

Number of Model Runs: 10

**Sample Size Outputs**

N = 10.0

$X_s$  = 14.5

$S_s$  = 0.8

E = 1.4

Z = 1.96

Sampling Error = 0.51

95% Confidence Interval = 14.0 to 15.0

Percentage of Mean = 3.53% Good

Sample Size Needed = 10

Z is the number of standard deviations away from the mean corresponding to the required confidence level in a normal distribution.

Run Number	Speed
1	14.80365
2	14.68534
3	14.6924
4	13.49743
5	14.2984
6	13.66221
7	13.87183
8	16.35468
9	14.78366
10	13.96295
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	

**VDOT** Virginia Department of Transportation Sample Size Determination Tool, Version 2.0

User Inputs

Constants

Outputs

Sample Size (N) = Number of Model Runs  
 Sample Mean ( $X_s$ ) =  $(1/N) (X_1 + X_2 + X_3 \dots + X_N)$   
 Sample Standard Deviation ( $S_s$ ) =  $\sqrt{[(\sum(X-X_s)^2)/(N-1)]}$   
 Sampling Error =  $Z (S_s/\sqrt{N})$   
 Confidence Level =  $X_s \pm Z (S_s/\sqrt{N})$   
 % of Sample Mean (E) = % Tolerance \*  $X_s$   
 Sample Size Needed =  $[(Z)^2 * (S_s)^2] / (E)^2$

---

**Model Iterations**

Measure of Effectiveness (MOE): Speed

Confidence Interval: 95%

Tolerance Error: 10%

Number of Model Runs: 20

**Sample Size Outputs**

N = 20.0

$X_s$  = 13.0

$S_s$  = 2.0

E = 1.3

Z = 1.96

Sampling Error = 0.89

95% Confidence Interval = 12.1 to 13.9

Percentage of Mean = 6.86% Good

Sample Size Needed = 20

Z is the number of standard deviations away from the mean corresponding to the required confidence level in a normal distribution.

Run Number	Speed
1	13.11193
2	11.3457
3	13.52065
4	13.20896
5	9.795082
6	8.927048
7	13.83593
8	14.91843
9	14.29688
10	12.80203
11	12.77198
12	12.7887
13	16.42481
14	14.84529
15	13.69433
16	12.78679
17	11.24705
18	9.555312
19	14.91234
20	15.94413
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	

## APPENDIX B-6: SIMTRAFFIC OUTPUT

Interval #1 Information

Start Time	6:45
End Time	7:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1713	1725	1815	1682	1705	1751	1734
Vehs Exited	1725	1703	1652	1686	1695	1713	1690
Starting Vehs	707	721	620	619	704	636	669
Ending Vehs	695	743	783	615	714	674	713
Travel Distance (mi)	2327	2375	2346	2307	2312	2282	2334
Travel Time (hr)	200.9	198.5	188.7	170.6	200.6	181.9	180.0
Total Delay (hr)	135.9	132.6	123.7	106.6	136.4	118.3	115.3
Total Stops	3394	4288	3872	3088	4100	3144	4264
Fuel Used (gal)	107.6	107.2	104.9	99.9	106.1	101.7	101.7

Interval #1 Information

Start Time	6:45
End Time	7:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1781	1833	1696	1742
Vehs Exited	1724	1750	1713	1701
Starting Vehs	662	706	700	667
Ending Vehs	719	789	683	705
Travel Distance (mi)	2310	2391	2299	2328
Travel Time (hr)	190.6	207.2	200.7	192.0
Total Delay (hr)	126.1	140.7	136.8	127.2
Total Stops	4082	4604	3922	3878
Fuel Used (gal)	103.7	110.5	106.8	105.0

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	5:45	5:45	5:45	5:45	5:45	5:45	5:45
End Time	7:45	7:45	7:45	7:45	7:45	7:45	7:45
Total Time (min)	120	120	120	120	120	120	120
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6895	7159	6994	7031	7054	7031	7178
Vehs Exited	6774	6845	6660	6837	6903	6833	6879
Starting Vehs	707	721	620	619	704	636	669
Ending Vehs	828	1035	954	813	855	834	968
Travel Distance (mi)	9114	9404	9242	9456	9461	9314	9479
Travel Time (hr)	900.3	947.5	916.3	809.5	882.1	902.3	888.9
Total Delay (hr)	646.7	686.6	660.9	547.8	619.3	643.8	626.3
Total Stops	13778	19205	17225	14233	17407	13974	19776
Fuel Used (gal)	447.5	462.4	456.0	434.0	449.4	454.0	450.4

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	5:45	5:45	5:45	5:45
End Time	7:45	7:45	7:45	7:45
Total Time (min)	120	120	120	120
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	7205	7065	6939	7054
Vehs Exited	6858	6828	6769	6817
Starting Vehs	662	706	700	667
Ending Vehs	1009	943	870	902
Travel Distance (mi)	9336	9415	9209	9343
Travel Time (hr)	937.2	923.6	907.4	901.5
Total Delay (hr)	677.9	662.3	651.8	642.3
Total Stops	19157	18473	15312	16850
Fuel Used (gal)	457.8	458.1	451.8	452.1

Interval #0 Information Seeding

Start Time	5:45
End Time	6:45
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #3 Information

Start Time	7:15
End Time	7:30
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	1	10	2	3	4	5	6
Vehs Entered	1746	1805	1703	1806	1788	1822	1841
Vehs Exited	1722	1719	1634	1724	1723	1665	1723
Starting Vehs	784	860	795	689	725	710	824
Ending Vehs	808	946	864	771	790	867	942
Travel Distance (mi)	2287	2326	2259	2404	2377	2335	2417
Travel Time (hr)	233.6	252.0	232.4	216.1	221.0	233.3	237.5
Total Delay (hr)	170.1	187.3	170.0	149.6	155.2	168.7	170.7
Total Stops	3556	5135	4338	3914	4455	3670	5019
Fuel Used (gal)	113.7	119.2	113.9	112.8	112.7	115.6	116.3

Interval #3 Information

Start Time	7:15
End Time	7:30
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	7	8	9	Avg
Vehs Entered	1868	1690	1743	1776
Vehs Exited	1692	1695	1723	1701
Starting Vehs	783	841	719	766
Ending Vehs	959	836	739	849
Travel Distance (mi)	2328	2284	2308	2332
Travel Time (hr)	246.4	235.5	230.7	233.8
Total Delay (hr)	181.7	171.8	166.6	169.2
Total Stops	5048	4426	3682	4319
Fuel Used (gal)	116.9	113.6	114.1	114.9

Interval #2 Information

Start Time	7:00
End Time	7:15
Total Time (min)	15

Volumes adjusted by PHF, Growth Factors.

Run Number	1	10	2	3	4	5	6
Vehs Entered	1785	1787	1692	1769	1721	1761	1852
Vehs Exited	1696	1670	1680	1695	1710	1725	1741
Starting Vehs	695	743	783	615	714	674	713
Ending Vehs	784	860	795	689	725	710	824
Travel Distance (mi)	2259	2371	2263	2375	2363	2310	2406
Travel Time (hr)	206.4	220.9	223.5	189.1	209.1	211.2	210.5
Total Delay (hr)	143.1	155.2	160.9	123.4	143.6	146.8	143.6
Total Stops	3502	4518	4089	3230	4211	3564	4872
Fuel Used (gal)	107.2	112.3	111.8	105.2	110.5	110.1	111.2

Interval #2 Information

Start Time	7:00
End Time	7:15
Total Time (min)	15

Volumes adjusted by PHF, Growth Factors.

Run Number	7	8	9	Avg
Vehs Entered	1762	1732	1750	1760
Vehs Exited	1698	1680	1714	1699
Starting Vehs	719	789	683	705
Ending Vehs	783	841	719	766
Travel Distance (mi)	2360	2348	2273	2333
Travel Time (hr)	210.4	226.8	212.2	212.0
Total Delay (hr)	145.1	162.0	148.9	147.3
Total Stops	4519	4618	3711	4080
Fuel Used (gal)	109.5	114.5	108.1	110.0



1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	2.8	1.9	0.0	0.2	0.2
Total Delay (hr)	0.5	0.4	2.4	0.4	3.7
Total Del/Veh (s)	20.2	48.5	4.4	2.5	5.0
Travel Time (hr)	0.9	0.5	10.2	1.5	13.1
Avg Speed (mph)	10	4	34	33	31
Vehicles Entered	84	28	1967	575	2654
Vehicles Exited	84	28	1966	573	2651
Hourly Exit Rate	84	28	1966	573	2651
Input Volume	82	27	2138	584	2831
% of Volume	102	104	92	98	94

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by approach

Approach	NW	NE	SW	All
Denied Delay (hr)	77.2	0.0	0.0	77.2
Denied Del/Veh (s)	1502.3	0.0	0.0	99.8
Total Delay (hr)	24.0	1.0	0.3	25.4
Total Del/Veh (s)	891.8	1.9	1.8	33.7
Travel Time (hr)	101.5	10.8	4.4	116.7
Avg Speed (mph)	0	39	41	15
Vehicles Entered	73	1952	647	2672
Vehicles Exited	73	1949	649	2671
Hourly Exit Rate	73	1949	649	2671
Input Volume	146	2089	650	2885
% of Volume	50	93	100	93

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	8.3	2.3	10.6
Total Del/Veh (s)	10.8	12.3	11.1
Travel Time (hr)	24.3	6.6	30.9
Avg Speed (mph)	21	22	21
Vehicles Entered	2743	670	3413
Vehicles Exited	2748	666	3414
Hourly Exit Rate	2748	666	3414
Input Volume	2943	708	3651
% of Volume	93	94	94

Interval #4 Information Recording

Start Time	7:30
End Time	7:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1651	1842	1784	1774	1840	1697	1751
Vehs Exited	1631	1753	1694	1732	1775	1730	1725
Starting Vehs	808	946	864	771	790	867	942
Ending Vehs	828	1035	954	813	855	834	968
Travel Distance (mi)	2240	2332	2373	2371	2409	2387	2323
Travel Time (hr)	259.3	276.2	271.8	233.7	251.3	275.9	260.9
Total Delay (hr)	197.6	211.5	206.3	168.2	184.2	210.0	196.7
Total Stops	3326	5264	4926	4001	4641	3596	5621
Fuel Used (gal)	118.9	123.7	125.4	116.0	120.1	126.7	121.2

Interval #4 Information Recording

Start Time	7:30
End Time	7:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1794	1810	1750	1764
Vehs Exited	1744	1703	1619	1708
Starting Vehs	959	836	739	849
Ending Vehs	1009	943	870	902
Travel Distance (mi)	2338	2391	2329	2349
Travel Time (hr)	289.9	254.1	263.8	263.7
Total Delay (hr)	225.0	187.9	199.5	198.7
Total Stops	5508	4825	3997	4570
Fuel Used (gal)	127.6	119.6	122.8	122.2

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by approach

Approach	EB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	0.0
Total Delay (hr)	0.0	11.1	0.3	11.3
Total Del/Veh (s)	4.5	24.6	1.6	18.5
Travel Time (hr)	0.0	23.6	3.0	26.7
Avg Speed (mph)	12	23	40	25
Vehicles Entered	4	1591	583	2178
Vehicles Exited	4	1585	582	2171
Hourly Exit Rate	4	1585	582	2171
Input Volume	4	1600	615	2219
% of Volume	100	99	95	98

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.2
Denied Del/Veh (s)	2.2	0.2	0.1	0.0	0.2
Total Delay (hr)	3.3	1.8	10.5	2.4	17.9
Total Del/Veh (s)	53.4	33.1	24.3	15.4	25.6
Travel Time (hr)	4.1	2.8	13.3	6.6	26.8
Avg Speed (mph)	4	8	9	28	13
Vehicles Entered	218	189	1536	545	2488
Vehicles Exited	220	192	1522	542	2476
Hourly Exit Rate	220	192	1522	542	2476
Input Volume	205	185	1546	573	2509
% of Volume	107	104	98	95	99

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by approach

Approach	EB	WB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	0.1
Denied Del/Veh (s)	1.5	0.0	0.1	0.3
Total Delay (hr)	2.6	0.0	5.4	8.1
Total Del/Veh (s)	61.0	2.9	33.5	36.9
Travel Time (hr)	3.1	0.2	8.6	11.8
Avg Speed (mph)	4	15	11	9
Vehicles Entered	154	52	574	780
Vehicles Exited	152	52	574	778
Hourly Exit Rate	152	52	574	778
Input Volume	150	54	584	788
% of Volume	101	96	98	99

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	2.5	3.0	0.0	0.0	5.4
Denied Del/Veh (s)	6.5	14.7	0.0	0.0	4.2
Total Delay (hr)	32.0	51.2	24.6	3.8	111.5
Total Del/Veh (s)	82.5	239.3	43.9	23.1	84.2
Travel Time (hr)	38.1	60.4	37.4	7.0	142.8
Avg Speed (mph)	3	4	11	14	6
Vehicles Entered	1374	714	1986	579	4653
Vehicles Exited	1353	700	1996	583	4632
Hourly Exit Rate	1353	700	1996	583	4632
Input Volume	1509	732	2054	618	4913
% of Volume	90	96	97	94	94

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	32.7	0.4	0.0	33.1
Denied Del/Veh (s)	1.1	441.9	0.8	0.0	41.7
Total Delay (hr)	5.8	26.7	35.1	3.3	70.9
Total Del/Veh (s)	47.7	395.6	77.4	20.1	87.8
Travel Time (hr)	8.9	61.1	40.8	7.4	118.2
Avg Speed (mph)	8	1	5	17	5
Vehicles Entered	430	219	1579	586	2814
Vehicles Exited	426	214	1590	590	2820
Hourly Exit Rate	426	214	1590	590	2820
Input Volume	426	246	1632	615	2919
% of Volume	100	87	97	96	97

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0
Total Delay (hr)	0.1	0.5	29.1	0.5	30.2
Total Del/Veh (s)	50.7	46.2	66.0	3.1	48.7
Travel Time (hr)	0.1	0.7	36.6	3.2	40.7
Avg Speed (mph)	4	4	9	36	11
Vehicles Entered	5	41	1573	603	2222
Vehicles Exited	5	40	1537	598	2180
Hourly Exit Rate	5	40	1537	598	2180
Input Volume	5	41	1588	632	2266
% of Volume	100	98	97	95	96

24: Jeff Davis Hwy (Rt-1) Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	3.6	0.3	3.9
Total Del/Veh (s)	8.3	2.1	6.6
Travel Time (hr)	9.8	2.2	12.0
Avg Speed (mph)	26	20	25
Vehicles Entered	1536	571	2107
Vehicles Exited	1535	572	2107
Hourly Exit Rate	1535	572	2107
Input Volume	1548	581	2129
% of Volume	99	98	99

93: Garrisonville Road Performance by approach

Approach	EB	WB	SW	All
Denied Delay (hr)	1.9	0.0	0.0	1.9
Denied Del/Veh (s)	2.7	0.0	0.2	1.8
Total Delay (hr)	169.3	0.5	0.0	169.8
Total Del/Veh (s)	230.6	1.7	1.0	154.8
Travel Time (hr)	201.3	4.0	0.5	205.8
Avg Speed (mph)	5	21	24	5
Vehicles Entered	2506	1160	145	3811
Vehicles Exited	2363	1158	144	3665
Hourly Exit Rate	2363	1158	144	3665
Input Volume	2505	1199	150	3854
% of Volume	94	97	96	95

Total Network Performance

Denied Delay (hr)	118.2
Denied Del/Veh (s)	58.7
Total Delay (hr)	524.1
Total Del/Veh (s)	244.5
Travel Time (hr)	901.5
Avg Speed (mph)	12
Vehicles Entered	7054
Vehicles Exited	6817
Hourly Exit Rate	6817
Input Volume	46907
% of Volume	15

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by approach

Approach	EB	WB	NB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.3	0.0	0.1
Total Delay (hr)	2.3	2.0	11.1	15.3
Total Del/Veh (s)	38.8	31.1	30.5	31.6
Travel Time (hr)	2.7	2.9	30.2	35.7
Avg Speed (mph)	4	7	28	24
Vehicles Entered	209	225	1286	1720
Vehicles Exited	207	222	1280	1709
Hourly Exit Rate	207	222	1280	1709
Input Volume	209	217	1296	1722
% of Volume	99	102	99	99

11: Performance by approach

Approach	SB	NW	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.2	0.0	0.2
Total Del/Veh (s)	1.5	6.2	1.7
Travel Time (hr)	3.6	0.1	3.7
Avg Speed (mph)	41	11	41
Vehicles Entered	492	19	511
Vehicles Exited	493	19	512
Hourly Exit Rate	493	19	512
Input Volume	496	23	519
% of Volume	99	83	99

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by approach

Approach	NB	SE	NW	All
Denied Delay (hr)	0.1	0.0	0.0	0.1
Denied Del/Veh (s)	0.2	0.0	0.1	0.2
Total Delay (hr)	0.3	0.3	0.1	0.7
Total Del/Veh (s)	0.8	17.6	9.8	1.8
Travel Time (hr)	2.2	0.4	0.2	2.8
Avg Speed (mph)	39	5	10	32
Vehicles Entered	1181	60	35	1276
Vehicles Exited	1181	60	35	1276
Hourly Exit Rate	1181	60	35	1276
Input Volume	1190	61	35	1286
% of Volume	99	98	100	99

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	79	73	76	55	57	191	197	16	23	118	94	18
Average Queue (ft)	28	29	19	11	7	68	81	1	1	30	20	1
95th Queue (ft)	69	59	56	39	34	158	175	8	11	82	64	8
Link Distance (ft)	519		363			862	862			445	445	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	150		20		200		280		250		270	
Storage Blk Time (%)			22		9		0		0			
Queuing Penalty (veh)			3		1		0		0			

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	NW	NE	SW	SW
Directions Served	LTR	R	LT	TR
Maximum Queue (ft)	537	2	61	11
Average Queue (ft)	530	0	11	0
95th Queue (ft)	542	3	43	7
Link Distance (ft)	518		1441	1441
Upstream Blk Time (%)	100			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)	340			
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	SB	SB	SB
Directions Served	L	T	T	T	T	TR
Maximum Queue (ft)	358	419	318	118	201	274
Average Queue (ft)	237	50	25	35	61	122
95th Queue (ft)	376	294	204	89	154	233
Link Distance (ft)		841	841	1091	1091	1091
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	365					
Storage Blk Time (%)	2	1				
Queuing Penalty (veh)	23	10				

Arterial Level of Service  
Existing (2019) AM Peak

06/28/2019

Arterial Level of Service: NB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Foreston Woods Dr	8	-	-	0.1	-
	7	25.4	52.3	0.3	23
Aquia Park Dr	6	66.1	83.0	0.2	9
	42	88.4	107.8	0.2	6
Aquia Town Center	5	82.5	95.0	0.1	5
Washington Dr	4	41.9	63.3	0.2	12
I-95 On Ramp	3	5.2	24.2	0.2	27
Coachman Circle S	2	1.9	19.7	0.2	39
	20	1.9	24.6	0.3	41
Port Aquia Dr	1	4.5	18.6	0.2	34
Total		317.7	488.6	2.0	15

Arterial Level of Service: SB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Port Aquia Dr	1	2.5	9.5	0.1	36
	20	1.1	15.4	0.2	41
	2	1.4	23.9	0.3	43
I-95 On Ramp	3	12.4	34.7	0.2	22
Garrisonville Road	4	44.6	61.7	0.2	10
I-95 Off Ramp	5	4.6	26.7	0.2	29
	42	1.7	14.2	0.1	31
Aquia Park Dr	6	3.0	18.9	0.2	36
Aquia Comm Center	7	1.6	18.4	0.2	42
Austin Park Dr	8	8.8	35.8	0.3	34
Jeff Davis Hwy (Rt-1)	24	2.4	13.5	0.1	21
Bells Hill Rd	9	-	-	0.2	-
	21	4.9	34.2	0.4	38
Total		89.1	306.8	2.6	31

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	EB	EB	WB	WB	WB	NB	NB	NB	B42	B42	SB	SB
Directions Served	L	TR	L	L	R	T	T	R	T	T	L	L
Maximum Queue (ft)	463	245	63	636	639	652	652	554	803	802	57	83
Average Queue (ft)	265	86	8	485	602	597	592	294	627	624	12	31
95th Queue (ft)	426	228	37	874	687	730	734	721	1334	1335	38	68
Link Distance (ft)	876			603	603	554	554		951	951		
Upstream Blk Time (%)				44	82	49	42	1	15	14		
Queuing Penalty (veh)				0	0	395	338	0	118	115		
Storage Bay Dist (ft)		245	250						565		290	290
Storage Blk Time (%)	13	0					42	1				
Queuing Penalty (veh)	9	1					51	6				

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	SB	SB
Directions Served	T	T
Maximum Queue (ft)	176	194
Average Queue (ft)	66	83
95th Queue (ft)	134	153
Link Distance (ft)	1016	1016
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LTR	L	T	T	R	UL	T	T	R
Maximum Queue (ft)	26	18	83	192	714	720	45	30	104	126	27
Average Queue (ft)	3	1	28	18	473	473	3	5	18	27	1
95th Queue (ft)	18	9	65	129	1167	1167	34	21	66	90	11
Link Distance (ft)	490	490	399		1037	1037			951	951	
Upstream Blk Time (%)					9	9					
Queuing Penalty (veh)					73	73					
Storage Bay Dist (ft)				300			145	270			290
Storage Blk Time (%)				0	34	36	0				
Queuing Penalty (veh)				0	3	0	0				

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	401	406	182	140	206	1312	1338	295	175	370	632	644
Average Queue (ft)	387	387	76	31	102	893	1052	295	94	149	371	369
95th Queue (ft)	396	398	151	95	186	1682	1659	296	156	374	664	664
Link Distance (ft)	147	147	147	147		1527	1527				1016	1016
Upstream Blk Time (%)	75	76	2	0		6	15				0	0
Queuing Penalty (veh)	284	284	8	1		0	0				1	0
Storage Bay Dist (ft)					225			295	640	640		
Storage Blk Time (%)					1	1	61	74			0	1
Queuing Penalty (veh)					1	1	193	106			0	5

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	214	41	143	144	118	148
Average Queue (ft)	10	7	65	66	49	70
95th Queue (ft)	101	27	123	121	95	126
Link Distance (ft)			841	841	841	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	910	315			575	
Storage Blk Time (%)	0					
Queuing Penalty (veh)	0					

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB	NB
Directions Served	LT	TR	L	T	T	R
Maximum Queue (ft)	203	274	164	514	529	33
Average Queue (ft)	93	105	54	273	286	8
95th Queue (ft)	183	208	136	446	460	29
Link Distance (ft)	193	474		3536	3536	
Upstream Blk Time (%)	5	0				
Queuing Penalty (veh)	9	0				
Storage Bay Dist (ft)			165			685
Storage Blk Time (%)			0	21	0	
Queuing Penalty (veh)			1	9	0	

Intersection: 11:

Movement	NW
Directions Served	L
Maximum Queue (ft)	35
Average Queue (ft)	14
95th Queue (ft)	39
Link Distance (ft)	145
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	SE	NW
Directions Served	LT	TR
Maximum Queue (ft)	102	53
Average Queue (ft)	34	19
95th Queue (ft)	76	42
Link Distance (ft)	145	259
Upstream Blk Time (%)	0	
Queuing Penalty (veh)	0	
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	NB	NB
Directions Served	LTR	LT	T
Maximum Queue (ft)	22	535	510
Average Queue (ft)	3	119	114
95th Queue (ft)	15	591	584
Link Distance (ft)	391	1708	1708
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			13
Queuing Penalty (veh)			0

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	309	110	138	152	250	365	367	183	144	116	142	55
Average Queue (ft)	133	61	54	61	146	228	233	16	56	46	59	13
95th Queue (ft)	263	128	113	118	259	392	393	109	112	96	118	41
Link Distance (ft)	352		604	604		342	342			1708	1708	
Upstream Blk Time (%)	1					3	3	0				
Queuing Penalty (veh)	0					25	23	0				
Storage Bay Dist (ft)		110			250			340	260			400
Storage Blk Time (%)	21	1			2	9	3	0				
Queuing Penalty (veh)	18	1			16	12	1	0				

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	WB	SB	SB	SB	SB
Directions Served	TR	LT	L	T	T	R
Maximum Queue (ft)	251	27	186	278	271	166
Average Queue (ft)	118	2	72	122	126	28
95th Queue (ft)	233	15	152	239	232	96
Link Distance (ft)	437	193		831	831	
Upstream Blk Time (%)	1					
Queuing Penalty (veh)	0					
Storage Bay Dist (ft)			200			270
Storage Blk Time (%)			0	4	0	0
Queuing Penalty (veh)			0	2	0	0

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	5:45	5:45	5:45	5:45	5:45	5:45	5:45
End Time	7:45	7:45	7:45	7:45	7:45	7:45	7:45
Total Time (min)	120	120	120	120	120	120	120
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6895	7159	6994	7031	7054	7031	7178
Vehs Exited	6774	6845	6660	6837	6903	6833	6879
Starting Vehs	707	721	620	619	704	636	669
Ending Vehs	828	1035	954	813	855	834	968
Travel Distance (mi)	9114	9404	9242	9456	9461	9314	9479
Travel Time (hr)	900.3	947.5	916.3	809.5	882.1	902.3	888.9
Total Delay (hr)	646.7	686.6	660.9	547.8	619.3	643.8	626.3
Total Stops	13778	19205	17225	14233	17407	13974	19776
Fuel Used (gal)	447.5	462.4	456.0	434.0	449.4	454.0	450.4

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	5:45	5:45	5:45	5:45
End Time	7:45	7:45	7:45	7:45
Total Time (min)	120	120	120	120
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	7205	7065	6939	7054
Vehs Exited	6858	6828	6769	6817
Starting Vehs	662	706	700	667
Ending Vehs	1009	943	870	902
Travel Distance (mi)	9336	9415	9209	9343
Travel Time (hr)	937.2	923.6	907.4	901.5
Total Delay (hr)	677.9	662.3	651.8	642.3
Total Stops	19157	18473	15312	16850
Fuel Used (gal)	457.8	458.1	451.8	452.1

Interval #0 Information Seeding

Start Time	5:45
End Time	6:45
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB
Directions Served	T	T
Maximum Queue (ft)	262	281
Average Queue (ft)	32	31
95th Queue (ft)	147	152
Link Distance (ft)	823	823
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	SW
Directions Served	T	T	T	T	R	T	R
Maximum Queue (ft)	2124	2102	2042	1993	1960	3	52
Average Queue (ft)	1665	1635	1556	1379	855	0	11
95th Queue (ft)	2317	2281	2212	2285	2303	3	38
Link Distance (ft)	2213	2213	2213	2213	2213	147	456
Upstream Blk Time (%)	9	8	5	4	1		
Queuing Penalty (veh)	0	0	0	0	0		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 2223
------------------------------------



SimTraffic Simulation Summary  
Existing (2019) AM Peak

06/28/2019

Interval #2 Information

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1785	1787	1692	1769	1721	1761	1852
Vehs Exited	1696	1670	1680	1695	1710	1725	1741
Starting Vehs	695	743	783	615	714	674	713
Ending Vehs	784	860	795	689	725	710	824
Travel Distance (mi)	2259	2371	2263	2375	2363	2310	2406
Travel Time (hr)	206.4	220.9	223.5	189.1	209.1	211.2	210.5
Total Delay (hr)	143.1	155.2	160.9	123.4	143.6	146.8	143.6
Total Stops	3502	4518	4089	3230	4211	3564	4872
Fuel Used (gal)	107.2	112.3	111.8	105.2	110.5	110.1	111.2

Interval #2 Information

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	1762	1732	1750	1760
Vehs Exited	1698	1680	1714	1699
Starting Vehs	719	789	683	705
Ending Vehs	783	841	719	766
Travel Distance (mi)	2360	2348	2273	2333
Travel Time (hr)	210.4	226.8	212.2	212.0
Total Delay (hr)	145.1	162.0	148.9	147.3
Total Stops	4519	4618	3711	4080
Fuel Used (gal)	109.5	114.5	108.1	110.0

SimTraffic Simulation Summary  
Existing (2019) AM Peak

06/28/2019

Interval #1 Information

Start Time	6:45
End Time	7:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1713	1725	1815	1682	1705	1751	1734
Vehs Exited	1725	1703	1652	1686	1695	1713	1690
Starting Vehs	707	721	620	619	704	636	669
Ending Vehs	695	743	783	615	714	674	713
Travel Distance (mi)	2327	2375	2346	2307	2312	2282	2334
Travel Time (hr)	200.9	198.5	188.7	170.6	200.6	181.9	180.0
Total Delay (hr)	135.9	132.6	123.7	106.6	136.4	118.3	115.3
Total Stops	3394	4288	3872	3088	4100	3144	4264
Fuel Used (gal)	107.6	107.2	104.9	99.9	106.1	101.7	101.7

Interval #1 Information

Start Time	6:45
End Time	7:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1781	1833	1696	1742
Vehs Exited	1724	1750	1713	1701
Starting Vehs	662	706	700	667
Ending Vehs	719	789	683	705
Travel Distance (mi)	2310	2391	2299	2328
Travel Time (hr)	190.6	207.2	200.7	192.0
Total Delay (hr)	126.1	140.7	136.8	127.2
Total Stops	4082	4604	3922	3878
Fuel Used (gal)	103.7	110.5	106.8	105.0



Interval #4 Information Recording

Start Time	7:30
End Time	7:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1651	1842	1784	1774	1840	1697	1751
Vehs Exited	1631	1753	1694	1732	1775	1730	1725
Starting Vehs	808	946	864	771	790	867	942
Ending Vehs	828	1035	954	813	855	834	968
Travel Distance (mi)	2240	2332	2373	2371	2409	2387	2323
Travel Time (hr)	259.3	276.2	271.8	233.7	251.3	275.9	260.9
Total Delay (hr)	197.6	211.5	206.3	168.2	184.2	210.0	196.7
Total Stops	3326	5264	4926	4001	4641	3596	5621
Fuel Used (gal)	118.9	123.7	125.4	116.0	120.1	126.7	121.2

Interval #4 Information Recording

Start Time	7:30
End Time	7:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1794	1810	1750	1764
Vehs Exited	1744	1703	1619	1708
Starting Vehs	959	836	739	849
Ending Vehs	1009	943	870	902
Travel Distance (mi)	2338	2391	2329	2349
Travel Time (hr)	289.9	254.1	263.8	263.7
Total Delay (hr)	225.0	187.9	199.5	198.7
Total Stops	5508	4825	3997	4570
Fuel Used (gal)	127.6	119.6	122.8	122.2

Interval #3 Information

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1746	1805	1703	1806	1788	1822	1841
Vehs Exited	1722	1719	1634	1724	1723	1665	1723
Starting Vehs	784	860	795	689	725	710	824
Ending Vehs	808	946	864	771	790	867	942
Travel Distance (mi)	2287	2326	2259	2404	2377	2335	2417
Travel Time (hr)	233.6	252.0	232.4	216.1	221.0	233.3	237.5
Total Delay (hr)	170.1	187.3	170.0	149.6	155.2	168.7	170.7
Total Stops	3556	5135	4338	3914	4455	3670	5019
Fuel Used (gal)	113.7	119.2	113.9	112.8	112.7	115.6	116.3

Interval #3 Information

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1868	1690	1743	1776
Vehs Exited	1692	1695	1723	1701
Starting Vehs	783	841	719	766
Ending Vehs	959	836	739	849
Travel Distance (mi)	2328	2284	2308	2332
Travel Time (hr)	246.4	235.5	230.7	233.8
Total Delay (hr)	181.7	171.8	166.6	169.2
Total Stops	5048	4426	3682	4319
Fuel Used (gal)	116.9	113.6	114.1	114.9

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	2.2	0.1	0.2	0.5	1.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	8.0	3.6	2.6	14.9	13.0	16.1	0.0	0.0	0.0	0.1	0.0	0.0
Total Delay (hr)	29.8	1.9	0.3	2.4	6.3	42.5	5.2	19.3	0.0	0.2	2.3	1.3
Total Del/Veh (s)	108.5	54.7	4.2	68.8	75.5	442.2	39.2	46.0	5.6	54.0	44.6	11.9
Travel Time (hr)	34.4	2.2	1.4	4.0	9.8	46.7	8.4	28.7	0.2	0.3	3.2	3.6
Avg Speed (mph)	2	4	17	10	10	2	12	11	24	8	10	18
Vehicles Entered	967	122	285	120	287	307	474	1490	22	13	180	386
Vehicles Exited	952	117	284	121	292	287	476	1498	22	13	182	388
Hourly Exit Rate	952	117	284	121	292	287	476	1498	22	13	182	388
Input Volume	1083	131	295	127	289	316	496	1537	21	14	194	410
% of Volume	88	89	96	95	101	91	96	97	105	93	94	95

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	All
Denied Delay (hr)	5.4
Denied Del/Veh (s)	4.2
Total Delay (hr)	111.5
Total Del/Veh (s)	84.2
Travel Time (hr)	142.8
Avg Speed (mph)	6
Vehicles Entered	4653
Vehicles Exited	4632
Hourly Exit Rate	4632
Input Volume	4913
% of Volume	94

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.1	0.0	0.0	5.4	27.2	0.4	0.0	0.0	0.0	33.1
Denied Del/Veh (s)	0.5	3.4	3.4	442.2	441.9	0.9	0.5	0.0	0.0	41.7
Total Delay (hr)	5.0	0.5	0.3	1.0	25.7	34.6	0.4	0.9	2.4	70.9
Total Del/Veh (s)	51.1	32.5	34.1	101.0	448.5	82.5	13.4	66.7	15.8	87.8
Travel Time (hr)	7.5	0.9	0.5	6.7	54.3	39.9	1.0	1.3	6.1	118.2
Avg Speed (mph)	8	11	10	3	1	4	14	8	19	5
Vehicles Entered	351	52	27	36	183	1460	119	49	537	2814
Vehicles Exited	349	51	26	36	178	1472	118	49	541	2820
Hourly Exit Rate	349	51	26	36	178	1472	118	49	541	2820
Input Volume	352	47	27	41	205	1511	121	51	564	2919
% of Volume	99	109	96	88	87	97	98	96	96	97

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.3	0.6	4.0	0.2	4.1	0.0	0.0	0.0	3.7	0.2	3.6	0.2
Total Delay (hr)	0.4	0.0	0.1	0.3	0.1	0.0	2.4	0.0	0.0	0.4	0.0	3.7
Total Del/Veh (s)	50.4	40.7	4.6	60.0	33.1	5.9	4.5	2.3	22.4	2.5	1.5	5.0
Travel Time (hr)	0.5	0.0	0.4	0.3	0.2	0.1	10.0	0.1	0.0	1.5	0.0	13.1
Avg Speed (mph)	5	5	17	4	6	27	34	30	11	33	24	31
Vehicles Entered	27	1	56	16	12	14	1939	14	1	568	6	2654
Vehicles Exited	27	1	56	16	12	14	1938	14	1	566	6	2651
Hourly Exit Rate	27	1	56	16	12	14	1938	14	1	566	6	2651
Input Volume	28	1	53	15	12	15	2108	15	2	576	6	2831
% of Volume	96	100	106	107	100	93	92	93	50	98	100	94

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by movement

Movement	NWL	NWR	NET	NER	SWL	SWT	All
Denied Delay (hr)	39.1	38.1	0.0	0.0	0.0	0.0	77.2
Denied Del/Veh (s)	1480.5	1525.3	0.0	0.0	0.0	0.0	99.8
Total Delay (hr)	12.7	11.3	1.0	0.0	0.1	0.3	25.4
Total Del/Veh (s)	914.6	867.6	1.9	2.1	24.5	1.4	33.7
Travel Time (hr)	51.9	49.6	10.6	0.2	0.2	4.3	116.7
Avg Speed (mph)	0	0	39	32	21	42	15
Vehicles Entered	37	36	1927	25	11	636	2672
Vehicles Exited	38	35	1924	25	11	638	2671
Hourly Exit Rate	38	35	1924	25	11	638	2671
Input Volume	76	70	2065	24	13	637	2885
% of Volume	50	50	93	104	85	100	93

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	5.9	2.4	2.0	0.3	10.6
Total Del/Veh (s)	26.6	4.5	12.4	11.9	11.1
Travel Time (hr)	10.7	13.6	5.7	1.0	30.9
Avg Speed (mph)	14	27	22	21	21
Vehicles Entered	786	1957	580	90	3413
Vehicles Exited	790	1958	576	90	3414
Hourly Exit Rate	790	1958	576	90	3414
Input Volume	847	2096	616	92	3651
% of Volume	93	93	94	98	94

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Delay (hr)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.7	0.7	4.2	0.1	0.1	0.2	0.0	0.0	0.1	0.0	0.0	0.0
Total Delay (hr)	2.6	0.2	0.5	0.6	0.3	0.8	0.1	3.1	7.2	0.0	1.3	1.0
Total Del/Veh (s)	78.3	77.9	18.7	56.8	49.7	23.3	80.0	83.3	18.9	2.8	73.0	8.9
Travel Time (hr)	3.0	0.2	0.9	0.8	0.4	1.5	0.2	3.4	9.5	0.1	1.8	4.2
Avg Speed (mph)	3	3	8	6	6	10	3	3	11	19	12	33
Vehicles Entered	117	8	93	40	20	129	6	130	1362	38	60	420
Vehicles Exited	118	8	94	41	20	131	6	130	1348	38	61	416
Hourly Exit Rate	118	8	94	41	20	131	6	130	1348	38	61	416
Input Volume	113	9	83	41	17	127	6	133	1367	40	66	436
% of Volume	104	89	113	100	118	103	100	98	99	95	92	95

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	SBR	All
Denied Delay (hr)	0.0	0.2
Denied Del/Veh (s)	0.0	0.2
Total Delay (hr)	0.1	17.9
Total Del/Veh (s)	3.3	25.6
Travel Time (hr)	0.6	26.8
Avg Speed (mph)	35	13
Vehicles Entered	65	2488
Vehicles Exited	65	2476
Hourly Exit Rate	65	2476
Input Volume	71	2509
% of Volume	92	99

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by movement

Movement	EBT	EBR	WBL	WBT	SBL	SBT	SBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	1.6	0.2	0.0	0.0	0.2	0.0	0.2	0.3
Total Delay (hr)	2.6	0.1	0.0	0.0	1.4	3.9	0.1	8.1
Total Del/Veh (s)	61.4	47.7	2.9	3.3	80.8	32.7	4.3	36.9
Travel Time (hr)	3.0	0.1	0.1	0.0	1.7	6.1	0.7	11.8
Avg Speed (mph)	4	5	15	16	6	11	21	9
Vehicles Entered	149	5	45	7	60	428	86	780
Vehicles Exited	147	5	45	7	59	429	86	778
Hourly Exit Rate	147	5	45	7	59	429	86	778
Input Volume	146	4	47	7	61	435	88	788
% of Volume	101	125	96	100	97	99	98	99

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.1	0.4	0.1	29.0	0.0	0.0	0.0	0.5	0.0	30.2
Total Del/Veh (s)	81.5	4.5	68.5	40.7	41.6	66.1	82.2	17.0	3.0	1.7	48.7	48.7
Travel Time (hr)	0.1	0.0	0.1	0.6	0.2	36.4	0.0	0.0	0.1	3.0	0.1	40.7
Avg Speed (mph)	3	11	3	5	12	9	9	12	18	36	32	11
Vehicles Entered	3	2	5	36	9	1563	1	0	7	579	17	2222
Vehicles Exited	3	2	4	36	8	1528	1	0	7	574	17	2180
Hourly Exit Rate	3	2	4	36	8	1528	1	0	7	574	17	2180
Input Volume	4	1	4	37	10	1577	1	1	7	607	17	2266
% of Volume	75	200	100	97	80	97	100	0	100	95	100	96

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.1	11.0	0.2	0.0	11.3
Total Del/Veh (s)		4.4	23.9	24.6	1.6	1.6	18.5
Travel Time (hr)	0.0	0.0	0.1	23.4	2.8	0.2	26.7
Avg Speed (mph)	14	12	22	23	41	33	25
Vehicles Entered	0	4	9	1582	544	39	2178
Vehicles Exited	0	4	10	1575	544	38	2171
Hourly Exit Rate	0	4	10	1575	544	38	2171
Input Volume	1	3	11	1589	572	43	2219
% of Volume	0	133	91	99	95	88	98

24: Jeff Davis Hwy (Rt-1) Performance by movement

Movement	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	3.6	0.0	0.3	3.9
Total Del/Veh (s)	8.3	2.5	2.1	6.6
Travel Time (hr)	9.8	0.1	2.2	12.0
Avg Speed (mph)	26	22	19	25
Vehicles Entered	1536	24	547	2107
Vehicles Exited	1535	24	548	2107
Hourly Exit Rate	1535	24	548	2107
Input Volume	1548	23	558	2129
% of Volume	99	104	98	99

93: Garrisonville Road Performance by movement

Movement	EBT	EBR	WBT	SWR	All
Denied Delay (hr)	1.1	0.7	0.0	0.0	1.9
Denied Del/Veh (s)	2.7	2.6	0.0	0.2	1.8
Total Delay (hr)	163.9	5.4	0.5	0.0	169.8
Total Del/Veh (s)	362.4	19.2	1.7	1.0	154.8
Travel Time (hr)	182.2	19.1	4.0	0.5	205.8
Avg Speed (mph)	3	23	21	24	5
Vehicles Entered	1511	995	1160	145	3811
Vehicles Exited	1371	992	1158	144	3665
Hourly Exit Rate	1371	992	1158	144	3665
Input Volume	1505	1000	1199	150	3854
% of Volume	91	99	97	96	95

Total Network Performance

Denied Delay (hr)	118.2
Denied Del/Veh (s)	58.7
Total Delay (hr)	524.1
Total Del/Veh (s)	244.5
Travel Time (hr)	901.5
Avg Speed (mph)	12
Vehicles Entered	7054
Vehicles Exited	6817
Hourly Exit Rate	6817
Input Volume	46907
% of Volume	15

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by movement

Movement	EBL	EBT	WBT	WBR	NBL	NBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.3	0.4	0.3	0.6	0.0	0.0	0.1
Total Delay (hr)	1.6	0.7	0.1	1.8	0.8	10.3	0.0	15.3
Total Del/Veh (s)	37.6	40.5	53.8	29.8	65.5	29.8	5.1	31.6
Travel Time (hr)	1.9	0.8	0.2	2.7	1.5	28.2	0.5	35.7
Avg Speed (mph)	4	4	5	7	18	28	38	24
Vehicles Entered	149	60	9	216	43	1217	26	1720
Vehicles Exited	147	60	9	213	42	1213	25	1709
Hourly Exit Rate	147	60	9	213	42	1213	25	1709
Input Volume	152	57	10	207	44	1226	26	1722
% of Volume	97	105	90	103	95	99	96	99

11: Performance by movement

Movement	SBL	SBT	NWL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.3	0.0	0.0	0.0
Total Delay (hr)	0.0	0.2	0.0	0.2
Total Del/Veh (s)	2.1	1.4	6.2	1.7
Travel Time (hr)	0.5	3.1	0.1	3.7
Avg Speed (mph)	37	42	11	41
Vehicles Entered	60	432	19	511
Vehicles Exited	60	433	19	512
Hourly Exit Rate	60	433	19	512
Input Volume	61	435	23	519
% of Volume	98	100	83	99

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by movement

Movement	NBL	NBT	NBR	SEL	SET	NWT	NWR	All
Denied Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.4	0.2	2.4	0.0	0.0	0.1	0.1	0.2
Total Delay (hr)	0.0	0.3	0.0	0.3	0.0	0.1	0.0	0.7
Total Del/Veh (s)	1.2	0.8	0.2	17.4	18.7	15.6	6.8	1.8
Travel Time (hr)	0.0	2.1	0.1	0.4	0.1	0.1	0.1	2.8
Avg Speed (mph)	24	39	24	5	5	8	11	32
Vehicles Entered	7	1158	16	52	8	12	23	1276
Vehicles Exited	7	1158	16	52	8	12	23	1276
Hourly Exit Rate	7	1158	16	52	8	12	23	1276
Input Volume	9	1167	14	53	8	14	21	1286
% of Volume	78	99	114	98	100	86	110	99

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	79	73	76	55	57	191	197	16	23	118	94	18
Average Queue (ft)	28	29	19	11	7	68	81	1	1	30	20	1
95th Queue (ft)	69	59	56	39	34	158	175	8	11	82	64	8
Link Distance (ft)	519		363			862	862			445	445	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)				22	9		0	0				
Queuing Penalty (veh)				3	1		0	0				

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	NW	NE	SW	SW
Directions Served	LTR	R	LT	TR
Maximum Queue (ft)	537	2	61	11
Average Queue (ft)	530	0	11	0
95th Queue (ft)	542	3	43	7
Link Distance (ft)	518		1441	1441
Upstream Blk Time (%)	100			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		340		
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	SB	SB	SB
Directions Served	L	T	T	T	T	TR
Maximum Queue (ft)	358	419	318	118	201	274
Average Queue (ft)	237	50	25	35	61	122
95th Queue (ft)	376	294	204	89	154	233
Link Distance (ft)		841	841	1091	1091	1091
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	365					
Storage Blk Time (%)	2	1				
Queuing Penalty (veh)	23	10				

Arterial Level of Service  
Existing (2019) AM Peak

06/28/2019

Arterial Level of Service: NB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Foreston Woods Dr	8	-	-	0.1	-
	7	25.4	52.3	0.3	23
Aquia Park Dr	6	66.1	83.0	0.2	9
	42	88.4	107.8	0.2	6
Aquia Town Center	5	82.5	95.0	0.1	5
Washington Dr	4	41.9	63.3	0.2	12
I-95 On Ramp	3	5.2	24.2	0.2	27
Coachman Circle S	2	1.9	19.7	0.2	39
	20	1.9	24.6	0.3	41
Port Aquia Dr	1	4.5	18.6	0.2	34
Total		317.7	488.6	2.0	15

Arterial Level of Service: SB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Port Aquia Dr	1	2.5	9.5	0.1	36
	20	1.1	15.4	0.2	41
	2	1.4	23.9	0.3	43
I-95 On Ramp	3	12.4	34.7	0.2	22
Garrisonville Road	4	44.6	61.7	0.2	10
I-95 Off Ramp	5	4.6	26.7	0.2	29
	42	1.7	14.2	0.1	31
Aquia Park Dr	6	3.0	18.9	0.2	36
Aquia Comm Center	7	1.6	18.4	0.2	42
Austin Park Dr	8	8.8	35.8	0.3	34
Jeff Davis Hwy (Rt-1)	24	2.4	13.5	0.1	21
Bells Hill Rd	9	-	-	0.2	-
	21	4.9	34.2	0.4	38
Total		89.1	306.8	2.6	31

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	EB	EB	WB	WB	WB	NB	NB	NB	B42	B42	SB	SB
Directions Served	L	TR	L	L	R	T	T	R	T	T	L	L
Maximum Queue (ft)	463	245	63	636	639	652	652	554	803	802	57	83
Average Queue (ft)	265	86	8	485	602	597	592	294	627	624	12	31
95th Queue (ft)	426	228	37	874	687	730	734	721	1334	1335	38	68
Link Distance (ft)	876		603		603	554	554	951		951		
Upstream Blk Time (%)				44	82	49	42	1	15	14		
Queuing Penalty (veh)				0	0	395	338	0	118	115		
Storage Bay Dist (ft)	245		250					565		290		
Storage Blk Time (%)	13	0						42	1			
Queuing Penalty (veh)	9	1						51	6			

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	SB	SB
Directions Served	T	T
Maximum Queue (ft)	176	194
Average Queue (ft)	66	83
95th Queue (ft)	134	153
Link Distance (ft)	1016	1016
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB	
Directions Served	LT	R	LTR	L	T	T	R	UL	T	T	R	
Maximum Queue (ft)	26	18	83	192	714	720	45	30	104	126	27	
Average Queue (ft)	3	1	28	18	473	473	3	5	18	27	1	
95th Queue (ft)	18	9	65	129	1167	1167	34	21	66	90	11	
Link Distance (ft)	490	490	399	1037		1037	951		951			
Upstream Blk Time (%)				9	9							
Queuing Penalty (veh)				73	73							
Storage Bay Dist (ft)				300		145		270		290		
Storage Blk Time (%)				0	34	36	0					
Queuing Penalty (veh)				0	3	0	0					

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	401	406	182	140	206	1312	1338	295	175	370	632	644
Average Queue (ft)	387	387	76	31	102	893	1052	295	94	149	371	369
95th Queue (ft)	396	398	151	95	186	1682	1659	296	156	374	664	664
Link Distance (ft)	147	147	147	147	1527		1527			1016		1016
Upstream Blk Time (%)	75	76	2	0	6		15	0				
Queuing Penalty (veh)	284	284	8	1	0		0	1				
Storage Bay Dist (ft)					225		295		640	640		
Storage Blk Time (%)					1	1	61	74	0		1	1
Queuing Penalty (veh)					1	1	193	106	0		5	0

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	214	41	143	144	118	148
Average Queue (ft)	10	7	65	66	49	70
95th Queue (ft)	101	27	123	121	95	126
Link Distance (ft)			841	841	841	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	910	315				575
Storage Blk Time (%)	0					
Queuing Penalty (veh)	0					

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB	NB
Directions Served	LT	TR	L	T	T	R
Maximum Queue (ft)	203	274	164	514	529	33
Average Queue (ft)	93	105	54	273	286	8
95th Queue (ft)	183	208	136	446	460	29
Link Distance (ft)	193	474		3536	3536	
Upstream Blk Time (%)	5	0				
Queuing Penalty (veh)	9	0				
Storage Bay Dist (ft)			165			685
Storage Blk Time (%)			0	21	0	
Queuing Penalty (veh)			1	9	0	

Intersection: 11:

Movement	NW
Directions Served	L
Maximum Queue (ft)	35
Average Queue (ft)	14
95th Queue (ft)	39
Link Distance (ft)	145
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	SE	NW
Directions Served	LT	TR
Maximum Queue (ft)	102	53
Average Queue (ft)	34	19
95th Queue (ft)	76	42
Link Distance (ft)	145	259
Upstream Blk Time (%)	0	
Queuing Penalty (veh)	0	
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Queuing and Blocking Report  
Existing (2019) AM Peak

06/28/2019

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	NB	NB
Directions Served	LTR	LT	T
Maximum Queue (ft)	22	535	510
Average Queue (ft)	3	119	114
95th Queue (ft)	15	591	584
Link Distance (ft)	391	1708	1708
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			
Storage Blk Time (%)			13
Queuing Penalty (veh)			0

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	309	110	138	152	250	365	367	183	144	116	142	55
Average Queue (ft)	133	61	54	61	146	228	233	16	56	46	59	13
95th Queue (ft)	263	128	113	118	259	392	393	109	112	96	118	41
Link Distance (ft)	352		604	604		342	342			1708	1708	
Upstream Blk Time (%)	1					3	3	0				
Queuing Penalty (veh)	0					25	23	0				
Storage Bay Dist (ft)		110			250			340	260			400
Storage Blk Time (%)	21	1			2	9	3	0				
Queuing Penalty (veh)	18	1			16	12	1	0				

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	WB	SB	SB	SB	SB
Directions Served	TR	LT	L	T	T	R
Maximum Queue (ft)	251	27	186	278	271	166
Average Queue (ft)	118	2	72	122	126	28
95th Queue (ft)	233	15	152	239	232	96
Link Distance (ft)	437	193		831	831	
Upstream Blk Time (%)	1					
Queuing Penalty (veh)	0					
Storage Bay Dist (ft)			200			270
Storage Blk Time (%)			0	4	0	0
Queuing Penalty (veh)			0	2	0	0



Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	4:15	4:15	4:15	4:15	4:15	4:15	4:15
End Time	6:10	6:10	6:10	6:10	6:10	6:10	6:10
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	7186	7360	7278	7287	7373	7228	7299
Vehs Exited	7089	7223	7218	7122	7171	7140	7222
Starting Vehs	692	623	710	714	651	754	754
Ending Vehs	789	760	770	879	853	842	831
Travel Distance (mi)	10555	10851	10771	10748	10791	10621	10845
Travel Time (hr)	713.0	738.9	733.1	796.3	754.7	777.4	781.8
Total Delay (hr)	414.6	433.1	429.2	494.0	449.9	477.5	476.7
Total Stops	15423	14497	14964	16109	15914	15509	16190
Fuel Used (gal)	445.5	456.5	454.6	471.0	461.8	461.5	469.4

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	4:15	4:15	4:15	4:15
End Time	6:10	6:10	6:10	6:10
Total Time (min)	115	115	115	115
Time Recorded (min)	55	55	55	55
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	7451	7439	7312	7316
Vehs Exited	7346	7292	7122	7193
Starting Vehs	619	631	688	686
Ending Vehs	724	778	878	807
Travel Distance (mi)	10956	11002	10704	10784
Travel Time (hr)	669.9	744.2	766.6	747.6
Total Delay (hr)	360.2	434.0	464.9	443.4
Total Stops	14353	15145	15232	15334
Fuel Used (gal)	443.7	464.9	461.1	459.0

Interval #0 Information Seeding

Start Time	4:15
End Time	5:15
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB
Directions Served	T	T
Maximum Queue (ft)	262	281
Average Queue (ft)	32	31
95th Queue (ft)	147	152
Link Distance (ft)	823	823
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	SW
Directions Served	T	T	T	T	R	T	R
Maximum Queue (ft)	2124	2102	2042	1993	1960	3	52
Average Queue (ft)	1665	1635	1556	1379	855	0	11
95th Queue (ft)	2317	2281	2212	2285	2303	3	38
Link Distance (ft)	2213	2213	2213	2213	2213	147	456
Upstream Blk Time (%)	9	8	5	4	1		
Queuing Penalty (veh)	0	0	0	0	0		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 2223
------------------------------------



Interval #2 Information Recording

Start Time	5:30
End Time	5:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1992	1946	1925	2000	1997	2021	2010
Vehs Exited	1978	1947	1941	1983	1966	1971	1974
Starting Vehs	739	689	703	786	727	750	778
Ending Vehs	753	688	687	803	758	800	814
Travel Distance (mi)	2912	2940	2930	3025	2958	2914	2946
Travel Time (hr)	195.0	195.9	189.7	218.4	199.7	204.3	207.1
Total Delay (hr)	112.6	112.9	107.1	133.6	116.2	122.0	124.3
Total Stops	4374	3778	3755	4627	4305	4354	4559
Fuel Used (gal)	122.2	122.4	121.6	131.1	124.5	124.8	126.0

Interval #2 Information Recording

Start Time	5:30
End Time	5:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	2052	2057	1976	1997
Vehs Exited	1994	2027	1977	1972
Starting Vehs	684	681	729	723
Ending Vehs	742	711	728	744
Travel Distance (mi)	3027	3024	2961	2964
Travel Time (hr)	179.8	204.5	203.5	199.8
Total Delay (hr)	94.5	119.2	119.8	116.2
Total Stops	3788	4156	4017	4167
Fuel Used (gal)	121.2	127.4	124.6	124.6

Interval #1 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1995	2047	1990	2013	2039	2035	1985
Vehs Exited	1948	1981	1997	1941	1963	2039	1961
Starting Vehs	692	623	710	714	651	754	754
Ending Vehs	739	689	703	786	727	750	778
Travel Distance (mi)	2959	2999	2944	2946	2991	3007	2920
Travel Time (hr)	178.9	181.3	186.9	195.6	179.0	189.2	195.4
Total Delay (hr)	95.7	96.9	103.6	112.9	94.7	104.5	113.2
Total Stops	3870	3621	3922	4522	3805	4233	4317
Fuel Used (gal)	119.8	119.9	120.5	123.6	120.3	123.4	123.5

Interval #1 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	2081	2011	2019	2023
Vehs Exited	2016	1961	1978	1977
Starting Vehs	619	631	688	686
Ending Vehs	684	681	729	723
Travel Distance (mi)	3015	2969	2968	2972
Travel Time (hr)	170.7	184.2	190.1	185.1
Total Delay (hr)	85.0	100.4	106.4	101.3
Total Stops	3723	3730	4018	3977
Fuel Used (gal)	119.1	121.8	122.6	121.4

Interval #4 Information Recording

Start Time	6:00
End Time	6:10
Total Time (min)	10

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	1	10	2	3	4	5	6
Vehs Entered	1245	1330	1341	1403	1298	1316	1337
Vehs Exited	1200	1331	1336	1214	1294	1250	1340
Starting Vehs	744	761	765	690	849	776	834
Ending Vehs	789	760	770	879	853	842	831
Travel Distance (mi)	1797	1918	2004	1894	1885	1917	1983
Travel Time (hr)	138.8	146.2	152.9	164.1	156.8	162.7	156.1
Total Delay (hr)	88.1	91.8	96.3	110.7	103.3	108.4	100.2
Total Stops	2701	2797	3091	2842	2955	2855	2875
Fuel Used (gal)	80.1	84.9	88.7	88.7	86.3	88.6	88.5

Interval #4 Information Recording

Start Time	6:00
End Time	6:10
Total Time (min)	10

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	7	8	9	Avg
Vehs Entered	1350	1358	1377	1333
Vehs Exited	1363	1327	1239	1288
Starting Vehs	737	747	740	764
Ending Vehs	724	778	878	807
Travel Distance (mi)	2006	2040	1918	1936
Travel Time (hr)	131.9	151.6	155.8	151.7
Total Delay (hr)	75.6	94.2	101.9	97.1
Total Stops	2779	3211	3038	2910
Fuel Used (gal)	84.1	90.0	88.3	86.8

Interval #3 Information Recording

Start Time	5:45
End Time	6:00
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	1	10	2	3	4	5	6
Vehs Entered	1954	2037	2022	1871	2039	1856	1967
Vehs Exited	1963	1964	1944	1984	1948	1880	1947
Starting Vehs	753	688	687	803	758	800	814
Ending Vehs	744	761	765	690	849	776	834
Travel Distance (mi)	2887	2994	2893	2882	2958	2783	2996
Travel Time (hr)	200.3	215.6	203.6	218.2	219.2	221.2	223.1
Total Delay (hr)	118.2	131.5	122.1	136.8	135.7	142.5	139.0
Total Stops	4478	4301	4196	4118	4849	4067	4439
Fuel Used (gal)	123.4	129.3	123.7	127.5	130.8	124.8	131.4

Interval #3 Information Recording

Start Time	5:45
End Time	6:00
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	7	8	9	Avg
Vehs Entered	1968	2013	1940	1959
Vehs Exited	1973	1977	1928	1951
Starting Vehs	742	711	728	744
Ending Vehs	737	747	740	764
Travel Distance (mi)	2908	2970	2856	2913
Travel Time (hr)	187.5	203.9	217.3	211.0
Total Delay (hr)	105.1	120.1	136.7	128.8
Total Stops	4063	4048	4159	4271
Fuel Used (gal)	119.4	125.6	125.6	126.2

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	28.7	0.1	0.0	0.0	28.9
Denied Del/Veh (s)	54.0	1.3	0.0	0.0	19.8
Total Delay (hr)	29.4	5.0	15.1	23.9	73.4
Total Del/Veh (s)	55.4	55.7	46.8	44.4	49.5
Travel Time (hr)	63.4	7.9	22.6	34.2	128.1
Avg Speed (mph)	4	12	10	9	8
Vehicles Entered	1874	315	1124	1902	5215
Vehicles Exited	1878	316	1121	1902	5217
Hourly Exit Rate	2049	345	1223	2075	5691
Input Volume	2199	345	1241	2125	5910
% of Volume	93	100	99	98	96

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	1.5	0.4	0.0	0.0	0.2
Total Delay (hr)	4.9	11.0	1.6	12.0	29.5
Total Del/Veh (s)	62.4	137.4	6.6	24.4	32.9
Travel Time (hr)	6.8	13.2	4.7	24.0	48.7
Avg Speed (mph)	7	2	22	16	11
Vehicles Entered	270	277	882	1756	3185
Vehicles Exited	271	267	881	1754	3173
Hourly Exit Rate	296	291	961	1913	3461
Input Volume	296	297	972	2044	3609
% of Volume	100	98	99	94	96

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0
Total Delay (hr)	1.5	0.1	2.6	3.7	7.9
Total Del/Veh (s)	59.5	15.0	11.2	7.0	10.0
Travel Time (hr)	2.0	0.2	6.7	12.1	20.9
Avg Speed (mph)	3	7	27	29	26
Vehicles Entered	92	20	844	1858	2814
Vehicles Exited	91	20	843	1860	2814
Hourly Exit Rate	99	22	920	2029	3070
Input Volume	97	20	930	2145	3192
% of Volume	102	109	99	95	96

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.4	0.5
Denied Del/Veh (s)	3.0	0.7	0.0	0.8	0.6
Total Delay (hr)	0.4	0.7	1.5	5.2	7.7
Total Del/Veh (s)	23.5	61.5	6.5	9.7	9.8
Travel Time (hr)	0.6	0.8	4.8	9.3	15.6
Avg Speed (mph)	7	4	30	18	21
Vehicles Entered	57	38	819	1916	2830
Vehicles Exited	57	38	820	1917	2832
Hourly Exit Rate	62	41	895	2091	3089
Input Volume	63	42	940	2096	3141
% of Volume	99	99	95	100	98

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by approach

Approach	SE	NW	NE	SW	All
Denied Delay (hr)	0.0	29.7	0.0	0.0	29.7
Denied Del/Veh (s)		815.2	0.0	0.0	36.6
Total Delay (hr)	0.0	27.8	0.3	4.6	32.7
Total Del/Veh (s)		980.6	1.2	8.4	40.3
Travel Time (hr)	0.0	57.8	4.6	17.0	79.3
Avg Speed (mph)	1	0	40	32	15
Vehicles Entered	0	75	848	1942	2865
Vehicles Exited	0	70	850	1937	2857
Hourly Exit Rate	0	76	927	2113	3117
Input Volume	1	121	955	2131	3208
% of Volume	0	63	97	99	97

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	4.8	2.9	7.7
Total Del/Veh (s)	15.7	5.3	9.1
Travel Time (hr)	11.4	15.1	26.5
Avg Speed (mph)	18	28	24
Vehicles Entered	1105	1936	3041
Vehicles Exited	1103	1935	3038
Hourly Exit Rate	1203	2111	3314
Input Volume	1235	2159	3394
% of Volume	97	98	98

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by approach

Approach	EB	WB	NB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.2	0.0	0.0
Total Delay (hr)	0.9	0.7	5.6	7.2
Total Del/Veh (s)	7.0	19.6	34.0	21.7
Travel Time (hr)	1.8	1.1	14.4	17.4
Avg Speed (mph)	12	9	27	24
Vehicles Entered	474	132	576	1182
Vehicles Exited	476	131	570	1177
Hourly Exit Rate	519	143	622	1284
Input Volume	533	139	637	1309
% of Volume	97	103	98	98

11: Performance by approach

Approach	SB	NW	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.7	0.0	0.7
Total Del/Veh (s)	2.1	8.9	2.2
Travel Time (hr)	8.7	0.0	8.7
Avg Speed (mph)	41	9	41
Vehicles Entered	1107	10	1117
Vehicles Exited	1104	10	1114
Hourly Exit Rate	1204	11	1215
Input Volume	1249	11	1260
% of Volume	96	99	96

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by approach

Approach	NB	SE	NW	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.2
Total Delay (hr)	0.1	0.1	0.0	0.2
Total Del/Veh (s)	0.6	6.8	3.7	1.4
Travel Time (hr)	1.0	0.3	0.1	1.3
Avg Speed (mph)	39	10	15	32
Vehicles Entered	517	67	20	604
Vehicles Exited	517	67	20	604
Hourly Exit Rate	564	73	22	659
Input Volume	571	76	20	667
% of Volume	99	96	109	99

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0
Total Delay (hr)	0.5	0.0	1.3	1.7	3.6
Total Del/Veh (s)	40.2	6.8	5.8	3.4	4.8
Travel Time (hr)	0.8	0.0	7.9	10.0	18.8
Avg Speed (mph)	5	10	35	37	35
Vehicles Entered	49	4	831	1766	2650
Vehicles Exited	49	4	831	1764	2648
Hourly Exit Rate	53	4	907	1924	2889
Input Volume	53	5	916	2033	3007
% of Volume	101	87	99	95	96

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.2
Denied Del/Veh (s)	2.9	0.2	0.1	0.0	0.2
Total Delay (hr)	2.2	3.7	6.7	15.8	28.4
Total Del/Veh (s)	47.1	40.8	31.9	31.2	33.2
Travel Time (hr)	2.9	5.1	8.0	29.9	46.0
Avg Speed (mph)	5	6	7	20	15
Vehicles Entered	164	324	732	1802	3022
Vehicles Exited	165	325	737	1802	3029
Hourly Exit Rate	180	355	804	1966	3304
Input Volume	177	355	809	2077	3418
% of Volume	102	100	99	95	97

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by approach

Approach	EB	WB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.5	0.0	0.0	0.1
Total Delay (hr)	1.2	0.4	10.3	12.0
Total Del/Veh (s)	64.4	57.8	20.6	22.7
Travel Time (hr)	1.3	0.5	20.3	22.1
Avg Speed (mph)	2	2	14	13
Vehicles Entered	67	26	1769	1862
Vehicles Exited	68	26	1777	1871
Hourly Exit Rate	74	28	1939	2041
Input Volume	76	29	2008	2113
% of Volume	98	98	97	97

Arterial Level of Service: NB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Foreston Woods Dr	8	-	-	0.1	-
	7	7.1	34.3	0.3	35
Aquia Park Dr	6	10.4	27.5	0.2	28
	42	3.4	23.3	0.2	30
Aquia Town Center	5	7.1	19.1	0.1	23
Washington Dr	4	15.2	35.7	0.2	21
I-95 On Ramp	3	4.1	23.2	0.2	28
Coachman Circle S	2	1.2	18.9	0.2	41
	20	1.4	24.0	0.3	43
Port Aquia Dr	1	3.6	17.8	0.2	36
<b>Total</b>		<b>53.6</b>	<b>223.8</b>	<b>2.0</b>	<b>32</b>

Arterial Level of Service: SB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Port Aquia Dr	1	9.8	17.4	0.1	20
	20	6.1	20.5	0.2	31
	2	8.3	31.0	0.3	33
I-95 On Ramp	3	5.3	27.7	0.2	28
Garrisonville Road	4	61.3	78.4	0.2	8
I-95 Off Ramp	5	23.2	45.5	0.2	17
	42	4.5	16.9	0.1	26
Aquia Park Dr	6	7.2	23.0	0.2	30
Aquia Comm Center	7	3.4	20.2	0.2	38
Austin Park Dr	8	28.1	55.0	0.3	22
Jeff Davis Hwy (Rt-1)	24	10.4	22.1	0.1	13
Bells Hill Rd	9	-	-	0.2	-
	21	3.8	32.9	0.4	40
<b>Total</b>		<b>171.5</b>	<b>390.7</b>	<b>2.6</b>	<b>24</b>

24: Jeff Davis Hwy (Rt-1) Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.0	0.1	0.1
Denied Del/Veh (s)	0.0	0.1	0.1
Total Delay (hr)	1.0	4.5	5.5
Total Del/Veh (s)	5.0	9.2	8.0
Travel Time (hr)	3.9	10.5	14.5
Avg Speed (mph)	31	13	18
Vehicles Entered	729	1761	2490
Vehicles Exited	730	1761	2491
Hourly Exit Rate	796	1921	2717
Input Volume	809	2004	2813
% of Volume	98	96	97

93: Garrisonville Road Performance by approach

Approach	EB	WB	SW	All
Denied Delay (hr)	5.1	0.0	0.0	5.1
Denied Del/Veh (s)	7.3	0.0	0.4	4.1
Total Delay (hr)	149.5	0.8	0.3	150.6
Total Del/Veh (s)	206.1	1.8	2.7	116.9
Travel Time (hr)	191.1	5.9	1.7	198.7
Avg Speed (mph)	7	19	21	7
Vehicles Entered	2475	1627	392	4494
Vehicles Exited	2357	1627	394	4378
Hourly Exit Rate	2571	1775	430	4776
Input Volume	2756	1802	430	4988
% of Volume	93	98	100	96

Total Network Performance

Denied Delay (hr)	64.6
Denied Del/Veh (s)	31.2
Total Delay (hr)	378.8
Total Del/Veh (s)	170.5
Travel Time (hr)	747.6
Avg Speed (mph)	16
Vehicles Entered	7316
Vehicles Exited	7193
Hourly Exit Rate	7847
Input Volume	57401
% of Volume	14

Queuing and Blocking Report  
PM Peak

06/27/2019

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	UL	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	398	397	377	416	150	181	164	77	381	394	248	236
Average Queue (ft)	306	317	242	389	62	97	73	22	265	274	149	151
95th Queue (ft)	418	420	362	402	122	164	146	55	378	381	232	229
Link Distance (ft)	147	147	147	147		1500	1500				1017	1017
Upstream Blk Time (%)	46	44	30	60								
Queuing Penalty (veh)	252	240	164	328								
Storage Bay Dist (ft)					225			295	640	640		
Storage Blk Time (%)						0						
Queuing Penalty (veh)						0						

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	81	314	565	572	464	330
Average Queue (ft)	35	174	328	334	190	217
95th Queue (ft)	69	326	536	535	354	312
Link Distance (ft)			841	841	841	
Upstream Blk Time (%)			0	0	0	
Queuing Penalty (veh)			1	1	0	
Storage Bay Dist (ft)	910	315			575	
Storage Blk Time (%)		0	11			
Queuing Penalty (veh)		1	18			

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	L	R	T	T	R	UL	L	T	T
Maximum Queue (ft)	292	220	135	200	499	211	149	46	78	271	421	436
Average Queue (ft)	171	97	45	89	283	79	50	11	21	82	314	328
95th Queue (ft)	279	199	109	166	505	160	114	34	57	231	417	429
Link Distance (ft)	876			596	596	552	552				1017	1017
Upstream Blk Time (%)				0	0							
Queuing Penalty (veh)				0	0							
Storage Bay Dist (ft)		245	250					565	290	290		
Storage Blk Time (%)	3	0								0	11	
Queuing Penalty (veh)	3	1								1	9	

Queuing and Blocking Report  
PM Peak

06/27/2019

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	83	67	117	29	113	137	149	9	130	437	437	131
Average Queue (ft)	21	27	40	5	40	29	38	0	15	186	180	13
95th Queue (ft)	60	58	94	23	86	95	111	5	75	387	387	90
Link Distance (ft)	392		402			862	862			445	445	
Upstream Blk Time (%)										1	1	
Queuing Penalty (veh)										0	0	
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)		0	42	1	0			0	3	2	0	0
Queuing Penalty (veh)		0	2	0	0			0	1	1	0	0

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	SE	NW	NE	SW	SW	B20
Directions Served	LTR	LTR	R	LT	TR	T
Maximum Queue (ft)	11	722	10	187	185	88
Average Queue (ft)	1	680	0	42	20	3
95th Queue (ft)	7	824	6	129	109	93
Link Distance (ft)	202	699		1442	1442	862
Upstream Blk Time (%)		79				0
Queuing Penalty (veh)		0				0
Storage Bay Dist (ft)			340			
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	SB	SB	SB
Directions Served	L	T	T	T	T	TR
Maximum Queue (ft)	345	141	90	185	229	307
Average Queue (ft)	203	10	5	57	74	115
95th Queue (ft)	333	123	84	142	179	255
Link Distance (ft)		841	841	1092	1092	1092
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	365					
Storage Blk Time (%)	1	0				
Queuing Penalty (veh)	4	1				

Queuing and Blocking Report  
PM Peak

06/27/2019

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	WB	SB	SB	SB	SB
Directions Served	TR	LT	L	T	T	R
Maximum Queue (ft)	143	86	200	600	618	269
Average Queue (ft)	59	22	186	280	235	57
95th Queue (ft)	123	66	230	549	504	177
Link Distance (ft)	172	184		822	822	
Upstream Blk Time (%)	1				0	
Queuing Penalty (veh)	0				0	
Storage Bay Dist (ft)			200			270
Storage Blk Time (%)			19	8	2	0
Queuing Penalty (veh)			112	35	6	1

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB	NB
Directions Served	LT	TR	L	T	T	R
Maximum Queue (ft)	101	150	136	270	281	54
Average Queue (ft)	45	53	25	155	160	5
95th Queue (ft)	94	113	84	239	246	29
Link Distance (ft)	184	400		3535	3535	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)			165			685
Storage Blk Time (%)			0	7		
Queuing Penalty (veh)			0	1		

Intersection: 11:

Movement	NW
Directions Served	L
Maximum Queue (ft)	32
Average Queue (ft)	9
95th Queue (ft)	33
Link Distance (ft)	145
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Queuing and Blocking Report  
PM Peak

06/27/2019

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB	B42
Directions Served	LT	R	LTR	UL	T	T	R	UL	T	T	R	T
Maximum Queue (ft)	153	51	50	93	279	271	31	43	241	247	46	7
Average Queue (ft)	72	13	14	25	89	78	1	11	143	150	14	0
95th Queue (ft)	136	38	40	68	220	198	22	34	246	252	41	5
Link Distance (ft)	383	383	335		1036	1036			950	950		552
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)				300			145	270				290
Storage Blk Time (%)					0	2	0		0	0		
Queuing Penalty (veh)					0	0	0		0	0		

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	WB	NB	NB
Directions Served	LTR	LTR	LT	T
Maximum Queue (ft)	86	27	41	11
Average Queue (ft)	34	4	2	0
95th Queue (ft)	75	20	23	12
Link Distance (ft)	404	332	1709	1709
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	R	UL	T	T	R
Maximum Queue (ft)	198	110	320	120	217	339	334	160	260	549	545	326
Average Queue (ft)	70	75	170	52	54	179	182	16	209	306	296	47
95th Queue (ft)	156	126	285	98	137	334	334	86	297	527	511	228
Link Distance (ft)	422		506	506		342	342			1709	1709	
Upstream Blk Time (%)						0	0	0				
Queuing Penalty (veh)						2	1	0				
Storage Bay Dist (ft)		110			250			340	260			400
Storage Blk Time (%)	2	6			0	6	0	0	2	7	2	0
Queuing Penalty (veh)	2	4			0	3	0	0	19	20	3	1

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	4:15	4:15	4:15	4:15	4:15	4:15	4:15
End Time	6:10	6:10	6:10	6:10	6:10	6:10	6:10
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	7186	7360	7278	7287	7373	7228	7299
Vehs Exited	7089	7223	7218	7122	7171	7140	7222
Starting Vehs	692	623	710	714	651	754	754
Ending Vehs	789	760	770	879	853	842	831
Travel Distance (mi)	10555	10851	10771	10748	10791	10621	10845
Travel Time (hr)	713.0	738.9	733.1	796.3	754.7	777.4	781.8
Total Delay (hr)	414.6	433.1	429.2	494.0	449.9	477.5	476.7
Total Stops	15423	14497	14964	16109	15914	15509	16190
Fuel Used (gal)	445.5	456.5	454.6	471.0	461.8	461.5	469.4

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	4:15	4:15	4:15	4:15
End Time	6:10	6:10	6:10	6:10
Total Time (min)	115	115	115	115
Time Recorded (min)	55	55	55	55
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	7451	7439	7312	7316
Vehs Exited	7346	7292	7122	7193
Starting Vehs	619	631	688	686
Ending Vehs	724	778	878	807
Travel Distance (mi)	10956	11002	10704	10784
Travel Time (hr)	669.9	744.2	766.6	747.6
Total Delay (hr)	360.2	434.0	464.9	443.4
Total Stops	14353	15145	15232	15334
Fuel Used (gal)	443.7	464.9	461.1	459.0

Interval #0 Information Seeding

Start Time	4:15
End Time	5:15
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	SE	NW
Directions Served	LT	TR
Maximum Queue (ft)	57	30
Average Queue (ft)	26	12
95th Queue (ft)	46	33
Link Distance (ft)	145	259
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	R	R
Maximum Queue (ft)	16	15	105	38
Average Queue (ft)	1	1	7	2
95th Queue (ft)	12	10	55	23
Link Distance (ft)	822	822	342	342
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	2566	2600	2629	2668	2646	11	17	117
Average Queue (ft)	1936	2161	2239	2309	2219	0	1	36
95th Queue (ft)	3060	2900	2870	2931	2988	9	12	87
Link Distance (ft)	2770	2770	2770	2770	2770	147	147	456
Upstream Blk Time (%)	2	7	11	14	6			
Queuing Penalty (veh)	0	0	0	0	0			
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 1238
------------------------------------



Interval #2 Information Recording

Start Time	5:30
End Time	5:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1992	1946	1925	2000	1997	2021	2010
Vehs Exited	1978	1947	1941	1983	1966	1971	1974
Starting Vehs	739	689	703	786	727	750	778
Ending Vehs	753	688	687	803	758	800	814
Travel Distance (mi)	2912	2940	2930	3025	2958	2914	2946
Travel Time (hr)	195.0	195.9	189.7	218.4	199.7	204.3	207.1
Total Delay (hr)	112.6	112.9	107.1	133.6	116.2	122.0	124.3
Total Stops	4374	3778	3755	4627	4305	4354	4559
Fuel Used (gal)	122.2	122.4	121.6	131.1	124.5	124.8	126.0

Interval #2 Information Recording

Start Time	5:30
End Time	5:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	2052	2057	1976	1997
Vehs Exited	1994	2027	1977	1972
Starting Vehs	684	681	729	723
Ending Vehs	742	711	728	744
Travel Distance (mi)	3027	3024	2961	2964
Travel Time (hr)	179.8	204.5	203.5	199.8
Total Delay (hr)	94.5	119.2	119.8	116.2
Total Stops	3788	4156	4017	4167
Fuel Used (gal)	121.2	127.4	124.6	124.6

Interval #1 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1995	2047	1990	2013	2039	2035	1985
Vehs Exited	1948	1981	1997	1941	1963	2039	1961
Starting Vehs	692	623	710	714	651	754	754
Ending Vehs	739	689	703	786	727	750	778
Travel Distance (mi)	2959	2999	2944	2946	2991	3007	2920
Travel Time (hr)	178.9	181.3	186.9	195.6	179.0	189.2	195.4
Total Delay (hr)	95.7	96.9	103.6	112.9	94.7	104.5	113.2
Total Stops	3870	3621	3922	4522	3805	4233	4317
Fuel Used (gal)	119.8	119.9	120.5	123.6	120.3	123.4	123.5

Interval #1 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	2081	2011	2019	2023
Vehs Exited	2016	1961	1978	1977
Starting Vehs	619	631	688	686
Ending Vehs	684	681	729	723
Travel Distance (mi)	3015	2969	2968	2972
Travel Time (hr)	170.7	184.2	190.1	185.1
Total Delay (hr)	85.0	100.4	106.4	101.3
Total Stops	3723	3730	4018	3977
Fuel Used (gal)	119.1	121.8	122.6	121.4

Interval #4 Information Recording

Start Time	6:00
End Time	6:10
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1245	1330	1341	1403	1298	1316	1337
Vehs Exited	1200	1331	1336	1214	1294	1250	1340
Starting Vehs	744	761	765	690	849	776	834
Ending Vehs	789	760	770	879	853	842	831
Travel Distance (mi)	1797	1918	2004	1894	1885	1917	1983
Travel Time (hr)	138.8	146.2	152.9	164.1	156.8	162.7	156.1
Total Delay (hr)	88.1	91.8	96.3	110.7	103.3	108.4	100.2
Total Stops	2701	2797	3091	2842	2955	2855	2875
Fuel Used (gal)	80.1	84.9	88.7	88.7	86.3	88.6	88.5

Interval #4 Information Recording

Start Time	6:00
End Time	6:10
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1350	1358	1377	1333
Vehs Exited	1363	1327	1239	1288
Starting Vehs	737	747	740	764
Ending Vehs	724	778	878	807
Travel Distance (mi)	2006	2040	1918	1936
Travel Time (hr)	131.9	151.6	155.8	151.7
Total Delay (hr)	75.6	94.2	101.9	97.1
Total Stops	2779	3211	3038	2910
Fuel Used (gal)	84.1	90.0	88.3	86.8

Interval #3 Information Recording

Start Time	5:45
End Time	6:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1954	2037	2022	1871	2039	1856	1967
Vehs Exited	1963	1964	1944	1984	1948	1880	1947
Starting Vehs	753	688	687	803	758	800	814
Ending Vehs	744	761	765	690	849	776	834
Travel Distance (mi)	2887	2994	2893	2882	2958	2783	2996
Travel Time (hr)	200.3	215.6	203.6	218.2	219.2	221.2	223.1
Total Delay (hr)	118.2	131.5	122.1	136.8	135.7	142.5	139.0
Total Stops	4478	4301	4196	4118	4849	4067	4439
Fuel Used (gal)	123.4	129.3	123.7	127.5	130.8	124.8	131.4

Interval #3 Information Recording

Start Time	5:45
End Time	6:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1968	2013	1940	1959
Vehs Exited	1973	1977	1928	1951
Starting Vehs	742	711	728	744
Ending Vehs	737	747	740	764
Travel Distance (mi)	2908	2970	2856	2913
Travel Time (hr)	187.5	203.9	217.3	211.0
Total Delay (hr)	105.1	120.1	136.7	128.8
Total Stops	4063	4048	4159	4271
Fuel Used (gal)	119.4	125.6	125.6	126.2

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	4.1	0.7	2.8	0.1	7.7
Total Del/Veh (s)	56.3	3.1	5.3	5.7	9.1
Travel Time (hr)	5.8	5.7	14.8	0.3	26.5
Avg Speed (mph)	8	28	28	25	24
Vehicles Entered	259	846	1905	31	3041
Vehicles Exited	258	845	1904	31	3038
Hourly Exit Rate	281	922	2077	34	3314
Input Volume	284	951	2126	33	3394
% of Volume	99	97	98	102	98

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Denied Delay (hr)	0.0	8.1	6.6	14.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	52.9	48.0	58.4	2.9	0.1	3.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	10.3	7.7	11.3	1.1	3.7	0.3	10.6	4.3	0.2	3.8	14.8
Total Del/Veh (s)	112.6	67.4	56.7	47.0	62.0	70.7	12.3	69.7	30.0	8.6	94.6	61.3
Travel Time (hr)	0.1	19.8	15.3	28.2	1.7	5.2	1.0	14.2	7.4	1.0	4.6	19.0
Avg Speed (mph)	2	3	4	5	11	10	22	8	14	21	5	8
Vehicles Entered	4	539	483	848	62	181	72	524	498	102	142	846
Vehicles Exited	4	542	484	848	62	181	73	523	496	102	144	847
Hourly Exit Rate	4	591	528	925	68	197	80	571	541	111	157	924
Input Volume	5	614	550	1030	69	199	77	574	552	115	165	946
% of Volume	87	96	96	90	98	99	103	99	98	97	95	98

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	SBR	All
Denied Delay (hr)	0.0	28.9
Denied Del/Veh (s)	0.0	19.8
Total Delay (hr)	5.3	73.4
Total Del/Veh (s)	20.5	49.5
Travel Time (hr)	10.6	128.1
Avg Speed (mph)	14	8
Vehicles Entered	914	5215
Vehicles Exited	911	5217
Hourly Exit Rate	994	5691
Input Volume	1014	5910
% of Volume	98	96

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0
Denied Del/Veh (s)	0.2	4.1	0.1	0.1	4.3	0.0	0.0	0.0	0.0	1.8	0.8	2.0
Total Delay (hr)	0.3	0.1	0.6	0.0	0.0	0.1	0.6	0.8	0.0	0.1	5.1	0.0
Total Del/Veh (s)	65.7	7.1	66.1	68.2	29.7	49.3	44.5	3.6	1.7	11.0	9.8	3.8
Travel Time (hr)	0.3	0.3	0.7	0.0	0.1	0.1	0.9	3.7	0.0	0.1	9.1	0.2
Avg Speed (mph)	3	14	3	3	7	10	10	35	31	15	18	19
Vehicles Entered	16	41	31	2	5	6	51	754	8	19	1865	32
Vehicles Exited	16	41	31	2	5	6	51	755	8	19	1866	32
Hourly Exit Rate	17	45	34	2	5	7	56	824	9	21	2036	35
Input Volume	17	46	36	1	5	7	56	868	9	19	2041	36
% of Volume	103	97	94	218	109	94	99	95	97	109	100	97

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement

Movement	All
Denied Delay (hr)	0.5
Denied Del/Veh (s)	0.6
Total Delay (hr)	7.7
Total Del/Veh (s)	9.8
Travel Time (hr)	15.6
Avg Speed (mph)	21
Vehicles Entered	2830
Vehicles Exited	2832
Hourly Exit Rate	3089
Input Volume	3141
% of Volume	98

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by movement

Movement	SET	NWL	NWR	NET	NER	SWL	SWT	All
Denied Delay (hr)	0.0	19.1	10.5	0.0	0.0	0.0	0.0	29.7
Denied Del/Veh (s)		829.5	790.6	0.0	0.1	0.0	0.0	36.6
Total Delay (hr)	0.0	17.9	9.9	0.3	0.0	0.1	4.4	32.7
Total Del/Veh (s)		976.8	960.7	1.2	1.1	12.2	8.3	40.3
Travel Time (hr)	0.0	37.2	20.6	4.2	0.3	0.5	16.5	79.3
Avg Speed (mph)	1	0	0	41	33	26	33	15
Vehicles Entered	0	47	28	797	51	43	1899	2865
Vehicles Exited	0	44	26	799	51	43	1894	2857
Hourly Exit Rate	0	48	28	872	56	47	2066	3117
Input Volume	1	76	45	898	57	48	2083	3208
% of Volume	0	63	63	97	98	98	99	97

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.1		0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	0.4	0.0	0.0	0.0	1.3	0.0	1.7	3.6
Total Del/Veh (s)	63.2	33.4		6.0	18.1	5.8	3.7	3.4	4.8
Travel Time (hr)	0.2	0.6	0.0	0.0	0.0	7.9	0.0	10.0	18.8
Avg Speed (mph)	3	5	10	10	26	35	32	37	35
Vehicles Entered	10	39	0	4	1	828	2	1766	2650
Vehicles Exited	10	39	0	4	1	828	2	1764	2648
Hourly Exit Rate	11	43	0	4	1	903	2	1924	2889
Input Volume	10	43	1	4	2	912	2	2033	3007
% of Volume	109	99	0	109	55	99	109	95	96

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBU	SBL	SBT
Denied Delay (hr)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.4	0.5	3.9	0.3	0.3	0.2	0.0	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	0.7	0.2	1.3	3.0	0.3	0.4	0.9	5.7	0.0	0.1	3.7	11.7
Total Del/Veh (s)	68.0	60.6	38.6	64.6	67.8	10.8	73.7	31.0	3.3	56.7	58.3	28.4
Travel Time (hr)	0.9	0.2	1.8	3.7	0.4	1.1	1.0	6.8	0.2	0.1	5.6	22.9
Avg Speed (mph)	4	4	6	4	4	13	3	7	19	14	14	22
Vehicles Entered	37	11	116	164	16	144	43	646	43	4	227	1465
Vehicles Exited	37	11	117	164	16	145	43	651	43	4	227	1465
Hourly Exit Rate	40	12	128	179	17	158	47	710	47	4	248	1598
Input Volume	44	13	120	178	18	159	45	716	48	4	261	1688
% of Volume	92	92	106	101	97	99	104	99	98	109	95	95

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	SBR	All
Denied Delay (hr)	0.0	0.2
Denied Del/Veh (s)	0.0	0.2
Total Delay (hr)	0.3	28.4
Total Del/Veh (s)	10.6	33.2
Travel Time (hr)	1.3	46.0
Avg Speed (mph)	28	15
Vehicles Entered	106	3022
Vehicles Exited	106	3029
Hourly Exit Rate	116	3304
Input Volume	124	3418
% of Volume	93	97

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBT	NBR	SBU	SBL	SBT	All
Denied Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.5	3.7	3.6	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.2
Total Delay (hr)	3.3	0.9	0.6	2.5	8.6	1.6	0.0	0.0	1.4	10.6	29.5
Total Del/Veh (s)	63.0	61.4	60.6	63.3	206.9	7.1	1.4	73.9	73.0	22.3	32.9
Travel Time (hr)	4.6	1.3	0.9	3.5	9.7	4.3	0.4	0.0	1.9	22.0	48.7
Avg Speed (mph)	7	7	7	4	2	22	25	8	8	16	11
Vehicles Entered	181	52	37	135	142	802	80	1	68	1687	3185
Vehicles Exited	183	51	37	134	133	801	80	1	68	1685	3173
Hourly Exit Rate	200	56	40	146	145	874	87	1	74	1838	3461
Input Volume	202	56	38	146	151	881	91	2	81	1961	3609
% of Volume	99	99	106	100	96	99	96	55	92	94	96

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by movement

Movement	EBL	EBR	WBL	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.4	0.1	0.0	0.0	0.0	0.3	2.3	0.0	0.0	0.1	3.5	0.1
Total Del/Veh (s)	68.3	21.9	63.9	9.6	26.4	28.7	10.3	4.6	4.2	10.5	7.2	3.4
Travel Time (hr)	1.8	0.2	0.0	0.1	0.1	0.5	6.1	0.0	0.0	0.2	11.2	0.6
Avg Speed (mph)	3	7	3	9	15	15	28	29	27	23	30	28
Vehicles Entered	73	19	2	18	4	37	799	4	1	26	1744	87
Vehicles Exited	73	18	2	18	4	36	799	4	1	27	1744	88
Hourly Exit Rate	80	20	2	20	4	39	872	4	1	29	1903	96
Input Volume	78	19	3	17	4	41	881	4	1	34	2008	102
% of Volume	102	103	73	116	109	96	99	109	109	87	95	94

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	7.9
Total Del/Veh (s)	10.0
Travel Time (hr)	20.9
Avg Speed (mph)	26
Vehicles Entered	2814
Vehicles Exited	2814
Hourly Exit Rate	3070
Input Volume	3192
% of Volume	96

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by movement

Movement	NBL	NBT	NBR	SEL	SET	NWT	NWR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.3	0.1	3.2	0.0	0.0	0.1	0.1	0.2
Total Delay (hr)	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.2
Total Del/Veh (s)	0.9	0.6	0.2	6.4	7.7	7.8	3.0	1.4
Travel Time (hr)	0.0	0.9	0.0	0.2	0.1	0.0	0.1	1.3
Avg Speed (mph)	25	40	24	10	9	13	15	32
Vehicles Entered	7	500	10	47	20	3	17	604
Vehicles Exited	7	500	10	47	20	3	17	604
Hourly Exit Rate	8	545	11	51	22	3	19	659
Input Volume	8	552	11	56	20	3	17	667
% of Volume	95	99	99	92	109	109	109	99

24: Jeff Davis Hwy (Rt-1) Performance by movement

Movement	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.1	0.1
Denied Del/Veh (s)	0.0	0.0	0.1	0.1
Total Delay (hr)	1.0	0.0	4.5	5.5
Total Del/Veh (s)	5.0	6.4	9.3	8.0
Travel Time (hr)	3.9	0.0	10.5	14.5
Avg Speed (mph)	31	15	13	18
Vehicles Entered	729	14	1747	2490
Vehicles Exited	730	14	1747	2491
Hourly Exit Rate	796	15	1906	2717
Input Volume	809	18	1986	2813
% of Volume	98	85	96	97

93: Garrisonville Road Performance by movement

Movement	EBT	EBR	WBT	SWR	All
Denied Delay (hr)	4.0	1.1	0.0	0.0	5.1
Denied Del/Veh (s)	7.2	7.4	0.0	0.4	4.1
Total Delay (hr)	131.1	18.4	0.8	0.3	150.6
Total Del/Veh (s)	226.0	126.1	1.8	2.7	116.9
Travel Time (hr)	163.7	27.4	5.9	1.7	198.7
Avg Speed (mph)	6	10	19	21	7
Vehicles Entered	1966	509	1627	392	4494
Vehicles Exited	1874	483	1627	394	4378
Hourly Exit Rate	2044	527	1775	430	4776
Input Volume	2176	580	1802	430	4988
% of Volume	94	91	98	100	96

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by movement

Movement	EBT	EBR	WBL	WBT	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.5	1.3	0.0	0.0	0.1	0.0	0.1	0.1
Total Delay (hr)	1.2	0.0	0.3	0.1	4.9	4.7	0.7	12.0
Total Del/Veh (s)	65.7	36.2	58.2	64.2	42.8	15.5	8.2	22.7
Travel Time (hr)	1.3	0.0	0.3	0.2	7.5	10.4	2.5	22.1
Avg Speed (mph)	2	2	2	2	9	17	19	13
Vehicles Entered	64	3	18	8	399	1086	284	1862
Vehicles Exited	65	3	18	8	408	1086	283	1871
Hourly Exit Rate	71	3	20	9	445	1185	309	2041
Input Volume	74	2	21	8	459	1232	317	2113
% of Volume	96	164	94	109	97	96	97	97

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by movement

Movement	EBL	EBT	WBT	WBR	NBL	NBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.2	0.2	1.1	0.0	1.3	0.0
Total Delay (hr)	0.1	0.8	0.2	0.5	0.3	5.2	0.0	7.2
Total Del/Veh (s)	7.2	7.0	62.7	15.7	78.0	33.1	7.4	21.7
Travel Time (hr)	0.3	1.6	0.2	0.9	0.6	13.7	0.1	17.4
Avg Speed (mph)	11	12	4	10	16	27	35	24
Vehicles Entered	62	412	11	121	15	555	6	1182
Vehicles Exited	62	414	11	120	15	549	6	1177
Hourly Exit Rate	68	452	12	131	16	599	7	1284
Input Volume	71	462	11	128	18	614	5	1309
% of Volume	95	98	109	102	91	98	131	98

11: Performance by movement

Movement	SBL	SBT	NWL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	0.0
Total Delay (hr)	0.0	0.6	0.0	0.7
Total Del/Veh (s)	1.8	2.2	8.0	2.2
Travel Time (hr)	0.6	8.1	0.0	8.7
Avg Speed (mph)	37	41	9	41
Vehicles Entered	67	1040	10	1117
Vehicles Exited	67	1037	10	1114
Hourly Exit Rate	73	1131	11	1215
Input Volume	76	1173	11	1260
% of Volume	96	96	99	96

Arterial Level of Service: NB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Foreston Woods Dr	8	-	-	0.1	-
	7	7.1	34.3	0.3	35
Aquia Park Dr	6	10.4	27.5	0.2	28
	42	3.4	23.3	0.2	30
Aquia Town Center	5	7.1	19.1	0.1	23
Washington Dr	4	15.2	35.7	0.2	21
I-95 On Ramp	3	4.1	23.2	0.2	28
Coachman Circle S	2	1.2	18.9	0.2	41
	20	1.4	24.0	0.3	43
Port Aquia Dr	1	3.6	17.8	0.2	36
Total		53.6	223.8	2.0	32

Arterial Level of Service: SB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Port Aquia Dr	1	9.8	17.4	0.1	20
	20	6.1	20.5	0.2	31
	2	8.3	31.0	0.3	33
I-95 On Ramp	3	5.3	27.7	0.2	28
Garrisonville Road	4	61.3	78.4	0.2	8
I-95 Off Ramp	5	23.2	45.5	0.2	17
	42	4.5	16.9	0.1	26
Aquia Park Dr	6	7.2	23.0	0.2	30
Aquia Comm Center	7	3.4	20.2	0.2	38
Austin Park Dr	8	28.1	55.0	0.3	22
Jeff Davis Hwy (Rt-1)	24	10.4	22.1	0.1	13
Bells Hill Rd	9	-	-	0.2	-
	21	3.8	32.9	0.4	40
Total		171.5	390.7	2.6	24

Total Network Performance

Denied Delay (hr)	64.6
Denied Del/Veh (s)	31.2
Total Delay (hr)	378.8
Total Del/Veh (s)	170.5
Travel Time (hr)	747.6
Avg Speed (mph)	16
Vehicles Entered	7316
Vehicles Exited	7193
Hourly Exit Rate	7847
Input Volume	57401
% of Volume	14

Queuing and Blocking Report  
PM Peak

06/27/2019

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	UL	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	398	397	377	416	150	181	164	77	381	394	248	236
Average Queue (ft)	306	317	242	389	62	97	73	22	265	274	149	151
95th Queue (ft)	418	420	362	402	122	164	146	55	378	381	232	229
Link Distance (ft)	147	147	147	147		1500	1500				1017	1017
Upstream Blk Time (%)	46	44	30	60								
Queuing Penalty (veh)	252	240	164	328								
Storage Bay Dist (ft)					225			295	640	640		
Storage Blk Time (%)						0						
Queuing Penalty (veh)						0						

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	81	314	565	572	464	330
Average Queue (ft)	35	174	328	334	190	217
95th Queue (ft)	69	326	536	535	354	312
Link Distance (ft)			841	841	841	
Upstream Blk Time (%)			0	0	0	
Queuing Penalty (veh)			1	1	0	
Storage Bay Dist (ft)	910	315			575	
Storage Blk Time (%)		0	11			
Queuing Penalty (veh)		1	18			

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	TR	L	L	R	T	T	R	UL	L	T	T
Maximum Queue (ft)	292	220	135	200	499	211	149	46	78	271	421	436
Average Queue (ft)	171	97	45	89	283	79	50	11	21	82	314	328
95th Queue (ft)	279	199	109	166	505	160	114	34	57	231	417	429
Link Distance (ft)	876			596	596	552	552				1017	1017
Upstream Blk Time (%)				0	0							
Queuing Penalty (veh)				0	0							
Storage Bay Dist (ft)		245	250					565	290	290		
Storage Blk Time (%)	3	0								0	11	
Queuing Penalty (veh)	3	1								1	9	

Queuing and Blocking Report  
PM Peak

06/27/2019

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	83	67	117	29	113	137	149	9	130	437	437	131
Average Queue (ft)	21	27	40	5	40	29	38	0	15	186	180	13
95th Queue (ft)	60	58	94	23	86	95	111	5	75	387	387	90
Link Distance (ft)	392		402			862	862			445	445	
Upstream Blk Time (%)										1	1	
Queuing Penalty (veh)										0	0	
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)		0	42	1		0			0	3	2	0
Queuing Penalty (veh)		0	2	0		0			0	1	1	0

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	SE	NW	NE	SW	SW	B20
Directions Served	LTR	LTR	R	LT	TR	T
Maximum Queue (ft)	11	722	10	187	185	88
Average Queue (ft)	1	680	0	42	20	3
95th Queue (ft)	7	824	6	129	109	93
Link Distance (ft)	202	699		1442	1442	862
Upstream Blk Time (%)		79				0
Queuing Penalty (veh)		0				0
Storage Bay Dist (ft)			340			
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	SB	SB	SB
Directions Served	L	T	T	T	T	TR
Maximum Queue (ft)	345	141	90	185	229	307
Average Queue (ft)	203	10	5	57	74	115
95th Queue (ft)	333	123	84	142	179	255
Link Distance (ft)		841	841	1092	1092	1092
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	365					
Storage Blk Time (%)	1	0				
Queuing Penalty (veh)	4	1				

Queuing and Blocking Report  
PM Peak

06/27/2019

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	WB	SB	SB	SB	SB
Directions Served	TR	LT	L	T	T	R
Maximum Queue (ft)	143	86	200	600	618	269
Average Queue (ft)	59	22	186	280	235	57
95th Queue (ft)	123	66	230	549	504	177
Link Distance (ft)	172	184		822	822	
Upstream Blk Time (%)	1				0	
Queuing Penalty (veh)	0				0	
Storage Bay Dist (ft)			200			270
Storage Blk Time (%)			19	8	2	0
Queuing Penalty (veh)			112	35	6	1

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB	NB
Directions Served	LT	TR	L	T	T	R
Maximum Queue (ft)	101	150	136	270	281	54
Average Queue (ft)	45	53	25	155	160	5
95th Queue (ft)	94	113	84	239	246	29
Link Distance (ft)	184	400		3535	3535	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)			165			685
Storage Blk Time (%)			0	7		
Queuing Penalty (veh)			0	1		

Intersection: 11:

Movement	NW
Directions Served	L
Maximum Queue (ft)	32
Average Queue (ft)	9
95th Queue (ft)	33
Link Distance (ft)	145
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Queuing and Blocking Report  
PM Peak

06/27/2019

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB	B42
Directions Served	LT	R	LTR	UL	T	T	R	UL	T	T	R	T
Maximum Queue (ft)	153	51	50	93	279	271	31	43	241	247	46	7
Average Queue (ft)	72	13	14	25	89	78	1	11	143	150	14	0
95th Queue (ft)	136	38	40	68	220	198	22	34	246	252	41	5
Link Distance (ft)	383	383	335		1036	1036			950	950		552
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)				300			145	270				290
Storage Blk Time (%)					0	2	0		0	0		
Queuing Penalty (veh)					0	0	0		0	0		

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	WB	NB	NB
Directions Served	LTR	LTR	LT	T
Maximum Queue (ft)	86	27	41	11
Average Queue (ft)	34	4	2	0
95th Queue (ft)	75	20	23	12
Link Distance (ft)	404	332	1709	1709
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	R	UL	T	T	R
Maximum Queue (ft)	198	110	320	120	217	339	334	160	260	549	545	326
Average Queue (ft)	70	75	170	52	54	179	182	16	209	306	296	47
95th Queue (ft)	156	126	285	98	137	334	334	86	297	527	511	228
Link Distance (ft)	422		506	506		342	342			1709	1709	
Upstream Blk Time (%)						0	0	0				
Queuing Penalty (veh)						2	1	0				
Storage Bay Dist (ft)		110			250			340	260			400
Storage Blk Time (%)	2	6			0	6	0	0	2	7	2	0
Queuing Penalty (veh)	2	4			0	3	0	0	19	20	3	1



Summary of All Intervals

Run Number	1	10	11	12	13	14	15
Start Time	11:30	11:30	11:30	11:30	11:30	11:30	11:30
End Time	1:25	1:25	1:25	1:25	1:25	1:25	1:25
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6337	6325	6399	6274	6347	6183	6308
Vehs Exited	6286	6300	6408	6277	6339	6178	6316
Starting Vehs	274	315	302	321	334	330	297
Ending Vehs	325	340	293	318	342	335	289
Travel Distance (mi)	4264	4283	4355	4248	4302	4185	4267
Travel Time (hr)	325.2	377.5	322.1	321.6	439.2	468.8	308.4
Total Delay (hr)	189.8	241.8	184.0	187.2	302.8	335.7	173.2
Total Stops	7004	7815	6077	7984	8399	7589	5761
Fuel Used (gal)	183.6	198.3	186.7	183.4	212.2	215.7	180.2

Summary of All Intervals

Run Number	16	17	18	19	2	20	3
Start Time	11:30	11:30	11:30	11:30	11:30	11:30	11:30
End Time	1:25	1:25	1:25	1:25	1:25	1:25	1:25
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6334	6189	6320	6338	6174	6447	6180
Vehs Exited	6352	6230	6306	6286	6135	6391	6232
Starting Vehs	326	284	286	280	268	266	302
Ending Vehs	308	243	300	332	307	322	250
Travel Distance (mi)	4298	4209	4281	4285	4164	4369	4222
Travel Time (hr)	288.1	294.4	334.4	335.5	325.6	266.0	284.4
Total Delay (hr)	151.8	160.6	198.7	199.8	193.7	127.5	150.7
Total Stops	6991	5589	8428	7267	7724	6008	6047
Fuel Used (gal)	175.9	174.3	187.8	186.6	181.9	172.4	173.7

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	SE	NW
Directions Served	LT	TR
Maximum Queue (ft)	57	30
Average Queue (ft)	26	12
95th Queue (ft)	46	33
Link Distance (ft)	145	259
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	R	R
Maximum Queue (ft)	16	15	105	38
Average Queue (ft)	1	1	7	2
95th Queue (ft)	12	10	55	23
Link Distance (ft)	822	822	342	342
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	2566	2600	2629	2668	2646	11	17	117
Average Queue (ft)	1936	2161	2239	2309	2219	0	1	36
95th Queue (ft)	3060	2900	2870	2931	2988	9	12	87
Link Distance (ft)	2770	2770	2770	2770	2770	147	147	456
Upstream Blk Time (%)	2	7	11	14	6			
Queuing Penalty (veh)	0	0	0	0	0			
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 1238

SimTraffic Simulation Summary  
Weekend Peak

06/28/2019

Interval #1 Information Recording

Start Time	12:30
End Time	12:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	11	12	13	14	15
Vehs Entered	1728	1734	1712	1702	1688	1634	1784
Vehs Exited	1721	1702	1743	1676	1715	1665	1791
Starting Vehs	274	315	302	321	334	330	297
Ending Vehs	281	347	271	347	307	299	290
Travel Distance (mi)	1169	1158	1178	1138	1145	1121	1211
Travel Time (hr)	78.8	79.8	81.1	84.8	103.1	107.3	89.0
Total Delay (hr)	41.6	43.3	43.8	48.9	66.7	71.7	50.7
Total Stops	1691	2013	1560	2129	2263	2063	1784
Fuel Used (gal)	47.9	48.0	49.0	48.6	53.3	53.4	51.6

Interval #1 Information Recording

Start Time	12:30
End Time	12:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	16	17	18	19	2	20	3
Vehs Entered	1752	1663	1716	1789	1727	1736	1661
Vehs Exited	1749	1720	1704	1750	1659	1734	1680
Starting Vehs	326	284	286	280	268	266	302
Ending Vehs	329	227	298	319	336	268	283
Travel Distance (mi)	1179	1142	1159	1199	1140	1183	1146
Travel Time (hr)	81.6	78.0	83.0	79.5	79.4	72.5	87.0
Total Delay (hr)	44.4	41.6	46.3	41.6	43.4	35.0	50.7
Total Stops	2169	1460	2288	1761	1978	1653	1973
Fuel Used (gal)	48.9	46.9	48.9	49.0	47.7	46.6	49.5

Interval #1 Information Recording

Start Time	12:30
End Time	12:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	4	5	6	7	8	9	Avg
Vehs Entered	1757	1708	1804	1777	1652	1731	1722
Vehs Exited	1767	1692	1744	1752	1705	1725	1719
Starting Vehs	310	325	281	361	305	262	301
Ending Vehs	300	341	341	386	252	268	305
Travel Distance (mi)	1194	1142	1203	1206	1142	1177	1166
Travel Time (hr)	81.6	83.9	89.5	118.8	78.1	68.1	85.3
Total Delay (hr)	43.7	47.5	51.6	80.7	42.0	30.9	48.3
Total Stops	1896	2290	1951	2517	1457	1574	1924
Fuel Used (gal)	49.3	48.8	51.5	59.1	47.0	46.0	49.6

SimTraffic Simulation Summary  
Weekend Peak

06/28/2019

Summary of All Intervals

Run Number	4	5	6	7	8	9	Avg
Start Time	11:30	11:30	11:30	11:30	11:30	11:30	11:30
End Time	1:25	1:25	1:25	1:25	1:25	1:25	1:25
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6344	6250	6341	6391	6269	6298	6302
Vehs Exited	6298	6293	6279	6403	6297	6299	6293
Starting Vehs	310	325	281	361	305	262	301
Ending Vehs	356	282	343	349	277	261	310
Travel Distance (mi)	4274	4258	4284	4362	4253	4281	4272
Travel Time (hr)	312.1	333.0	380.9	456.5	285.2	268.5	336.4
Total Delay (hr)	176.6	197.8	245.3	318.1	150.5	132.7	200.9
Total Stops	7066	8070	7951	9004	5410	5861	7100
Fuel Used (gal)	182.1	186.9	198.8	219.7	174.5	171.0	187.3

Interval #0 Information Seeding

Start Time	11:30
End Time	12:30
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

SimTraffic Simulation Summary  
Weekend Peak

06/28/2019

Interval #3 Information Recording

Start Time	1:00
End Time	1:15
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	11	12	13	14	15
Vehs Entered	1708	1741	1822	1753	1662	1635	1652
Vehs Exited	1672	1752	1782	1762	1681	1660	1692
Starting Vehs	293	350	296	326	345	315	300
Ending Vehs	329	339	336	317	326	290	260
Travel Distance (mi)	1127	1179	1209	1184	1142	1103	1130
Travel Time (hr)	92.1	107.1	92.8	83.7	131.5	139.6	83.6
Total Delay (hr)	56.1	69.7	54.4	46.1	95.4	104.3	47.7
Total Stops	1954	2150	1735	2158	2267	1987	1513
Fuel Used (gal)	49.5	55.6	52.7	49.6	59.8	60.6	48.2

Interval #3 Information Recording

Start Time	1:00
End Time	1:15
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	16	17	18	19	2	20	3
Vehs Entered	1719	1633	1701	1658	1742	1764	1724
Vehs Exited	1728	1688	1701	1635	1674	1779	1719
Starting Vehs	280	289	323	303	268	255	248
Ending Vehs	271	234	323	326	336	240	253
Travel Distance (mi)	1176	1126	1149	1112	1150	1191	1157
Travel Time (hr)	76.5	81.7	96.7	97.9	85.1	69.9	73.7
Total Delay (hr)	39.2	45.8	60.2	62.7	48.7	32.1	37.1
Total Stops	1762	1547	2158	2118	2256	1563	1510
Fuel Used (gal)	47.4	47.3	52.0	51.0	49.0	46.4	46.8

Interval #3 Information Recording

Start Time	1:00
End Time	1:15
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	4	5	6	7	8	9	Avg
Vehs Entered	1681	1685	1675	1640	1732	1708	1703
Vehs Exited	1661	1726	1686	1696	1737	1691	1706
Starting Vehs	312	342	338	413	271	278	304
Ending Vehs	332	301	327	357	266	295	303
Travel Distance (mi)	1124	1164	1131	1146	1167	1144	1151
Travel Time (hr)	81.0	98.5	110.5	126.1	76.0	74.7	93.9
Total Delay (hr)	45.3	61.6	74.6	89.6	39.0	38.3	57.4
Total Stops	1756	2245	2296	2202	1429	1565	1908
Fuel Used (gal)	47.4	52.6	54.9	59.2	47.2	46.3	51.2

SimTraffic Simulation Summary  
Weekend Peak

06/28/2019

Interval #2 Information Recording

Start Time	12:45
End Time	1:00
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	11	12	13	14	15
Vehs Entered	1767	1711	1757	1737	1805	1676	1721
Vehs Exited	1755	1708	1732	1758	1767	1660	1711
Starting Vehs	281	347	271	347	307	299	290
Ending Vehs	293	350	296	326	345	315	300
Travel Distance (mi)	1198	1170	1190	1194	1212	1134	1156
Travel Time (hr)	83.7	105.2	82.9	90.8	119.2	126.7	82.5
Total Delay (hr)	45.7	68.0	45.2	53.0	80.7	90.6	45.9
Total Stops	1786	2247	1603	2331	2312	2094	1479
Fuel Used (gal)	50.0	54.7	49.6	51.8	58.7	58.5	48.4

Interval #2 Information Recording

Start Time	12:45
End Time	1:00
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	16	17	18	19	2	20	3
Vehs Entered	1694	1749	1718	1743	1612	1689	1637
Vehs Exited	1743	1687	1693	1759	1680	1702	1672
Starting Vehs	329	227	298	319	336	268	283
Ending Vehs	280	289	323	303	268	255	248
Travel Distance (mi)	1167	1164	1162	1190	1128	1168	1129
Travel Time (hr)	79.7	78.9	94.9	84.4	90.2	71.7	74.6
Total Delay (hr)	42.6	42.0	58.0	46.7	54.5	34.7	38.6
Total Stops	1936	1571	2381	1791	2134	1590	1578
Fuel Used (gal)	48.2	47.6	52.0	49.5	49.9	46.5	45.9

Interval #2 Information Recording

Start Time	12:45
End Time	1:00
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	4	5	6	7	8	9	Avg
Vehs Entered	1719	1695	1725	1787	1742	1714	1719
Vehs Exited	1707	1694	1728	1760	1723	1704	1718
Starting Vehs	300	341	341	386	252	268	305
Ending Vehs	312	342	338	413	271	278	304
Travel Distance (mi)	1165	1147	1171	1193	1172	1161	1168
Travel Time (hr)	81.5	94.3	98.6	126.7	75.0	71.8	90.7
Total Delay (hr)	44.7	58.0	61.5	89.0	37.9	34.8	53.6
Total Stops	1779	2210	2309	2590	1403	1613	1939
Fuel Used (gal)	49.0	51.5	53.1	60.5	47.3	45.8	50.9

5: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	23.7	0.1	0.4	31.3	55.5
Denied Del/Veh (s)	48.1	1.1	1.1	57.0	36.2
Total Delay (hr)	34.3	5.8	16.1	58.0	114.2
Total Del/Veh (s)	69.2	55.2	40.0	104.3	73.2
Travel Time (hr)	62.7	9.7	31.2	109.6	213.2
Avg Speed (mph)	3	13	16	8	9
Vehicles Entered	1738	370	1401	1926	5435
Vehicles Exited	1737	370	1402	1921	5430
Hourly Exit Rate	1895	404	1529	2096	5924
Input Volume	1928	402	1545	2144	6019
% of Volume	98	100	99	98	98

93: Garrisonville Road Performance by approach

Approach	EB	WB	SW	All
Denied Delay (hr)	0.1	0.0	0.0	0.2
Denied Del/Veh (s)	0.2	0.1	0.3	0.2
Total Delay (hr)	24.3	0.9	0.2	25.4
Total Del/Veh (s)	38.5	1.7	2.5	20.0
Travel Time (hr)	44.7	6.8	1.3	52.9
Avg Speed (mph)	15	17	21	16
Vehicles Entered	2232	1973	322	4527
Vehicles Exited	2228	1974	323	4525
Hourly Exit Rate	2431	2153	352	4936
Input Volume	2440	2190	350	4980
% of Volume	100	98	101	99

Total Network Performance

Denied Delay (hr)	55.7
Denied Del/Veh (s)	31.4
Total Delay (hr)	145.2
Total Del/Veh (s)	79.1
Travel Time (hr)	336.4
Avg Speed (mph)	15
Vehicles Entered	6302
Vehicles Exited	6293
Hourly Exit Rate	6865
Input Volume	17880
% of Volume	38

Interval #4 Information Recording

Start Time	1:15
End Time	1:25
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	11	12	13	14	15
Vehs Entered	1134	1139	1108	1082	1192	1238	1151
Vehs Exited	1138	1138	1151	1081	1176	1193	1122
Starting Vehs	329	339	336	317	326	290	260
Ending Vehs	325	340	293	318	342	335	289
Travel Distance (mi)	770	776	779	733	804	826	769
Travel Time (hr)	70.7	85.5	65.2	62.2	85.4	95.3	53.2
Total Delay (hr)	46.3	60.8	40.5	39.1	60.0	69.1	28.8
Total Stops	1573	1405	1179	1366	1557	1445	985
Fuel Used (gal)	36.2	40.0	35.4	33.3	40.5	43.2	32.1

Interval #4 Information Recording

Start Time	1:15
End Time	1:25
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	16	17	18	19	2	20	3
Vehs Entered	1169	1144	1185	1148	1093	1258	1158
Vehs Exited	1132	1135	1208	1142	1122	1176	1161
Starting Vehs	271	234	323	326	336	240	253
Ending Vehs	308	243	300	332	307	322	250
Travel Distance (mi)	776	778	811	784	746	827	790
Travel Time (hr)	50.2	55.8	59.8	73.7	70.8	51.9	49.1
Total Delay (hr)	25.6	31.2	34.2	48.8	47.1	25.8	24.3
Total Stops	1124	1011	1601	1597	1356	1202	986
Fuel Used (gal)	31.4	32.5	35.0	37.1	35.3	32.9	31.5

Interval #4 Information Recording

Start Time	1:15
End Time	1:25
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	4	5	6	7	8	9	Avg
Vehs Entered	1187	1162	1137	1187	1143	1145	1158
Vehs Exited	1163	1181	1121	1195	1132	1179	1152
Starting Vehs	332	301	327	357	266	295	303
Ending Vehs	356	282	343	349	277	261	310
Travel Distance (mi)	791	806	780	817	771	798	787
Travel Time (hr)	68.1	56.4	82.2	84.8	56.1	53.9	66.5
Total Delay (hr)	42.9	30.8	57.7	58.8	31.5	28.6	41.6
Total Stops	1635	1325	1395	1695	1121	1109	1332
Fuel Used (gal)	36.4	34.1	39.4	40.9	32.9	32.9	35.6

Summary of All Intervals

Run Number	1	10	11	12	13	14	15
Start Time	11:30	11:30	11:30	11:30	11:30	11:30	11:30
End Time	1:25	1:25	1:25	1:25	1:25	1:25	1:25
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6337	6325	6399	6274	6347	6183	6308
Vehs Exited	6286	6300	6408	6277	6339	6178	6316
Starting Vehs	274	315	302	321	334	330	297
Ending Vehs	325	340	293	318	342	335	289
Travel Distance (mi)	4264	4283	4355	4248	4302	4185	4267
Travel Time (hr)	325.2	377.5	322.1	321.6	439.2	468.8	308.4
Total Delay (hr)	189.8	241.8	184.0	187.2	302.8	335.7	173.2
Total Stops	7004	7815	6077	7984	8399	7589	5761
Fuel Used (gal)	183.6	198.3	186.7	183.4	212.2	215.7	180.2

Summary of All Intervals

Run Number	16	17	18	19	2	20	3
Start Time	11:30	11:30	11:30	11:30	11:30	11:30	11:30
End Time	1:25	1:25	1:25	1:25	1:25	1:25	1:25
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6334	6189	6320	6338	6174	6447	6180
Vehs Exited	6352	6230	6306	6286	6135	6391	6232
Starting Vehs	326	284	286	280	268	266	302
Ending Vehs	308	243	300	332	307	322	250
Travel Distance (mi)	4298	4209	4281	4285	4164	4369	4222
Travel Time (hr)	288.1	294.4	334.4	335.5	325.6	266.0	284.4
Total Delay (hr)	151.8	160.6	198.7	199.8	193.7	127.5	150.7
Total Stops	6991	5589	8428	7267	7724	6008	6047
Fuel Used (gal)	175.9	174.3	187.8	186.6	181.9	172.4	173.7

Intersection: 5: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	386	371	244	351	165	162	150	89	347	365	291	289
Average Queue (ft)	354	347	121	328	83	88	73	34	216	236	177	182
95th Queue (ft)	385	382	219	412	153	146	136	71	334	351	256	260
Link Distance (ft)	80	80	80	80		1784	1784				1835	1835
Upstream Blk Time (%)	77	76	26	56								
Queuing Penalty (veh)	364	361	123	266								
Storage Bay Dist (ft)					225			295	640	640		
Storage Blk Time (%)					0	0						
Queuing Penalty (veh)					0	0						

Intersection: 5: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	71	315	1634	1575	512	333
Average Queue (ft)	28	195	1023	1070	393	216
95th Queue (ft)	60	409	2149	2219	706	312
Link Distance (ft)			1812	1812		
Upstream Blk Time (%)			6	22		
Queuing Penalty (veh)			0	0		
Storage Bay Dist (ft)	910	315			575	575
Storage Blk Time (%)		0	56	12	4	
Queuing Penalty (veh)		1	47	160	17	

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	446	562	651	743	351	96	100	100
Average Queue (ft)	268	274	312	384	49	7	12	37
95th Queue (ft)	539	590	840	963	406	48	58	80
Link Distance (ft)	1625	1625	1625	1625	1625	80	80	441
Upstream Blk Time (%)						0	0	
Queuing Penalty (veh)						1	1	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 1343

SimTraffic Simulation Summary  
Weekend Peak

06/28/2019

Interval #1 Information Recording

Start Time	12:30
End Time	12:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	11	12	13	14	15
Vehs Entered	1728	1734	1712	1702	1688	1634	1784
Vehs Exited	1721	1702	1743	1676	1715	1665	1791
Starting Vehs	274	315	302	321	334	330	297
Ending Vehs	281	347	271	347	307	299	290
Travel Distance (mi)	1169	1158	1178	1138	1145	1121	1211
Travel Time (hr)	78.8	79.8	81.1	84.8	103.1	107.3	89.0
Total Delay (hr)	41.6	43.3	43.8	48.9	66.7	71.7	50.7
Total Stops	1691	2013	1560	2129	2263	2063	1784
Fuel Used (gal)	47.9	48.0	49.0	48.6	53.3	53.4	51.6

Interval #1 Information Recording

Start Time	12:30
End Time	12:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	16	17	18	19	2	20	3
Vehs Entered	1752	1663	1716	1789	1727	1736	1661
Vehs Exited	1749	1720	1704	1750	1659	1734	1680
Starting Vehs	326	284	286	280	268	266	302
Ending Vehs	329	227	298	319	336	268	283
Travel Distance (mi)	1179	1142	1159	1199	1140	1183	1146
Travel Time (hr)	81.6	78.0	83.0	79.5	79.4	72.5	87.0
Total Delay (hr)	44.4	41.6	46.3	41.6	43.4	35.0	50.7
Total Stops	2169	1460	2288	1761	1978	1653	1973
Fuel Used (gal)	48.9	46.9	48.9	49.0	47.7	46.6	49.5

Interval #1 Information Recording

Start Time	12:30
End Time	12:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	4	5	6	7	8	9	Avg
Vehs Entered	1757	1708	1804	1777	1652	1731	1722
Vehs Exited	1767	1692	1744	1752	1705	1725	1719
Starting Vehs	310	325	281	361	305	262	301
Ending Vehs	300	341	341	386	252	268	305
Travel Distance (mi)	1194	1142	1203	1206	1142	1177	1166
Travel Time (hr)	81.6	83.9	89.5	118.8	78.1	68.1	85.3
Total Delay (hr)	43.7	47.5	51.6	80.7	42.0	30.9	48.3
Total Stops	1896	2290	1951	2517	1457	1574	1924
Fuel Used (gal)	49.3	48.8	51.5	59.1	47.0	46.0	49.6

SimTraffic Simulation Summary  
Weekend Peak

06/28/2019

Summary of All Intervals

Run Number	4	5	6	7	8	9	Avg
Start Time	11:30	11:30	11:30	11:30	11:30	11:30	11:30
End Time	1:25	1:25	1:25	1:25	1:25	1:25	1:25
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6344	6250	6341	6391	6269	6298	6302
Vehs Exited	6298	6293	6279	6403	6297	6299	6293
Starting Vehs	310	325	281	361	305	262	301
Ending Vehs	356	282	343	349	277	261	310
Travel Distance (mi)	4274	4258	4284	4362	4253	4281	4272
Travel Time (hr)	312.1	333.0	380.9	456.5	285.2	268.5	336.4
Total Delay (hr)	176.6	197.8	245.3	318.1	150.5	132.7	200.9
Total Stops	7066	8070	7951	9004	5410	5861	7100
Fuel Used (gal)	182.1	186.9	198.8	219.7	174.5	171.0	187.3

Interval #0 Information Seeding

Start Time	11:30
End Time	12:30
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	



SimTraffic Simulation Summary  
Weekend Peak

06/28/2019

Interval #3 Information Recording

Start Time	1:00
End Time	1:15
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	1	10	11	12	13	14	15
Vehs Entered	1708	1741	1822	1753	1662	1635	1652
Vehs Exited	1672	1752	1782	1762	1681	1660	1692
Starting Vehs	293	350	296	326	345	315	300
Ending Vehs	329	339	336	317	326	290	260
Travel Distance (mi)	1127	1179	1209	1184	1142	1103	1130
Travel Time (hr)	92.1	107.1	92.8	83.7	131.5	139.6	83.6
Total Delay (hr)	56.1	69.7	54.4	46.1	95.4	104.3	47.7
Total Stops	1954	2150	1735	2158	2267	1987	1513
Fuel Used (gal)	49.5	55.6	52.7	49.6	59.8	60.6	48.2

Interval #3 Information Recording

Start Time	1:00
End Time	1:15
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	16	17	18	19	2	20	3
Vehs Entered	1719	1633	1701	1658	1742	1764	1724
Vehs Exited	1728	1688	1701	1635	1674	1779	1719
Starting Vehs	280	289	323	303	268	255	248
Ending Vehs	271	234	323	326	336	240	253
Travel Distance (mi)	1176	1126	1149	1112	1150	1191	1157
Travel Time (hr)	76.5	81.7	96.7	97.9	85.1	69.9	73.7
Total Delay (hr)	39.2	45.8	60.2	62.7	48.7	32.1	37.1
Total Stops	1762	1547	2158	2118	2256	1563	1510
Fuel Used (gal)	47.4	47.3	52.0	51.0	49.0	46.4	46.8

Interval #3 Information Recording

Start Time	1:00
End Time	1:15
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	4	5	6	7	8	9	Avg
Vehs Entered	1681	1685	1675	1640	1732	1708	1703
Vehs Exited	1661	1726	1686	1696	1737	1691	1706
Starting Vehs	312	342	338	413	271	278	304
Ending Vehs	332	301	327	357	266	295	303
Travel Distance (mi)	1124	1164	1131	1146	1167	1144	1151
Travel Time (hr)	81.0	98.5	110.5	126.1	76.0	74.7	93.9
Total Delay (hr)	45.3	61.6	74.6	89.6	39.0	38.3	57.4
Total Stops	1756	2245	2296	2202	1429	1565	1908
Fuel Used (gal)	47.4	52.6	54.9	59.2	47.2	46.3	51.2

SimTraffic Simulation Summary  
Weekend Peak

06/28/2019

Interval #2 Information Recording

Start Time	12:45
End Time	1:00
Total Time (min)	15

Volumes adjusted by PHF, Growth Factors.

Run Number	1	10	11	12	13	14	15
Vehs Entered	1767	1711	1757	1737	1805	1676	1721
Vehs Exited	1755	1708	1732	1758	1767	1660	1711
Starting Vehs	281	347	271	347	307	299	290
Ending Vehs	293	350	296	326	345	315	300
Travel Distance (mi)	1198	1170	1190	1194	1212	1134	1156
Travel Time (hr)	83.7	105.2	82.9	90.8	119.2	126.7	82.5
Total Delay (hr)	45.7	68.0	45.2	53.0	80.7	90.6	45.9
Total Stops	1786	2247	1603	2331	2312	2094	1479
Fuel Used (gal)	50.0	54.7	49.6	51.8	58.7	58.5	48.4

Interval #2 Information Recording

Start Time	12:45
End Time	1:00
Total Time (min)	15

Volumes adjusted by PHF, Growth Factors.

Run Number	16	17	18	19	2	20	3
Vehs Entered	1694	1749	1718	1743	1612	1689	1637
Vehs Exited	1743	1687	1693	1759	1680	1702	1672
Starting Vehs	329	227	298	319	336	268	283
Ending Vehs	280	289	323	303	268	255	248
Travel Distance (mi)	1167	1164	1162	1190	1128	1168	1129
Travel Time (hr)	79.7	78.9	94.9	84.4	90.2	71.7	74.6
Total Delay (hr)	42.6	42.0	58.0	46.7	54.5	34.7	38.6
Total Stops	1936	1571	2381	1791	2134	1590	1578
Fuel Used (gal)	48.2	47.6	52.0	49.5	49.9	46.5	45.9

Interval #2 Information Recording

Start Time	12:45
End Time	1:00
Total Time (min)	15

Volumes adjusted by PHF, Growth Factors.

Run Number	4	5	6	7	8	9	Avg
Vehs Entered	1719	1695	1725	1787	1742	1714	1719
Vehs Exited	1707	1694	1728	1760	1723	1704	1718
Starting Vehs	300	341	341	386	252	268	305
Ending Vehs	312	342	338	413	271	278	304
Travel Distance (mi)	1165	1147	1171	1193	1172	1161	1168
Travel Time (hr)	81.5	94.3	98.6	126.7	75.0	71.8	90.7
Total Delay (hr)	44.7	58.0	61.5	89.0	37.9	34.8	53.6
Total Stops	1779	2210	2309	2590	1403	1613	1939
Fuel Used (gal)	49.0	51.5	53.1	60.5	47.3	45.8	50.9

5: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	9.1	3.6	11.0	0.1	0.0	0.1	0.3	0.1	0.0	1.2	11.1	19.1
Denied Del/Veh (s)	46.4	46.4	50.2	2.2	0.1	2.2	1.7	0.5	1.6	57.0	55.7	57.8
Total Delay (hr)	21.4	4.2	8.7	1.8	3.6	0.4	10.0	5.9	0.1	2.7	32.8	22.5
Total Del/Veh (s)	107.2	53.2	40.1	69.7	67.3	15.4	58.8	28.4	5.3	129.3	160.4	68.0
Travel Time (hr)	32.1	8.3	22.2	2.8	5.5	1.4	16.7	13.4	1.1	4.6	50.8	54.3
Avg Speed (mph)	2	4	5	11	12	22	12	19	28	7	6	11
Vehicles Entered	692	276	770	91	190	89	590	729	82	71	696	1159
Vehicles Exited	690	277	770	91	190	89	590	730	82	71	692	1158
Hourly Exit Rate	753	302	840	99	207	97	644	796	89	77	755	1263
Input Volume	769	307	852	97	210	95	660	796	89	84	776	1284
% of Volume	98	98	99	102	99	102	98	100	101	92	97	98

5: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	All
Denied Delay (hr)	55.5
Denied Del/Veh (s)	36.2
Total Delay (hr)	114.2
Total Del/Veh (s)	73.2
Travel Time (hr)	213.2
Avg Speed (mph)	9
Vehicles Entered	5435
Vehicles Exited	5430
Hourly Exit Rate	5924
Input Volume	6019
% of Volume	98

93: Garrisonville Road Performance by movement

Movement	EBT	EBR	WBT	SWR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.2
Denied Del/Veh (s)	0.2	0.2	0.1	0.3	0.2
Total Delay (hr)	23.7	0.6	0.9	0.2	25.4
Total Del/Veh (s)	48.4	4.0	1.7	2.5	20.0
Travel Time (hr)	39.2	5.6	6.8	1.3	52.9
Avg Speed (mph)	14	28	17	21	16
Vehicles Entered	1728	504	1973	322	4527
Vehicles Exited	1724	504	1974	323	4525
Hourly Exit Rate	1881	550	2153	352	4936
Input Volume	1890	550	2190	350	4980
% of Volume	100	100	98	101	99

Interval #4 Information Recording

Start Time	1:15
End Time	1:25
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	11	12	13	14	15
Vehs Entered	1134	1139	1108	1082	1192	1238	1151
Vehs Exited	1138	1138	1151	1081	1176	1193	1122
Starting Vehs	329	339	336	317	326	290	260
Ending Vehs	325	340	293	318	342	335	289
Travel Distance (mi)	770	776	779	733	804	826	769
Travel Time (hr)	70.7	85.5	65.2	62.2	85.4	95.3	53.2
Total Delay (hr)	46.3	60.8	40.5	39.1	60.0	69.1	28.8
Total Stops	1573	1405	1179	1366	1557	1445	985
Fuel Used (gal)	36.2	40.0	35.4	33.3	40.5	43.2	32.1

Interval #4 Information Recording

Start Time	1:15
End Time	1:25
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	16	17	18	19	2	20	3
Vehs Entered	1169	1144	1185	1148	1093	1258	1158
Vehs Exited	1132	1135	1208	1142	1122	1176	1161
Starting Vehs	271	234	323	326	336	240	253
Ending Vehs	308	243	300	332	307	322	250
Travel Distance (mi)	776	778	811	784	746	827	790
Travel Time (hr)	50.2	55.8	59.8	73.7	70.8	51.9	49.1
Total Delay (hr)	25.6	31.2	34.2	48.8	47.1	25.8	24.3
Total Stops	1124	1011	1601	1597	1356	1202	986
Fuel Used (gal)	31.4	32.5	35.0	37.1	35.3	32.9	31.5

Interval #4 Information Recording

Start Time	1:15
End Time	1:25
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	4	5	6	7	8	9	Avg
Vehs Entered	1187	1162	1137	1187	1143	1145	1158
Vehs Exited	1163	1181	1121	1195	1132	1179	1152
Starting Vehs	332	301	327	357	266	295	303
Ending Vehs	356	282	343	349	277	261	310
Travel Distance (mi)	791	806	780	817	771	798	787
Travel Time (hr)	68.1	56.4	82.2	84.8	56.1	53.9	66.5
Total Delay (hr)	42.9	30.8	57.7	58.8	31.5	28.6	41.6
Total Stops	1635	1325	1395	1695	1121	1109	1332
Fuel Used (gal)	36.4	34.1	39.4	40.9	32.9	32.9	35.6



Queuing and Blocking Report  
Weekend Peak

06/28/2019

Intersection: 5: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	386	371	244	351	165	162	150	89	347	365	291	289
Average Queue (ft)	354	347	121	328	83	88	73	34	216	236	177	182
95th Queue (ft)	385	382	219	412	153	146	136	71	334	351	256	260
Link Distance (ft)	80	80	80	80		1784	1784				1835	1835
Upstream Blk Time (%)	77	76	26	56								
Queuing Penalty (veh)	364	361	123	266								
Storage Bay Dist (ft)					225			295	640	640		
Storage Blk Time (%)					0	0						
Queuing Penalty (veh)					0	0						

Intersection: 5: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	71	315	1634	1575	512	333
Average Queue (ft)	28	195	1023	1070	393	216
95th Queue (ft)	60	409	2149	2219	706	312
Link Distance (ft)			1812	1812		
Upstream Blk Time (%)			6	22		
Queuing Penalty (veh)			0	0		
Storage Bay Dist (ft)	910	315			575	575
Storage Blk Time (%)		0	56	12	4	
Queuing Penalty (veh)		1	47	160	17	

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	446	562	651	743	351	96	100	100
Average Queue (ft)	268	274	312	384	49	7	12	37
95th Queue (ft)	539	590	840	963	406	48	58	80
Link Distance (ft)	1625	1625	1625	1625	1625	80	80	441
Upstream Blk Time (%)						0	0	
Queuing Penalty (veh)						1	1	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 1343

SimTraffic Performance Report  
Weekend Peak

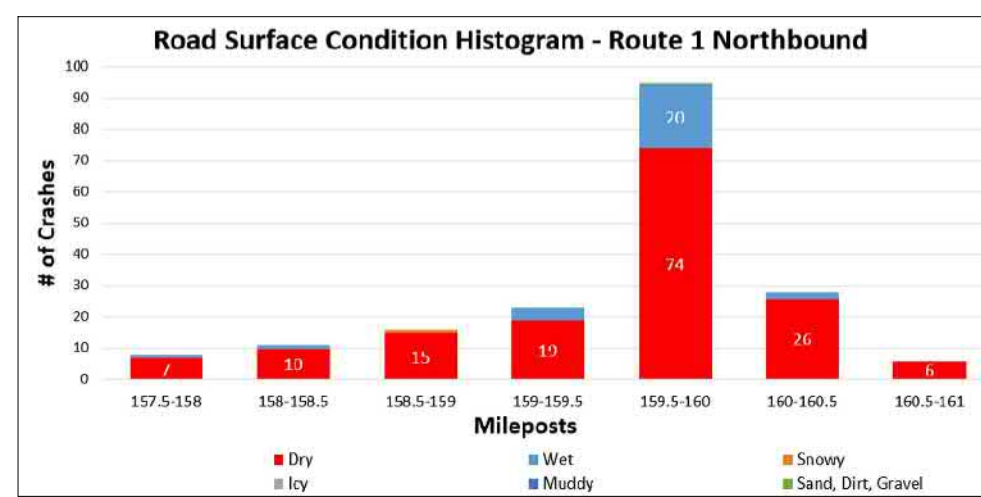
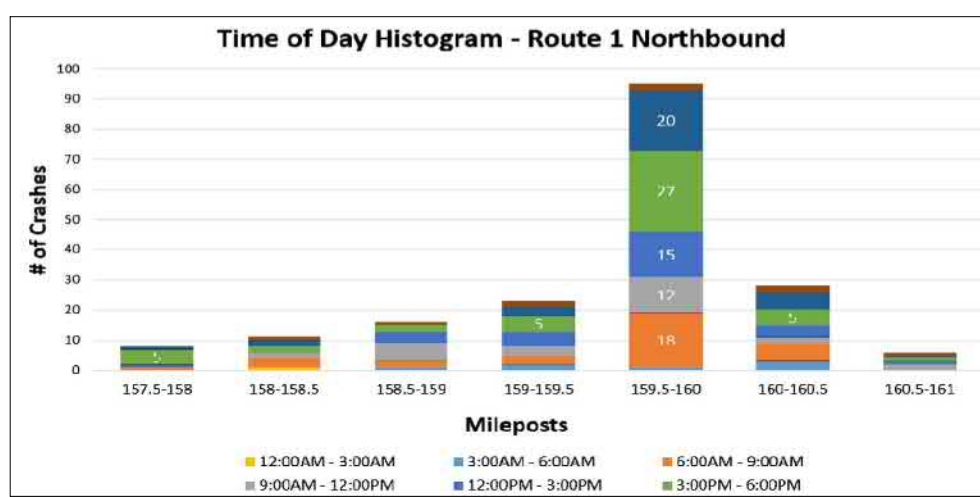
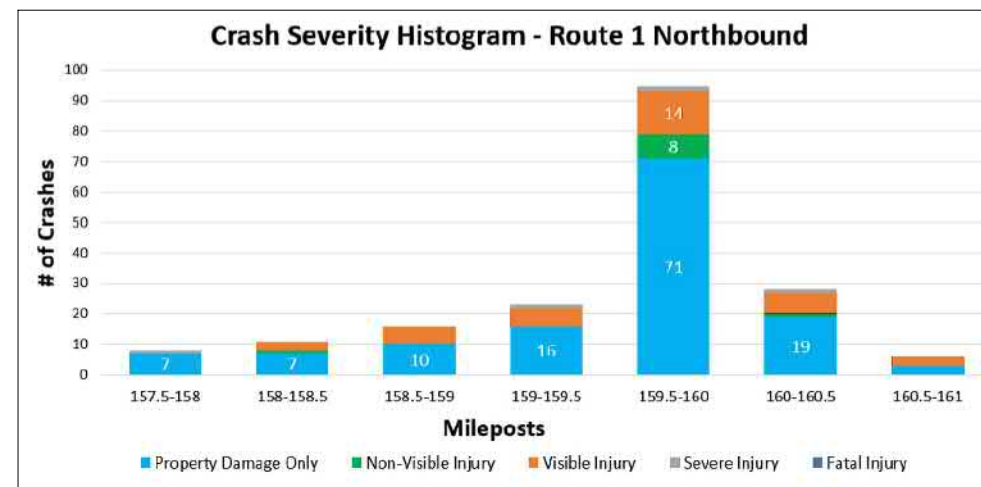
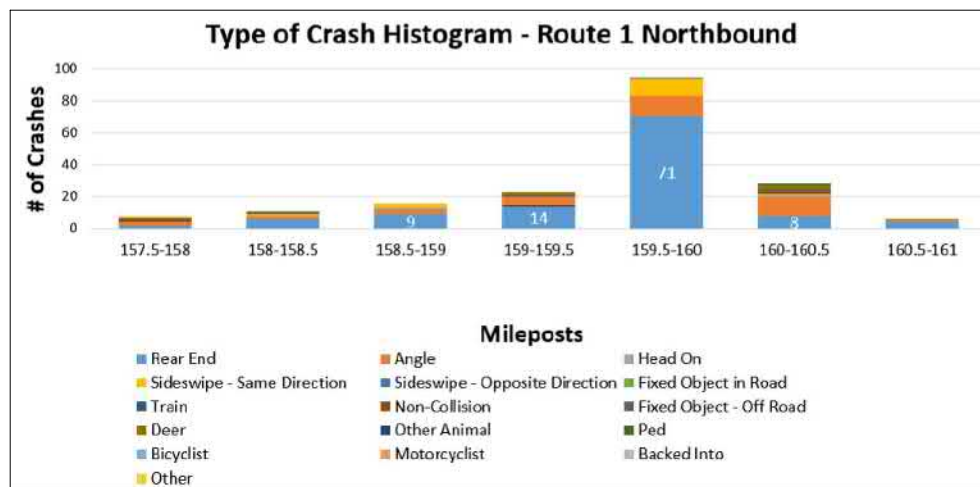
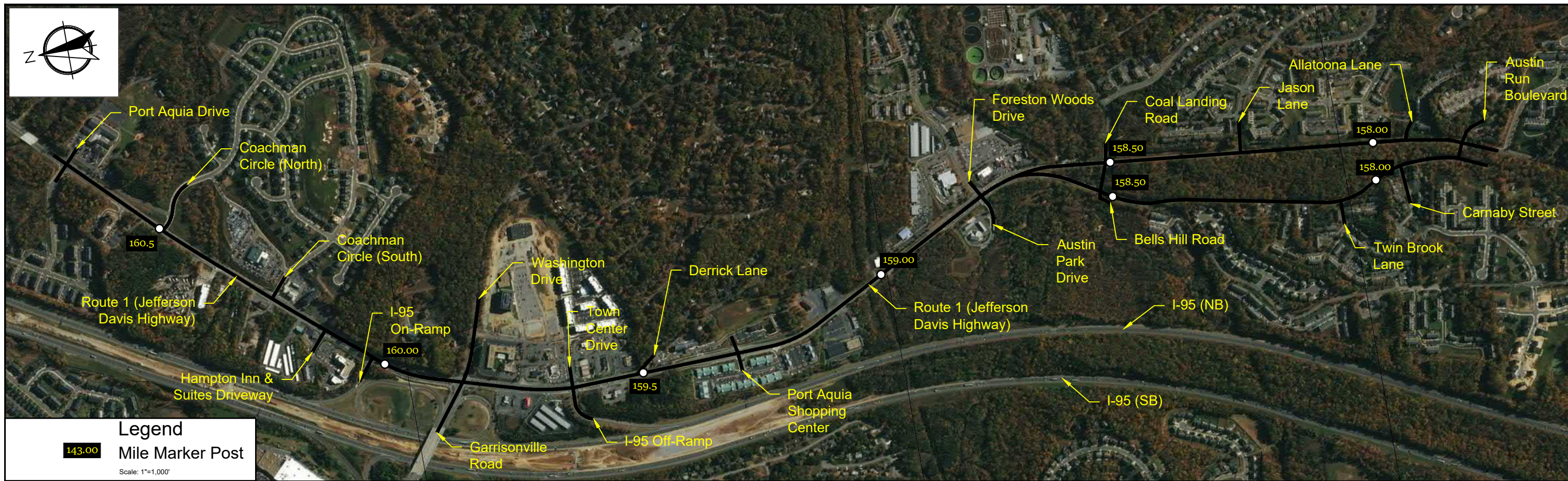
06/28/2019

Total Network Performance

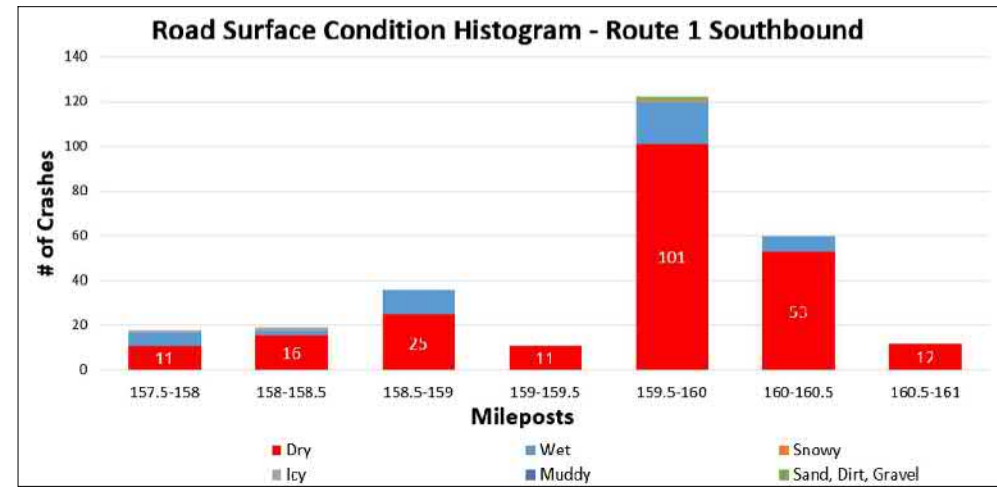
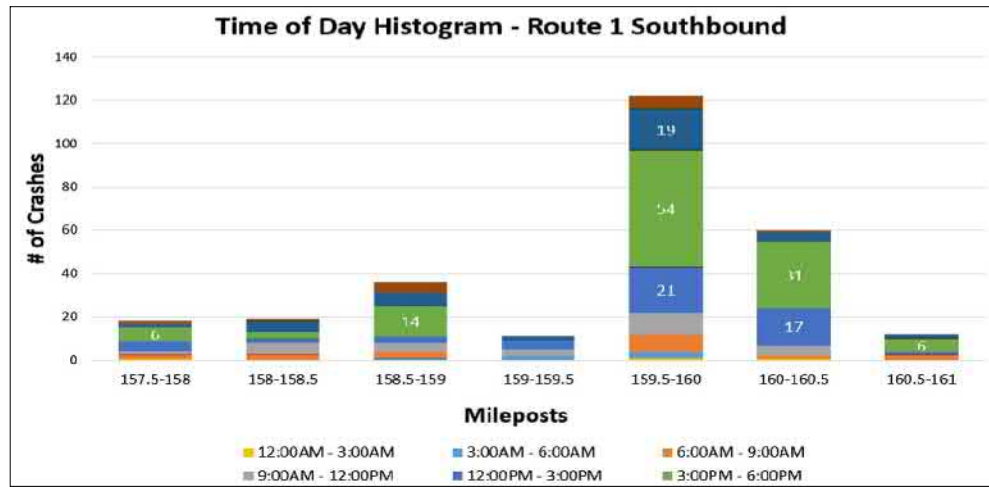
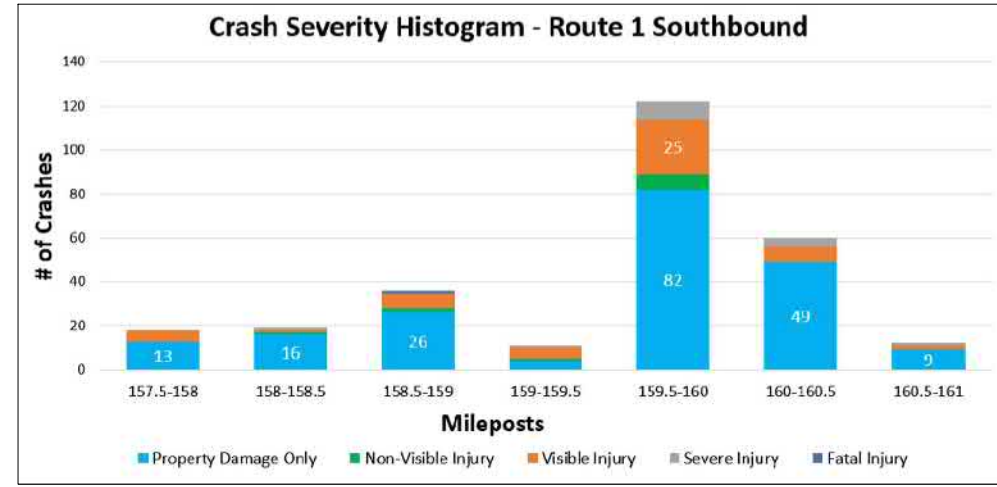
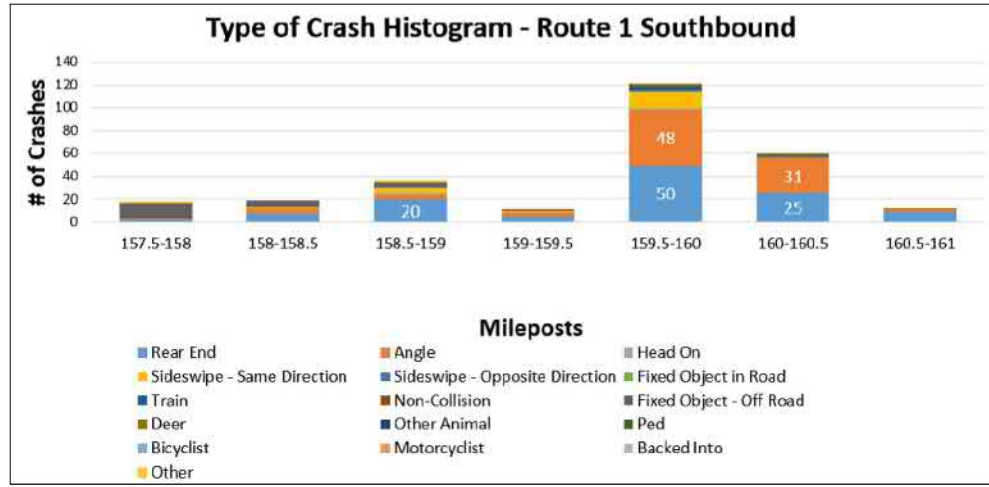
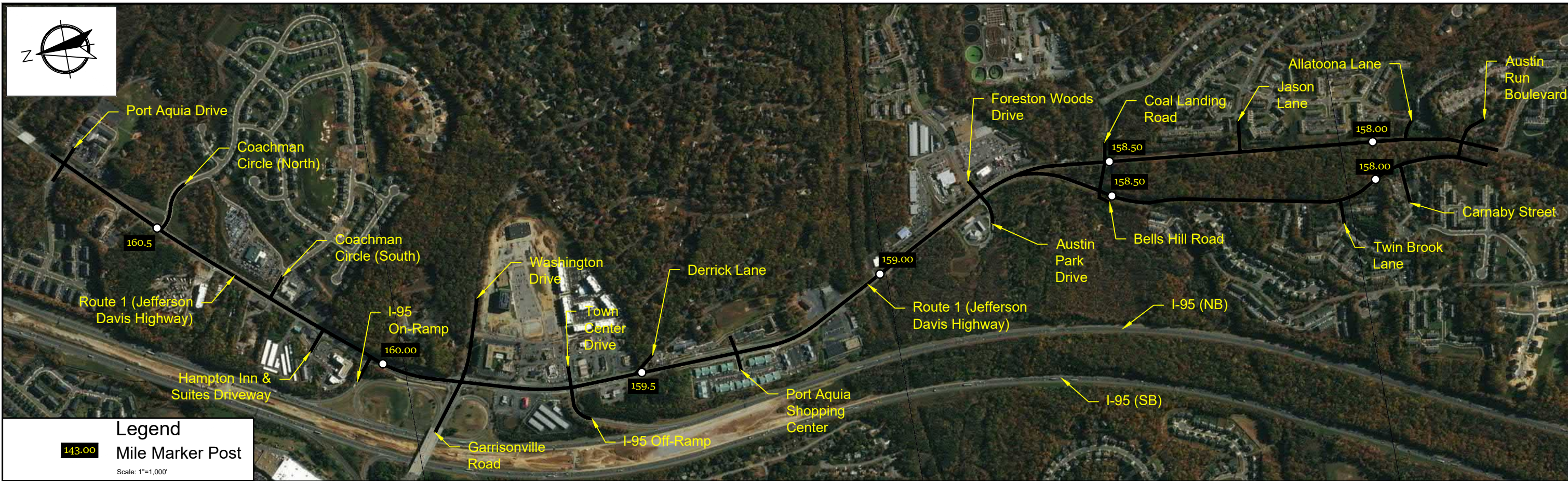
Denied Delay (hr)	55.7
Denied Del/Veh (s)	31.4
Total Delay (hr)	145.2
Total Del/Veh (s)	79.1
Travel Time (hr)	336.4
Avg Speed (mph)	15
Vehicles Entered	6302
Vehicles Exited	6293
Hourly Exit Rate	6865
Input Volume	17880
% of Volume	38

## APPENDIX B-7: EXISTING CRASH HISTOGRAMS





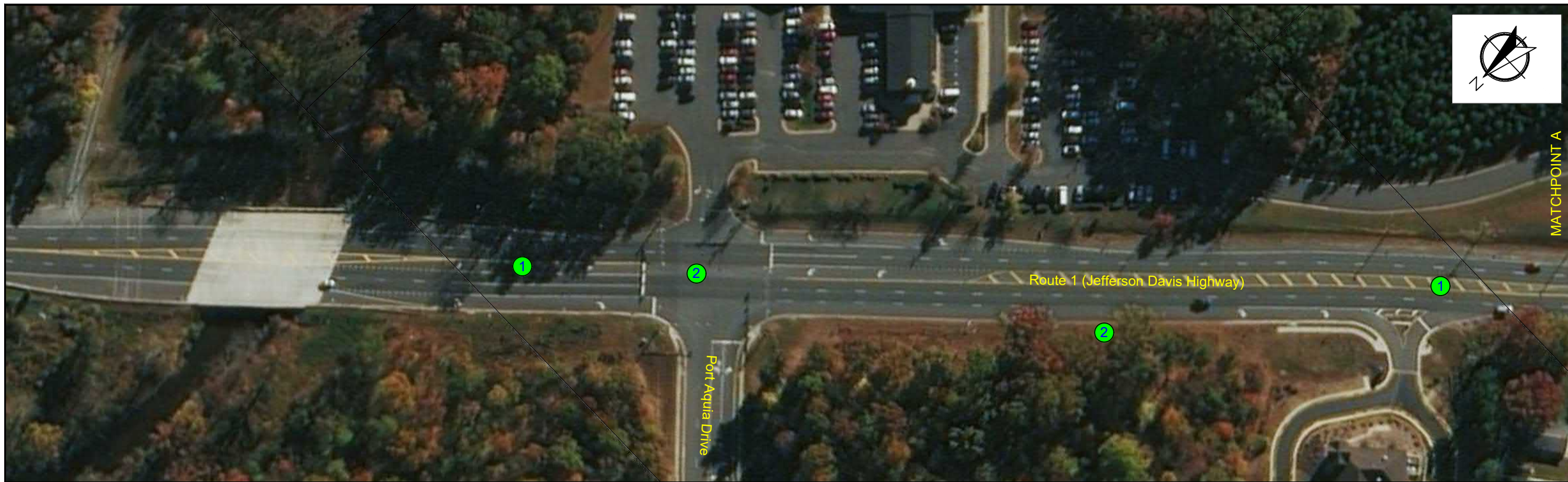






## APPENDIX B-8: FIELD REVIEW REFERENCE





**VDOT  
WSP  
toXcel, LLC**

ENGINEER  
DCC  
SCALE 1" = 100'  
CREATED BY  
DATE  
JUN 2019

LEGEND  
**1** Field Review Number

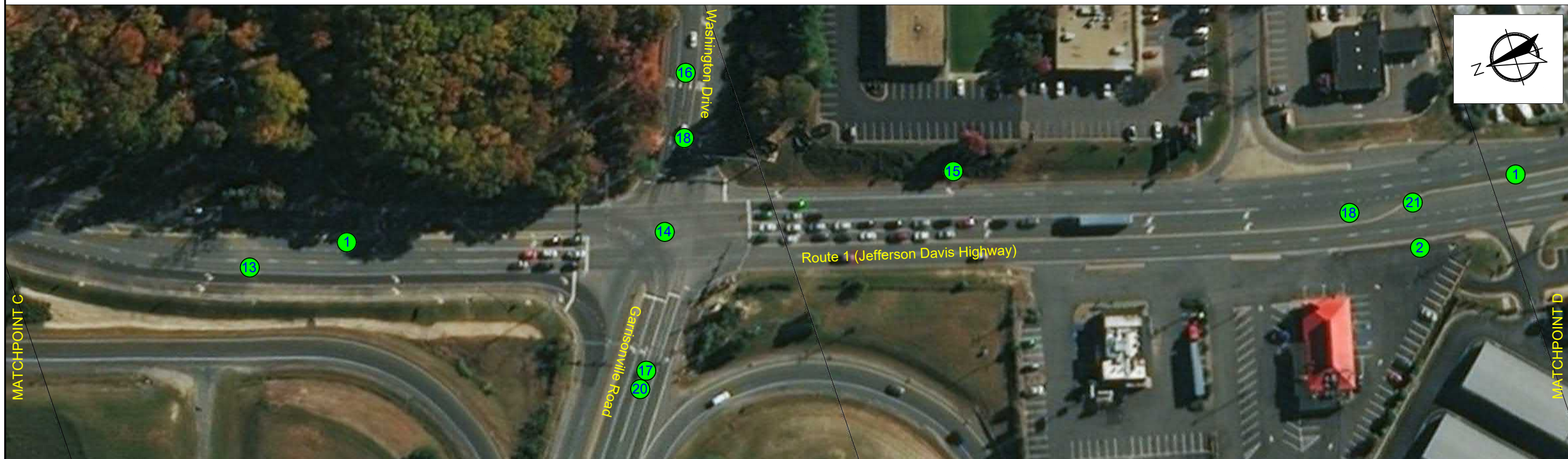
Field Review Reference Figure  
Route 1 (Jefferson Davis Highway)  
From Port Aquia Drive to Austin Run Boulevard


Stafford County  
VIRGINIA

**VDOT STARS PROJECT  
VIRGINIA DEPARTMENT OF  
TRANSPORTATION**

SHEET  
1





<p><b>VDOT WSP toXcel, LLC</b></p>	<p>ENGINEER DCC</p>	<p><b>LEGEND</b></p> <p> Field Review Number</p>	<p><b>Field Review Reference Figure</b> Route 1 (Jefferson Davis Highway) From Port Aquia Drive to Austin Run Boulevard</p>	<p><b>VDOT STARS PROJECT</b> VIRGINIA DEPARTMENT OF TRANSPORTATION</p> <p>Stafford County VIRGINIA</p>	<p>SHEET</p> <p>2</p>
	<p>SCALE 1" = 100'</p>				
	<p>CREATED BY</p>				
	<p>DATE JUN 2019</p>				





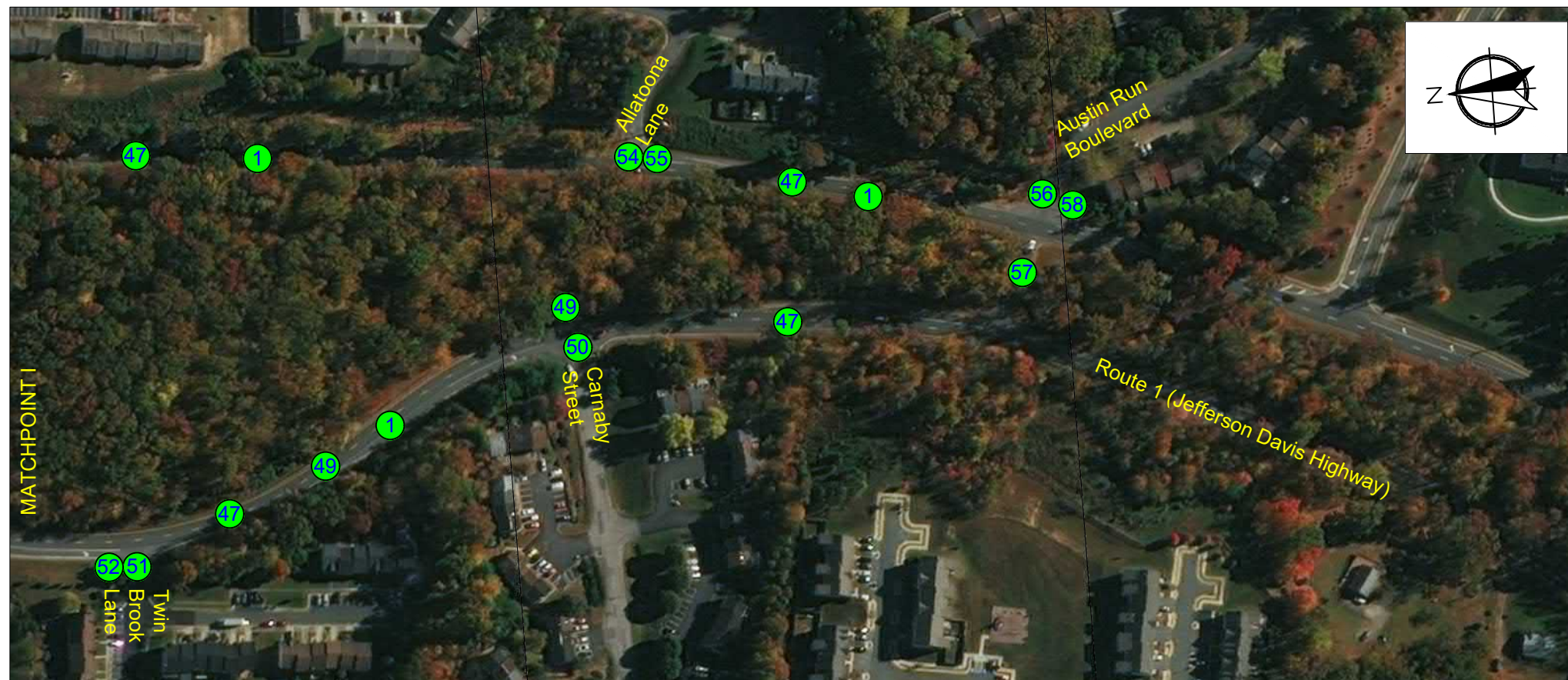
<p>VDOT WSP toXcel, LLC</p>	<p>ENGINEER DCC</p> <p>SCALE 1" = 100'</p> <p>CREATED BY</p> <p>DATE JUN 2019</p>	<p>LEGEND</p> <p>1 Field Review Number</p>	<p>Field Review Reference Figure Route 1 (Jefferson Davis Highway) From Port Aquia Drive to Austin Run Boulevard</p>	<p>Stafford County VIRGINIA</p> <p>VDOT STARS PROJECT VIRGINIA DEPARTMENT OF TRANSPORTATION</p>	<p>SHEET 3</p>
-------------------------------------	---	--	--	---	--------------------





<p><b>VDOT WSP toXcel, LLC</b></p>	<p>ENGINEER DCC</p> <p>SCALE 1" = 100'</p> <p>CREATED BY</p> <p>DATE JUN 2019</p>	<p>LEGEND</p> <p><b>1</b> Field Review Number</p>	<p>Field Review Reference Figure Route 1 (Jefferson Davis Highway) From Port Aquia Drive to Austin Run Boulevard</p>	<p>Stafford County VIRGINIA</p> <p><b>VDOT STARS PROJECT VIRGINIA DEPARTMENT OF TRANSPORTATION</b></p>	<p>SHEET <b>4</b></p>
--	---	---	--	--	---------------------------





VDOT  
WSP  
toXcel, LLC

ENGINEER  
DCC  
SCALE 1" = 200'  
CREATED BY  
DATE  
JUN 2019

LEGEND  
1 Field Review Number

Field Review Reference Figure  
Route 1 (Jefferson Davis Highway)  
From Port Aquia Drive to Austin Run Boulevard

Stafford County  
VIRGINIA

VDOT STARS PROJECT  
VIRGINIA DEPARTMENT OF  
TRANSPORTATION

SHEET  
5



## APPENDIX C: FUTURE NO-BUILD CONDITIONS

## APPENDIX C-1: SIMTRAFFIC OUTPUT

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	5:45	5:45	5:45	5:45	5:45	5:45	5:45
End Time	7:45	7:45	7:45	7:45	7:45	7:45	7:45
Total Time (min)	120	120	120	120	120	120	120
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	7111	6878	7073	7124	7111	7043	7126
Vehs Exited	6819	6597	6676	6782	6797	6717	6951
Starting Vehs	1471	1416	1423	1324	1369	1410	1479
Ending Vehs	1763	1697	1820	1666	1683	1736	1654
Travel Distance (mi)	9440	9052	9307	9208	9316	9256	9325
Travel Time (hr)	3454.0	3705.0	3377.5	3234.2	3229.1	3422.7	3409.5
Total Delay (hr)	3192.4	3454.3	3119.8	2979.1	2971.2	3165.7	3150.3
Total Stops	25320	24499	25884	23853	25240	25068	24497
Fuel Used (gal)	1018.9	1071.8	998.2	964.1	966.0	1008.7	1010.3

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	5:45	5:45	5:45	5:45
End Time	7:45	7:45	7:45	7:45
Total Time (min)	120	120	120	120
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	6973	7107	7179	7067
Vehs Exited	6847	6837	6698	6771
Starting Vehs	1554	1347	1255	1398
Ending Vehs	1680	1617	1736	1701
Travel Distance (mi)	9336	9345	9373	9296
Travel Time (hr)	3509.7	3323.7	3512.3	3417.8
Total Delay (hr)	3251.0	3064.6	3252.4	3160.1
Total Stops	24709	24431	25076	24854
Fuel Used (gal)	1032.0	992.8	1034.9	1009.8

Interval #0 Information Seeding

Start Time	5:45
End Time	6:45
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information

Start Time	6:45						
End Time	7:00						
Total Time (min)	15						
Volumes adjusted by Growth Factors, Anti PHF.							
Run Number	1	10	2	3	4	5	6
Vehs Entered	1823	1746	1830	1946	1823	1808	1850
Vehs Exited	1722	1592	1626	1750	1695	1700	1722
Starting Vehs	1471	1416	1423	1324	1369	1410	1479
Ending Vehs	1572	1570	1627	1520	1497	1518	1607
Travel Distance (mi)	2362	2244	2278	2359	2363	2371	2307
Travel Time (hr)	632.5	672.1	610.7	590.7	584.1	620.9	633.2
Total Delay (hr)	566.9	609.8	547.8	525.1	519.1	555.2	568.8
Total Stops	5948	6466	6599	6179	6428	6319	6272
Fuel Used (gal)	202.7	209.8	195.4	193.5	192.1	201.2	202.2

Interval #1 Information

Start Time	6:45			
End Time	7:00			
Total Time (min)	15			
Volumes adjusted by Growth Factors, Anti PHF.				
Run Number	7	8	9	Avg
Vehs Entered	1745	1869	1863	1828
Vehs Exited	1729	1748	1657	1692
Starting Vehs	1554	1347	1255	1398
Ending Vehs	1570	1468	1461	1536
Travel Distance (mi)	2388	2386	2354	2341
Travel Time (hr)	669.7	605.0	650.6	626.9
Total Delay (hr)	603.6	538.7	585.6	562.0
Total Stops	6359	6402	5958	6288
Fuel Used (gal)	212.2	199.2	207.5	201.6

Interval #2 Information

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1757	1691	1743	1783	1784	1913	1788
Vehs Exited	1685	1674	1705	1707	1696	1726	1733
Starting Vehs	1572	1570	1627	1520	1497	1518	1607
Ending Vehs	1644	1587	1665	1596	1585	1705	1662
Travel Distance (mi)	2304	2259	2321	2328	2253	2385	2331
Travel Time (hr)	790.7	840.8	769.3	724.5	724.9	772.9	768.2
Total Delay (hr)	726.8	778.3	704.8	660.2	662.2	706.4	703.2
Total Stops	6628	6421	6158	5814	6038	6845	6293
Fuel Used (gal)	237.0	248.7	233.3	222.6	220.4	235.4	233.6

Interval #2 Information

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	1740	1778	1821	1780
Vehs Exited	1732	1634	1682	1693
Starting Vehs	1570	1468	1461	1536
Ending Vehs	1578	1612	1600	1617
Travel Distance (mi)	2325	2303	2356	2316
Travel Time (hr)	793.0	745.6	800.3	773.0
Total Delay (hr)	728.4	682.0	734.7	708.7
Total Stops	6106	6200	6045	6252
Fuel Used (gal)	238.7	227.0	241.2	233.8

Interval #3 Information

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1749	1753	1708	1712	1713	1649	1690
Vehs Exited	1697	1682	1653	1703	1694	1638	1730
Starting Vehs	1644	1587	1665	1596	1585	1705	1662
Ending Vehs	1696	1658	1720	1605	1604	1716	1622
Travel Distance (mi)	2382	2296	2351	2304	2360	2180	2328
Travel Time (hr)	937.5	1015.7	915.8	883.2	881.6	930.2	928.4
Total Delay (hr)	871.7	951.9	851.1	819.5	816.4	869.4	864.0
Total Stops	6282	5725	6391	6104	6362	5744	5787
Fuel Used (gal)	271.9	289.1	266.5	258.6	258.8	265.1	270.0

Interval #3 Information

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1731	1704	1809	1719
Vehs Exited	1669	1719	1732	1689
Starting Vehs	1578	1612	1600	1617
Ending Vehs	1640	1597	1677	1648
Travel Distance (mi)	2275	2332	2391	2320
Travel Time (hr)	951.8	908.8	949.5	930.2
Total Delay (hr)	888.8	843.9	883.0	866.0
Total Stops	5921	5893	6556	6077
Fuel Used (gal)	273.2	265.6	276.3	269.5



Interval #4 Information Recording

Start Time	7:30						
End Time	7:45						
Total Time (min)	15						
Volumes adjusted by Growth Factors, Anti PHF.							
Run Number	1	10	2	3	4	5	6
Vehs Entered	1782	1688	1792	1683	1791	1673	1798
Vehs Exited	1715	1649	1692	1622	1712	1653	1766
Starting Vehs	1696	1658	1720	1605	1604	1716	1622
Ending Vehs	1763	1697	1820	1666	1683	1736	1654
Travel Distance (mi)	2393	2252	2357	2217	2340	2321	2359
Travel Time (hr)	1093.4	1176.5	1081.6	1035.8	1038.5	1098.7	1079.8
Total Delay (hr)	1027.1	1114.2	1016.1	974.3	973.5	1034.7	1014.3
Total Stops	6462	5887	6736	5756	6412	6160	6145
Fuel Used (gal)	307.3	324.2	302.9	289.4	294.6	307.0	304.5

Interval #4 Information Recording

Start Time	7:30			
End Time	7:45			
Total Time (min)	15			
Volumes adjusted by Growth Factors, Anti PHF.				
Run Number	7	8	9	Avg
Vehs Entered	1757	1756	1686	1736
Vehs Exited	1717	1736	1627	1687
Starting Vehs	1640	1597	1677	1648
Ending Vehs	1680	1617	1736	1701
Travel Distance (mi)	2348	2324	2271	2318
Travel Time (hr)	1095.2	1064.4	1111.8	1087.6
Total Delay (hr)	1030.1	1000.0	1049.1	1023.3
Total Stops	6323	5936	6517	6227
Fuel Used (gal)	307.9	301.1	309.8	304.9

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.3	0.6	4.0	0.2	4.2	0.0	0.0	0.0	2.9	0.2	3.0	0.2
Total Delay (hr)	0.6	0.0	0.1	0.3	0.1	0.0	2.7	0.0	0.0	0.6	0.0	4.5
Total Del/Veh (s)	60.5	88.5	4.8	62.9	31.4	7.7	5.0	2.6	13.8	3.1	1.4	5.7
Travel Time (hr)	0.8	0.0	0.5	0.4	0.2	0.1	10.3	0.1	0.0	2.0	0.0	14.4
Avg Speed (mph)	5	4	17	3	6	25	33	30	12	31	23	29
Vehicles Entered	36	1	71	19	15	13	1935	13	3	720	10	2836
Vehicles Exited	36	1	70	19	15	13	1936	13	3	720	11	2837
Hourly Exit Rate	36	1	70	19	15	13	1936	13	3	720	11	2837
Input Volume	36	1	68	19	15	19	2719	19	3	743	8	3650
% of Volume	100	100	103	100	100	68	71	68	100	97	138	78

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by movement

Movement	NWL	NWR	NET	NER	SWL	SWT	All
Denied Delay (hr)	90.6	85.3	0.0	0.0	0.0	0.0	175.8
Denied Del/Veh (s)	2103.3	2192.2	0.0	0.0	0.0	0.0	206.8
Total Delay (hr)	13.6	10.3	1.0	0.0	0.1	0.4	25.5
Total Del/Veh (s)	1116.4	1057.4	1.8	2.1	28.2	1.8	32.0
Travel Time (hr)	104.3	95.6	10.6	0.1	0.2	5.5	216.4
Avg Speed (mph)	0	0	39	32	19	41	16
Vehicles Entered	31	24	1925	21	16	803	2820
Vehicles Exited	31	24	1925	21	16	804	2821
Hourly Exit Rate	31	24	1925	21	16	804	2821
Input Volume	98	90	2664	31	17	822	3722
% of Volume	32	27	72	68	94	98	76

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	8.3	3.0	3.4	0.6	15.3
Total Del/Veh (s)	37.2	5.5	16.7	18.7	15.3
Travel Time (hr)	13.1	14.1	7.9	1.3	36.5
Avg Speed (mph)	11	25	20	17	19
Vehicles Entered	791	1950	724	105	3570
Vehicles Exited	792	1950	722	105	3569
Hourly Exit Rate	792	1950	722	105	3569
Input Volume	1093	2704	794	119	4710
% of Volume	72	72	91	88	76

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	5.3	0.3	1.3	41.2	95.1	100.4	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	19.6	10.4	17.1	811.0	819.5	809.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	29.8	1.7	0.3	3.4	9.1	66.5	6.4	26.6	0.0	0.3	2.7	2.0
Total Del/Veh (s)	109.1	53.8	4.2	100.4	115.4	659.5	47.6	62.9	5.3	56.7	41.1	14.5
Travel Time (hr)	37.5	2.3	2.5	45.6	106.5	169.7	9.7	36.0	0.1	0.3	3.8	4.8
Avg Speed (mph)	2	4	17	8	7	1	10	9	24	8	10	17
Vehicles Entered	962	117	271	115	269	289	477	1487	17	16	230	477
Vehicles Exited	948	114	270	115	270	291	481	1493	17	16	234	484
Hourly Exit Rate	948	114	270	115	270	291	481	1493	17	16	234	484
Input Volume	1397	171	381	164	373	408	640	1982	27	18	249	529
% of Volume	68	67	71	70	72	71	75	75	63	89	94	91

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	All
Denied Delay (hr)	243.7
Denied Del/Veh (s)	171.7
Total Delay (hr)	148.8
Total Del/Veh (s)	109.2
Travel Time (hr)	418.9
Avg Speed (mph)	5
Vehicles Entered	4727
Vehicles Exited	4733
Hourly Exit Rate	4733
Input Volume	6339
% of Volume	75

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.1	0.1	0.0	35.0	169.9	0.5	0.0	0.0	0.0	205.5
Denied Del/Veh (s)	0.7	3.2	3.3	1678.3	1652.7	1.2	0.4	0.0	0.0	236.6
Total Delay (hr)	7.5	0.6	0.4	0.9	27.9	40.2	0.6	0.8	2.5	81.3
Total Del/Veh (s)	58.9	36.0	37.4	119.0	643.7	99.1	17.7	60.4	15.4	99.7
Travel Time (hr)	10.6	1.1	0.7	36.1	198.8	45.4	1.1	1.2	6.4	301.3
Avg Speed (mph)	7	10	9	3	1	4	12	9	19	4
Vehicles Entered	448	60	37	27	131	1404	113	47	572	2839
Vehicles Exited	443	59	36	27	127	1418	112	47	572	2841
Hourly Exit Rate	443	59	36	27	127	1418	112	47	572	2841
Input Volume	454	61	35	53	264	1949	156	66	728	3766
% of Volume	98	97	103	51	48	73	72	71	79	75

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
Total Delay (hr)	0.1	0.0	0.1	0.8	0.4	75.5	0.0	0.0	0.0	0.7	0.0	77.5
Total Del/Veh (s)	52.9	5.3	61.8	57.1	144.9	177.4	125.1	18.3	3.8	1.7	125.0	
Travel Time (hr)	0.1	0.0	0.1	1.0	0.4	82.4	0.0	0.0	0.1	3.3	0.1	87.6
Avg Speed (mph)	4	12	3	4	4	4	4	12	19	34	32	5
Vehicles Entered	5	1	4	47	9	1461	1	0	7	608	17	2160
Vehicles Exited	5	1	4	47	9	1441	1	0	7	601	17	2133
Hourly Exit Rate	5	1	4	47	9	1441	1	0	7	601	17	2133
Input Volume	5	1	5	48	13	2033	1	1	9	783	22	2921
% of Volume	100	100	80	98	69	71	100	0	78	77	77	73

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	3.9	0.0	0.0	3.9
Denied Del/Veh (s)	0.1	0.1	0.0	9.6	0.0	0.0	6.7
Total Delay (hr)	0.0	0.0	0.9	118.5	0.3	0.0	119.8
Total Del/Veh (s)	66.4	2.8	283.9	266.8	1.9	2.0	193.6
Travel Time (hr)	0.0	0.0	1.0	133.9	3.0	0.3	138.2
Avg Speed (mph)	2	12	4	4	40	33	5
Vehicles Entered	1	5	11	1462	564	46	2089
Vehicles Exited	0	5	12	1474	562	46	2099
Hourly Exit Rate	0	5	12	1474	562	46	2099
Input Volume	1	4	14	2051	738	55	2863
% of Volume	0	125	86	72	76	84	73

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Delay (hr)	20.5	2.1	17.2	0.0	0.0	0.0	0.0	0.1	1.6	0.1	0.0	0.0
Denied Del/Veh (s)	492.3	532.0	499.9	0.2	0.2	0.3	0.0	2.1	4.8	6.5	0.0	0.0
Total Delay (hr)	9.6	0.9	5.1	1.3	0.5	1.6	0.2	3.6	24.0	0.1	1.4	3.9
Total Del/Veh (s)	278.8	274.6	186.6	84.8	81.7	35.4	130.2	112.2	70.1	7.0	75.1	32.1
Travel Time (hr)	30.5	3.0	22.7	1.6	0.6	2.5	0.2	3.9	27.7	0.3	2.0	7.2
Avg Speed (mph)	1	1	1	4	4	8	2	2	3	15	11	20
Vehicles Entered	113	11	95	55	22	165	5	113	1213	38	68	431
Vehicles Exited	114	11	92	53	22	166	5	112	1202	38	66	414
Hourly Exit Rate	114	11	92	53	22	166	5	112	1202	38	66	414
Input Volume	146	12	107	53	22	164	8	172	1764	52	85	562
% of Volume	78	92	86	100	100	101	62	65	68	73	78	74

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	SBR	All
Denied Delay (hr)	0.0	41.6
Denied Del/Veh (s)	0.0	60.6
Total Delay (hr)	0.2	52.5
Total Del/Veh (s)	12.2	77.3
Travel Time (hr)	0.8	102.9
Avg Speed (mph)	27	5
Vehicles Entered	67	2396
Vehicles Exited	66	2361
Hourly Exit Rate	66	2361
Input Volume	92	3239
% of Volume	72	73

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by movement

Movement	EBT	EBR	WBL	WBT	SBL	SBT	SBR	All
Denied Delay (hr)	126.0	3.3	0.0	0.0	1.0	4.2	0.8	135.4
Denied Del/Veh (s)	1874.9	2004.3	0.0	0.0	58.6	34.7	33.1	556.3
Total Delay (hr)	20.0	0.5	0.0	0.0	18.7	10.9	1.1	51.3
Total Del/Veh (s)	1090.5	960.3	2.9	4.9	963.3	91.0	44.5	263.3
Travel Time (hr)	146.1	3.9	0.1	0.0	20.0	17.2	2.4	189.8
Avg Speed (mph)	0	0	15	14	0	5	9	2
Vehicles Entered	46	1	39	6	59	424	84	659
Vehicles Exited	46	2	39	6	45	414	83	635
Hourly Exit Rate	46	2	39	6	45	414	83	635
Input Volume	188	5	61	10	79	561	114	1018
% of Volume	24	40	64	60	57	74	73	62

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by movement

Movement	EBL	EBT	WBT	WBR	NBL	NBT	NBR	All
Denied Delay (hr)	0.4	0.3	0.2	4.7	4.5	31.2	0.0	41.2
Denied Del/Veh (s)	19.9	44.9	48.1	61.1	358.1	91.3	0.0	88.1
Total Delay (hr)	5.7	2.0	0.7	12.4	7.8	250.8	4.9	284.4
Total Del/Veh (s)	281.9	279.9	186.7	165.7	688.3	668.7	565.9	566.9
Travel Time (hr)	6.2	2.4	1.0	18.1	12.9	298.4	5.3	344.2
Avg Speed (mph)	1	1	2	2	3	3	3	3
Vehicles Entered	67	24	14	260	36	1169	28	1598
Vehicles Exited	67	24	12	253	32	1074	26	1488
Hourly Exit Rate	67	24	12	253	32	1074	26	1488
Input Volume	196	72	13	267	57	1579	34	2218
% of Volume	34	33	92	95	56	68	76	67

11: Performance by movement

Movement	SBL	SBT	NWL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	1.1	0.1	0.0	0.2
Total Delay (hr)	13.3	0.6	0.0	13.9
Total Del/Veh (s)	773.3	5.2	5.0	102.0
Travel Time (hr)	13.7	3.4	0.0	17.1
Avg Speed (mph)	1	37	11	8
Vehicles Entered	61	413	14	488
Vehicles Exited	23	412	14	449
Hourly Exit Rate	23	412	14	449
Input Volume	79	561	30	670
% of Volume	29	73	47	67

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by movement

Movement	NBL	NBT	NBR	SEL	SET	NWT	NWR	All
Denied Delay (hr)	0.6	95.6	1.0	0.0	0.0	2.0	3.1	102.4
Denied Del/Veh (s)	212.4	230.1	227.3	0.0	0.0	431.0	389.2	231.5
Total Delay (hr)	0.2	20.4	0.2	4.4	0.5	2.4	4.6	32.7
Total Del/Veh (s)	62.9	59.5	39.4	759.7	492.4	967.2	969.1	90.0
Travel Time (hr)	0.8	117.9	1.2	4.5	0.6	4.5	7.7	137.2
Avg Speed (mph)	3	4	5	0	0	0	0	3
Vehicles Entered	9	1234	14	20	4	9	17	1307
Vehicles Exited	8	1205	14	14	3	5	9	1258
Hourly Exit Rate	8	1205	14	14	3	5	9	1258
Input Volume	12	1505	18	68	11	18	27	1659
% of Volume	67	80	78	21	27	28	33	76

24: Jeff Davis Hwy (Rt-1) Performance by movement

Movement	NBT	SBT	SBR	All
Denied Delay (hr)	5.0	0.0	0.4	5.5
Denied Del/Veh (s)	13.2	0.0	2.7	10.0
Total Delay (hr)	55.7	0.1	3.7	59.4
Total Del/Veh (s)	140.5	13.4	23.3	106.2
Travel Time (hr)	66.1	0.1	5.9	72.2
Avg Speed (mph)	4	9	8	4
Vehicles Entered	1364	22	561	1947
Vehicles Exited	1351	22	548	1921
Hourly Exit Rate	1351	22	548	1921
Input Volume	1997	30	720	2747
% of Volume	68	73	76	70

93: Garrisonville Road Performance by movement

Movement	EBT	EBR	WBT	SWR	All
Denied Delay (hr)	530.7	352.5	0.0	0.0	883.2
Denied Del/Veh (s)	880.0	883.0	0.0	0.2	630.8
Total Delay (hr)	264.2	21.8	0.6	0.1	286.7
Total Del/Veh (s)	581.8	84.4	1.7	1.2	258.1
Travel Time (hr)	811.4	386.0	4.3	0.7	1202.3
Avg Speed (mph)	2	11	21	23	3
Vehicles Entered	1354	898	1241	191	3684
Vehicles Exited	1346	894	1239	191	3670
Hourly Exit Rate	1346	894	1239	191	3670
Input Volume	1941	1290	1547	194	4972
% of Volume	69	69	80	98	74

Total Network Performance

Denied Delay (hr)	1838.3
Denied Del/Veh (s)	661.1
Total Delay (hr)	1321.8
Total Del/Veh (s)	561.7
Travel Time (hr)	3417.8
Avg Speed (mph)	6
Vehicles Entered	7067
Vehicles Exited	6771
Hourly Exit Rate	6771
Input Volume	60514
% of Volume	11

Arterial Level of Service: NB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Foreston Woods Dr	8	-	-	0.1	-
	7	261.4	296.8	0.3	4
Aquia Park Dr	6	177.4	193.7	0.2	4
	42	145.1	164.2	0.2	4
Aquia Town Center	5	99.1	111.9	0.1	4
Washington Dr	4	61.1	82.3	0.2	9
I-95 On Ramp	3	6.7	25.7	0.2	25
Coachman Circle S	2	1.8	19.6	0.2	40
	20	1.9	24.6	0.3	41
Port Aquia Dr	1	5.0	19.0	0.2	33
Total		759.6	937.9	2.0	8

Arterial Level of Service: SB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Port Aquia Dr	1	3.1	10.2	0.1	33
	20	1.4	15.7	0.2	41
	2	1.8	24.4	0.3	42
I-95 On Ramp	3	16.7	39.0	0.2	20
Garrisonville Road	4	41.1	58.2	0.2	11
I-95 Off Ramp	5	5.3	27.3	0.2	28
	42	1.7	14.2	0.1	30
Aquia Park Dr	6	3.8	19.8	0.2	35
Aquia Comm Center	7	2.0	18.8	0.2	41
Austin Park Dr	8	32.2	59.0	0.3	21
Jeff Davis Hwy (Rt-1)	24	23.7	38.0	0.1	8
Bells Hill Rd	9	-	-	0.2	-
	21	4.5	33.7	0.4	39
Total		137.3	358.1	2.6	27



Queuing and Blocking Report

Future 2035 No-Build AM Peak

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	91	67	90	54	33	211	225	18	31	122	153	35
Average Queue (ft)	37	33	23	12	6	77	91	1	2	42	34	2
95th Queue (ft)	84	59	67	40	24	174	193	8	16	104	93	15
Link Distance (ft)	519		363			862	862			445	445	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)	0		26	8		0	0					
Queuing Penalty (veh)	0		4	1		0	0					

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	NW	NE	SW	SW
Directions Served	LTR	R	LT	TR
Maximum Queue (ft)	543	2	73	34
Average Queue (ft)	529	0	15	1
95th Queue (ft)	544	2	51	21
Link Distance (ft)	518		1441	1441
Upstream Blk Time (%)	100			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		340		
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	SB	SB	SB
Directions Served	L	T	T	T	T	TR
Maximum Queue (ft)	365	629	620	169	265	357
Average Queue (ft)	294	146	58	59	107	181
95th Queue (ft)	412	524	333	130	220	305
Link Distance (ft)		841	841	1091	1091	1091
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	365					
Storage Blk Time (%)	8	5				
Queuing Penalty (veh)	109	54				

Queuing and Blocking Report

Future 2035 No-Build AM Peak

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	407	408	170	168	221	1562	1554	295	196	639	977	944
Average Queue (ft)	388	387	70	28	106	1539	1542	295	108	242	494	491
95th Queue (ft)	396	397	142	101	205	1566	1546	295	170	600	874	871
Link Distance (ft)	147	147	147	147		1527	1527				1016	1016
Upstream Blk Time (%)	76	76	1	0		46	98				0	0
Queuing Penalty (veh)	366	367	6	2		0	0				2	1
Storage Bay Dist (ft)					225			295	640	640		
Storage Blk Time (%)					1	3	65	74			0	4
Queuing Penalty (veh)					2	6	263	137			2	24

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	298	52	153	181	128	193
Average Queue (ft)	18	10	79	87	67	100
95th Queue (ft)	196	33	136	152	116	169
Link Distance (ft)			841	841	841	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	910	315			575	
Storage Blk Time (%)	0					
Queuing Penalty (veh)	0					

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	EB	EB	WB	WB	WB	NB	NB	NB	B42	B42	SB	SB
Directions Served	L	TR	L	L	R	T	T	R	T	T	L	L
Maximum Queue (ft)	634	245	54	631	639	660	648	554	988	998	62	80
Average Queue (ft)	368	120	5	568	619	630	627	389	966	967	11	28
95th Queue (ft)	583	288	29	791	631	646	638	791	980	984	38	59
Link Distance (ft)	876			603	603	554	554		951	951		
Upstream Blk Time (%)	0			52	99	66	57	1	30	28		
Queuing Penalty (veh)	0			0	0	687	593	0	312	296		
Storage Bay Dist (ft)		245	250					565			290	290
Storage Blk Time (%)	28	0		0			57	1				
Queuing Penalty (veh)	27	2		0			89	10				

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	SB	SB
Directions Served	T	T
Maximum Queue (ft)	171	188
Average Queue (ft)	66	86
95th Queue (ft)	139	158
Link Distance (ft)	1016	1016
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LTR	L	T	T	R	UL	T	T	R
Maximum Queue (ft)	33	12	120	300	1081	1091	28	32	124	140	20
Average Queue (ft)	4	1	38	42	1062	1064	1	5	26	36	1
95th Queue (ft)	20	8	87	213	1075	1081	21	22	77	101	10
Link Distance (ft)	490	490	399		1037	1037			951	951	
Upstream Blk Time (%)					47	49					
Queuing Penalty (veh)					484	506					
Storage Bay Dist (ft)				300			145	270			290
Storage Blk Time (%)				0	75	69	0				
Queuing Penalty (veh)				1	10	1	0				

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	NB	NB	SB
Directions Served	LTR	LT	T	R
Maximum Queue (ft)	24	1738	1750	10
Average Queue (ft)	4	1707	1711	1
95th Queue (ft)	18	1749	1747	7
Link Distance (ft)	391	1708	1708	
Upstream Blk Time (%)		7	8	
Queuing Penalty (veh)		73	81	
Storage Bay Dist (ft)				195
Storage Blk Time (%)			79	
Queuing Penalty (veh)			0	

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	384	110	224	240	250	381	396	340	179	340	366	157
Average Queue (ft)	367	94	86	95	207	356	358	91	66	91	106	26
95th Queue (ft)	383	151	235	200	322	370	378	333	155	334	364	147
Link Distance (ft)	352		604	604		342	342			1708	1708	
Upstream Blk Time (%)	94		0	0		51	51	0				
Queuing Penalty (veh)	0		0	0		498	503	0				
Storage Bay Dist (ft)		110			250			340	260			400
Storage Blk Time (%)	89	7			3	65	52	0	0	5	4	0
Queuing Penalty (veh)	95	11			22	117	27	3	0	4	4	0

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	WB	SB	SB	SB	SB
Directions Served	TR	LT	L	T	T	R
Maximum Queue (ft)	458	41	200	774	782	246
Average Queue (ft)	448	4	188	556	514	35
95th Queue (ft)	459	23	230	949	946	139
Link Distance (ft)	437	193		831	831	
Upstream Blk Time (%)	100			15	11	
Queuing Penalty (veh)	0			53	38	
Storage Bay Dist (ft)			200			270
Storage Blk Time (%)			82	78	5	0
Queuing Penalty (veh)			217	62	6	0

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB	NB
Directions Served	LT	TR	L	T	T	R
Maximum Queue (ft)	212	490	165	3568	3578	685
Average Queue (ft)	200	368	67	3313	3316	301
95th Queue (ft)	214	580	186	4180	4191	856
Link Distance (ft)	193	474		3536	3536	
Upstream Blk Time (%)	73	32		26	39	
Queuing Penalty (veh)	195	0		210	312	
Storage Bay Dist (ft)			165			685
Storage Blk Time (%)			0	76	84	1
Queuing Penalty (veh)			1	43	28	4

Intersection: 11:

Movement	SB	SB	SB	NW
Directions Served	L	T	T	L
Maximum Queue (ft)	262	885	857	33
Average Queue (ft)	144	274	184	10
95th Queue (ft)	344	840	663	34
Link Distance (ft)		1652	1652	145
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	270			
Storage Blk Time (%)	41			
Queuing Penalty (veh)	106			

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	NB	NB	NB	SE	NW
Directions Served	LT	T	R	LT	TR
Maximum Queue (ft)	375	375	100	155	266
Average Queue (ft)	271	266	24	113	157
95th Queue (ft)	540	539	95	194	328
Link Distance (ft)	360	360		145	259
Upstream Blk Time (%)	66	65		64	45
Queuing Penalty (veh)	0	0		51	0
Storage Bay Dist (ft)			100		
Storage Blk Time (%)		68	0		
Queuing Penalty (veh)		12	3		

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	R	R
Maximum Queue (ft)	855	854	187	181
Average Queue (ft)	825	828	50	48
95th Queue (ft)	873	872	237	237
Link Distance (ft)	823	823	342	342
Upstream Blk Time (%)	20	25	6	7
Queuing Penalty (veh)	194	245	24	27
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	SW
Directions Served	T	T	T	T	R	T	R
Maximum Queue (ft)	2262	2262	2264	2260	2257	8	55
Average Queue (ft)	2231	2231	2232	2231	2224	0	15
95th Queue (ft)	2247	2246	2249	2246	2257	5	44
Link Distance (ft)	2213	2213	2213	2213	2213	147	456
Upstream Blk Time (%)	90	89	77	63	29		
Queuing Penalty (veh)	0	0	0	0	0		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 7635
------------------------------------

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	5:45	5:45	5:45	5:45	5:45	5:45	5:45
End Time	7:45	7:45	7:45	7:45	7:45	7:45	7:45
Total Time (min)	120	120	120	120	120	120	120
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	7111	6878	7073	7124	7111	7043	7126
Vehs Exited	6819	6597	6676	6782	6797	6717	6951
Starting Vehs	1471	1416	1423	1324	1369	1410	1479
Ending Vehs	1763	1697	1820	1666	1683	1736	1654
Travel Distance (mi)	9440	9052	9307	9208	9316	9256	9325
Travel Time (hr)	3454.0	3705.0	3377.5	3234.2	3229.1	3422.7	3409.5
Total Delay (hr)	3192.4	3454.3	3119.8	2979.1	2971.2	3165.7	3150.3
Total Stops	25320	24499	25884	23853	25240	25068	24497
Fuel Used (gal)	1018.9	1071.8	998.2	964.1	966.0	1008.7	1010.3

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	5:45	5:45	5:45	5:45
End Time	7:45	7:45	7:45	7:45
Total Time (min)	120	120	120	120
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	6973	7107	7179	7067
Vehs Exited	6847	6837	6698	6771
Starting Vehs	1554	1347	1255	1398
Ending Vehs	1680	1617	1736	1701
Travel Distance (mi)	9336	9345	9373	9296
Travel Time (hr)	3509.7	3323.7	3512.3	3417.8
Total Delay (hr)	3251.0	3064.6	3252.4	3160.1
Total Stops	24709	24431	25076	24854
Fuel Used (gal)	1032.0	992.8	1034.9	1009.8

Interval #0 Information Seeding

Start Time	5:45
End Time	6:45
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information

Start Time	6:45						
End Time	7:00						
Total Time (min)	15						
Volumes adjusted by Growth Factors, Anti PHF.							
Run Number	1	10	2	3	4	5	6
Vehs Entered	1823	1746	1830	1946	1823	1808	1850
Vehs Exited	1722	1592	1626	1750	1695	1700	1722
Starting Vehs	1471	1416	1423	1324	1369	1410	1479
Ending Vehs	1572	1570	1627	1520	1497	1518	1607
Travel Distance (mi)	2362	2244	2278	2359	2363	2371	2307
Travel Time (hr)	632.5	672.1	610.7	590.7	584.1	620.9	633.2
Total Delay (hr)	566.9	609.8	547.8	525.1	519.1	555.2	568.8
Total Stops	5948	6466	6599	6179	6428	6319	6272
Fuel Used (gal)	202.7	209.8	195.4	193.5	192.1	201.2	202.2

Interval #1 Information

Start Time	6:45			
End Time	7:00			
Total Time (min)	15			
Volumes adjusted by Growth Factors, Anti PHF.				
Run Number	7	8	9	Avg
Vehs Entered	1745	1869	1863	1828
Vehs Exited	1729	1748	1657	1692
Starting Vehs	1554	1347	1255	1398
Ending Vehs	1570	1468	1461	1536
Travel Distance (mi)	2388	2386	2354	2341
Travel Time (hr)	669.7	605.0	650.6	626.9
Total Delay (hr)	603.6	538.7	585.6	562.0
Total Stops	6359	6402	5958	6288
Fuel Used (gal)	212.2	199.2	207.5	201.6



SimTraffic Simulation Summary

Future 2035 No-Build AM Peak

Interval #2 Information

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1757	1691	1743	1783	1784	1913	1788
Vehs Exited	1685	1674	1705	1707	1696	1726	1733
Starting Vehs	1572	1570	1627	1520	1497	1518	1607
Ending Vehs	1644	1587	1665	1596	1585	1705	1662
Travel Distance (mi)	2304	2259	2321	2328	2253	2385	2331
Travel Time (hr)	790.7	840.8	769.3	724.5	724.9	772.9	768.2
Total Delay (hr)	726.8	778.3	704.8	660.2	662.2	706.4	703.2
Total Stops	6628	6421	6158	5814	6038	6845	6293
Fuel Used (gal)	237.0	248.7	233.3	222.6	220.4	235.4	233.6

Interval #2 Information

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	1740	1778	1821	1780
Vehs Exited	1732	1634	1682	1693
Starting Vehs	1570	1468	1461	1536
Ending Vehs	1578	1612	1600	1617
Travel Distance (mi)	2325	2303	2356	2316
Travel Time (hr)	793.0	745.6	800.3	773.0
Total Delay (hr)	728.4	682.0	734.7	708.7
Total Stops	6106	6200	6045	6252
Fuel Used (gal)	238.7	227.0	241.2	233.8

SimTraffic Simulation Summary

Future 2035 No-Build AM Peak

Interval #3 Information

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1749	1753	1708	1712	1713	1649	1690
Vehs Exited	1697	1682	1653	1703	1694	1638	1730
Starting Vehs	1644	1587	1665	1596	1585	1705	1662
Ending Vehs	1696	1658	1720	1605	1604	1716	1622
Travel Distance (mi)	2382	2296	2351	2304	2360	2180	2328
Travel Time (hr)	937.5	1015.7	915.8	883.2	881.6	930.2	928.4
Total Delay (hr)	871.7	951.9	851.1	819.5	816.4	869.4	864.0
Total Stops	6282	5725	6391	6104	6362	5744	5787
Fuel Used (gal)	271.9	289.1	266.5	258.6	258.8	265.1	270.0

Interval #3 Information

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1731	1704	1809	1719
Vehs Exited	1669	1719	1732	1689
Starting Vehs	1578	1612	1600	1617
Ending Vehs	1640	1597	1677	1648
Travel Distance (mi)	2275	2332	2391	2320
Travel Time (hr)	951.8	908.8	949.5	930.2
Total Delay (hr)	888.8	843.9	883.0	866.0
Total Stops	5921	5893	6556	6077
Fuel Used (gal)	273.2	265.6	276.3	269.5

Interval #4 Information Recording

Start Time	7:30
End Time	7:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1782	1688	1792	1683	1791	1673	1798
Vehs Exited	1715	1649	1692	1622	1712	1653	1766
Starting Vehs	1696	1658	1720	1605	1604	1716	1622
Ending Vehs	1763	1697	1820	1666	1683	1736	1654
Travel Distance (mi)	2393	2252	2357	2217	2340	2321	2359
Travel Time (hr)	1093.4	1176.5	1081.6	1035.8	1038.5	1098.7	1079.8
Total Delay (hr)	1027.1	1114.2	1016.1	974.3	973.5	1034.7	1014.3
Total Stops	6462	5887	6736	5756	6412	6160	6145
Fuel Used (gal)	307.3	324.2	302.9	289.4	294.6	307.0	304.5

Interval #4 Information Recording

Start Time	7:30
End Time	7:45
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1757	1756	1686	1736
Vehs Exited	1717	1736	1627	1687
Starting Vehs	1640	1597	1677	1648
Ending Vehs	1680	1617	1736	1701
Travel Distance (mi)	2348	2324	2271	2318
Travel Time (hr)	1095.2	1064.4	1111.8	1087.6
Total Delay (hr)	1030.1	1000.0	1049.1	1023.3
Total Stops	6323	5936	6517	6227
Fuel Used (gal)	307.9	301.1	309.8	304.9

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	2.7	1.9	0.0	0.2	0.2
Total Delay (hr)	0.7	0.5	2.7	0.6	4.5
Total Del/Veh (s)	24.3	47.6	5.0	3.2	5.7
Travel Time (hr)	1.3	0.6	10.5	2.1	14.4
Avg Speed (mph)	9	4	33	30	29
Vehicles Entered	108	34	1961	733	2836
Vehicles Exited	107	34	1962	734	2837
Hourly Exit Rate	107	34	1962	734	2837
Input Volume	105	34	2757	754	3650
% of Volume	102	100	71	97	78

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by approach

Approach	NW	NE	SW	All
Denied Delay (hr)	175.8	0.0	0.0	175.8
Denied Del/Veh (s)	2145.5	0.0	0.0	206.8
Total Delay (hr)	23.9	1.0	0.5	25.5
Total Del/Veh (s)	1090.3	1.8	2.3	32.0
Travel Time (hr)	200.0	10.7	5.7	216.4
Avg Speed (mph)	0	39	40	16
Vehicles Entered	55	1946	819	2820
Vehicles Exited	55	1946	820	2821
Hourly Exit Rate	55	1946	820	2821
Input Volume	188	2695	839	3722
% of Volume	29	72	98	76

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	11.4	3.9	15.3
Total Del/Veh (s)	14.7	16.9	15.3
Travel Time (hr)	27.3	9.2	36.5
Avg Speed (mph)	18	19	19
Vehicles Entered	2741	829	3570
Vehicles Exited	2742	827	3569
Hourly Exit Rate	2742	827	3569
Input Volume	3797	913	4710
% of Volume	72	91	76

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	6.9	236.8	0.0	0.0	243.7
Denied Del/Veh (s)	18.3	813.5	0.0	0.0	171.7
Total Delay (hr)	31.9	79.0	33.0	4.9	148.8
Total Del/Veh (s)	83.7	369.7	58.7	23.9	109.2
Travel Time (hr)	42.3	321.8	45.8	8.9	418.9
Avg Speed (mph)	3	2	9	14	5
Vehicles Entered	1350	673	1981	723	4727
Vehicles Exited	1332	676	1991	734	4733
Hourly Exit Rate	1332	676	1991	734	4733
Input Volume	1949	945	2649	796	6339
% of Volume	68	72	75	92	75

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.2	204.8	0.5	0.0	205.5
Denied Del/Veh (s)	1.1	1657.0	1.2	0.0	236.6
Total Delay (hr)	8.5	28.8	40.8	3.3	81.3
Total Del/Veh (s)	55.0	563.9	93.2	18.9	99.7
Travel Time (hr)	12.4	234.9	46.4	7.6	301.3
Avg Speed (mph)	7	1	4	17	4
Vehicles Entered	545	158	1517	619	2839
Vehicles Exited	538	154	1530	619	2841
Hourly Exit Rate	538	154	1530	619	2841
Input Volume	550	317	2105	794	3766
% of Volume	98	49	73	78	75

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0
Total Delay (hr)	0.1	0.8	75.9	0.7	77.5
Total Del/Veh (s)	45.0	58.6	177.1	4.0	125.0
Travel Time (hr)	0.1	1.1	82.9	3.5	87.6
Avg Speed (mph)	5	4	4	34	5
Vehicles Entered	6	51	1471	632	2160
Vehicles Exited	6	51	1451	625	2133
Hourly Exit Rate	6	51	1451	625	2133
Input Volume	6	53	2047	815	2921
% of Volume	100	96	71	77	73

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by approach

Approach	EB	NB	SB	All
Denied Delay (hr)	0.0	3.9	0.0	3.9
Denied Del/Veh (s)	0.1	9.5	0.0	6.7
Total Delay (hr)	0.0	119.5	0.3	119.8
Total Del/Veh (s)	16.1	266.8	1.9	193.6
Travel Time (hr)	0.1	134.9	3.3	138.2
Avg Speed (mph)	8	4	39	5
Vehicles Entered	6	1473	610	2089
Vehicles Exited	5	1486	608	2099
Hourly Exit Rate	5	1486	608	2099
Input Volume	5	2065	793	2863
% of Volume	100	72	77	73

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	39.8	0.0	1.7	0.0	41.6
Denied Del/Veh (s)	497.5	0.2	4.6	0.0	60.6
Total Delay (hr)	15.7	3.5	27.8	5.6	52.5
Total Del/Veh (s)	239.8	50.9	72.1	34.9	77.3
Travel Time (hr)	56.1	4.7	32.1	10.0	102.9
Avg Speed (mph)	1	6	3	19	5
Vehicles Entered	219	242	1369	566	2396
Vehicles Exited	217	241	1357	546	2361
Hourly Exit Rate	217	241	1357	546	2361
Input Volume	265	239	1996	739	3239
% of Volume	82	101	68	74	73

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by approach

Approach	EB	WB	SB	All
Denied Delay (hr)	129.4	0.0	6.0	135.4
Denied Del/Veh (s)	1878.0	0.0	37.0	556.3
Total Delay (hr)	20.5	0.0	30.7	51.3
Total Del/Veh (s)	1086.6	3.2	187.9	263.3
Travel Time (hr)	150.0	0.1	39.7	189.8
Avg Speed (mph)	0	15	3	2
Vehicles Entered	47	45	567	659
Vehicles Exited	48	45	542	635
Hourly Exit Rate	48	45	542	635
Input Volume	193	71	754	1018
% of Volume	25	63	72	62

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by approach

Approach	EB	WB	NB	All
Denied Delay (hr)	0.7	4.9	35.7	41.2
Denied Del/Veh (s)	26.5	60.5	98.5	88.1
Total Delay (hr)	7.7	13.2	263.5	284.4
Total Del/Veh (s)	278.5	166.7	667.0	566.9
Travel Time (hr)	8.6	19.1	316.6	344.2
Avg Speed (mph)	1	2	3	3
Vehicles Entered	91	274	1233	1598
Vehicles Exited	91	265	1132	1488
Hourly Exit Rate	91	265	1132	1488
Input Volume	268	280	1670	2218
% of Volume	34	95	68	67

11: Performance by approach

Approach	SB	NW	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.3	0.0	0.2
Total Delay (hr)	13.9	0.0	13.9
Total Del/Veh (s)	104.8	5.0	102.0
Travel Time (hr)	17.1	0.0	17.1
Avg Speed (mph)	8	11	8
Vehicles Entered	474	14	488
Vehicles Exited	435	14	449
Hourly Exit Rate	435	14	449
Input Volume	640	30	670
% of Volume	68	47	67

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by approach

Approach	NB	SE	NW	All
Denied Delay (hr)	97.3	0.0	5.2	102.4
Denied Del/Veh (s)	229.9	0.0	404.6	231.5
Total Delay (hr)	20.7	5.0	7.0	32.7
Total Del/Veh (s)	59.3	746.8	968.5	90.0
Travel Time (hr)	120.0	5.0	12.2	137.2
Avg Speed (mph)	4	0	0	3
Vehicles Entered	1257	24	26	1307
Vehicles Exited	1227	17	14	1258
Hourly Exit Rate	1227	17	14	1258
Input Volume	1535	79	45	1659
% of Volume	80	22	31	76

24: Jeff Davis Hwy (Rt-1) Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	5.0	0.4	5.5
Denied Del/Veh (s)	13.2	2.6	10.0
Total Delay (hr)	55.7	3.7	59.4
Total Del/Veh (s)	140.4	22.9	106.2
Travel Time (hr)	66.1	6.0	72.2
Avg Speed (mph)	4	8	4
Vehicles Entered	1364	583	1947
Vehicles Exited	1351	570	1921
Hourly Exit Rate	1351	570	1921
Input Volume	1997	750	2747
% of Volume	68	76	70

93: Garrisonville Road Performance by approach

Approach	EB	WB	SW	All
Denied Delay (hr)	883.2	0.0	0.0	883.2
Denied Del/Veh (s)	881.2	0.0	0.2	630.8
Total Delay (hr)	286.0	0.6	0.1	286.7
Total Del/Veh (s)	401.6	1.7	1.2	258.1
Travel Time (hr)	1197.4	4.3	0.7	1202.3
Avg Speed (mph)	3	21	23	3
Vehicles Entered	2252	1241	191	3684
Vehicles Exited	2240	1239	191	3670
Hourly Exit Rate	2240	1239	191	3670
Input Volume	3231	1547	194	4972
% of Volume	69	80	98	74

Total Network Performance

Denied Delay (hr)	1838.3
Denied Del/Veh (s)	661.1
Total Delay (hr)	1321.8
Total Del/Veh (s)	561.7
Travel Time (hr)	3417.8
Avg Speed (mph)	6
Vehicles Entered	7067
Vehicles Exited	6771
Hourly Exit Rate	6771
Input Volume	60514
% of Volume	11



Arterial Level of Service: NB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Foreston Woods Dr	8	-	-	0.1	-
	7	261.4	296.8	0.3	4
Aquia Park Dr	6	177.4	193.7	0.2	4
	42	145.1	164.2	0.2	4
Aquia Town Center	5	99.1	111.9	0.1	4
Washington Dr	4	61.1	82.3	0.2	9
I-95 On Ramp	3	6.7	25.7	0.2	25
Coachman Circle S	2	1.8	19.6	0.2	40
	20	1.9	24.6	0.3	41
Port Aquia Dr	1	5.0	19.0	0.2	33
<b>Total</b>		<b>759.6</b>	<b>937.9</b>	<b>2.0</b>	<b>8</b>

Arterial Level of Service: SB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Port Aquia Dr	1	3.1	10.2	0.1	33
	20	1.4	15.7	0.2	41
	2	1.8	24.4	0.3	42
I-95 On Ramp	3	16.7	39.0	0.2	20
Garrisonville Road	4	41.1	58.2	0.2	11
I-95 Off Ramp	5	5.3	27.3	0.2	28
	42	1.7	14.2	0.1	30
Aquia Park Dr	6	3.8	19.8	0.2	35
Aquia Comm Center	7	2.0	18.8	0.2	41
Austin Park Dr	8	32.2	59.0	0.3	21
Jeff Davis Hwy (Rt-1)	24	23.7	38.0	0.1	8
Bells Hill Rd	9	-	-	0.2	-
	21	4.5	33.7	0.4	39
<b>Total</b>		<b>137.3</b>	<b>358.1</b>	<b>2.6</b>	<b>27</b>

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	91	67	90	54	33	211	225	18	31	122	153	35
Average Queue (ft)	37	33	23	12	6	77	91	1	2	42	34	2
95th Queue (ft)	84	59	67	40	24	174	193	8	16	104	93	15
Link Distance (ft)	519		363			862	862			445	445	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)	0		26	8		0	0					
Queuing Penalty (veh)	0		4	1		0	0					

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	NW	NE	SW	SW
Directions Served	LTR	R	LT	TR
Maximum Queue (ft)	543	2	73	34
Average Queue (ft)	529	0	15	1
95th Queue (ft)	544	2	51	21
Link Distance (ft)	518		1441	1441
Upstream Blk Time (%)	100			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		340		
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	SB	SB	SB
Directions Served	L	T	T	T	T	TR
Maximum Queue (ft)	365	629	620	169	265	357
Average Queue (ft)	294	146	58	59	107	181
95th Queue (ft)	412	524	333	130	220	305
Link Distance (ft)		841	841	1091	1091	1091
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	365					
Storage Blk Time (%)	8	5				
Queuing Penalty (veh)	109	54				

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	L	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	407	408	170	168	221	1562	1554	295	196	639	977	944
Average Queue (ft)	388	387	70	28	106	1539	1542	295	108	242	494	491
95th Queue (ft)	396	397	142	101	205	1566	1546	295	170	600	874	871
Link Distance (ft)	147	147	147	147		1527	1527				1016	1016
Upstream Blk Time (%)	76	76	1	0		46	98				0	0
Queuing Penalty (veh)	366	367	6	2		0	0				2	1
Storage Bay Dist (ft)					225			295	640	640		
Storage Blk Time (%)					1	3	65	74		0	4	1
Queuing Penalty (veh)					2	6	263	137		2	24	0

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	298	52	153	181	128	193
Average Queue (ft)	18	10	79	87	67	100
95th Queue (ft)	196	33	136	152	116	169
Link Distance (ft)			841	841	841	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)	910	315			575	
Storage Blk Time (%)	0					
Queuing Penalty (veh)	0					

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	EB	EB	WB	WB	WB	NB	NB	NB	B42	B42	SB	SB
Directions Served	L	TR	L	L	R	T	T	R	T	T	L	L
Maximum Queue (ft)	634	245	54	631	639	660	648	554	988	998	62	80
Average Queue (ft)	368	120	5	568	619	630	627	389	966	967	11	28
95th Queue (ft)	583	288	29	791	631	646	638	791	980	984	38	59
Link Distance (ft)	876			603	603	554	554		951	951		
Upstream Blk Time (%)	0			52	99	66	57	1	30	28		
Queuing Penalty (veh)	0			0	0	687	593	0	312	296		
Storage Bay Dist (ft)		245	250					565			290	290
Storage Blk Time (%)	28	0		0			57	1				
Queuing Penalty (veh)	27	2		0			89	10				

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	SB	SB
Directions Served	T	T
Maximum Queue (ft)	171	188
Average Queue (ft)	66	86
95th Queue (ft)	139	158
Link Distance (ft)	1016	1016
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LTR	L	T	T	R	UL	T	T	R
Maximum Queue (ft)	33	12	120	300	1081	1091	28	32	124	140	20
Average Queue (ft)	4	1	38	42	1062	1064	1	5	26	36	1
95th Queue (ft)	20	8	87	213	1075	1081	21	22	77	101	10
Link Distance (ft)	490	490	399		1037	1037			951	951	
Upstream Blk Time (%)					47	49					
Queuing Penalty (veh)					484	506					
Storage Bay Dist (ft)				300			145	270			290
Storage Blk Time (%)				0	75	69	0				
Queuing Penalty (veh)				1	10	1	0				

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	NB	NB	SB
Directions Served	LTR	LT	T	R
Maximum Queue (ft)	24	1738	1750	10
Average Queue (ft)	4	1707	1711	1
95th Queue (ft)	18	1749	1747	7
Link Distance (ft)	391	1708	1708	
Upstream Blk Time (%)		7	8	
Queuing Penalty (veh)		73	81	
Storage Bay Dist (ft)				195
Storage Blk Time (%)			79	
Queuing Penalty (veh)			0	

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	384	110	224	240	250	381	396	340	179	340	366	157
Average Queue (ft)	367	94	86	95	207	356	358	91	66	91	106	26
95th Queue (ft)	383	151	235	200	322	370	378	333	155	334	364	147
Link Distance (ft)	352		604	604		342	342			1708	1708	
Upstream Blk Time (%)	94		0	0		51	51	0				
Queuing Penalty (veh)	0		0	0		498	503	0				
Storage Bay Dist (ft)		110			250			340	260			400
Storage Blk Time (%)	89	7			3	65	52	0	0	5	4	0
Queuing Penalty (veh)	95	11			22	117	27	3	0	4	4	0

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	WB	SB	SB	SB	SB
Directions Served	TR	LT	L	T	T	R
Maximum Queue (ft)	458	41	200	774	782	246
Average Queue (ft)	448	4	188	556	514	35
95th Queue (ft)	459	23	230	949	946	139
Link Distance (ft)	437	193		831	831	
Upstream Blk Time (%)	100			15	11	
Queuing Penalty (veh)	0			53	38	
Storage Bay Dist (ft)			200			270
Storage Blk Time (%)			82	78	5	0
Queuing Penalty (veh)			217	62	6	0

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB	NB
Directions Served	LT	TR	L	T	T	R
Maximum Queue (ft)	212	490	165	3568	3578	685
Average Queue (ft)	200	368	67	3313	3316	301
95th Queue (ft)	214	580	186	4180	4191	856
Link Distance (ft)	193	474		3536	3536	
Upstream Blk Time (%)	73	32		26	39	
Queuing Penalty (veh)	195	0		210	312	
Storage Bay Dist (ft)			165			685
Storage Blk Time (%)			0	76	84	1
Queuing Penalty (veh)			1	43	28	4

Intersection: 11:

Movement	SB	SB	SB	NW
Directions Served	L	T	T	L
Maximum Queue (ft)	262	885	857	33
Average Queue (ft)	144	274	184	10
95th Queue (ft)	344	840	663	34
Link Distance (ft)		1652	1652	145
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	270			
Storage Blk Time (%)	41			
Queuing Penalty (veh)	106			

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	NB	NB	NB	SE	NW
Directions Served	LT	T	R	LT	TR
Maximum Queue (ft)	375	375	100	155	266
Average Queue (ft)	271	266	24	113	157
95th Queue (ft)	540	539	95	194	328
Link Distance (ft)	360	360		145	259
Upstream Blk Time (%)	66	65		64	45
Queuing Penalty (veh)	0	0		51	0
Storage Bay Dist (ft)			100		
Storage Blk Time (%)		68	0		
Queuing Penalty (veh)		12	3		

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	R	R
Maximum Queue (ft)	855	854	187	181
Average Queue (ft)	825	828	50	48
95th Queue (ft)	873	872	237	237
Link Distance (ft)	823	823	342	342
Upstream Blk Time (%)	20	25	6	7
Queuing Penalty (veh)	194	245	24	27
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	SW
Directions Served	T	T	T	T	R	T	R
Maximum Queue (ft)	2262	2262	2264	2260	2257	8	55
Average Queue (ft)	2231	2231	2232	2231	2224	0	15
95th Queue (ft)	2247	2246	2249	2246	2257	5	44
Link Distance (ft)	2213	2213	2213	2213	2213	147	456
Upstream Blk Time (%)	90	89	77	63	29		
Queuing Penalty (veh)	0	0	0	0	0		
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Network Summary

Network wide Queuing Penalty: 7635
------------------------------------

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	4:15	4:15	4:15	4:15	4:15	4:15	4:15
End Time	6:10	6:10	6:10	6:10	6:10	6:10	6:10
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6757	6992	7064	6657	6750	6444	6530
Vehs Exited	5856	6330	6750	5373	5715	6088	5691
Starting Vehs	1863	1381	1265	1393	1648	1673	1356
Ending Vehs	2764	2043	1579	2677	2683	2029	2195
Travel Distance (mi)	8963	9687	10381	8332	8955	9176	8926
Travel Time (hr)	4071.9	3957.8	3484.0	3840.8	4079.7	4282.4	4055.7
Total Delay (hr)	3820.9	3686.3	3194.4	3607.6	3828.4	4025.9	3807.8
Total Stops	28031	26076	20850	23787	25333	23810	22970
Fuel Used (gal)	1154.8	1152.8	1074.1	1094.4	1157.1	1212.3	1155.9

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	4:15	4:15	4:15	4:15
End Time	6:10	6:10	6:10	6:10
Total Time (min)	115	115	115	115
Time Recorded (min)	55	55	55	55
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	6845	7363	6673	6806
Vehs Exited	5444	6403	6190	5983
Starting Vehs	1247	1292	1405	1449
Ending Vehs	2648	2252	1888	2271
Travel Distance (mi)	8760	9970	9480	9263
Travel Time (hr)	3937.1	3338.3	3843.8	3889.2
Total Delay (hr)	3691.8	3059.5	3579.7	3630.2
Total Stops	25500	26344	24445	24712
Fuel Used (gal)	1123.4	1025.6	1126.2	1127.7

Interval #0 Information Seeding

Start Time	4:15
End Time	5:15
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	



Interval #1 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	1	10	2	3	4	5	6
Vehs Entered	2066	1900	2071	1949	1839	1797	1930
Vehs Exited	1984	1623	2015	1633	1666	1685	1726
Starting Vehs	1863	1381	1265	1393	1648	1673	1356
Ending Vehs	1945	1658	1321	1709	1821	1785	1560
Travel Distance (mi)	2881	2590	3063	2495	2544	2541	2685
Travel Time (hr)	823.3	808.4	723.7	666.9	804.3	873.7	713.0
Total Delay (hr)	742.4	736.0	637.8	597.7	733.1	802.0	638.4
Total Stops	7807	6878	5891	5811	6614	6583	6272
Fuel Used (gal)	261.4	253.2	248.3	219.2	249.9	265.2	233.8

Interval #1 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	7	8	9	Avg
Vehs Entered	2055	2156	1988	1971
Vehs Exited	1563	2028	1681	1760
Starting Vehs	1247	1292	1405	1449
Ending Vehs	1739	1420	1712	1664
Travel Distance (mi)	2590	3132	2699	2722
Travel Time (hr)	693.1	651.8	795.8	755.4
Total Delay (hr)	621.4	564.1	720.9	679.4
Total Stops	6505	7496	6449	6631
Fuel Used (gal)	227.5	233.8	254.2	244.6

Interval #2 Information Recording

Start Time	5:30
End Time	5:45
Total Time (min)	15

Volumes adjusted by PHF, Growth Factors.

Run Number	1	10	2	3	4	5	6
Vehs Entered	2201	2240	2156	1799	1957	1797	1690
Vehs Exited	1968	1971	2018	1506	1753	1947	1370
Starting Vehs	1945	1658	1321	1709	1821	1785	1560
Ending Vehs	2178	1927	1459	2002	2025	1635	1880
Travel Distance (mi)	3118	3013	3137	2349	2730	2843	2190
Travel Time (hr)	1006.1	976.9	879.8	930.8	1000.1	1059.8	1025.1
Total Delay (hr)	918.5	892.1	791.7	865.0	923.7	980.6	964.5
Total Stops	9979	7776	6364	6424	6838	7185	5656
Fuel Used (gal)	308.0	301.3	285.2	273.9	297.4	315.1	290.7

Interval #2 Information Recording

Start Time	5:30
End Time	5:45
Total Time (min)	15

Volumes adjusted by PHF, Growth Factors.

Run Number	7	8	9	Avg
Vehs Entered	2016	2162	1976	1997
Vehs Exited	1768	1882	2086	1825
Starting Vehs	1739	1420	1712	1664
Ending Vehs	1987	1700	1602	1835
Travel Distance (mi)	2754	2915	2995	2804
Travel Time (hr)	938.9	820.9	946.9	958.5
Total Delay (hr)	861.9	739.7	862.9	880.0
Total Stops	7549	8053	7671	7345
Fuel Used (gal)	285.4	265.3	295.6	291.8

SimTraffic Simulation Summary

Future 2035 No Build

PM Peak

Interval #3 Information Recording

Start Time	5:45
End Time	6:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1587	1619	1750	1717	1769	1739	1820
Vehs Exited	1301	1446	1720	1283	1440	1480	1626
Starting Vehs	2178	1927	1459	2002	2025	1635	1880
Ending Vehs	2464	2100	1489	2436	2354	1894	2074
Travel Distance (mi)	1999	2223	2628	2053	2305	2266	2528
Travel Time (hr)	1212.7	1219.6	1031.6	1229.0	1248.1	1324.6	1302.7
Total Delay (hr)	1157.4	1157.6	958.8	1171.6	1184.0	1261.3	1232.3
Total Stops	6583	6214	4947	6720	6948	5835	6598
Fuel Used (gal)	326.9	333.9	306.2	333.8	342.6	360.1	360.8

Interval #3 Information Recording

Start Time	5:45
End Time	6:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1313	1737	1544	1655
Vehs Exited	866	1515	1441	1409
Starting Vehs	1987	1700	1602	1835
Ending Vehs	2434	1922	1705	2081
Travel Distance (mi)	1551	2284	2289	2213
Travel Time (hr)	1260.3	1021.5	1157.0	1200.7
Total Delay (hr)	1217.4	957.9	1093.9	1139.2
Total Stops	4645	5848	6089	6044
Fuel Used (gal)	326.3	291.9	322.8	330.5

SimTraffic Simulation Summary

Future 2035 No Build

PM Peak

Interval #4 Information Recording

Start Time	6:00
End Time	6:10
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	903	1233	1087	1192	1185	1111	1090
Vehs Exited	603	1290	997	951	856	976	969
Starting Vehs	2464	2100	1489	2436	2354	1894	2074
Ending Vehs	2764	2043	1579	2677	2683	2029	2195
Travel Distance (mi)	965	1860	1553	1435	1377	1526	1523
Travel Time (hr)	1029.8	953.0	848.9	1014.1	1027.1	1024.3	1014.9
Total Delay (hr)	1002.6	900.7	806.0	973.3	987.7	982.0	972.7
Total Stops	3662	5208	3648	4832	4933	4207	4444
Fuel Used (gal)	258.5	264.5	234.5	267.5	267.2	271.9	270.5

Interval #4 Information Recording

Start Time	6:00
End Time	6:10
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1461	1308	1165	1174
Vehs Exited	1247	978	982	985
Starting Vehs	2434	1922	1705	2081
Ending Vehs	2648	2252	1888	2271
Travel Distance (mi)	1865	1639	1498	1524
Travel Time (hr)	1044.7	844.1	944.1	974.5
Total Delay (hr)	991.1	797.9	902.0	931.6
Total Stops	6801	4947	4236	4689
Fuel Used (gal)	284.2	234.7	253.7	260.7

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	278.6	4.9
Denied Del/Veh (s)	0.3	4.0	0.2	0.1	4.3	0.0	0.0	0.0	0.1	400.6	383.6	366.7
Total Delay (hr)	0.4	0.1	0.7	0.0	0.1	0.1	0.3	0.6	0.0	0.1	19.4	0.2
Total Del/Veh (s)	63.8	5.8	62.4	81.2	31.6	53.2	44.9	4.5	2.0	22.2	31.7	17.1
Travel Time (hr)	0.4	0.3	0.8	0.0	0.1	0.1	0.4	2.4	0.0	2.7	302.2	5.2
Avg Speed (mph)	4	14	4	4	6	8	10	34	31	9	8	10
Vehicles Entered	20	54	40	1	7	4	24	470	6	20	2188	40
Vehicles Exited	21	54	40	1	7	4	24	471	6	20	2187	40
Hourly Exit Rate	23	59	44	1	8	4	26	514	7	22	2386	44
Input Volume	22	59	46	1	6	9	72	1119	12	25	2633	46
% of Volume	104	100	95	109	127	48	36	46	55	87	91	95

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement

Movement	All
Denied Delay (hr)	286.1
Denied Del/Veh (s)	311.0
Total Delay (hr)	22.0
Total Del/Veh (s)	27.3
Travel Time (hr)	314.9
Avg Speed (mph)	10
Vehicles Entered	2874
Vehicles Exited	2875
Hourly Exit Rate	3136
Input Volume	4050
% of Volume	77

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by movement

Movement	SET	NWL	NWR	NET	NER	SWL	SWT	All
Denied Delay (hr)	0.0	89.2	54.0	0.0	0.0	0.0	0.0	143.3
Denied Del/Veh (s)	0.1	2184.4	2262.4	0.0	0.2	0.0	0.0	170.4
Total Delay (hr)	0.2	18.4	11.2	0.2	0.0	1.2	56.1	87.3
Total Del/Veh (s)	412.1	2289.3	2232.8	1.1	1.2	80.5	89.1	108.4
Travel Time (hr)	0.2	107.7	65.2	2.6	0.2	1.6	70.1	247.6
Avg Speed (mph)	0	0	0	41	33	9	9	7
Vehicles Entered	1	9	6	495	30	52	2216	2809
Vehicles Exited	2	9	6	497	30	51	2180	2775
Hourly Exit Rate	2	10	7	542	33	56	2378	3027
Input Volume	1	98	58	1158	74	62	2686	4137
% of Volume	218	10	11	47	44	90	89	73

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by movement

Movement	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1
Total Delay (hr)	29.9	3.3	82.3	1.3	116.8
Total Del/Veh (s)	742.2	22.5	131.3	142.0	142.0
Travel Time (hr)	30.6	6.3	95.8	1.6	134.2
Avg Speed (mph)	1	15	5	4	4
Vehicles Entered	114	522	2158	32	2826
Vehicles Exited	110	520	2130	32	2792
Hourly Exit Rate	120	567	2324	35	3046
Input Volume	366	1227	2742	43	4378
% of Volume	33	46	85	81	70

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	EBU	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT
Denied Delay (hr)	0.0	6.1	4.9	11.3	0.1	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Denied Del/Veh (s)	71.8	92.2	72.2	74.6	3.0	0.2	2.8	0.7	1.5	0.3	0.0	0.0
Total Delay (hr)	0.7	23.5	6.2	6.3	1.8	5.7	18.1	27.4	40.1	0.3	10.8	51.1
Total Del/Veh (s)	1261.5	328.5	90.9	41.8	74.6	85.6	652.4	252.2	377.0	16.8	229.1	180.8
Travel Time (hr)	0.7	30.3	11.5	19.3	2.6	7.6	18.9	29.8	42.4	0.9	11.7	55.8
Avg Speed (mph)	0	1	3	5	9	9	1	2	2	17	2	3
Vehicles Entered	1	231	235	528	84	232	85	339	333	71	163	958
Vehicles Exited	2	233	238	533	82	230	72	357	335	72	160	957
Hourly Exit Rate	2	254	260	581	89	251	79	389	365	79	175	1044
Input Volume	6	792	708	1329	89	257	99	740	713	148	213	1220
% of Volume	36	32	37	44	101	98	79	53	51	53	82	86

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	SBR	All
Denied Delay (hr)	0.0	22.6
Denied Del/Veh (s)	0.0	19.0
Total Delay (hr)	9.1	201.2
Total Del/Veh (s)	32.2	160.1
Travel Time (hr)	15.0	246.6
Avg Speed (mph)	11	3
Vehicles Entered	1007	4267
Vehicles Exited	1006	4277
Hourly Exit Rate	1097	4666
Input Volume	1308	7622
% of Volume	84	61

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBT	NBR	SBU	SBL	SBT	All
Denied Delay (hr)	78.1	20.0	13.4	77.1	79.4	0.0	0.0	0.0	0.0	0.0	267.9
Denied Del/Veh (s)	1026.3	997.5	1001.9	1322.0	1335.2	0.0	0.0	0.0	0.0	0.0	322.6
Total Delay (hr)	26.9	5.5	3.6	3.3	24.7	35.8	0.3	0.1	1.6	14.0	115.8
Total Del/Veh (s)	632.9	492.7	503.4	139.7	824.5	223.7	19.9	139.0	83.4	33.2	158.0
Travel Time (hr)	105.9	25.7	17.2	81.0	104.7	37.6	0.5	0.1	2.1	24.1	398.8
Avg Speed (mph)	1	1	1	2	0	2	12	4	7	13	3
Vehicles Entered	123	33	21	77	79	542	56	2	66	1506	2505
Vehicles Exited	120	35	22	80	79	536	56	2	67	1486	2483
Hourly Exit Rate	131	38	24	87	86	585	61	2	73	1621	2709
Input Volume	261	72	49	188	195	1137	117	3	104	2530	4656
% of Volume	50	53	49	46	44	51	52	73	70	64	58

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by movement

Movement	EBL	EBR	WBL	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Denied Delay (hr)	0.9	0.3	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	35.1	43.4	0.1	0.2	0.0	0.0	18.8	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	6.5	0.2	0.2	1.5	0.2	2.2	66.3	0.2	0.0	0.2	10.4	0.3
Total Del/Veh (s)	244.3	33.0	229.4	242.5	280.3	292.8	391.1	215.1	0.0	28.6	25.3	15.3
Travel Time (hr)	7.8	0.6	0.2	1.6	0.3	2.3	72.0	0.2	0.0	0.4	16.9	0.8
Avg Speed (mph)	1	5	1	1	2	2	2	3	4	14	16	19
Vehicles Entered	90	24	3	21	3	26	585	3	0	28	1471	78
Vehicles Exited	87	23	3	20	3	24	523	2	0	28	1444	76
Hourly Exit Rate	95	25	3	22	3	26	571	2	0	31	1575	83
Input Volume	101	25	4	22	5	53	1136	5	1	44	2589	132
% of Volume	94	100	82	99	65	49	50	44	0	69	61	63

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by movement

Movement	All
Denied Delay (hr)	4.3
Denied Del/Veh (s)	6.6
Total Delay (hr)	88.3
Total Del/Veh (s)	133.7
Travel Time (hr)	103.1
Avg Speed (mph)	4
Vehicles Entered	2332
Vehicles Exited	2233
Hourly Exit Rate	2436
Input Volume	4117
% of Volume	59

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBT	All
Denied Delay (hr)	0.8	4.7	0.0	0.0	0.0	0.5	0.0	0.0	6.0
Denied Del/Veh (s)	226.9	327.9	0.1	0.1	0.0	2.5	0.0	0.0	9.5
Total Delay (hr)	2.4	8.2	0.0	1.3	0.3	85.2	0.1	8.5	106.1
Total Del/Veh (s)	1060.8	871.0	179.7	761.0	587.6	411.8	243.7	20.6	167.2
Travel Time (hr)	3.1	13.1	0.1	1.3	0.3	91.1	0.1	15.5	124.6
Avg Speed (mph)	0	0	1	0	2	2	4	20	5
Vehicles Entered	8	32	1	6	2	726	2	1472	2249
Vehicles Exited	4	19	0	2	2	611	1	1446	2085
Hourly Exit Rate	4	21	0	2	2	667	1	1577	2275
Input Volume	13	55	1	5	3	1176	3	2623	3879
% of Volume	34	38	0	44	73	57	36	60	59

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBU	SBL	SBT
Denied Delay (hr)	1.1	0.3	3.0	5.4	0.6	4.3	0.0	0.7	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	82.0	70.9	74.4	91.1	95.1	82.2	0.2	4.4	3.7	0.0	0.4	0.2
Total Delay (hr)	2.5	0.8	3.8	6.2	0.6	6.1	1.3	17.2	0.1	0.1	5.8	28.3
Total Del/Veh (s)	197.6	172.2	106.3	118.4	102.2	134.4	114.6	109.5	5.5	123.2	113.2	82.4
Travel Time (hr)	3.8	1.1	7.3	12.4	1.3	11.1	1.4	18.8	0.2	0.1	7.3	37.4
Avg Speed (mph)	1	1	2	3	3	2	2	2	16	7	8	11
Vehicles Entered	44	15	128	187	21	162	37	548	36	2	180	1201
Vehicles Exited	41	14	122	180	20	154	38	537	36	3	176	1169
Hourly Exit Rate	45	15	133	196	22	168	41	586	39	3	192	1275
Input Volume	57	17	155	230	23	205	58	924	62	5	337	2178
% of Volume	78	90	86	85	95	82	71	63	63	65	57	59

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	SBR	All
Denied Delay (hr)	0.0	15.6
Denied Del/Veh (s)	1.7	20.6
Total Delay (hr)	1.1	74.0
Total Del/Veh (s)	48.1	98.0
Travel Time (hr)	1.9	104.2
Avg Speed (mph)	15	7
Vehicles Entered	82	2643
Vehicles Exited	80	2570
Hourly Exit Rate	87	2804
Input Volume	160	4411
% of Volume	55	64



9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by movement

Movement	EBT	EBR	WBL	WBT	SBL	SBT	SBR	All
Denied Delay (hr)	2.2	0.1	0.0	0.0	0.4	0.4	0.1	3.2
Denied Del/Veh (s)	85.9	84.3	0.0	0.0	4.6	1.6	1.0	7.0
Total Delay (hr)	3.6	0.1	0.3	0.1	11.5	5.8	0.8	22.3
Total Del/Veh (s)	158.1	131.0	57.7	44.8	123.0	22.0	12.0	48.9
Travel Time (hr)	5.9	0.2	0.4	0.1	13.8	11.1	2.4	33.9
Avg Speed (mph)	1	1	2	3	4	14	17	8
Vehicles Entered	80	3	20	7	321	937	237	1605
Vehicles Exited	76	2	21	7	308	945	238	1597
Hourly Exit Rate	83	2	23	8	336	1031	260	1742
Input Volume	95	3	27	11	592	1588	409	2725
% of Volume	87	73	85	69	57	65	63	64

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by movement

Movement	EBL	EBT	WBT	WBR	NBL	NBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.3	2.8	0.1	0.3	0.0	3.5
Denied Del/Veh (s)	0.6	0.2	66.4	66.5	13.6	1.6	27.7	10.0
Total Delay (hr)	0.6	2.4	0.6	4.7	1.4	55.3	0.3	65.2
Total Del/Veh (s)	43.1	25.6	155.7	123.1	273.0	283.0	250.7	185.7
Travel Time (hr)	0.7	3.0	0.9	7.9	1.7	65.0	0.5	79.6
Avg Speed (mph)	3	5	2	2	6	6	7	6
Vehicles Entered	52	333	13	135	18	688	5	1244
Vehicles Exited	50	330	12	124	15	506	4	1041
Hourly Exit Rate	55	360	13	135	16	552	4	1136
Input Volume	92	596	14	165	23	792	6	1688
% of Volume	59	60	94	82	71	70	73	67

11: Performance by movement

Movement	SBL	SBT	NWL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	0.0
Total Delay (hr)	0.0	0.6	0.0	0.6
Total Del/Veh (s)	2.0	2.2	7.5	2.3
Travel Time (hr)	0.5	7.1	0.0	7.7
Avg Speed (mph)	37	41	10	40
Vehicles Entered	58	918	11	987
Vehicles Exited	59	917	11	987
Hourly Exit Rate	64	1000	12	1077
Input Volume	98	1515	14	1627
% of Volume	66	66	86	66

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by movement

Movement	NBL	NBT	NBR	SEL	SET	NWT	NWR	All
Denied Delay (hr)	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2
Denied Del/Veh (s)	0.4	1.2	3.8	0.0	0.0	0.1	0.1	1.1
Total Delay (hr)	0.0	1.0	0.0	0.1	0.1	0.0	0.1	1.3
Total Del/Veh (s)	10.5	5.6	1.0	12.0	10.9	9.2	13.6	6.3
Travel Time (hr)	0.0	2.3	0.1	0.2	0.1	0.0	0.1	2.8
Avg Speed (mph)	13	22	22	7	8	11	8	20
Vehicles Entered	8	652	13	42	17	3	19	754
Vehicles Exited	8	641	13	41	17	3	18	741
Hourly Exit Rate	9	699	14	45	19	3	20	808
Input Volume	10	712	14	72	26	4	22	860
% of Volume	87	98	101	62	71	82	89	94

24: Jeff Davis Hwy (Rt-1) Performance by movement

Movement	NBT	SBT	SBR	All
Denied Delay (hr)	0.8	0.0	0.4	1.2
Denied Del/Veh (s)	4.3	0.0	0.9	1.9
Total Delay (hr)	27.6	0.0	7.3	34.9
Total Del/Veh (s)	145.6	7.0	17.7	57.5
Travel Time (hr)	31.0	0.0	12.7	43.7
Avg Speed (mph)	4	15	9	5
Vehicles Entered	675	13	1480	2168
Vehicles Exited	620	13	1475	2108
Hourly Exit Rate	676	14	1609	2300
Input Volume	1044	23	2562	3629
% of Volume	65	62	63	63

93: Garrisonville Road Performance by movement

Movement	EBT	EBR	WBT	SWR	All
Denied Delay (hr)	1140.7	310.6	0.0	0.1	1451.4
Denied Del/Veh (s)	1323.0	1320.3	0.0	0.5	860.7
Total Delay (hr)	349.9	46.4	0.8	0.4	397.6
Total Del/Veh (s)	899.1	480.5	1.8	3.1	369.5
Travel Time (hr)	1505.9	361.8	5.7	2.3	1875.8
Avg Speed (mph)	1	3	19	20	2
Vehicles Entered	1066	289	1606	514	3475
Vehicles Exited	979	297	1606	513	3395
Hourly Exit Rate	1068	324	1752	560	3704
Input Volume	2807	748	2324	555	6434
% of Volume	38	43	75	101	58

**Total Network Performance**

Denied Delay (hr)	2205.4
Denied Del/Veh (s)	739.5
Total Delay (hr)	1424.9
Total Del/Veh (s)	621.5
Travel Time (hr)	3889.2
Avg Speed (mph)	6
Vehicles Entered	6806
Vehicles Exited	5983
Hourly Exit Rate	6527
Input Volume	74042
% of Volume	9

**Arterial Level of Service: NB Jeff Davis Hwy (Rt-1)**

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Foreston Woods Dr	8	-	-	0.1	-
	7	372.2	398.2	0.3	3
Aquia Park Dr	6	390.8	424.9	0.2	2
	42	317.3	334.8	0.2	2
Aquia Town Center	5	223.7	235.0	0.1	2
Washington Dr	4	350.2	370.0	0.2	2
I-95 On Ramp	3	21.7	40.6	0.2	16
Coachman Circle S	2	1.1	18.8	0.2	41
	20	1.4	24.1	0.3	42
Port Aquia Dr	1	4.5	18.6	0.2	34
<b>Total</b>		<b>1682.9</b>	<b>1865.1</b>	<b>2.0</b>	<b>4</b>

**Arterial Level of Service: SB Jeff Davis Hwy (Rt-1)**

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Port Aquia Dr	1	31.7	492.7	0.1	9
	20	34.7	48.9	0.2	13
	2	89.1	111.4	0.3	9
I-95 On Ramp	3	131.3	152.8	0.2	5
Garrisonville Road	4	180.8	197.3	0.2	3
I-95 Off Ramp	5	34.1	56.2	0.2	14
	42	8.1	20.5	0.1	21
Aquia Park Dr	6	25.3	41.0	0.2	17
Aquia Comm Center	7	20.5	37.2	0.2	21
Austin Park Dr	8	82.8	109.2	0.3	11
Jeff Davis Hwy (Rt-1)	24	19.3	31.8	0.1	9
Bells Hill Rd	9	-	-	0.2	-
	21	4.1	33.3	0.4	39
<b>Total</b>		<b>661.7</b>	<b>1332.2</b>	<b>2.6</b>	<b>11</b>

Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	101	92	143	30	99	127	123	12	227	488	478	270
Average Queue (ft)	28	31	46	5	22	28	35	1	31	452	452	67
95th Queue (ft)	75	64	107	24	65	93	103	7	147	554	544	250
Link Distance (ft)	392		402			862	862			445	445	
Upstream Blk Time (%)										29	31	
Queuing Penalty (veh)										0	0	
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)	0	0	47	1					0	25	27	0
Queuing Penalty (veh)	0	0	3	0					0	6	13	3

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	SE	NW	NE	NE	SW	SW	B20	B20	B20
Directions Served	LTR	LTR	T	R	LT	TR	T	T	
Maximum Queue (ft)	32	714	2	14	1456	1459	792	800	129
Average Queue (ft)	5	702	0	1	1019	1053	282	296	5
95th Queue (ft)	26	714	2	7	1977	2010	860	885	102
Link Distance (ft)	202	699	1092		1442	1442	862	862	862
Upstream Blk Time (%)		100			18	26	0	1	
Queuing Penalty (veh)		0			250	364	3	6	
Storage Bay Dist (ft)					340				
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	SB	SB	SB
Directions Served	L	T	T	T	T	TR
Maximum Queue (ft)	365	878	882	1131	1144	1133
Average Queue (ft)	345	797	333	978	1006	1016
95th Queue (ft)	431	1145	1011	1412	1417	1396
Link Distance (ft)		841	841	1092	1092	1092
Upstream Blk Time (%)		73	16	5	8	10
Queuing Penalty (veh)		584	124	50	70	96
Storage Bay Dist (ft)	365					
Storage Blk Time (%)	75	42				
Queuing Penalty (veh)	458	153				

Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	UL	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	395	407	405	412	208	866	895	295	612	640	1038	1042
Average Queue (ft)	377	259	206	257	91	410	519	224	289	431	1004	785
95th Queue (ft)	393	525	492	539	179	1007	1143	395	691	886	1132	1245
Link Distance (ft)	147	147	147	147		1500	1500				1017	1017
Upstream Blk Time (%)	99	51	32	33		0	1				54	20
Queuing Penalty (veh)	697	359	225	235		0	0				433	159
Storage Bay Dist (ft)					225			295	640	640		
Storage Blk Time (%)					0	1	42	48	1	8	62	24
Queuing Penalty (veh)					0	1	42	62	2	29	460	36

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	910	315	921	926	918	556
Average Queue (ft)	128	266	894	896	833	302
95th Queue (ft)	612	399	966	969	1099	503
Link Distance (ft)			841	841	841	
Upstream Blk Time (%)			62	58	13	
Queuing Penalty (veh)			565	534	117	
Storage Bay Dist (ft)	910	315				575
Storage Blk Time (%)	0	5	64		3	0
Queuing Penalty (veh)	1	31	136		16	3

Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	EB	EB	WB	WB	WB	NB	NB	NB	B42	B42	SB	SB
Directions Served	L	TR	L	L	R	T	T	R	T	T	UL	L
Maximum Queue (ft)	909	245	168	612	627	639	628	552	982	992	79	289
Average Queue (ft)	887	133	36	483	603	619	559	124	903	901	26	100
95th Queue (ft)	903	321	120	842	626	638	770	486	1219	1240	66	273
Link Distance (ft)	876			596	596	552	552		950	950		
Upstream Blk Time (%)	96			46	94	88	55	0	57	55		
Queuing Penalty (veh)	0			0	0	551	344	0	356	345		
Storage Bay Dist (ft)		245	250					565			290	290
Storage Blk Time (%)	90	2	0	0			55	0				0
Queuing Penalty (veh)	109	6	0	0			64	2				2

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	SB	SB
Directions Served	T	T
Maximum Queue (ft)	672	692
Average Queue (ft)	364	376
95th Queue (ft)	607	621
Link Distance (ft)	1017	1017
Upstream Blk Time (%)	1	1
Queuing Penalty (veh)	8	15
Storage Bay Dist (ft)		
Storage Blk Time (%)	19	
Queuing Penalty (veh)	20	

Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB	B42
Directions Served	LT	R	LTR	UL	T	T	R	UL	T	T	R	T
Maximum Queue (ft)	366	147	166	300	1075	1079	101	187	633	652	216	196
Average Queue (ft)	203	29	52	99	900	900	7	20	225	232	27	25
95th Queue (ft)	406	147	144	318	1448	1457	57	89	575	581	113	211
Link Distance (ft)	383	383	335		1036	1036			950	950		552
Upstream Blk Time (%)	14	2			65	66			4	4		2
Queuing Penalty (veh)	0	0			384	390			53	55		31
Storage Bay Dist (ft)				300			145	270				290
Storage Blk Time (%)				0	80	79	0	0	8	7		0
Queuing Penalty (veh)				1	46	4	0	0	3	9		1

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	B42
Directions Served	T
Maximum Queue (ft)	200
Average Queue (ft)	26
95th Queue (ft)	216
Link Distance (ft)	552
Upstream Blk Time (%)	3
Queuing Penalty (veh)	35
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	WB	NB	NB	NB	SB	SB
Directions Served	LTR	LTR	LT	T	R	LT	T
Maximum Queue (ft)	404	98	1617	1618	24	420	420
Average Queue (ft)	258	32	1129	1129	2	90	90
95th Queue (ft)	518	98	2302	2304	19	548	548
Link Distance (ft)	404	332	1709	1709		1036	1036
Upstream Blk Time (%)	45		28	30		4	4
Queuing Penalty (veh)	0		168	180		47	49
Storage Bay Dist (ft)					80		
Storage Blk Time (%)				74	0		9
Queuing Penalty (veh)				2	0		0



Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	R	UL	T	T	R
Maximum Queue (ft)	408	110	488	468	249	367	377	308	260	1321	1318	365
Average Queue (ft)	200	75	302	209	79	291	294	53	184	571	568	69
95th Queue (ft)	449	142	533	518	224	441	442	240	318	1489	1495	299
Link Distance (ft)	422		506	506		342	342			1709	1709	
Upstream Blk Time (%)	18		16	15		41	42	0		7	7	
Queuing Penalty (veh)	0		0	0		214	217	0		97	100	
Storage Bay Dist (ft)		110			250			340	260			400
Storage Blk Time (%)	35	13			0	53	43	0	6	24	21	0
Queuing Penalty (veh)	55	10			1	31	26	1	62	82	33	2

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	WB	SB	SB	SB	SB
Directions Served	TR	LT	L	T	T	R
Maximum Queue (ft)	195	96	200	796	816	268
Average Queue (ft)	122	24	185	426	352	56
95th Queue (ft)	210	71	229	881	822	178
Link Distance (ft)	172	184		822	822	
Upstream Blk Time (%)	27			18	6	
Queuing Penalty (veh)	0			226	77	
Storage Bay Dist (ft)			200			270
Storage Blk Time (%)			38	28	2	0
Queuing Penalty (veh)			296	164	8	1

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB	NB
Directions Served	LT	TR	L	T	T	R
Maximum Queue (ft)	186	377	144	2238	2244	164
Average Queue (ft)	106	167	32	803	807	11
95th Queue (ft)	209	409	108	2486	2476	132
Link Distance (ft)	184	400		3535	3535	
Upstream Blk Time (%)	22	19		4	4	
Queuing Penalty (veh)	150	0		14	15	
Storage Bay Dist (ft)			165			685
Storage Blk Time (%)			0	44	29	0
Queuing Penalty (veh)			0	10	2	0

Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 11:

Movement	NW
Directions Served	L
Maximum Queue (ft)	33
Average Queue (ft)	10
95th Queue (ft)	34
Link Distance (ft)	145
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	NB	NB	NB	SE	NW
Directions Served	LT	T	R	LT	TR
Maximum Queue (ft)	132	129	21	76	38
Average Queue (ft)	15	14	1	28	15
95th Queue (ft)	128	123	15	61	37
Link Distance (ft)	360	360		145	259
Upstream Blk Time (%)	2	2		0	
Queuing Penalty (veh)	0	0		0	
Storage Bay Dist (ft)			100		
Storage Blk Time (%)		3	0		
Queuing Penalty (veh)		0	0		

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	R	R
Maximum Queue (ft)	704	709	282	238
Average Queue (ft)	355	357	84	69
95th Queue (ft)	999	1000	319	288
Link Distance (ft)	822	822	342	342
Upstream Blk Time (%)	26	28	11	7
Queuing Penalty (veh)	134	142	147	89
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	2799	2811	2817	2811	2814	22	21	112
Average Queue (ft)	2738	2771	2784	2782	2771	1	1	32
95th Queue (ft)	2944	2889	2803	2804	2837	13	14	85
Link Distance (ft)	2770	2770	2770	2770	2770	147	147	456
Upstream Blk Time (%)	39	77	97	97	68			
Queuing Penalty (veh)	0	0	0	0	0			
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 12014
-------------------------------------

SimTraffic Simulation Summary

Future 2035 No Build  
PM Peak

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	4:15	4:15	4:15	4:15	4:15	4:15	4:15
End Time	6:10	6:10	6:10	6:10	6:10	6:10	6:10
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	6757	6992	7064	6657	6750	6444	6530
Vehs Exited	5856	6330	6750	5373	5715	6088	5691
Starting Vehs	1863	1381	1265	1393	1648	1673	1356
Ending Vehs	2764	2043	1579	2677	2683	2029	2195
Travel Distance (mi)	8963	9687	10381	8332	8955	9176	8926
Travel Time (hr)	4071.9	3957.8	3484.0	3840.8	4079.7	4282.4	4055.7
Total Delay (hr)	3820.9	3686.3	3194.4	3607.6	3828.4	4025.9	3807.8
Total Stops	28031	26076	20850	23787	25333	23810	22970
Fuel Used (gal)	1154.8	1152.8	1074.1	1094.4	1157.1	1212.3	1155.9

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	4:15	4:15	4:15	4:15
End Time	6:10	6:10	6:10	6:10
Total Time (min)	115	115	115	115
Time Recorded (min)	55	55	55	55
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	6845	7363	6673	6806
Vehs Exited	5444	6403	6190	5983
Starting Vehs	1247	1292	1405	1449
Ending Vehs	2648	2252	1888	2271
Travel Distance (mi)	8760	9970	9480	9263
Travel Time (hr)	3937.1	3338.3	3843.8	3889.2
Total Delay (hr)	3691.8	3059.5	3579.7	3630.2
Total Stops	25500	26344	24445	24712
Fuel Used (gal)	1123.4	1025.6	1126.2	1127.7

Interval #0 Information Seeding

Start Time	4:15
End Time	5:15
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

SimTraffic Simulation Summary

Future 2035 No Build

PM Peak

Interval #1 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	1	10	2	3	4	5	6
Vehs Entered	2066	1900	2071	1949	1839	1797	1930
Vehs Exited	1984	1623	2015	1633	1666	1685	1726
Starting Vehs	1863	1381	1265	1393	1648	1673	1356
Ending Vehs	1945	1658	1321	1709	1821	1785	1560
Travel Distance (mi)	2881	2590	3063	2495	2544	2541	2685
Travel Time (hr)	823.3	808.4	723.7	666.9	804.3	873.7	713.0
Total Delay (hr)	742.4	736.0	637.8	597.7	733.1	802.0	638.4
Total Stops	7807	6878	5891	5811	6614	6583	6272
Fuel Used (gal)	261.4	253.2	248.3	219.2	249.9	265.2	233.8

Interval #1 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	7	8	9	Avg
Vehs Entered	2055	2156	1988	1971
Vehs Exited	1563	2028	1681	1760
Starting Vehs	1247	1292	1405	1449
Ending Vehs	1739	1420	1712	1664
Travel Distance (mi)	2590	3132	2699	2722
Travel Time (hr)	693.1	651.8	795.8	755.4
Total Delay (hr)	621.4	564.1	720.9	679.4
Total Stops	6505	7496	6449	6631
Fuel Used (gal)	227.5	233.8	254.2	244.6

SimTraffic Simulation Summary

Future 2035 No Build

PM Peak

Interval #2 Information Recording

Start Time	5:30
End Time	5:45
Total Time (min)	15

Volumes adjusted by PHF, Growth Factors.

Run Number	1	10	2	3	4	5	6
Vehs Entered	2201	2240	2156	1799	1957	1797	1690
Vehs Exited	1968	1971	2018	1506	1753	1947	1370
Starting Vehs	1945	1658	1321	1709	1821	1785	1560
Ending Vehs	2178	1927	1459	2002	2025	1635	1880
Travel Distance (mi)	3118	3013	3137	2349	2730	2843	2190
Travel Time (hr)	1006.1	976.9	879.8	930.8	1000.1	1059.8	1025.1
Total Delay (hr)	918.5	892.1	791.7	865.0	923.7	980.6	964.5
Total Stops	9979	7776	6364	6424	6838	7185	5656
Fuel Used (gal)	308.0	301.3	285.2	273.9	297.4	315.1	290.7

Interval #2 Information Recording

Start Time	5:30
End Time	5:45
Total Time (min)	15

Volumes adjusted by PHF, Growth Factors.

Run Number	7	8	9	Avg
Vehs Entered	2016	2162	1976	1997
Vehs Exited	1768	1882	2086	1825
Starting Vehs	1739	1420	1712	1664
Ending Vehs	1987	1700	1602	1835
Travel Distance (mi)	2754	2915	2995	2804
Travel Time (hr)	938.9	820.9	946.9	958.5
Total Delay (hr)	861.9	739.7	862.9	880.0
Total Stops	7549	8053	7671	7345
Fuel Used (gal)	285.4	265.3	295.6	291.8

SimTraffic Simulation Summary

Future 2035 No Build

PM Peak

Interval #3 Information Recording

Start Time	5:45
End Time	6:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1587	1619	1750	1717	1769	1739	1820
Vehs Exited	1301	1446	1720	1283	1440	1480	1626
Starting Vehs	2178	1927	1459	2002	2025	1635	1880
Ending Vehs	2464	2100	1489	2436	2354	1894	2074
Travel Distance (mi)	1999	2223	2628	2053	2305	2266	2528
Travel Time (hr)	1212.7	1219.6	1031.6	1229.0	1248.1	1324.6	1302.7
Total Delay (hr)	1157.4	1157.6	958.8	1171.6	1184.0	1261.3	1232.3
Total Stops	6583	6214	4947	6720	6948	5835	6598
Fuel Used (gal)	326.9	333.9	306.2	333.8	342.6	360.1	360.8

Interval #3 Information Recording

Start Time	5:45
End Time	6:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1313	1737	1544	1655
Vehs Exited	866	1515	1441	1409
Starting Vehs	1987	1700	1602	1835
Ending Vehs	2434	1922	1705	2081
Travel Distance (mi)	1551	2284	2289	2213
Travel Time (hr)	1260.3	1021.5	1157.0	1200.7
Total Delay (hr)	1217.4	957.9	1093.9	1139.2
Total Stops	4645	5848	6089	6044
Fuel Used (gal)	326.3	291.9	322.8	330.5

SimTraffic Simulation Summary

Future 2035 No Build

PM Peak

Interval #4 Information Recording

Start Time	6:00
End Time	6:10
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	903	1233	1087	1192	1185	1111	1090
Vehs Exited	603	1290	997	951	856	976	969
Starting Vehs	2464	2100	1489	2436	2354	1894	2074
Ending Vehs	2764	2043	1579	2677	2683	2029	2195
Travel Distance (mi)	965	1860	1553	1435	1377	1526	1523
Travel Time (hr)	1029.8	953.0	848.9	1014.1	1027.1	1024.3	1014.9
Total Delay (hr)	1002.6	900.7	806.0	973.3	987.7	982.0	972.7
Total Stops	3662	5208	3648	4832	4933	4207	4444
Fuel Used (gal)	258.5	264.5	234.5	267.5	267.2	271.9	270.5

Interval #4 Information Recording

Start Time	6:00
End Time	6:10
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1461	1308	1165	1174
Vehs Exited	1247	978	982	985
Starting Vehs	2434	1922	1705	2081
Ending Vehs	2648	2252	1888	2271
Travel Distance (mi)	1865	1639	1498	1524
Travel Time (hr)	1044.7	844.1	944.1	974.5
Total Delay (hr)	991.1	797.9	902.0	931.6
Total Stops	6801	4947	4236	4689
Fuel Used (gal)	284.2	234.7	253.7	260.7



1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	286.1	286.1
Denied Del/Veh (s)	3.0	0.8	0.0	383.4	311.0
Total Delay (hr)	0.5	0.8	1.0	19.7	22.0
Total Del/Veh (s)	21.8	59.1	6.8	31.3	27.3
Travel Time (hr)	0.8	1.0	3.0	310.1	314.9
Avg Speed (mph)	8	4	30	8	10
Vehicles Entered	74	48	504	2248	2874
Vehicles Exited	75	48	505	2247	2875
Hourly Exit Rate	82	52	551	2451	3136
Input Volume	81	53	1212	2704	4050
% of Volume	101	99	45	91	77

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by approach

Approach	SE	NW	NE	SW	All
Denied Delay (hr)	0.0	143.2	0.0	0.0	143.3
Denied Del/Veh (s)	0.1	2213.2	0.0	0.0	170.4
Total Delay (hr)	0.2	29.6	0.2	57.3	87.3
Total Del/Veh (s)	412.1	2267.6	1.1	88.9	108.4
Travel Time (hr)	0.2	172.9	2.8	71.7	247.6
Avg Speed (mph)	0	0	40	9	7
Vehicles Entered	1	15	525	2268	2809
Vehicles Exited	2	15	527	2231	2775
Hourly Exit Rate	2	16	575	2434	3027
Input Volume	1	156	1232	2748	4137
% of Volume	218	10	47	89	73

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.1
Total Delay (hr)	33.2	83.6	116.8
Total Del/Veh (s)	177.7	131.5	142.0
Travel Time (hr)	36.9	97.3	134.2
Avg Speed (mph)	3	5	4
Vehicles Entered	636	2190	2826
Vehicles Exited	630	2162	2792
Hourly Exit Rate	687	2359	3046
Input Volume	1593	2785	4378
% of Volume	43	85	70

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	22.3	0.2	0.2	0.0	22.6
Denied Del/Veh (s)	78.1	1.4	1.0	0.0	19.0
Total Delay (hr)	36.7	25.6	67.8	71.0	201.2
Total Del/Veh (s)	126.2	216.9	288.4	115.9	160.1
Travel Time (hr)	61.8	29.2	73.1	82.6	246.6
Avg Speed (mph)	2	4	2	4	3
Vehicles Entered	995	401	743	2128	4267
Vehicles Exited	1006	384	764	2123	4277
Hourly Exit Rate	1097	419	833	2316	4666
Input Volume	2835	445	1601	2741	7622
% of Volume	39	94	52	84	61

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	111.4	156.5	0.0	0.0	267.9
Denied Del/Veh (s)	1018.1	1328.7	0.0	0.0	322.6
Total Delay (hr)	36.0	28.0	36.1	15.7	115.8
Total Del/Veh (s)	591.9	522.9	205.7	35.4	158.0
Travel Time (hr)	148.7	185.8	38.2	26.2	398.8
Avg Speed (mph)	1	1	2	13	3
Vehicles Entered	177	156	598	1574	2505
Vehicles Exited	177	159	592	1555	2483
Hourly Exit Rate	193	173	646	1696	2709
Input Volume	382	383	1254	2637	4656
% of Volume	51	45	52	64	58

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	1.2	0.0	3.1	0.0	4.3
Denied Del/Veh (s)	36.9	0.1	17.8	0.0	6.6
Total Delay (hr)	6.7	1.7	68.9	11.0	88.3
Total Del/Veh (s)	202.1	251.0	386.2	24.9	133.7
Travel Time (hr)	8.5	1.8	74.8	18.1	103.1
Avg Speed (mph)	1	1	2	16	4
Vehicles Entered	114	24	617	1577	2332
Vehicles Exited	110	23	552	1548	2233
Hourly Exit Rate	120	25	602	1689	2436
Input Volume	126	26	1199	2766	4117
% of Volume	95	97	50	61	59

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	5.5	0.0	0.5	0.0	6.0
Denied Del/Veh (s)	309.0	0.1	2.5	0.0	9.5
Total Delay (hr)	10.6	1.3	85.7	8.5	106.1
Total Del/Veh (s)	929.3	790.9	411.8	20.6	167.2
Travel Time (hr)	16.2	1.3	91.6	15.5	124.6
Avg Speed (mph)	0	0	2	20	5
Vehicles Entered	40	7	730	1472	2249
Vehicles Exited	23	2	614	1446	2085
Hourly Exit Rate	25	2	670	1577	2275
Input Volume	68	6	1182	2623	3879
% of Volume	37	36	57	60	59

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	4.4	10.3	0.7	0.1	15.6
Denied Del/Veh (s)	75.9	87.4	4.2	0.3	20.6
Total Delay (hr)	7.1	13.0	18.6	35.4	74.0
Total Del/Veh (s)	134.4	124.4	104.0	84.4	98.0
Travel Time (hr)	12.2	24.8	20.4	46.8	104.2
Avg Speed (mph)	2	2	2	10	7
Vehicles Entered	187	370	621	1465	2643
Vehicles Exited	177	354	611	1428	2570
Hourly Exit Rate	193	386	667	1558	2804
Input Volume	229	458	1044	2680	4411
% of Volume	84	84	64	58	64

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by approach

Approach	EB	WB	SB	All
Denied Delay (hr)	2.3	0.0	0.9	3.2
Denied Del/Veh (s)	85.8	0.0	2.1	7.0
Total Delay (hr)	3.8	0.4	18.1	22.3
Total Del/Veh (s)	159.0	54.4	42.6	48.9
Travel Time (hr)	6.1	0.5	27.3	33.9
Avg Speed (mph)	1	3	9	8
Vehicles Entered	83	27	1495	1605
Vehicles Exited	78	28	1491	1597
Hourly Exit Rate	85	31	1627	1742
Input Volume	98	38	2589	2725
% of Volume	87	80	63	64

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by approach

Approach	EB	WB	NB	All
Denied Delay (hr)	0.0	3.1	0.4	3.5
Denied Del/Veh (s)	0.3	66.5	2.1	10.0
Total Delay (hr)	3.0	5.2	57.0	65.2
Total Del/Veh (s)	28.0	126.0	282.2	185.7
Travel Time (hr)	3.8	8.8	67.1	79.6
Avg Speed (mph)	5	2	6	6
Vehicles Entered	385	148	711	1244
Vehicles Exited	380	136	525	1041
Hourly Exit Rate	415	148	573	1136
Input Volume	688	179	821	1688
% of Volume	60	83	70	67

11: Performance by approach

Approach	SB	NW	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0
Total Delay (hr)	0.6	0.0	0.6
Total Del/Veh (s)	2.2	7.5	2.3
Travel Time (hr)	7.6	0.0	7.7
Avg Speed (mph)	41	10	40
Vehicles Entered	976	11	987
Vehicles Exited	976	11	987
Hourly Exit Rate	1065	12	1077
Input Volume	1613	14	1627
% of Volume	66	86	66

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by approach

Approach	NB	SE	NW	All
Denied Delay (hr)	0.2	0.0	0.0	0.2
Denied Del/Veh (s)	1.2	0.0	0.1	1.1
Total Delay (hr)	1.0	0.2	0.1	1.3
Total Del/Veh (s)	5.6	11.7	13.0	6.3
Travel Time (hr)	2.3	0.3	0.1	2.8
Avg Speed (mph)	22	7	8	20
Vehicles Entered	673	59	22	754
Vehicles Exited	662	58	21	741
Hourly Exit Rate	722	63	23	808
Input Volume	736	98	26	860
% of Volume	98	65	88	94

24: Jeff Davis Hwy (Rt-1) Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.8	0.4	1.2
Denied Del/Veh (s)	4.3	0.9	1.9
Total Delay (hr)	27.6	7.3	34.9
Total Del/Veh (s)	145.6	17.6	57.5
Travel Time (hr)	31.0	12.7	43.7
Avg Speed (mph)	4	9	5
Vehicles Entered	675	1493	2168
Vehicles Exited	620	1488	2108
Hourly Exit Rate	676	1623	2300
Input Volume	1044	2585	3629
% of Volume	65	63	63

93: Garrisonville Road Performance by approach

Approach	EB	WB	SW	All
Denied Delay (hr)	1451.3	0.0	0.1	1451.4
Denied Del/Veh (s)	1322.4	0.0	0.5	860.7
Total Delay (hr)	396.4	0.8	0.4	397.6
Total Del/Veh (s)	815.8	1.8	3.1	369.5
Travel Time (hr)	1867.8	5.7	2.3	1875.8
Avg Speed (mph)	2	19	20	2
Vehicles Entered	1355	1606	514	3475
Vehicles Exited	1276	1606	513	3395
Hourly Exit Rate	1392	1752	560	3704
Input Volume	3555	2324	555	6434
% of Volume	39	75	101	58

Total Network Performance

Denied Delay (hr)	2205.4
Denied Del/Veh (s)	739.5
Total Delay (hr)	1424.9
Total Del/Veh (s)	621.5
Travel Time (hr)	3889.2
Avg Speed (mph)	6
Vehicles Entered	6806
Vehicles Exited	5983
Hourly Exit Rate	6527
Input Volume	74042
% of Volume	9

Arterial Level of Service: NB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Foreston Woods Dr	8	-	-	0.1	-
	7	372.2	398.2	0.3	3
Aquia Park Dr	6	390.8	424.9	0.2	2
	42	317.3	334.8	0.2	2
Aquia Town Center	5	223.7	235.0	0.1	2
Washington Dr	4	350.2	370.0	0.2	2
I-95 On Ramp	3	21.7	40.6	0.2	16
Coachman Circle S	2	1.1	18.8	0.2	41
	20	1.4	24.1	0.3	42
Port Aquia Dr	1	4.5	18.6	0.2	34
Total		1682.9	1865.1	2.0	4

Arterial Level of Service: SB Jeff Davis Hwy (Rt-1)

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Port Aquia Dr	1	31.7	492.7	0.1	9
	20	34.7	48.9	0.2	13
	2	89.1	111.4	0.3	9
I-95 On Ramp	3	131.3	152.8	0.2	5
Garrisonville Road	4	180.8	197.3	0.2	3
I-95 Off Ramp	5	34.1	56.2	0.2	14
	42	8.1	20.5	0.1	21
Aquia Park Dr	6	25.3	41.0	0.2	17
Aquia Comm Center	7	20.5	37.2	0.2	21
Austin Park Dr	8	82.8	109.2	0.3	11
Jeff Davis Hwy (Rt-1)	24	19.3	31.8	0.1	9
Bells Hill Rd	9	-	-	0.2	-
	21	4.1	33.3	0.4	39
Total		661.7	1332.2	2.6	11

Queuing and Blocking Report

Future 2035 No Build

PM Peak

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	101	92	143	30	99	127	123	12	227	488	478	270
Average Queue (ft)	28	31	46	5	22	28	35	1	31	452	452	67
95th Queue (ft)	75	64	107	24	65	93	103	7	147	554	544	250
Link Distance (ft)	392		402			862	862			445	445	
Upstream Blk Time (%)										29	31	
Queuing Penalty (veh)										0	0	
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)	0	0	47	1					0	25	27	0
Queuing Penalty (veh)	0	0	3	0					0	6	13	3

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	SE	NW	NE	NE	SW	SW	B20	B20	B20
Directions Served	LTR	LTR	T	R	LT	TR	T	T	
Maximum Queue (ft)	32	714	2	14	1456	1459	792	800	129
Average Queue (ft)	5	702	0	1	1019	1053	282	296	5
95th Queue (ft)	26	714	2	7	1977	2010	860	885	102
Link Distance (ft)	202	699	1092		1442	1442	862	862	862
Upstream Blk Time (%)		100			18	26	0	1	
Queuing Penalty (veh)		0			250	364	3	6	
Storage Bay Dist (ft)				340					
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	SB	SB	SB
Directions Served	L	T	T	T	T	TR
Maximum Queue (ft)	365	878	882	1131	1144	1133
Average Queue (ft)	345	797	333	978	1006	1016
95th Queue (ft)	431	1145	1011	1412	1417	1396
Link Distance (ft)		841	841	1092	1092	1092
Upstream Blk Time (%)		73	16	5	8	10
Queuing Penalty (veh)		584	124	50	70	96
Storage Bay Dist (ft)	365					
Storage Blk Time (%)	75	42				
Queuing Penalty (veh)	458	153				

Queuing and Blocking Report

Future 2035 No Build

PM Peak

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	NB
Directions Served	UL	LT	T	R	L	T	T	R	L	L	T	T
Maximum Queue (ft)	395	407	405	412	208	866	895	295	612	640	1038	1042
Average Queue (ft)	377	259	206	257	91	410	519	224	289	431	1004	785
95th Queue (ft)	393	525	492	539	179	1007	1143	395	691	886	1132	1245
Link Distance (ft)	147	147	147	147		1500	1500				1017	1017
Upstream Blk Time (%)	99	51	32	33		0	1				54	20
Queuing Penalty (veh)	697	359	225	235		0	0				433	159
Storage Bay Dist (ft)					225			295	640	640		
Storage Blk Time (%)					0	1	42	48	1	8	62	24
Queuing Penalty (veh)					0	1	42	62	2	29	460	36

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	NB	SB	SB	SB	SB	SB
Directions Served	R	L	T	T	R	R
Maximum Queue (ft)	910	315	921	926	918	556
Average Queue (ft)	128	266	894	896	833	302
95th Queue (ft)	612	399	966	969	1099	503
Link Distance (ft)			841	841	841	
Upstream Blk Time (%)			62	58	13	
Queuing Penalty (veh)			565	534	117	
Storage Bay Dist (ft)	910	315				575
Storage Blk Time (%)	0	5	64		3	0
Queuing Penalty (veh)	1	31	136		16	3



Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	EB	EB	WB	WB	WB	NB	NB	NB	B42	B42	SB	SB
Directions Served	L	TR	L	L	R	T	T	R	T	T	UL	L
Maximum Queue (ft)	909	245	168	612	627	639	628	552	982	992	79	289
Average Queue (ft)	887	133	36	483	603	619	559	124	903	901	26	100
95th Queue (ft)	903	321	120	842	626	638	770	486	1219	1240	66	273
Link Distance (ft)	876			596	596	552	552		950	950		
Upstream Blk Time (%)	96			46	94	88	55	0	57	55		
Queuing Penalty (veh)	0			0	0	551	344	0	356	345		
Storage Bay Dist (ft)		245	250					565			290	290
Storage Blk Time (%)	90	2	0	0			55	0				0
Queuing Penalty (veh)	109	6	0	0			64	2				2

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Aquia Town Center

Movement	SB	SB
Directions Served	T	T
Maximum Queue (ft)	672	692
Average Queue (ft)	364	376
95th Queue (ft)	607	621
Link Distance (ft)	1017	1017
Upstream Blk Time (%)	1	1
Queuing Penalty (veh)	8	15
Storage Bay Dist (ft)		
Storage Blk Time (%)	19	
Queuing Penalty (veh)	20	

Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB	B42
Directions Served	LT	R	LTR	UL	T	T	R	UL	T	T	R	T
Maximum Queue (ft)	366	147	166	300	1075	1079	101	187	633	652	216	196
Average Queue (ft)	203	29	52	99	900	900	7	20	225	232	27	25
95th Queue (ft)	406	147	144	318	1448	1457	57	89	575	581	113	211
Link Distance (ft)	383	383	335		1036	1036			950	950		552
Upstream Blk Time (%)	14	2			65	66			4	4		2
Queuing Penalty (veh)	0	0			384	390			53	55		31
Storage Bay Dist (ft)				300			145	270				290
Storage Blk Time (%)				0	80	79	0	0	8	7		0
Queuing Penalty (veh)				1	46	4	0	0	3	9		1

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	B42
Directions Served	T
Maximum Queue (ft)	200
Average Queue (ft)	26
95th Queue (ft)	216
Link Distance (ft)	552
Upstream Blk Time (%)	3
Queuing Penalty (veh)	35
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	WB	NB	NB	NB	SB	SB
Directions Served	LTR	LTR	LT	T	R	LT	T
Maximum Queue (ft)	404	98	1617	1618	24	420	420
Average Queue (ft)	258	32	1129	1129	2	90	90
95th Queue (ft)	518	98	2302	2304	19	548	548
Link Distance (ft)	404	332	1709	1709		1036	1036
Upstream Blk Time (%)	45		28	30		4	4
Queuing Penalty (veh)	0		168	180		47	49
Storage Bay Dist (ft)					80		
Storage Blk Time (%)				74	0		9
Queuing Penalty (veh)				2	0		0

Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	L	T	T	R	UL	T	T	R
Maximum Queue (ft)	408	110	488	468	249	367	377	308	260	1321	1318	365
Average Queue (ft)	200	75	302	209	79	291	294	53	184	571	568	69
95th Queue (ft)	449	142	533	518	224	441	442	240	318	1489	1495	299
Link Distance (ft)	422		506	506		342	342			1709	1709	
Upstream Blk Time (%)	18		16	15		41	42	0		7	7	
Queuing Penalty (veh)	0		0	0		214	217	0		97	100	
Storage Bay Dist (ft)		110			250			340	260			400
Storage Blk Time (%)	35	13			0	53	43	0	6	24	21	0
Queuing Penalty (veh)	55	10			1	31	26	1	62	82	33	2

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	WB	SB	SB	SB	SB
Directions Served	TR	LT	L	T	T	R
Maximum Queue (ft)	195	96	200	796	816	268
Average Queue (ft)	122	24	185	426	352	56
95th Queue (ft)	210	71	229	881	822	178
Link Distance (ft)	172	184		822	822	
Upstream Blk Time (%)	27			18	6	
Queuing Penalty (veh)	0			226	77	
Storage Bay Dist (ft)			200			270
Storage Blk Time (%)			38	28	2	0
Queuing Penalty (veh)			296	164	8	1

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB	NB
Directions Served	LT	TR	L	T	T	R
Maximum Queue (ft)	186	377	144	2238	2244	164
Average Queue (ft)	106	167	32	803	807	11
95th Queue (ft)	209	409	108	2486	2476	132
Link Distance (ft)	184	400		3535	3535	
Upstream Blk Time (%)	22	19		4	4	
Queuing Penalty (veh)	150	0		14	15	
Storage Bay Dist (ft)			165			685
Storage Blk Time (%)			0	44	29	0
Queuing Penalty (veh)			0	10	2	0

Queuing and Blocking Report

Future 2035 No Build  
PM Peak

Intersection: 11:

Movement	NW
Directions Served	L
Maximum Queue (ft)	33
Average Queue (ft)	10
95th Queue (ft)	34
Link Distance (ft)	145
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	NB	NB	NB	SE	NW
Directions Served	LT	T	R	LT	TR
Maximum Queue (ft)	132	129	21	76	38
Average Queue (ft)	15	14	1	28	15
95th Queue (ft)	128	123	15	61	37
Link Distance (ft)	360	360		145	259
Upstream Blk Time (%)	2	2		0	
Queuing Penalty (veh)	0	0		0	
Storage Bay Dist (ft)			100		
Storage Blk Time (%)		3	0		
Queuing Penalty (veh)		0	0		

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	R	R
Maximum Queue (ft)	704	709	282	238
Average Queue (ft)	355	357	84	69
95th Queue (ft)	999	1000	319	288
Link Distance (ft)	822	822	342	342
Upstream Blk Time (%)	26	28	11	7
Queuing Penalty (veh)	134	142	147	89
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	2799	2811	2817	2811	2814	22	21	112
Average Queue (ft)	2738	2771	2784	2782	2771	1	1	32
95th Queue (ft)	2944	2889	2803	2804	2837	13	14	85
Link Distance (ft)	2770	2770	2770	2770	2770	147	147	456
Upstream Blk Time (%)	39	77	97	97	68			
Queuing Penalty (veh)	0	0	0	0	0			
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 12014
-------------------------------------

## APPENDIX D: FUTURE BUILD CONDITIONS



## APPENDIX D-1: SIMTRAFFIC OUTPUT

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	5:45	5:45	5:45	5:45	5:45	5:45	5:45
End Time	7:40	7:40	7:40	7:40	7:40	7:40	7:40
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	8288	8331	8415	8363	8260	8521	8447
Vehs Exited	8217	8241	8298	8298	8137	8415	8207
Starting Vehs	780	968	780	743	741	694	745
Ending Vehs	851	1058	897	808	864	800	985
Travel Distance (mi)	11833	11935	11991	11979	11757	12101	11935
Travel Time (hr)	1042.6	1123.2	983.4	929.3	932.7	870.3	975.4
Total Delay (hr)	725.4	802.4	661.2	608.9	617.6	546.0	654.7
Total Stops	21262	24735	19597	18585	17843	17449	21928
Fuel Used (gal)	562.0	576.0	551.4	542.4	535.5	532.1	550.8

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	5:45	5:45	5:45	5:45
End Time	7:40	7:40	7:40	7:40
Total Time (min)	115	115	115	115
Time Recorded (min)	55	55	55	55
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	8431	8274	8485	8382
Vehs Exited	8371	8231	8273	8266
Starting Vehs	786	699	729	758
Ending Vehs	846	742	941	873
Travel Distance (mi)	12043	12022	12039	11963
Travel Time (hr)	936.8	894.9	1023.0	971.2
Total Delay (hr)	614.2	572.9	700.6	650.4
Total Stops	19510	16300	21595	19881
Fuel Used (gal)	543.4	534.6	562.7	549.1

Interval #0 Information Seeding

Start Time	5:45
End Time	6:45
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	6:45						
End Time	7:00						
Total Time (min)	15						
Volumes adjusted by Growth Factors, Anti PHF.							
Run Number	1	10	2	3	4	5	6
Vehs Entered	2272	2267	2289	2229	2223	2375	2267
Vehs Exited	2253	2246	2291	2239	2289	2309	2236
Starting Vehs	780	968	780	743	741	694	745
Ending Vehs	799	989	778	733	675	760	776
Travel Distance (mi)	3231	3246	3234	3262	3211	3346	3237
Travel Time (hr)	244.5	279.8	236.9	229.8	229.9	216.9	220.4
Total Delay (hr)	157.7	192.4	149.5	142.5	143.9	127.3	133.5
Total Stops	5161	6803	4896	4968	4639	5013	4865
Fuel Used (gal)	144.5	152.6	142.5	142.0	140.5	141.4	139.3

Interval #1 Information Recording

Start Time	6:45			
End Time	7:00			
Total Time (min)	15			
Volumes adjusted by Growth Factors, Anti PHF.				
Run Number	7	8	9	Avg
Vehs Entered	2274	2210	2375	2273
Vehs Exited	2291	2218	2259	2263
Starting Vehs	786	699	729	758
Ending Vehs	769	691	845	771
Travel Distance (mi)	3322	3176	3305	3257
Travel Time (hr)	237.1	206.2	238.3	234.0
Total Delay (hr)	148.3	121.1	149.8	146.6
Total Stops	5329	3863	5432	5095
Fuel Used (gal)	145.7	135.5	144.8	142.9

Interval #2 Information Recording

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2350	2246	2251	2318	2297	2289	2298
Vehs Exited	2154	2251	2194	2253	2197	2297	2238
Starting Vehs	799	989	778	733	675	760	776
Ending Vehs	995	984	835	798	775	752	836
Travel Distance (mi)	3246	3221	3231	3251	3194	3300	3224
Travel Time (hr)	281.1	294.2	261.5	241.8	239.9	232.4	247.3
Total Delay (hr)	194.1	207.8	174.7	154.8	154.2	143.9	160.9
Total Stops	6048	6346	5188	4892	4337	4649	5268
Fuel Used (gal)	152.9	153.9	147.3	144.1	142.5	143.8	145.6

Interval #2 Information Recording

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	2264	2324	2316	2293
Vehs Exited	2161	2207	2222	2218
Starting Vehs	769	691	845	771
Ending Vehs	872	808	939	858
Travel Distance (mi)	3175	3321	3233	3239
Travel Time (hr)	247.4	240.8	272.6	255.9
Total Delay (hr)	161.9	151.4	185.6	168.9
Total Stops	5425	4531	5606	5233
Fuel Used (gal)	143.0	145.7	150.3	146.9

Interval #3 Information Recording

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2208	2255	2330	2283	2209	2327	2381
Vehs Exited	2298	2226	2260	2271	2156	2298	2227
Starting Vehs	995	984	835	798	775	752	836
Ending Vehs	905	1013	905	810	828	781	990
Travel Distance (mi)	3263	3250	3321	3299	3177	3297	3265
Travel Time (hr)	312.3	317.4	282.7	271.5	265.5	247.4	294.1
Total Delay (hr)	225.0	230.0	193.5	183.4	180.4	159.4	205.7
Total Stops	6245	6717	5650	5459	4955	4716	7040
Fuel Used (gal)	160.4	158.7	154.9	153.4	147.4	147.5	156.7

Interval #3 Information Recording

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	2322	2255	2252	2279
Vehs Exited	2397	2284	2261	2264
Starting Vehs	872	808	939	858
Ending Vehs	797	779	930	866
Travel Distance (mi)	3386	3363	3285	3290
Travel Time (hr)	266.6	268.6	296.5	282.3
Total Delay (hr)	176.4	179.0	208.9	194.2
Total Stops	5042	4782	6018	5661
Fuel Used (gal)	153.0	153.0	157.7	154.3

Interval #4 Information Recording

Start Time	7:30
End Time	7:40
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1458	1563	1545	1533	1531	1530	1501
Vehs Exited	1512	1518	1553	1535	1495	1511	1506
Starting Vehs	905	1013	905	810	828	781	990
Ending Vehs	851	1058	897	808	864	800	985
Travel Distance (mi)	2094	2217	2205	2167	2174	2158	2209
Travel Time (hr)	204.8	231.8	202.2	186.1	197.4	173.7	213.6
Total Delay (hr)	148.5	172.2	143.4	128.3	139.2	115.5	154.5
Total Stops	3808	4869	3863	3266	3912	3071	4755
Fuel Used (gal)	104.2	110.7	106.8	102.9	105.1	99.4	109.3

Interval #4 Information Recording

Start Time	7:30
End Time	7:40
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1571	1485	1542	1524
Vehs Exited	1522	1522	1531	1522
Starting Vehs	797	779	930	866
Ending Vehs	846	742	941	873
Travel Distance (mi)	2161	2162	2217	2177
Travel Time (hr)	185.7	179.3	215.6	199.0
Total Delay (hr)	127.6	121.4	156.3	140.7
Total Stops	3714	3124	4539	3892
Fuel Used (gal)	101.6	100.4	109.9	105.0

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	2.7	1.8	0.0	0.3	0.2
Total Delay (hr)	0.7	0.6	5.3	0.5	7.0
Total Del/Veh (s)	23.7	60.2	7.8	2.4	7.6
Travel Time (hr)	1.2	0.7	15.0	1.8	18.7
Avg Speed (mph)	9	3	29	33	27
Vehicles Entered	98	33	2453	688	3272
Vehicles Exited	99	33	2449	686	3267
Hourly Exit Rate	108	36	2672	748	3564
Input Volume	105	34	2792	754	3685
% of Volume	103	106	96	99	97

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by approach

Approach	NW	NE	SW	All
Denied Delay (hr)	177.9	0.0	0.9	178.7
Denied Del/Veh (s)	2238.7	0.0	4.1	182.9
Total Delay (hr)	22.3	5.4	34.4	62.2
Total Del/Veh (s)	2438.0	7.9	156.8	67.7
Travel Time (hr)	200.2	17.4	40.0	257.7
Avg Speed (mph)	0	30	5	9
Vehicles Entered	8	2464	766	3238
Vehicles Exited	8	2471	734	3213
Hourly Exit Rate	9	2696	801	3505
Input Volume	188	2730	839	3757
% of Volume	5	99	95	93

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.0	26.4	26.4
Denied Del/Veh (s)	0.0	124.8	22.6
Total Delay (hr)	16.1	61.5	77.6
Total Del/Veh (s)	16.8	279.4	65.6
Travel Time (hr)	32.7	91.5	124.3
Avg Speed (mph)	19	2	8
Vehicles Entered	3443	717	4160
Vehicles Exited	3424	722	4146
Hourly Exit Rate	3735	788	4523
Input Volume	3797	947	4744
% of Volume	98	83	95



4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	21.5	0.1	38.5	3.2	63.3
Total Del/Veh (s)	41.9	0.8	50.0	18.8	40.5
Travel Time (hr)	26.5	1.0	53.1	6.2	86.7
Avg Speed (mph)	5	28	11	17	10
Vehicles Entered	1819	381	2730	619	5549
Vehicles Exited	1818	381	2696	616	5511
Hourly Exit Rate	1983	416	2941	672	6012
Input Volume	1949	416	3024	796	6185
% of Volume	102	100	97	84	97

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.0	0.0	0.0
Total Delay (hr)	6.3	4.0	20.4	2.1	32.8
Total Del/Veh (s)	43.2	17.8	39.2	12.9	31.2
Travel Time (hr)	9.9	6.8	25.3	5.4	47.4
Avg Speed (mph)	9	9	8	22	10
Vehicles Entered	512	799	1844	578	3733
Vehicles Exited	520	802	1846	568	3736
Hourly Exit Rate	567	875	2014	620	4076
Input Volume	550	862	2086	649	4147
% of Volume	103	101	97	95	98

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.0	0.0	0.0
Total Delay (hr)	0.1	0.4	2.6	0.6	3.6
Total Del/Veh (s)	50.4	31.3	5.0	2.8	4.9
Travel Time (hr)	0.1	0.7	11.4	3.8	15.9
Avg Speed (mph)	5	6	34	37	34
Vehicles Entered	5	48	1841	757	2651
Vehicles Exited	5	48	1830	755	2638
Hourly Exit Rate	5	52	1996	824	2878
Input Volume	6	53	2047	837	2943
% of Volume	91	99	98	98	98

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by approach

Approach	EB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	0.0
Total Delay (hr)	0.0	2.4	0.3	2.7
Total Del/Veh (s)	8.8	4.6	1.5	3.7
Travel Time (hr)	0.0	12.5	3.7	16.3
Avg Speed (mph)	10	36	40	37
Vehicles Entered	4	1855	718	2577
Vehicles Exited	4	1856	717	2577
Hourly Exit Rate	4	2025	782	2811
Input Volume	5	2065	793	2863
% of Volume	87	98	99	98

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.2	0.0	0.3
Denied Del/Veh (s)	1.7	0.3	0.4	0.0	0.4
Total Delay (hr)	2.3	1.0	20.6	4.6	28.5
Total Del/Veh (s)	34.2	16.9	40.6	24.6	34.7
Travel Time (hr)	3.1	2.1	24.0	6.2	35.4
Avg Speed (mph)	5	12	6	10	7
Vehicles Entered	235	219	1805	669	2928
Vehicles Exited	238	222	1785	665	2910
Hourly Exit Rate	260	242	1947	725	3175
Input Volume	265	239	2017	739	3260
% of Volume	98	101	97	98	97

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by approach

Approach	EB	SB	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1
Total Delay (hr)	0.0	0.2	0.2
Total Del/Veh (s)	2.8	1.2	1.2
Travel Time (hr)	0.0	3.0	3.0
Avg Speed (mph)	20	38	38
Vehicles Entered	5	696	701
Vehicles Exited	5	702	707
Hourly Exit Rate	5	766	771
Input Volume	5	775	780
% of Volume	109	99	99

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by approach

Approach	EB	WB	NB	All
Denied Delay (hr)	0.0	0.0	2.9	2.9
Denied Del/Veh (s)	1.5	0.3	6.2	5.3
Total Delay (hr)	2.2	3.4	45.5	51.1
Total Del/Veh (s)	102.5	44.4	96.8	90.0
Travel Time (hr)	2.4	4.5	72.7	79.6
Avg Speed (mph)	1	6	15	14
Vehicles Entered	74	270	1642	1986
Vehicles Exited	74	273	1594	1941
Hourly Exit Rate	81	298	1739	2117
Input Volume	80	293	1803	2176
% of Volume	101	102	96	97

11: Austin Run Blvd & Jeff Davis Hwy (Rt-1) Performance by approach

Approach	SB	NW	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1
Total Delay (hr)	2.6	0.1	2.6
Total Del/Veh (s)	13.6	9.1	13.5
Travel Time (hr)	5.4	0.1	5.5
Avg Speed (mph)	19	9	19
Vehicles Entered	679	24	703
Vehicles Exited	674	24	698
Hourly Exit Rate	735	26	761
Input Volume	747	30	777
% of Volume	98	87	98

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by approach

Approach	NB	SE	NW	All
Denied Delay (hr)	0.1	0.0	0.0	0.1
Denied Del/Veh (s)	0.3	0.0	0.1	0.3
Total Delay (hr)	3.7	0.4	0.1	4.2
Total Del/Veh (s)	9.8	5.9	9.3	9.3
Travel Time (hr)	6.0	0.9	0.2	7.1
Avg Speed (mph)	16	10	10	15
Vehicles Entered	1361	237	36	1634
Vehicles Exited	1361	237	36	1634
Hourly Exit Rate	1485	259	39	1783
Input Volume	1482	267	45	1794
% of Volume	100	97	87	99

13: Aquia Town Ctr Dr & Washington Dr Performance by approach

Approach	EB	WB	NB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	1.8	3.3	0.2	5.4
Total Del/Veh (s)	34.6	10.7	5.3	13.2
Travel Time (hr)	2.3	13.1	1.4	16.8
Avg Speed (mph)	7	25	20	22
Vehicles Entered	184	1106	149	1439
Vehicles Exited	189	1106	147	1442
Hourly Exit Rate	206	1207	160	1573
Input Volume	194	1197	164	1555
% of Volume	106	101	98	101

23: Jeff Davis Hwy (Rt-1) & Carnaby St Performance by approach

Approach	EB	SB	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1
Total Delay (hr)	0.3	0.1	0.5
Total Del/Veh (s)	6.6	1.0	2.4
Travel Time (hr)	1.0	1.9	2.8
Avg Speed (mph)	15	41	33
Vehicles Entered	175	518	693
Vehicles Exited	175	515	690
Hourly Exit Rate	191	562	753
Input Volume	188	572	760
% of Volume	102	98	99

24: Jeff Davis Hwy (Rt-1) Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.2	0.0	0.2
Denied Del/Veh (s)	0.4	0.0	0.3
Total Delay (hr)	29.5	0.5	30.0
Total Del/Veh (s)	57.6	2.7	42.5
Travel Time (hr)	36.8	1.9	38.7
Avg Speed (mph)	8	27	9
Vehicles Entered	1802	691	2493
Vehicles Exited	1810	695	2505
Hourly Exit Rate	1975	758	2733
Input Volume	2024	770	2794
% of Volume	98	98	98

25: Town Center Dr & Aquia Town Ctr Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.1	0.0	0.0
Total Delay (hr)	0.2	0.0	0.1	1.3	1.6
Total Del/Veh (s)	3.0	1.9	3.0	6.3	5.3
Travel Time (hr)	1.3	0.0	0.3	6.5	8.1
Avg Speed (mph)	17	22	21	18	18
Vehicles Entered	268	2	70	733	1073
Vehicles Exited	272	2	71	733	1078
Hourly Exit Rate	297	2	77	800	1176
Input Volume	305	2	78	789	1174
% of Volume	97	109	99	101	100

42: Jeff Davis Hwy (Rt-1) Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.1
Denied Del/Veh (s)	0.1	0.0	0.1
Total Delay (hr)	9.2	0.3	9.5
Total Del/Veh (s)	17.5	1.4	12.9
Travel Time (hr)	17.4	2.6	20.0
Avg Speed (mph)	21	35	23
Vehicles Entered	1880	759	2639
Vehicles Exited	1863	759	2622
Hourly Exit Rate	2032	828	2860
Input Volume	2105	841	2946
% of Volume	97	98	97

93: Garrisonville Road Performance by approach

Approach	EB	WB	SW	All
Denied Delay (hr)	0.2	0.0	0.0	0.2
Denied Del/Veh (s)	0.2	0.0	0.2	0.2
Total Delay (hr)	39.6	0.8	0.1	40.5
Total Del/Veh (s)	46.4	2.2	1.8	32.0
Travel Time (hr)	77.0	4.7	0.7	82.3
Avg Speed (mph)	16	20	22	17
Vehicles Entered	2982	1306	175	4463
Vehicles Exited	2985	1304	175	4464
Hourly Exit Rate	3256	1423	191	4870
Input Volume	3231	1547	194	4972
% of Volume	101	92	98	98

Total Network Performance

Denied Delay (hr)	209.7
Denied Del/Veh (s)	86.6
Total Delay (hr)	440.6
Total Del/Veh (s)	173.6
Travel Time (hr)	971.2
Avg Speed (mph)	16
Vehicles Entered	8382
Vehicles Exited	8266
Hourly Exit Rate	9017
Input Volume	68770
% of Volume	13

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	107	86	96	58	44	232	248	17	20	106	113	27
Average Queue (ft)	36	33	25	15	7	94	117	1	2	33	27	1
95th Queue (ft)	84	65	75	46	29	196	224	10	13	80	77	13
Link Distance (ft)	519		363			862	862			445	445	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)	0	0	27	17		0	0					
Queuing Penalty (veh)	0	0	4	3		0	0					

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	NW	NE	NE	NE	SW	SW	SW	B20	B20
Directions Served	LTR	T	T	R	L	T	TR	T	T
Maximum Queue (ft)	530	280	302	173	119	1162	1210	89	97
Average Queue (ft)	520	21	24	7	26	691	769	32	36
95th Queue (ft)	535	247	259	130	88	1479	1559	210	225
Link Distance (ft)	518	1091	1091	1091		1441	1441	862	862
Upstream Blk Time (%)	100		0			3	11		
Queuing Penalty (veh)	0		0			12	44		
Storage Bay Dist (ft)						200			
Storage Blk Time (%)						0	3		
Queuing Penalty (veh)						0	1		

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	T	T	T	U	T	T	TR
Maximum Queue (ft)	770	870	894	836	141	1112	1092	1132
Average Queue (ft)	413	208	220	96	36	773	1060	1086
95th Queue (ft)	719	723	717	472	100	1325	1200	1205
Link Distance (ft)	839	839	839	839		1091	1091	1091
Upstream Blk Time (%)	1	0	0	0		5	4	46
Queuing Penalty (veh)	13	3	4	1		15	11	139
Storage Bay Dist (ft)						150		
Storage Blk Time (%)						0	11	
Queuing Penalty (veh)						0	4	

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	NB	NB	NB	NB	NB	NB	SB	SB	SB
Directions Served	L	LT	T	L	L	T	T	T	R	T	T	R
Maximum Queue (ft)	396	407	157	470	481	1030	1043	1049	248	137	156	88
Average Queue (ft)	360	384	38	311	320	468	651	515	27	51	58	29
95th Queue (ft)	440	395	114	474	479	1005	1251	1033	136	111	125	66
Link Distance (ft)	143	143	143			1015	1015	1015		839	839	839
Upstream Blk Time (%)	49	62	0			0	1	1				
Queuing Penalty (veh)	237	302	1			2	13	5				
Storage Bay Dist (ft)				550	550					300		
Storage Blk Time (%)				0	0	0		10	0			
Queuing Penalty (veh)				0	3	5		3	0			

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	SB
Directions Served	R
Maximum Queue (ft)	110
Average Queue (ft)	49
95th Queue (ft)	91
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	575
Storage Blk Time (%)	
Queuing Penalty (veh)	



Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	L	TR	L	L	T	T	R	L	L	T	T
Maximum Queue (ft)	266	239	165	183	200	583	583	502	86	103	71	182
Average Queue (ft)	169	150	76	89	107	421	402	101	31	35	23	39
95th Queue (ft)	247	226	138	159	174	641	641	404	69	83	59	151
Link Distance (ft)	865	865	865		394	554	554				1015	1015
Upstream Blk Time (%)						7	6	0				0
Queuing Penalty (veh)						75	59	0				0
Storage Bay Dist (ft)				250				565	290	290		
Storage Blk Time (%)				0	0			6	0			
Queuing Penalty (veh)				0	0			9	2			

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr

Movement	SB
Directions Served	T
Maximum Queue (ft)	58
Average Queue (ft)	6
95th Queue (ft)	33
Link Distance (ft)	1015
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LTR	L	T	T	R	UL	T	T	R
Maximum Queue (ft)	31	14	88	24	159	165	3	40	109	130	28
Average Queue (ft)	5	1	32	5	45	41	0	7	25	37	2
95th Queue (ft)	21	8	69	21	148	140	2	27	81	101	12
Link Distance (ft)	490	490	399		1037	1037			963	963	
Upstream Blk Time (%)											
Queuing Penalty (veh)											
Storage Bay Dist (ft)				300			145	270			290
Storage Blk Time (%)					0	1					
Queuing Penalty (veh)					0	0					

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	NB	NB	B36	B36	SB
Directions Served	LTR	LT	T	T	T	R
Maximum Queue (ft)	24	90	34	380	335	2
Average Queue (ft)	3	10	1	24	24	0
95th Queue (ft)	16	49	23	181	182	2
Link Distance (ft)	391	1219	1219	430	430	
Upstream Blk Time (%)				0	0	
Queuing Penalty (veh)				0	0	
Storage Bay Dist (ft)						195
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	LT	UL	T	T	R	L	L	T
Maximum Queue (ft)	219	45	75	80	138	250	375	372	334	90	110	212
Average Queue (ft)	103	10	35	11	52	200	350	351	52	27	56	115
95th Queue (ft)	186	34	63	47	109	306	375	373	224	68	98	192
Link Distance (ft)	345	345			598		335	335				430
Upstream Blk Time (%)							31	33	0			
Queuing Penalty (veh)							313	326	0			
Storage Bay Dist (ft)			110	350		250			340	260	260	
Storage Blk Time (%)			0			1	40	33	0			0
Queuing Penalty (veh)			0			11	77	17	1			0

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	234	86
Average Queue (ft)	128	27
95th Queue (ft)	208	62
Link Distance (ft)	430	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	400	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	SB	SB	SB	SB
Directions Served	R	L	T	T	R
Maximum Queue (ft)	43	46	47	49	34
Average Queue (ft)	5	4	3	4	2
95th Queue (ft)	25	28	23	22	15
Link Distance (ft)	437		841	841	
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)		400			270
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB
Directions Served	LT	R	T	T	R
Maximum Queue (ft)	186	347	1271	1301	488
Average Queue (ft)	97	171	782	782	101
95th Queue (ft)	188	295	1953	1968	487
Link Distance (ft)	199	479	3531	3531	
Upstream Blk Time (%)	3	0			
Queuing Penalty (veh)	3	0			
Storage Bay Dist (ft)					685
Storage Blk Time (%)				22	0
Queuing Penalty (veh)				7	2

Intersection: 11: Austin Run Blvd & Jeff Davis Hwy (Rt-1)

Movement	SB	SB	SB	NW
Directions Served	L	T	T	L
Maximum Queue (ft)	162	160	162	52
Average Queue (ft)	88	61	79	13
95th Queue (ft)	141	125	137	41
Link Distance (ft)		769	769	138
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	270			
Storage Blk Time (%)				
Queuing Penalty (veh)				

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	NB	NB	NB	SE	NW
Directions Served	LT	T	R	LT	TR
Maximum Queue (ft)	282	219	56	126	51
Average Queue (ft)	142	93	5	33	18
95th Queue (ft)	236	183	30	93	41
Link Distance (ft)	360	360		138	264
Upstream Blk Time (%)	0			0	
Queuing Penalty (veh)	0			0	
Storage Bay Dist (ft)			100		
Storage Blk Time (%)		2	0		
Queuing Penalty (veh)		0	0		

Intersection: 13: Aquia Town Ctr Dr & Washington Dr

Movement	EB	EB	WB	WB	NB
Directions Served	T	T	L	T	R
Maximum Queue (ft)	172	138	199	466	80
Average Queue (ft)	87	65	149	96	44
95th Queue (ft)	143	118	231	339	70
Link Distance (ft)	365	365		1479	799
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			200		
Storage Blk Time (%)			3	1	
Queuing Penalty (veh)			11	9	

Intersection: 23: Jeff Davis Hwy (Rt-1) & Carnaby St

Movement	EB
Directions Served	R
Maximum Queue (ft)	109
Average Queue (ft)	51
95th Queue (ft)	86
Link Distance (ft)	433
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Queuing and Blocking Report

Future 2035 Build

AM Peak

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB
Directions Served	T	T
Maximum Queue (ft)	822	808
Average Queue (ft)	633	632
95th Queue (ft)	1043	1037
Link Distance (ft)	825	825
Upstream Blk Time (%)	4	3
Queuing Penalty (veh)	37	27
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 25: Town Center Dr & Aquia Town Ctr Dr

Movement	EB	EB	NB	SB	SB
Directions Served	L	TR	LTR	UL	R
Maximum Queue (ft)	60	55	42	200	140
Average Queue (ft)	7	7	6	15	46
95th Queue (ft)	33	32	28	116	125
Link Distance (ft)	394	394	420	799	
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)					150
Storage Blk Time (%)				1	1
Queuing Penalty (veh)				7	0

Intersection: 42: Jeff Davis Hwy (Rt-1)

Movement	NB	NB
Directions Served	T	T
Maximum Queue (ft)	377	368
Average Queue (ft)	135	128
95th Queue (ft)	567	556
Link Distance (ft)	963	963
Upstream Blk Time (%)	0	0
Queuing Penalty (veh)	3	2
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Queuing and Blocking Report

Future 2035 Build

AM Peak

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	961	1114	921	788	949	16	42	71
Average Queue (ft)	564	612	465	121	274	1	2	23
95th Queue (ft)	1087	1126	1047	563	883	13	22	57
Link Distance (ft)	2213	2213	2213	2213	2213	143	143	456
Upstream Blk Time (%)		0					0	
Queuing Penalty (veh)		0					0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 1824

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	5:45	5:45	5:45	5:45	5:45	5:45	5:45
End Time	7:40	7:40	7:40	7:40	7:40	7:40	7:40
Total Time (min)	115	115	115	115	115	115	115
Time Recorded (min)	55	55	55	55	55	55	55
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	8288	8331	8415	8363	8260	8521	8447
Vehs Exited	8217	8241	8298	8298	8137	8415	8207
Starting Vehs	780	968	780	743	741	694	745
Ending Vehs	851	1058	897	808	864	800	985
Travel Distance (mi)	11833	11935	11991	11979	11757	12101	11935
Travel Time (hr)	1042.6	1123.2	983.4	929.3	932.7	870.3	975.4
Total Delay (hr)	725.4	802.4	661.2	608.9	617.6	546.0	654.7
Total Stops	21262	24735	19597	18585	17843	17449	21928
Fuel Used (gal)	562.0	576.0	551.4	542.4	535.5	532.1	550.8

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	5:45	5:45	5:45	5:45
End Time	7:40	7:40	7:40	7:40
Total Time (min)	115	115	115	115
Time Recorded (min)	55	55	55	55
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	8431	8274	8485	8382
Vehs Exited	8371	8231	8273	8266
Starting Vehs	786	699	729	758
Ending Vehs	846	742	941	873
Travel Distance (mi)	12043	12022	12039	11963
Travel Time (hr)	936.8	894.9	1023.0	971.2
Total Delay (hr)	614.2	572.9	700.6	650.4
Total Stops	19510	16300	21595	19881
Fuel Used (gal)	543.4	534.6	562.7	549.1

Interval #0 Information Seeding

Start Time	5:45
End Time	6:45
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	6:45						
End Time	7:00						
Total Time (min)	15						
Volumes adjusted by Growth Factors, Anti PHF.							
Run Number	1	10	2	3	4	5	6
Vehs Entered	2272	2267	2289	2229	2223	2375	2267
Vehs Exited	2253	2246	2291	2239	2289	2309	2236
Starting Vehs	780	968	780	743	741	694	745
Ending Vehs	799	989	778	733	675	760	776
Travel Distance (mi)	3231	3246	3234	3262	3211	3346	3237
Travel Time (hr)	244.5	279.8	236.9	229.8	229.9	216.9	220.4
Total Delay (hr)	157.7	192.4	149.5	142.5	143.9	127.3	133.5
Total Stops	5161	6803	4896	4968	4639	5013	4865
Fuel Used (gal)	144.5	152.6	142.5	142.0	140.5	141.4	139.3

Interval #1 Information Recording

Start Time	6:45			
End Time	7:00			
Total Time (min)	15			
Volumes adjusted by Growth Factors, Anti PHF.				
Run Number	7	8	9	Avg
Vehs Entered	2274	2210	2375	2273
Vehs Exited	2291	2218	2259	2263
Starting Vehs	786	699	729	758
Ending Vehs	769	691	845	771
Travel Distance (mi)	3322	3176	3305	3257
Travel Time (hr)	237.1	206.2	238.3	234.0
Total Delay (hr)	148.3	121.1	149.8	146.6
Total Stops	5329	3863	5432	5095
Fuel Used (gal)	145.7	135.5	144.8	142.9



Interval #2 Information Recording

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2350	2246	2251	2318	2297	2289	2298
Vehs Exited	2154	2251	2194	2253	2197	2297	2238
Starting Vehs	799	989	778	733	675	760	776
Ending Vehs	995	984	835	798	775	752	836
Travel Distance (mi)	3246	3221	3231	3251	3194	3300	3224
Travel Time (hr)	281.1	294.2	261.5	241.8	239.9	232.4	247.3
Total Delay (hr)	194.1	207.8	174.7	154.8	154.2	143.9	160.9
Total Stops	6048	6346	5188	4892	4337	4649	5268
Fuel Used (gal)	152.9	153.9	147.3	144.1	142.5	143.8	145.6

Interval #2 Information Recording

Start Time	7:00
End Time	7:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	2264	2324	2316	2293
Vehs Exited	2161	2207	2222	2218
Starting Vehs	769	691	845	771
Ending Vehs	872	808	939	858
Travel Distance (mi)	3175	3321	3233	3239
Travel Time (hr)	247.4	240.8	272.6	255.9
Total Delay (hr)	161.9	151.4	185.6	168.9
Total Stops	5425	4531	5606	5233
Fuel Used (gal)	143.0	145.7	150.3	146.9

Interval #3 Information Recording

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2208	2255	2330	2283	2209	2327	2381
Vehs Exited	2298	2226	2260	2271	2156	2298	2227
Starting Vehs	995	984	835	798	775	752	836
Ending Vehs	905	1013	905	810	828	781	990
Travel Distance (mi)	3263	3250	3321	3299	3177	3297	3265
Travel Time (hr)	312.3	317.4	282.7	271.5	265.5	247.4	294.1
Total Delay (hr)	225.0	230.0	193.5	183.4	180.4	159.4	205.7
Total Stops	6245	6717	5650	5459	4955	4716	7040
Fuel Used (gal)	160.4	158.7	154.9	153.4	147.4	147.5	156.7

Interval #3 Information Recording

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	2322	2255	2252	2279
Vehs Exited	2397	2284	2261	2264
Starting Vehs	872	808	939	858
Ending Vehs	797	779	930	866
Travel Distance (mi)	3386	3363	3285	3290
Travel Time (hr)	266.6	268.6	296.5	282.3
Total Delay (hr)	176.4	179.0	208.9	194.2
Total Stops	5042	4782	6018	5661
Fuel Used (gal)	153.0	153.0	157.7	154.3

Interval #4 Information Recording

Start Time	7:30
End Time	7:40
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1458	1563	1545	1533	1531	1530	1501
Vehs Exited	1512	1518	1553	1535	1495	1511	1506
Starting Vehs	905	1013	905	810	828	781	990
Ending Vehs	851	1058	897	808	864	800	985
Travel Distance (mi)	2094	2217	2205	2167	2174	2158	2209
Travel Time (hr)	204.8	231.8	202.2	186.1	197.4	173.7	213.6
Total Delay (hr)	148.5	172.2	143.4	128.3	139.2	115.5	154.5
Total Stops	3808	4869	3863	3266	3912	3071	4755
Fuel Used (gal)	104.2	110.7	106.8	102.9	105.1	99.4	109.3

Interval #4 Information Recording

Start Time	7:30
End Time	7:40
Total Time (min)	10
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1571	1485	1542	1524
Vehs Exited	1522	1522	1531	1522
Starting Vehs	797	779	930	866
Ending Vehs	846	742	941	873
Travel Distance (mi)	2161	2162	2217	2177
Travel Time (hr)	185.7	179.3	215.6	199.0
Total Delay (hr)	127.6	121.4	156.3	140.7
Total Stops	3714	3124	4539	3892
Fuel Used (gal)	101.6	100.4	109.9	105.0

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBR	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.4	0.2	4.0	0.2	4.0	0.1	0.0	0.1	1.8	0.2	3.1	0.2
Total Delay (hr)	0.5	0.0	0.1	0.3	0.2	0.0	5.3	0.0	0.0	0.4	0.0	7.0
Total Del/Veh (s)	57.7	55.0	5.1	61.5	58.4	8.7	7.8	4.8	34.0	2.3	1.3	7.6
Travel Time (hr)	0.7	0.0	0.5	0.4	0.3	0.1	14.8	0.1	0.0	1.8	0.0	18.7
Avg Speed (mph)	5	3	17	3	3	24	29	27	6	33	24	27
Vehicles Entered	32	1	65	19	14	14	2421	18	2	679	7	3272
Vehicles Exited	33	1	65	19	14	14	2417	18	2	677	7	3267
Hourly Exit Rate	36	1	71	21	15	15	2637	20	2	739	8	3564
Input Volume	36	1	68	19	15	19	2754	19	3	743	8	3685
% of Volume	100	109	104	109	102	80	96	103	73	99	95	97

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by movement

Movement	NWL	NWR	NET	NER	SWL	SWT	All
Denied Delay (hr)	92.5	85.3	0.0	0.0	0.1	0.8	178.7
Denied Del/Veh (s)	2235.9	2241.8	0.0	0.0	21.7	3.7	182.9
Total Delay (hr)	11.8	10.6	5.4	0.0	0.7	33.7	62.2
Total Del/Veh (s)	2653.1	2375.3	8.0	1.0	161.4	156.9	67.7
Travel Time (hr)	104.3	95.9	17.3	0.2	0.9	39.1	257.7
Avg Speed (mph)	0	0	30	36	5	5	9
Vehicles Entered	4	4	2434	30	16	750	3238
Vehicles Exited	4	4	2441	30	16	718	3213
Hourly Exit Rate	4	4	2663	33	17	783	3505
Input Volume	98	90	2699	31	17	822	3757
% of Volume	4	5	99	106	103	95	93

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by movement

Movement	NBL	NBT	SBU	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	1.2	21.3	3.9	26.4
Denied Del/Veh (s)	0.0	0.0	162.0	118.4	160.5	22.6
Total Delay (hr)	8.8	7.3	0.7	46.7	14.1	77.6
Total Del/Veh (s)	31.9	10.6	90.9	251.4	523.0	65.6
Travel Time (hr)	14.1	18.6	2.0	71.0	18.5	124.3
Avg Speed (mph)	13	24	7	3	1	8
Vehicles Entered	988	2455	25	611	81	4160
Vehicles Exited	976	2448	25	617	80	4146
Hourly Exit Rate	1065	2671	27	673	87	4523
Input Volume	1093	2704	35	793	119	4744
% of Volume	97	99	78	85	73	95

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	20.3	1.2	0.1	0.0	0.1	17.6	20.8	0.1	1.5	1.8	63.3
Total Del/Veh (s)	55.0	25.6	0.6	0.5	0.8	67.2	41.5	17.6	23.9	16.1	40.5
Travel Time (hr)	23.8	1.5	1.2	0.0	1.0	23.0	29.8	0.3	2.3	3.8	86.7
Avg Speed (mph)	4	8	23	31	28	8	12	18	16	17	10
Vehicles Entered	1302	161	356	9	372	927	1776	27	221	398	5549
Vehicles Exited	1300	162	356	9	372	906	1763	27	221	395	5511
Hourly Exit Rate	1418	177	388	10	406	988	1923	29	241	431	6012
Input Volume	1397	171	381	8	408	1013	1984	27	267	529	6185
% of Volume	102	103	102	123	99	98	97	109	90	81	97

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	5.1	0.8	0.5	3.6	0.0	0.4	20.2	0.2	1.2	0.9	32.8
Total Del/Veh (s)	41.8	49.9	49.9	63.2	9.0	2.4	42.0	5.4	59.2	6.5	31.2
Travel Time (hr)	8.0	1.2	0.7	4.3	0.1	2.4	24.6	0.8	1.6	3.8	47.4
Avg Speed (mph)	9	8	8	4	12	19	8	21	9	28	10
Vehicles Entered	423	55	34	196	11	592	1704	140	70	508	3733
Vehicles Exited	430	56	34	199	11	592	1705	141	67	501	3736
Hourly Exit Rate	469	61	37	217	12	646	1860	154	73	547	4076
Input Volume	454	61	35	217	8	637	1930	156	84	565	4147
% of Volume	103	100	106	100	150	101	96	99	87	97	98

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBU	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.1	0.4	0.0	2.5	0.0	0.0	0.1	0.5	0.0	3.6
Total Del/Veh (s)	60.3	10.5	66.4	29.0	7.2	5.0	3.2	17.4	33.3	2.4	1.3	4.9
Travel Time (hr)	0.1	0.0	0.1	0.6	0.1	11.3	0.0	0.0	0.1	3.5	0.1	15.9
Avg Speed (mph)	4	11	4	6	27	34	31	16	13	38	33	34
Vehicles Entered	4	1	3	45	13	1826	2	1	8	730	18	2651
Vehicles Exited	4	1	3	45	13	1815	2	1	8	728	18	2638
Hourly Exit Rate	4	1	3	49	14	1980	2	1	9	794	20	2878
Input Volume	5	1	5	48	13	2033	1	1	9	805	22	2943
% of Volume	87	109	65	102	109	97	218	109	97	99	89	98

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by movement

Movement	EBL	EBR	NBL	NBT	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)		0.1	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.0	0.0	0.0	2.4	0.3	0.0	2.7
Total Del/Veh (s)		5.0	8.2	4.6	1.5	1.5	3.7
Travel Time (hr)	0.0	0.0	0.1	12.4	3.4	0.3	16.3
Avg Speed (mph)	4	11	28	36	41	33	37
Vehicles Entered	0	4	12	1843	669	49	2577
Vehicles Exited	0	4	12	1844	669	48	2577
Hourly Exit Rate	0	4	13	2012	730	52	2811
Input Volume	1	4	14	2051	738	55	2863
% of Volume	0	109	94	98	99	95	98

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Delay (hr)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.2	3.6	0.6	0.1	0.2	0.0	0.1	0.4	0.3	0.0	0.0
Total Delay (hr)	1.9	0.1	0.2	0.7	0.3	0.1	0.3	3.0	17.2	0.1	1.5	3.0
Total Del/Veh (s)	54.1	46.3	7.2	51.4	53.0	1.5	73.6	70.6	38.5	6.9	64.4	21.5
Travel Time (hr)	2.3	0.2	0.6	0.9	0.4	0.8	0.4	3.4	20.0	0.2	1.7	4.1
Avg Speed (mph)	4	4	13	6	6	21	3	3	6	15	4	11
Vehicles Entered	125	11	99	46	20	153	17	148	1592	48	80	508
Vehicles Exited	128	11	99	48	20	154	16	144	1577	48	78	505
Hourly Exit Rate	140	12	108	52	22	168	17	157	1720	52	85	551
Input Volume	146	12	107	53	22	164	21	172	1772	52	85	562
% of Volume	96	100	101	99	99	102	83	91	97	101	100	98

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	SBR	All
Denied Delay (hr)	0.0	0.3
Denied Del/Veh (s)	0.0	0.4
Total Delay (hr)	0.1	28.5
Total Del/Veh (s)	4.1	34.7
Travel Time (hr)	0.4	35.4
Avg Speed (mph)	20	7
Vehicles Entered	81	2928
Vehicles Exited	82	2910
Hourly Exit Rate	89	3175
Input Volume	92	3260
% of Volume	97	97

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by movement

Movement	EBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.2	0.0	0.2	0.1
Total Delay (hr)	0.0	0.0	0.2	0.0	0.2
Total Del/Veh (s)	2.8	2.1	1.1	1.3	1.2
Travel Time (hr)	0.0	0.4	2.0	0.6	3.0
Avg Speed (mph)	20	31	41	32	38
Vehicles Entered	5	72	512	112	701
Vehicles Exited	5	73	517	112	707
Hourly Exit Rate	5	80	564	122	771
Input Volume	5	79	573	123	780
% of Volume	109	101	98	99	99

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by movement

Movement	EBL	EBT	WBR	NBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	2.9	0.0	2.9
Denied Del/Veh (s)	0.8	1.5	0.3	6.3	0.0	5.3
Total Delay (hr)	0.2	2.0	3.4	45.0	0.4	51.1
Total Del/Veh (s)	73.3	104.4	44.5	97.7	52.0	90.0
Travel Time (hr)	0.2	2.2	4.5	71.8	0.9	79.6
Avg Speed (mph)	2	1	6	15	22	14
Vehicles Entered	7	67	270	1612	30	1986
Vehicles Exited	7	67	273	1565	29	1941
Hourly Exit Rate	8	73	298	1707	32	2117
Input Volume	8	72	293	1769	34	2176
% of Volume	95	102	102	97	93	97

11: Austin Run Blvd & Jeff Davis Hwy (Rt-1) Performance by movement

Movement	SBL	SBT	NWL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.0	0.1
Total Delay (hr)	1.1	1.5	0.1	2.6
Total Del/Veh (s)	16.4	12.1	9.1	13.5
Travel Time (hr)	2.4	3.0	0.1	5.5
Avg Speed (mph)	15	22	9	19
Vehicles Entered	237	442	24	703
Vehicles Exited	236	438	24	698
Hourly Exit Rate	257	478	26	761
Input Volume	267	480	30	777
% of Volume	96	100	87	98

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by movement

Movement	NBL	NBT	NBR	SEL	SET	NWT	NWR	All
Denied Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.5	0.3	2.5	0.0	0.0	0.1	0.1	0.3
Total Delay (hr)	0.0	3.7	0.0	0.4	0.0	0.1	0.0	4.2
Total Del/Veh (s)	9.6	9.9	2.5	5.9	7.0	14.4	6.4	9.3
Travel Time (hr)	0.1	5.9	0.1	0.8	0.0	0.1	0.1	7.1
Avg Speed (mph)	13	16	19	10	9	9	11	15
Vehicles Entered	11	1335	15	227	10	13	23	1634
Vehicles Exited	11	1335	15	227	10	13	23	1634
Hourly Exit Rate	12	1456	16	248	11	14	25	1783
Input Volume	12	1452	18	256	11	18	27	1794
% of Volume	100	100	91	97	99	79	93	99

13: Aquia Town Ctr Dr & Washington Dr Performance by movement

Movement	EBT	WBL	WBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	1.8	2.5	0.8	0.2	5.4
Total Del/Veh (s)	34.6	12.3	7.4	5.3	13.2
Travel Time (hr)	2.3	9.2	4.0	1.4	16.8
Avg Speed (mph)	7	23	28	20	22
Vehicles Entered	184	731	375	149	1439
Vehicles Exited	189	732	374	147	1442
Hourly Exit Rate	206	799	408	160	1573
Input Volume	194	789	408	164	1555
% of Volume	106	101	100	98	101

23: Jeff Davis Hwy (Rt-1) & Carnaby St Performance by movement

Movement	EBR	SBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1
Total Delay (hr)	0.3	0.1	0.5
Total Del/Veh (s)	6.6	1.0	2.4
Travel Time (hr)	1.0	1.9	2.8
Avg Speed (mph)	15	41	33
Vehicles Entered	175	518	693
Vehicles Exited	175	515	690
Hourly Exit Rate	191	562	753
Input Volume	188	572	760
% of Volume	102	98	99



24: Jeff Davis Hwy (Rt-1) Performance by movement

Movement	NBT	SBT	SBR	All
Denied Delay (hr)	0.2	0.0	0.0	0.2
Denied Del/Veh (s)	0.4	0.0	0.0	0.3
Total Delay (hr)	29.5	0.0	0.5	30.0
Total Del/Veh (s)	57.6	2.9	2.6	42.5
Travel Time (hr)	36.8	0.1	1.9	38.7
Avg Speed (mph)	8	21	27	9
Vehicles Entered	1802	29	662	2493
Vehicles Exited	1810	29	666	2505
Hourly Exit Rate	1975	32	727	2733
Input Volume	2024	29	741	2794
% of Volume	98	109	98	98

25: Town Center Dr & Aquia Town Ctr Dr Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	NBT	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0
Total Delay (hr)	0.1	0.0	0.1	0.0	0.0	0.0	0.0	1.3	1.6
Total Del/Veh (s)	3.0	3.2	2.9	1.9	2.9	3.7	3.7	6.3	5.3
Travel Time (hr)	0.7	0.2	0.4	0.0	0.2	0.0	0.0	6.5	8.1
Avg Speed (mph)	17	17	18	22	21	21	20	18	18
Vehicles Entered	134	45	89	2	57	13	4	729	1073
Vehicles Exited	136	46	90	2	58	13	4	729	1078
Hourly Exit Rate	148	50	98	2	63	14	4	795	1176
Input Volume	151	54	100	2	65	13	5	784	1174
% of Volume	98	93	98	109	97	109	87	101	100

42: Jeff Davis Hwy (Rt-1) Performance by movement

Movement	NBT	SBT	All
Denied Delay (hr)	0.1	0.0	0.1
Denied Del/Veh (s)	0.1	0.0	0.1
Total Delay (hr)	9.2	0.3	9.5
Total Del/Veh (s)	17.5	1.4	12.9
Travel Time (hr)	17.4	2.6	20.0
Avg Speed (mph)	21	35	23
Vehicles Entered	1880	759	2639
Vehicles Exited	1863	759	2622
Hourly Exit Rate	2032	828	2860
Input Volume	2105	841	2946
% of Volume	97	98	97

93: Garrisonville Road Performance by movement

Movement	EBT	EBR	WBT	SWR	All
Denied Delay (hr)	0.1	0.1	0.0	0.0	0.2
Denied Del/Veh (s)	0.2	0.2	0.0	0.2	0.2
Total Delay (hr)	29.1	10.5	0.8	0.1	40.5
Total Del/Veh (s)	56.1	31.4	2.2	1.8	32.0
Travel Time (hr)	51.1	25.9	4.7	0.7	82.3
Avg Speed (mph)	15	19	20	22	17
Vehicles Entered	1808	1174	1306	175	4463
Vehicles Exited	1812	1173	1304	175	4464
Hourly Exit Rate	1977	1280	1423	191	4870
Input Volume	1941	1290	1547	194	4972
% of Volume	102	99	92	98	98

Total Network Performance

Movement	All
Denied Delay (hr)	209.7
Denied Del/Veh (s)	86.6
Total Delay (hr)	440.6
Total Del/Veh (s)	173.6
Travel Time (hr)	971.2
Avg Speed (mph)	16
Vehicles Entered	8382
Vehicles Exited	8266
Hourly Exit Rate	9017
Input Volume	68770
% of Volume	13

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	107	86	96	58	44	232	248	17	20	106	113	27
Average Queue (ft)	36	33	25	15	7	94	117	1	2	33	27	1
95th Queue (ft)	84	65	75	46	29	196	224	10	13	80	77	13
Link Distance (ft)	519		363			862	862			445	445	
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)	0	0	27	17		0	0					
Queuing Penalty (veh)	0	0	4	3		0	0					

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	NW	NE	NE	NE	SW	SW	SW	B20	B20
Directions Served	LTR	T	T	R	L	T	TR	T	T
Maximum Queue (ft)	530	280	302	173	119	1162	1210	89	97
Average Queue (ft)	520	21	24	7	26	691	769	32	36
95th Queue (ft)	535	247	259	130	88	1479	1559	210	225
Link Distance (ft)	518	1091	1091	1091		1441	1441	862	862
Upstream Blk Time (%)	100		0			3	11		
Queuing Penalty (veh)	0		0			12	44		
Storage Bay Dist (ft)						200			
Storage Blk Time (%)						0	3		
Queuing Penalty (veh)						0	1		

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	T	T	T	U	T	T	TR
Maximum Queue (ft)	770	870	894	836	141	1112	1092	1132
Average Queue (ft)	413	208	220	96	36	773	1060	1086
95th Queue (ft)	719	723	717	472	100	1325	1200	1205
Link Distance (ft)	839	839	839	839		1091	1091	1091
Upstream Blk Time (%)	1	0	0	0		5	4	46
Queuing Penalty (veh)	13	3	4	1		15	11	139
Storage Bay Dist (ft)						150		
Storage Blk Time (%)						0	11	
Queuing Penalty (veh)						0	4	

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	NB	NB	NB	NB	NB	NB	SB	SB	SB
Directions Served	L	LT	T	L	L	T	T	T	R	T	T	R
Maximum Queue (ft)	396	407	157	470	481	1030	1043	1049	248	137	156	88
Average Queue (ft)	360	384	38	311	320	468	651	515	27	51	58	29
95th Queue (ft)	440	395	114	474	479	1005	1251	1033	136	111	125	66
Link Distance (ft)	143	143	143			1015	1015	1015		839	839	839
Upstream Blk Time (%)	49	62	0			0	1	1				
Queuing Penalty (veh)	237	302	1			2	13	5				
Storage Bay Dist (ft)				550	550					300		
Storage Blk Time (%)				0	0	0		10	0			
Queuing Penalty (veh)				0	3	5		3	0			

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	SB
Directions Served	R
Maximum Queue (ft)	110
Average Queue (ft)	49
95th Queue (ft)	91
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	575
Storage Blk Time (%)	
Queuing Penalty (veh)	

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr

Movement	EB	EB	EB	WB	WB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	L	TR	L	L	T	T	R	L	L	T	T
Maximum Queue (ft)	266	239	165	183	200	583	583	502	86	103	71	182
Average Queue (ft)	169	150	76	89	107	421	402	101	31	35	23	39
95th Queue (ft)	247	226	138	159	174	641	641	404	69	83	59	151
Link Distance (ft)	865	865	865		394	554	554				1015	1015
Upstream Blk Time (%)						7	6	0				0
Queuing Penalty (veh)						75	59	0				0
Storage Bay Dist (ft)				250				565	290	290		
Storage Blk Time (%)				0	0			6	0			
Queuing Penalty (veh)				0	0			9	2			

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr

Movement	SB
Directions Served	T
Maximum Queue (ft)	58
Average Queue (ft)	6
95th Queue (ft)	33
Link Distance (ft)	1015
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LTR	L	T	T	R	UL	T	T	R
Maximum Queue (ft)	31	14	88	24	159	165	3	40	109	130	28
Average Queue (ft)	5	1	32	5	45	41	0	7	25	37	2
95th Queue (ft)	21	8	69	21	148	140	2	27	81	101	12
Link Distance (ft)	490	490	399		1037	1037			963	963	
Upstream Blk Time (%)											
Queuing Penalty (veh)											
Storage Bay Dist (ft)				300				145	270		290
Storage Blk Time (%)					0	1					
Queuing Penalty (veh)					0	0					

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	NB	NB	B36	B36	SB
Directions Served	LTR	LT	T	T	T	R
Maximum Queue (ft)	24	90	34	380	335	2
Average Queue (ft)	3	10	1	24	24	0
95th Queue (ft)	16	49	23	181	182	2
Link Distance (ft)	391	1219	1219	430	430	
Upstream Blk Time (%)				0	0	
Queuing Penalty (veh)				0	0	
Storage Bay Dist (ft)						195
Storage Blk Time (%)						
Queuing Penalty (veh)						

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	R	L	LT	UL	T	T	R	L	L	T
Maximum Queue (ft)	219	45	75	80	138	250	375	372	334	90	110	212
Average Queue (ft)	103	10	35	11	52	200	350	351	52	27	56	115
95th Queue (ft)	186	34	63	47	109	306	375	373	224	68	98	192
Link Distance (ft)	345	345			598		335	335				430
Upstream Blk Time (%)							31	33	0			
Queuing Penalty (veh)							313	326	0			
Storage Bay Dist (ft)			110	350		250			340	260	260	
Storage Blk Time (%)			0			1	40	33	0			0
Queuing Penalty (veh)			0			11	77	17	1			0

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	SB	SB
Directions Served	T	R
Maximum Queue (ft)	234	86
Average Queue (ft)	128	27
95th Queue (ft)	208	62
Link Distance (ft)	430	
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	400	
Storage Blk Time (%)		
Queuing Penalty (veh)		

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	SB	SB	SB	SB
Directions Served	R	L	T	T	R
Maximum Queue (ft)	43	46	47	49	34
Average Queue (ft)	5	4	3	4	2
95th Queue (ft)	25	28	23	22	15
Link Distance (ft)	437		841	841	
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)		400			270
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB
Directions Served	LT	R	T	T	R
Maximum Queue (ft)	186	347	1271	1301	488
Average Queue (ft)	97	171	782	782	101
95th Queue (ft)	188	295	1953	1968	487
Link Distance (ft)	199	479	3531	3531	
Upstream Blk Time (%)	3	0			
Queuing Penalty (veh)	3	0			
Storage Bay Dist (ft)					685
Storage Blk Time (%)				22	0
Queuing Penalty (veh)				7	2

Intersection: 11: Austin Run Blvd & Jeff Davis Hwy (Rt-1)

Movement	SB	SB	SB	NW
Directions Served	L	T	T	L
Maximum Queue (ft)	162	160	162	52
Average Queue (ft)	88	61	79	13
95th Queue (ft)	141	125	137	41
Link Distance (ft)		769	769	138
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	270			
Storage Blk Time (%)				
Queuing Penalty (veh)				

Queuing and Blocking Report

Future 2035 Build  
AM Peak

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	NB	NB	NB	SE	NW
Directions Served	LT	T	R	LT	TR
Maximum Queue (ft)	282	219	56	126	51
Average Queue (ft)	142	93	5	33	18
95th Queue (ft)	236	183	30	93	41
Link Distance (ft)	360	360		138	264
Upstream Blk Time (%)	0			0	
Queuing Penalty (veh)	0			0	
Storage Bay Dist (ft)			100		
Storage Blk Time (%)		2	0		
Queuing Penalty (veh)		0	0		

Intersection: 13: Aquia Town Ctr Dr & Washington Dr

Movement	EB	EB	WB	WB	NB
Directions Served	T	T	L	T	R
Maximum Queue (ft)	172	138	199	466	80
Average Queue (ft)	87	65	149	96	44
95th Queue (ft)	143	118	231	339	70
Link Distance (ft)	365	365		1479	799
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			200		
Storage Blk Time (%)			3	1	
Queuing Penalty (veh)			11	9	

Intersection: 23: Jeff Davis Hwy (Rt-1) & Carnaby St

Movement	EB
Directions Served	R
Maximum Queue (ft)	109
Average Queue (ft)	51
95th Queue (ft)	86
Link Distance (ft)	433
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Queuing and Blocking Report

Future 2035 Build

AM Peak

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB
Directions Served	T	T
Maximum Queue (ft)	822	808
Average Queue (ft)	633	632
95th Queue (ft)	1043	1037
Link Distance (ft)	825	825
Upstream Blk Time (%)	4	3
Queuing Penalty (veh)	37	27
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 25: Town Center Dr & Aquia Town Ctr Dr

Movement	EB	EB	NB	SB	SB
Directions Served	L	TR	LTR	UL	R
Maximum Queue (ft)	60	55	42	200	140
Average Queue (ft)	7	7	6	15	46
95th Queue (ft)	33	32	28	116	125
Link Distance (ft)	394	394	420	799	
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)					150
Storage Blk Time (%)				1	1
Queuing Penalty (veh)				7	0

Intersection: 42: Jeff Davis Hwy (Rt-1)

Movement	NB	NB
Directions Served	T	T
Maximum Queue (ft)	377	368
Average Queue (ft)	135	128
95th Queue (ft)	567	556
Link Distance (ft)	963	963
Upstream Blk Time (%)	0	0
Queuing Penalty (veh)	3	2
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Queuing and Blocking Report

Future 2035 Build

AM Peak

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	961	1114	921	788	949	16	42	71
Average Queue (ft)	564	612	465	121	274	1	2	23
95th Queue (ft)	1087	1126	1047	563	883	13	22	57
Link Distance (ft)	2213	2213	2213	2213	2213	143	143	456
Upstream Blk Time (%)		0					0	
Queuing Penalty (veh)		0					0	
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 1824



Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	3:15	3:15	3:15	3:15	3:15	3:15	3:15
End Time	5:15	5:15	5:15	5:15	5:15	5:15	5:15
Total Time (min)	120	120	120	120	120	120	120
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	9163	9411	9434	9384	9536	9455	9677
Vehs Exited	9058	9206	9286	9212	9362	9295	9347
Starting Vehs	1426	1547	1372	1393	1379	1406	1407
Ending Vehs	1531	1752	1520	1565	1553	1566	1737
Travel Distance (mi)	13060	13094	13406	13208	13539	13381	13580
Travel Time (hr)	3126.8	3181.6	3026.2	3153.8	2904.1	3141.1	3251.3
Total Delay (hr)	2773.0	2826.2	2663.7	2797.8	2537.6	2779.1	2884.3
Total Stops	33322	33844	32042	33070	32313	33130	36560
Fuel Used (gal)	1060.0	1070.8	1048.8	1071.6	1027.7	1074.7	1100.3

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	3:15	3:15	3:15	3:15
End Time	5:15	5:15	5:15	5:15
Total Time (min)	120	120	120	120
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	9470	9508	9418	9443
Vehs Exited	9108	9167	9181	9223
Starting Vehs	1647	1261	1486	1429
Ending Vehs	2009	1602	1723	1653
Travel Distance (mi)	12855	13230	13159	13251
Travel Time (hr)	3534.7	3226.1	3176.1	3172.2
Total Delay (hr)	3185.5	2868.0	2819.1	2813.4
Total Stops	36363	32923	33895	33747
Fuel Used (gal)	1143.7	1089.2	1071.8	1075.9

Interval #0 Information Seeding

Start Time	3:15
End Time	4:15
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	4:15						
End Time	4:30						
Total Time (min)	15						
Volumes adjusted by Growth Factors, Anti PHF.							
Run Number	1	10	2	3	4	5	6
Vehs Entered	2283	2302	2334	2281	2247	2359	2304
Vehs Exited	2301	2324	2378	2204	2314	2273	2226
Starting Vehs	1426	1547	1372	1393	1379	1406	1407
Ending Vehs	1408	1525	1328	1470	1312	1492	1485
Travel Distance (mi)	3275	3191	3430	3190	3293	3325	3252
Travel Time (hr)	607.2	610.7	575.4	611.4	568.8	601.7	636.7
Total Delay (hr)	518.4	524.0	482.9	525.7	479.8	511.6	548.8
Total Stops	7932	7790	8095	7765	7732	7997	8324
Fuel Used (gal)	226.0	223.9	225.0	224.6	219.0	226.8	232.9

Interval #1 Information Recording

Start Time	4:15			
End Time	4:30			
Total Time (min)	15			
Volumes adjusted by Growth Factors, Anti PHF.				
Run Number	7	8	9	Avg
Vehs Entered	2335	2437	2361	2323
Vehs Exited	2242	2315	2320	2286
Starting Vehs	1647	1261	1486	1429
Ending Vehs	1740	1383	1527	1460
Travel Distance (mi)	3145	3411	3343	3286
Travel Time (hr)	684.5	620.5	606.2	612.3
Total Delay (hr)	598.9	528.3	515.5	523.4
Total Stops	8818	7839	8573	8086
Fuel Used (gal)	239.3	232.9	227.9	227.8

Interval #2 Information Recording

Start Time	4:30
End Time	4:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2286	2248	2369	2347	2462	2277	2480
Vehs Exited	2173	2218	2323	2342	2415	2394	2337
Starting Vehs	1408	1525	1328	1470	1312	1492	1485
Ending Vehs	1521	1555	1374	1475	1359	1375	1628
Travel Distance (mi)	3174	3181	3276	3346	3460	3334	3467
Travel Time (hr)	727.6	730.0	684.2	736.0	661.1	722.0	751.8
Total Delay (hr)	641.3	643.5	595.4	645.6	567.6	631.9	658.3
Total Stops	8046	8298	7733	8665	7880	8270	9025
Fuel Used (gal)	249.9	250.1	244.5	258.3	244.9	254.0	262.9

Interval #2 Information Recording

Start Time	4:30
End Time	4:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	2280	2351	2359	2343
Vehs Exited	2273	2307	2300	2308
Starting Vehs	1740	1383	1527	1460
Ending Vehs	1747	1427	1586	1499
Travel Distance (mi)	3209	3340	3312	3310
Travel Time (hr)	824.1	740.2	726.6	730.4
Total Delay (hr)	737.4	650.2	636.9	640.8
Total Stops	9111	7949	8430	8341
Fuel Used (gal)	272.4	258.6	253.5	254.9

Interval #3 Information Recording

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2378	2436	2370	2293	2437	2384	2370
Vehs Exited	2384	2355	2224	2267	2300	2253	2271
Starting Vehs	1521	1555	1374	1475	1359	1375	1628
Ending Vehs	1515	1636	1520	1501	1496	1506	1727
Travel Distance (mi)	3421	3337	3258	3244	3414	3317	3345
Travel Time (hr)	843.8	852.2	815.6	843.9	778.0	848.8	874.4
Total Delay (hr)	751.3	761.8	727.0	756.8	685.1	759.3	784.4
Total Stops	8917	8544	7663	8089	8203	8206	9225
Fuel Used (gal)	283.6	282.1	272.5	278.5	269.6	282.4	286.8

Interval #3 Information Recording

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	2344	2230	2366	2359
Vehs Exited	2280	2265	2252	2281
Starting Vehs	1747	1427	1586	1499
Ending Vehs	1811	1392	1700	1573
Travel Distance (mi)	3242	3206	3160	3294
Travel Time (hr)	951.7	869.2	855.9	853.4
Total Delay (hr)	864.0	782.4	770.0	764.2
Total Stops	9371	8383	8104	8478
Fuel Used (gal)	301.7	283.9	277.6	281.9

Interval #4 Information Recording

Start Time	5:00
End Time	5:15
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2216	2425	2361	2463	2390	2435	2523
Vehs Exited	2200	2309	2361	2399	2333	2375	2513
Starting Vehs	1515	1636	1520	1501	1496	1506	1727
Ending Vehs	1531	1752	1520	1565	1553	1566	1737
Travel Distance (mi)	3190	3384	3442	3429	3372	3405	3516
Travel Time (hr)	948.2	988.6	951.0	962.5	896.2	968.6	988.4
Total Delay (hr)	862.0	896.9	858.3	869.7	805.1	876.4	892.9
Total Stops	8427	9212	8551	8551	8498	8657	9986
Fuel Used (gal)	300.6	314.6	306.8	310.2	294.3	311.5	317.8

Interval #4 Information Recording

Start Time	5:00
End Time	5:15
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	2511	2490	2332	2414
Vehs Exited	2313	2280	2309	2338
Starting Vehs	1811	1392	1700	1573
Ending Vehs	2009	1602	1723	1653
Travel Distance (mi)	3259	3274	3344	3362
Travel Time (hr)	1074.4	996.1	987.3	976.1
Total Delay (hr)	985.3	907.0	896.7	885.0
Total Stops	9063	8752	8788	8845
Fuel Used (gal)	330.3	313.9	312.8	311.3

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.1	0.0	0.0	622.6	622.6
Denied Del/Veh (s)	3.1	0.6	0.0	746.8	542.0
Total Delay (hr)	0.6	1.2	1.4	22.8	25.9
Total Del/Veh (s)	24.8	74.3	5.1	38.8	28.7
Travel Time (hr)	1.0	1.4	5.4	649.4	657.1
Avg Speed (mph)	9	3	32	7	10
Vehicles Entered	80	56	999	2082	3217
Vehicles Exited	80	56	998	2080	3214
Hourly Exit Rate	80	56	998	2080	3214
Input Volume	81	53	1255	2704	4093
% of Volume	99	106	80	77	79

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by approach

Approach	SE	NW	NE	SW	All
Denied Delay (hr)	0.0	173.8	0.0	2.0	175.8
Denied Del/Veh (s)	0.1	2454.0	0.0	3.3	182.3
Total Delay (hr)	0.0	24.1	0.3	83.0	107.4
Total Del/Veh (s)	155.4	2066.9	0.9	131.5	114.8
Travel Time (hr)	0.0	198.0	5.4	98.6	302.1
Avg Speed (mph)	0	0	42	6	7
Vehicles Entered	1	18	1046	2168	3233
Vehicles Exited	1	18	1044	2166	3229
Hourly Exit Rate	1	18	1044	2166	3229
Input Volume	1	156	1262	2776	4195
% of Volume	100	12	83	78	77

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.0	2.2	2.2
Denied Del/Veh (s)	0.0	3.7	2.3
Total Delay (hr)	5.9	100.7	106.5
Total Del/Veh (s)	15.6	161.9	106.8
Travel Time (hr)	12.3	113.3	125.6
Avg Speed (mph)	20	4	6
Vehicles Entered	1332	2132	3464
Vehicles Exited	1334	2132	3466
Hourly Exit Rate	1334	2132	3466
Input Volume	1600	2811	4411
% of Volume	83	76	79

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	4.3	0.0	0.0	3.8	8.1
Denied Del/Veh (s)	7.2	0.0	0.0	6.5	4.8
Total Delay (hr)	41.0	0.0	53.6	56.1	150.7
Total Del/Veh (s)	68.4	0.4	112.2	93.0	88.1
Travel Time (hr)	51.4	0.3	62.8	69.3	183.7
Avg Speed (mph)	3	30	5	5	5
Vehicles Entered	2122	107	1659	2092	5980
Vehicles Exited	2124	107	1658	2093	5982
Hourly Exit Rate	2124	107	1658	2093	5982
Input Volume	2820	101	1858	2757	7536
% of Volume	75	106	89	76	79

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.0	0.0	0.0
Total Delay (hr)	6.3	3.9	30.4	17.8	58.4
Total Del/Veh (s)	58.9	18.9	102.2	29.7	48.3
Travel Time (hr)	8.9	6.4	33.2	29.6	78.1
Avg Speed (mph)	7	9	4	15	9
Vehicles Entered	380	735	1033	2135	4283
Vehicles Exited	382	735	1030	2128	4275
Hourly Exit Rate	382	735	1030	2128	4275
Input Volume	382	743	1254	2782	5161
% of Volume	100	99	82	76	83

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	1.3	0.3	1.6
Denied Del/Veh (s)	0.2	0.1	4.7	0.4	1.7
Total Delay (hr)	2.6	0.4	65.6	12.4	81.0
Total Del/Veh (s)	75.6	54.3	222.2	19.4	83.2
Travel Time (hr)	3.4	0.6	71.8	22.6	98.3
Avg Speed (mph)	3	4	3	19	7
Vehicles Entered	124	28	1019	2264	3435
Vehicles Exited	124	27	975	2267	3393
Hourly Exit Rate	124	27	975	2267	3393
Input Volume	126	26	1194	2836	4182
% of Volume	98	104	82	80	81

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	16.1	0.0	0.6	0.0	16.7
Denied Del/Veh (s)	818.6	0.1	1.8	0.0	18.2
Total Delay (hr)	15.8	0.4	48.8	4.3	69.2
Total Del/Veh (s)	1206.8	167.7	157.9	7.3	75.3
Travel Time (hr)	32.1	0.4	55.1	14.4	101.9
Avg Speed (mph)	0	1	5	31	8
Vehicles Entered	33	7	1090	2134	3264
Vehicles Exited	28	7	1016	2134	3185
Hourly Exit Rate	28	7	1016	2134	3185
Input Volume	68	6	1183	2651	3908
% of Volume	41	117	86	80	81

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.2	0.1	0.2	0.0	0.5
Denied Del/Veh (s)	2.7	0.6	0.8	0.0	0.5
Total Delay (hr)	3.4	4.9	10.9	17.8	37.1
Total Del/Veh (s)	52.2	37.8	39.6	29.6	34.6
Travel Time (hr)	4.3	9.1	12.9	22.6	49.0
Avg Speed (mph)	4	11	6	9	8
Vehicles Entered	230	457	986	2138	3811
Vehicles Exited	230	461	975	2140	3806
Hourly Exit Rate	230	461	975	2140	3806
Input Volume	229	458	1059	2683	4429
% of Volume	100	101	92	80	86

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by approach

Approach	EB	SB	All
Denied Delay (hr)	0.0	0.2	0.2
Denied Del/Veh (s)	0.1	0.4	0.4
Total Delay (hr)	0.0	5.0	5.0
Total Del/Veh (s)	2.6	7.8	7.8
Travel Time (hr)	0.0	14.4	14.4
Avg Speed (mph)	20	26	26
Vehicles Entered	4	2269	2273
Vehicles Exited	4	2268	2272
Hourly Exit Rate	4	2268	2272
Input Volume	3	2693	2696
% of Volume	133	84	84

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by approach

Approach	EB	WB	NB	All
Denied Delay (hr)	0.0	0.0	0.3	0.3
Denied Del/Veh (s)	0.0	0.2	1.1	0.7
Total Delay (hr)	4.0	1.1	16.0	21.1
Total Del/Veh (s)	28.7	21.7	62.9	47.6
Travel Time (hr)	4.9	1.8	29.6	36.3
Avg Speed (mph)	5	9	20	17
Vehicles Entered	494	176	898	1568
Vehicles Exited	493	174	864	1531
Hourly Exit Rate	493	174	864	1531
Input Volume	592	179	906	1677
% of Volume	83	97	95	91

11: Austin Run Blvd & Jeff Davis Hwy (Rt-1) Performance by approach

Approach	SB	NW	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1
Total Delay (hr)	1.4	0.1	1.5
Total Del/Veh (s)	3.4	22.8	3.6
Travel Time (hr)	6.8	0.1	6.9
Avg Speed (mph)	33	5	33
Vehicles Entered	1476	17	1493
Vehicles Exited	1474	17	1491
Hourly Exit Rate	1474	17	1491
Input Volume	1709	14	1723
% of Volume	86	121	87

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by approach

Approach	NB	SE	NW	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.1	0.2
Total Delay (hr)	1.1	0.4	0.0	1.5
Total Del/Veh (s)	5.5	8.8	3.9	6.0
Travel Time (hr)	2.4	0.7	0.1	3.2
Avg Speed (mph)	22	8	14	19
Vehicles Entered	746	151	27	924
Vehicles Exited	746	151	26	923
Hourly Exit Rate	746	151	26	923
Input Volume	736	163	26	925
% of Volume	101	93	100	100

23: Jeff Davis Hwy (Rt-1) & Carnaby St Performance by approach

Approach	EB	SB	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.0
Total Delay (hr)	0.4	0.5	0.8
Total Del/Veh (s)	13.3	1.2	1.9
Travel Time (hr)	0.7	5.2	5.9
Avg Speed (mph)	11	41	37
Vehicles Entered	96	1424	1520
Vehicles Exited	96	1426	1522
Hourly Exit Rate	96	1426	1522
Input Volume	95	1659	1754
% of Volume	101	86	87

24: Jeff Davis Hwy (Rt-1) Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	0.3	0.1	0.3
Denied Del/Veh (s)	1.0	0.1	0.4
Total Delay (hr)	11.4	2.7	14.1
Total Del/Veh (s)	40.4	4.2	15.4
Travel Time (hr)	15.7	7.1	22.8
Avg Speed (mph)	11	24	15
Vehicles Entered	1016	2263	3279
Vehicles Exited	990	2263	3253
Hourly Exit Rate	990	2263	3253
Input Volume	1062	2698	3760
% of Volume	93	84	87

25: Town Center Dr & Aquia Town Center Dr Performance by approach

Approach	EB	WB	NB	SB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.1	0.0	0.0
Total Delay (hr)	0.7	0.0	0.1	2.1	2.9
Total Del/Veh (s)	6.1	3.2	3.2	11.8	9.0
Travel Time (hr)	2.5	0.1	0.3	6.8	9.7
Avg Speed (mph)	15	21	21	16	16
Vehicles Entered	426	20	81	648	1175
Vehicles Exited	426	19	81	646	1172
Hourly Exit Rate	426	19	81	646	1172
Input Volume	523	25	78	654	1280
% of Volume	81	76	104	99	92



40: Washington Dr Performance by approach

Approach	EB	WB	NB	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0
Total Delay (hr)	3.0	10.9	0.9	14.7
Total Del/Veh (s)	16.4	50.4	9.8	30.2
Travel Time (hr)	4.9	17.6	3.2	25.7
Avg Speed (mph)	12	12	17	13
Vehicles Entered	654	755	316	1725
Vehicles Exited	654	753	317	1724
Hourly Exit Rate	654	753	317	1724
Input Volume	846	753	387	1986
% of Volume	77	100	82	87

42: Jeff Davis Hwy (Rt-1) Performance by approach

Approach	NB	SB	All
Denied Delay (hr)	2.2	0.0	2.2
Denied Del/Veh (s)	7.5	0.0	2.4
Total Delay (hr)	59.5	2.8	62.3
Total Del/Veh (s)	193.2	4.5	66.4
Travel Time (hr)	66.4	10.8	77.2
Avg Speed (mph)	3	25	6
Vehicles Entered	1054	2261	3315
Vehicles Exited	1039	2263	3302
Hourly Exit Rate	1039	2263	3302
Input Volume	1263	2848	4111
% of Volume	82	79	80

93: Garrisonville Road Performance by approach

Approach	EB	WB	SW	All
Denied Delay (hr)	833.2	0.0	0.1	833.3
Denied Del/Veh (s)	761.5	0.0	0.5	470.9
Total Delay (hr)	319.8	1.0	0.6	321.4
Total Del/Veh (s)	379.7	2.0	3.6	211.5
Travel Time (hr)	1185.8	6.6	2.6	1195.0
Avg Speed (mph)	3	19	19	4
Vehicles Entered	2665	1876	556	5097
Vehicles Exited	2673	1877	557	5107
Hourly Exit Rate	2673	1877	557	5107
Input Volume	3549	2315	555	6419
% of Volume	75	81	100	80

Total Network Performance

Denied Delay (hr)	1664.2
Denied Del/Veh (s)	502.0
Total Delay (hr)	1149.2
Total Del/Veh (s)	380.4
Travel Time (hr)	3172.2
Avg Speed (mph)	9
Vehicles Entered	9443
Vehicles Exited	9223
Hourly Exit Rate	9223
Input Volume	85894
% of Volume	11

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	74	83	137	46	160	70	88	12	249	502	503	270
Average Queue (ft)	23	32	53	7	56	12	24	0	41	470	474	87
95th Queue (ft)	60	64	111	30	124	43	65	7	176	501	497	290
Link Distance (ft)	519		363			862	862			445	445	
Upstream Blk Time (%)										37	50	
Queuing Penalty (veh)										0	0	
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)			56	1	0				0	30	43	0
Queuing Penalty (veh)			3	1	2				1	7	20	5

Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S

Movement	SE	NW	NE	SW	SW	SW	B20	B20	B20
Directions Served	R	LTR	R	L	T	TR	T	T	
Maximum Queue (ft)	16	538	11	199	1556	1560	904	916	292
Average Queue (ft)	1	519	0	57	1503	1523	768	793	8
95th Queue (ft)	10	537	5	178	1677	1608	1066	1070	136
Link Distance (ft)	112	518	1091		1441	1441	862	862	862
Upstream Blk Time (%)		100			45	64	2	4	0
Queuing Penalty (veh)		0			615	874	21	35	0
Storage Bay Dist (ft)				200					
Storage Blk Time (%)				0	28				
Queuing Penalty (veh)				1	17				

Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp

Movement	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	T	T	T	U	T	T	TR
Maximum Queue (ft)	454	37	54	14	149	1126	1139	1134
Average Queue (ft)	264	5	5	0	46	1074	1098	1107
95th Queue (ft)	399	23	28	7	144	1197	1131	1126
Link Distance (ft)	839	839	839	839		1091	1091	1091
Upstream Blk Time (%)						10	8	18
Queuing Penalty (veh)						92	72	164
Storage Bay Dist (ft)					150			
Storage Blk Time (%)					0	70		
Queuing Penalty (veh)					1	19		

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	NB	NB	NB	NB	NB	NB	SB	SB
Directions Served	L	LT	T	R	L	L	T	T	T	R	T	T
Maximum Queue (ft)	376	404	413	68	546	550	1039	1048	1081	138	872	881
Average Queue (ft)	253	383	383	3	540	548	1022	963	855	38	848	852
95th Queue (ft)	394	389	395	36	547	554	1114	1285	1474	98	864	870
Link Distance (ft)	143	143	143	143			1016	1016	1016		839	839
Upstream Blk Time (%)	58	84	75	0			20	7	10		25	26
Queuing Penalty (veh)	408	589	526	0			122	43	61		233	240
Storage Bay Dist (ft)					550	550					300	
Storage Blk Time (%)					4	33	28					
Queuing Penalty (veh)					8	77	275					

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	SB	SB
Directions Served	R	R
Maximum Queue (ft)	897	481
Average Queue (ft)	687	110
95th Queue (ft)	1220	273
Link Distance (ft)	839	
Upstream Blk Time (%)	7	
Queuing Penalty (veh)	61	
Storage Bay Dist (ft)		575
Storage Blk Time (%)	0	0
Queuing Penalty (veh)	2	0

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	L	TR	L	L	R	T	T	R	L	L	T
Maximum Queue (ft)	235	188	220	217	264	279	579	581	554	228	250	1056
Average Queue (ft)	130	79	111	105	120	30	564	526	133	133	120	291
95th Queue (ft)	211	159	197	175	202	150	576	685	498	203	209	815
Link Distance (ft)	865	865	865		394	394	554	554				1016
Upstream Blk Time (%)					0	0	62	31	0			0
Queuing Penalty (veh)					0	0	388	192	0			2
Storage Bay Dist (ft)				250					565	290	290	
Storage Blk Time (%)				0	0			31	0		0	0
Queuing Penalty (veh)				0	0			36	2		0	1

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr

Movement	SB	SB
Directions Served	T	T
Maximum Queue (ft)	1090	996
Average Queue (ft)	462	189
95th Queue (ft)	1144	655
Link Distance (ft)	1016	1016
Upstream Blk Time (%)	1	0
Queuing Penalty (veh)	12	1
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LTR	UL	T	T	R	UL	T	T	R
Maximum Queue (ft)	260	57	68	300	1081	1096	130	207	630	655	289
Average Queue (ft)	99	16	21	171	853	851	11	31	300	302	62
95th Queue (ft)	192	44	53	399	1464	1475	76	129	572	574	236
Link Distance (ft)	490	490	399		1037	1037			963	963	
Upstream Blk Time (%)					45	46			0	0	
Queuing Penalty (veh)					270	274			0	1	
Storage Bay Dist (ft)				300			145	270			290
Storage Blk Time (%)				0	74	70	0	0	9	8	0
Queuing Penalty (veh)				3	43	3	0	0	4	11	2

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	WB	NB	NB	NB	B36	B36	B36
Directions Served	LTR	LTR	LT	T	R	T	T	
Maximum Queue (ft)	403	54	1147	1152	64	361	336	244
Average Queue (ft)	343	11	638	636	5	130	130	87
95th Queue (ft)	500	44	1554	1556	36	452	456	382
Link Distance (ft)	391	421	1219	1219		430	430	430
Upstream Blk Time (%)	71		31	31		7	10	4
Queuing Penalty (veh)	0		184	184		28	39	16
Storage Bay Dist (ft)					80			
Storage Blk Time (%)				59	0			
Queuing Penalty (veh)			2	0				

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB	SB
Directions Served	L	T	R	L	LT	R	UL	T	T	R	UL	L
Maximum Queue (ft)	138	218	110	226	258	44	249	345	344	169	226	260
Average Queue (ft)	56	47	88	116	151	4	110	205	204	55	125	185
95th Queue (ft)	117	154	125	204	231	47	237	391	389	233	210	294
Link Distance (ft)	345	345				1141	1141			335	335	
Upstream Blk Time (%)								14	15	0		
Queuing Penalty (veh)								74	78	0		
Storage Bay Dist (ft)			110	350			250			340	260	260
Storage Blk Time (%)		1	12				0	20	15	0	0	1
Queuing Penalty (veh)		2	2				1	14	9	1	0	7

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	SB	SB	SB	B36	B36
Directions Served	T	T	R	T	T
Maximum Queue (ft)	522	520	400	316	315
Average Queue (ft)	322	321	84	48	48
95th Queue (ft)	548	546	304	307	303
Link Distance (ft)	430	430		1219	1219
Upstream Blk Time (%)	6	5			
Queuing Penalty (veh)	76	73			
Storage Bay Dist (ft)			400		
Storage Blk Time (%)	12	6	0		
Queuing Penalty (veh)	40	10	2		

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	SB	SB	SB	SB
Directions Served	R	L	T	T	R
Maximum Queue (ft)	47	393	443	359	57
Average Queue (ft)	4	169	45	33	4
95th Queue (ft)	24	370	289	239	26
Link Distance (ft)	437		841	841	
Upstream Blk Time (%)			0	0	
Queuing Penalty (veh)			2	0	
Storage Bay Dist (ft)		400			270
Storage Blk Time (%)		2	1		
Queuing Penalty (veh)		14	6		

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB
Directions Served	LT	R	T	T	R
Maximum Queue (ft)	216	162	652	667	36
Average Queue (ft)	195	64	283	286	3
95th Queue (ft)	234	149	1043	1048	17
Link Distance (ft)	199	479	3531	3531	
Upstream Blk Time (%)	26				
Queuing Penalty (veh)	153				
Storage Bay Dist (ft)					685
Storage Blk Time (%)				6	
Queuing Penalty (veh)				0	

Intersection: 11: Austin Run Blvd & Jeff Davis Hwy (Rt-1)

Movement	SB	SB	SB	NW
Directions Served	L	T	T	L
Maximum Queue (ft)	65	72	89	48
Average Queue (ft)	23	24	43	14
95th Queue (ft)	55	59	78	41
Link Distance (ft)		769	769	138
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	270			
Storage Blk Time (%)				
Queuing Penalty (veh)				

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	NB	NB	NB	SE	NW
Directions Served	LT	T	R	LT	TR
Maximum Queue (ft)	123	82	27	91	36
Average Queue (ft)	51	24	6	40	10
95th Queue (ft)	92	56	23	75	31
Link Distance (ft)	360	360		138	264
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)		0			
Queuing Penalty (veh)		0			

Intersection: 23: Jeff Davis Hwy (Rt-1) & Carnaby St

Movement	EB
Directions Served	R
Maximum Queue (ft)	98
Average Queue (ft)	44
95th Queue (ft)	78
Link Distance (ft)	433
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	R	R
Maximum Queue (ft)	345	348	60	37
Average Queue (ft)	141	142	2	1
95th Queue (ft)	627	630	37	28
Link Distance (ft)	825	825	335	335
Upstream Blk Time (%)	3	5		
Queuing Penalty (veh)	18	25		
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 25: Town Center Dr & Aquia Town Center Dr

Movement	EB	EB	WB	NB	SB	SB
Directions Served	L	TR	LTR	LTR	UL	R
Maximum Queue (ft)	191	85	31	41	409	150
Average Queue (ft)	72	21	4	9	62	63
95th Queue (ft)	160	64	20	32	274	162
Link Distance (ft)	394	394	730	420	800	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)						150
Storage Blk Time (%)					4	5
Queuing Penalty (veh)					23	0

Intersection: 40: Washington Dr

Movement	EB	EB	WB	WB	NB
Directions Served	T	T	L	T	R
Maximum Queue (ft)	176	150	200	915	159
Average Queue (ft)	89	66	197	514	81
95th Queue (ft)	151	133	210	840	130
Link Distance (ft)	372	372		1453	800
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			200		
Storage Blk Time (%)			35	15	
Queuing Penalty (veh)			34	96	

Intersection: 41: Bend

Movement	EB
Directions Served	T
Maximum Queue (ft)	3
Average Queue (ft)	0
95th Queue (ft)	3
Link Distance (ft)	1453
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 42: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	T	T
Maximum Queue (ft)	1005	1026	243	389
Average Queue (ft)	947	943	9	17
95th Queue (ft)	1163	1198	119	173
Link Distance (ft)	963	963	554	554
Upstream Blk Time (%)	39	31	0	0
Queuing Penalty (veh)	241	197	0	1
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	2250	2258	2264	2265	2260	21	57	138
Average Queue (ft)	2219	2231	2233	2233	2232	1	2	45
95th Queue (ft)	2268	2244	2252	2249	2250	10	21	100
Link Distance (ft)	2213	2213	2213	2213	2213	143	143	456
Upstream Blk Time (%)	27	70	92	95	56			
Queuing Penalty (veh)	0	0	0	0	0			
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 7495



Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	3:15	3:15	3:15	3:15	3:15	3:15	3:15
End Time	5:15	5:15	5:15	5:15	5:15	5:15	5:15
Total Time (min)	120	120	120	120	120	120	120
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded Intervals	4	4	4	4	4	4	4
Vehs Entered	9163	9411	9434	9384	9536	9455	9677
Vehs Exited	9058	9206	9286	9212	9362	9295	9347
Starting Vehs	1426	1547	1372	1393	1379	1406	1407
Ending Vehs	1531	1752	1520	1565	1553	1566	1737
Travel Distance (mi)	13060	13094	13406	13208	13539	13381	13580
Travel Time (hr)	3126.8	3181.6	3026.2	3153.8	2904.1	3141.1	3251.3
Total Delay (hr)	2773.0	2826.2	2663.7	2797.8	2537.6	2779.1	2884.3
Total Stops	33322	33844	32042	33070	32313	33130	36560
Fuel Used (gal)	1060.0	1070.8	1048.8	1071.6	1027.7	1074.7	1100.3

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	3:15	3:15	3:15	3:15
End Time	5:15	5:15	5:15	5:15
Total Time (min)	120	120	120	120
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded Intervals	4	4	4	4
Vehs Entered	9470	9508	9418	9443
Vehs Exited	9108	9167	9181	9223
Starting Vehs	1647	1261	1486	1429
Ending Vehs	2009	1602	1723	1653
Travel Distance (mi)	12855	13230	13159	13251
Travel Time (hr)	3534.7	3226.1	3176.1	3172.2
Total Delay (hr)	3185.5	2868.0	2819.1	2813.4
Total Stops	36363	32923	33895	33747
Fuel Used (gal)	1143.7	1089.2	1071.8	1075.9

Interval #0 Information Seeding

Start Time	3:15
End Time	4:15
Total Time (min)	60
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	4:15						
End Time	4:30						
Total Time (min)	15						
Volumes adjusted by Growth Factors, Anti PHF.							
Run Number	1	10	2	3	4	5	6
Vehs Entered	2283	2302	2334	2281	2247	2359	2304
Vehs Exited	2301	2324	2378	2204	2314	2273	2226
Starting Vehs	1426	1547	1372	1393	1379	1406	1407
Ending Vehs	1408	1525	1328	1470	1312	1492	1485
Travel Distance (mi)	3275	3191	3430	3190	3293	3325	3252
Travel Time (hr)	607.2	610.7	575.4	611.4	568.8	601.7	636.7
Total Delay (hr)	518.4	524.0	482.9	525.7	479.8	511.6	548.8
Total Stops	7932	7790	8095	7765	7732	7997	8324
Fuel Used (gal)	226.0	223.9	225.0	224.6	219.0	226.8	232.9

Interval #1 Information Recording

Start Time	4:15			
End Time	4:30			
Total Time (min)	15			
Volumes adjusted by Growth Factors, Anti PHF.				
Run Number	7	8	9	Avg
Vehs Entered	2335	2437	2361	2323
Vehs Exited	2242	2315	2320	2286
Starting Vehs	1647	1261	1486	1429
Ending Vehs	1740	1383	1527	1460
Travel Distance (mi)	3145	3411	3343	3286
Travel Time (hr)	684.5	620.5	606.2	612.3
Total Delay (hr)	598.9	528.3	515.5	523.4
Total Stops	8818	7839	8573	8086
Fuel Used (gal)	239.3	232.9	227.9	227.8

Interval #2 Information Recording

Start Time	4:30
End Time	4:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2286	2248	2369	2347	2462	2277	2480
Vehs Exited	2173	2218	2323	2342	2415	2394	2337
Starting Vehs	1408	1525	1328	1470	1312	1492	1485
Ending Vehs	1521	1555	1374	1475	1359	1375	1628
Travel Distance (mi)	3174	3181	3276	3346	3460	3334	3467
Travel Time (hr)	727.6	730.0	684.2	736.0	661.1	722.0	751.8
Total Delay (hr)	641.3	643.5	595.4	645.6	567.6	631.9	658.3
Total Stops	8046	8298	7733	8665	7880	8270	9025
Fuel Used (gal)	249.9	250.1	244.5	258.3	244.9	254.0	262.9

Interval #2 Information Recording

Start Time	4:30
End Time	4:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	2280	2351	2359	2343
Vehs Exited	2273	2307	2300	2308
Starting Vehs	1740	1383	1527	1460
Ending Vehs	1747	1427	1586	1499
Travel Distance (mi)	3209	3340	3312	3310
Travel Time (hr)	824.1	740.2	726.6	730.4
Total Delay (hr)	737.4	650.2	636.9	640.8
Total Stops	9111	7949	8430	8341
Fuel Used (gal)	272.4	258.6	253.5	254.9

Interval #3 Information Recording

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2378	2436	2370	2293	2437	2384	2370
Vehs Exited	2384	2355	2224	2267	2300	2253	2271
Starting Vehs	1521	1555	1374	1475	1359	1375	1628
Ending Vehs	1515	1636	1520	1501	1496	1506	1727
Travel Distance (mi)	3421	3337	3258	3244	3414	3317	3345
Travel Time (hr)	843.8	852.2	815.6	843.9	778.0	848.8	874.4
Total Delay (hr)	751.3	761.8	727.0	756.8	685.1	759.3	784.4
Total Stops	8917	8544	7663	8089	8203	8206	9225
Fuel Used (gal)	283.6	282.1	272.5	278.5	269.6	282.4	286.8

Interval #3 Information Recording

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	2344	2230	2366	2359
Vehs Exited	2280	2265	2252	2281
Starting Vehs	1747	1427	1586	1499
Ending Vehs	1811	1392	1700	1573
Travel Distance (mi)	3242	3206	3160	3294
Travel Time (hr)	951.7	869.2	855.9	853.4
Total Delay (hr)	864.0	782.4	770.0	764.2
Total Stops	9371	8383	8104	8478
Fuel Used (gal)	301.7	283.9	277.6	281.9

Interval #4 Information Recording

Start Time	5:00
End Time	5:15
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	2216	2425	2361	2463	2390	2435	2523
Vehs Exited	2200	2309	2361	2399	2333	2375	2513
Starting Vehs	1515	1636	1520	1501	1496	1506	1727
Ending Vehs	1531	1752	1520	1565	1553	1566	1737
Travel Distance (mi)	3190	3384	3442	3429	3372	3405	3516
Travel Time (hr)	948.2	988.6	951.0	962.5	896.2	968.6	988.4
Total Delay (hr)	862.0	896.9	858.3	869.7	805.1	876.4	892.9
Total Stops	8427	9212	8551	8551	8498	8657	9986
Fuel Used (gal)	300.6	314.6	306.8	310.2	294.3	311.5	317.8

Interval #4 Information Recording

Start Time	5:00
End Time	5:15
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	2511	2490	2332	2414
Vehs Exited	2313	2280	2309	2338
Starting Vehs	1811	1392	1700	1573
Ending Vehs	2009	1602	1723	1653
Travel Distance (mi)	3259	3274	3344	3362
Travel Time (hr)	1074.4	996.1	987.3	976.1
Total Delay (hr)	985.3	907.0	896.7	885.0
Total Stops	9063	8752	8788	8845
Fuel Used (gal)	330.3	313.9	312.8	311.3

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement

Movement	EBL	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	606.6	10.4
Denied Del/Veh (s)	0.3	4.1	0.2	0.1	4.0	0.0	0.2	0.0	0.2	712.0	747.1	748.7
Total Delay (hr)	0.4	0.1	1.1	0.0	0.1	0.1	0.8	0.5	0.0	0.1	22.4	0.2
Total Del/Veh (s)	70.5	8.5	77.1	145.5	39.8	50.8	52.0	2.0	0.9	26.2	39.2	21.0
Travel Time (hr)	0.5	0.5	1.2	0.0	0.1	0.1	1.1	4.1	0.1	5.7	632.9	10.7
Avg Speed (mph)	4	14	3	2	5	9	9	39	33	8	7	9
Vehicles Entered	21	59	49	1	6	7	57	923	12	19	2029	34
Vehicles Exited	21	59	49	1	6	7	57	922	12	19	2027	34
Hourly Exit Rate	21	59	49	1	6	7	57	922	12	19	2027	34
Input Volume	22	59	46	1	6	9	72	1162	12	25	2633	46
% of Volume	95	100	107	100	100	78	79	79	100	76	77	74

1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr Performance by movement

Movement	All
Denied Delay (hr)	622.6
Denied Del/Veh (s)	542.0
Total Delay (hr)	25.9
Total Del/Veh (s)	28.7
Travel Time (hr)	657.1
Avg Speed (mph)	10
Vehicles Entered	3217
Vehicles Exited	3214
Hourly Exit Rate	3214
Input Volume	4093
% of Volume	79

2: Jeff Davis Hwy (Rt-1) & Coachman Circle S Performance by movement

Movement	SER	NWL	NWR	NET	NER	SWL	SWT	All
Denied Delay (hr)	0.0	109.6	64.3	0.0	0.0	0.0	1.9	175.8
Denied Del/Veh (s)	0.1	2449.9	2461.0	0.0	0.0	2.8	3.3	182.3
Total Delay (hr)	0.0	15.6	8.5	0.3	0.0	1.5	81.4	107.4
Total Del/Veh (s)	155.4	2078.0	2046.8	1.0	0.3	112.8	131.9	114.8
Travel Time (hr)	0.0	125.2	72.8	5.0	0.4	1.9	96.7	302.1
Avg Speed (mph)	0	0	0	42	36	7	6	7
Vehicles Entered	1	12	6	983	63	48	2120	3233
Vehicles Exited	1	11	7	981	63	47	2119	3229
Hourly Exit Rate	1	11	7	981	63	47	2119	3229
Input Volume	1	98	58	1188	74	62	2714	4195
% of Volume	100	11	12	83	85	76	78	77

3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp Performance by movement

Movement	NBL	NBT	SBU	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	2.1	0.1	2.2
Denied Del/Veh (s)	0.0	0.0	0.0	3.6	7.6	2.3
Total Delay (hr)	5.3	0.6	1.0	98.0	1.7	106.5
Total Del/Veh (s)	60.8	2.0	195.3	161.6	173.4	106.8
Travel Time (hr)	6.9	5.4	1.1	110.2	2.0	125.6
Avg Speed (mph)	8	35	3	4	4	6
Vehicles Entered	303	1029	17	2080	35	3464
Vehicles Exited	304	1030	17	2080	35	3466
Hourly Exit Rate	304	1030	17	2080	35	3466
Input Volume	366	1234	27	2741	43	4411
% of Volume	83	83	63	76	81	79

4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Delay (hr)	0.4	1.2	2.6	0.0	0.0	0.0	0.0	0.0	3.3	0.5	8.1
Denied Del/Veh (s)	2.7	8.4	9.3	0.0	0.0	0.0	0.0	0.2	10.6	1.7	4.8
Total Delay (hr)	20.7	18.5	1.8	0.0	0.0	48.8	4.2	0.6	51.2	4.9	150.7
Total Del/Veh (s)	123.1	124.4	6.3	1.0	0.4	187.7	23.2	15.7	156.0	17.9	88.1
Travel Time (hr)	22.8	20.9	7.7	0.0	0.3	54.0	7.4	1.4	58.7	10.6	183.7
Avg Speed (mph)	2	2	15	30	30	3	18	19	3	16	5
Vehicles Entered	588	520	1014	2	105	885	640	134	1113	979	5980
Vehicles Exited	593	518	1013	2	105	885	639	134	1112	981	5982
Hourly Exit Rate	593	518	1013	2	105	885	639	134	1112	981	5982
Input Volume	792	699	1329	2	99	997	713	148	1449	1308	7536
% of Volume	75	74	76	100	106	89	90	91	77	75	79

5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBT	NBR	SBL	SBT	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Total Delay (hr)	3.8	1.5	1.0	3.3	0.0	0.6	30.2	0.2	6.0	11.8	58.4
Total Del/Veh (s)	51.5	75.9	73.0	44.1	1.2	4.5	111.6	7.7	84.6	22.4	48.3
Travel Time (hr)	5.6	1.9	1.4	4.3	0.0	2.0	32.6	0.6	7.5	22.0	78.1
Avg Speed (mph)	8	6	6	5	20	16	3	19	7	18	9
Vehicles Entered	263	69	48	269	14	452	936	97	247	1888	4283
Vehicles Exited	264	69	49	269	14	452	933	97	246	1882	4275
Hourly Exit Rate	264	69	49	269	14	452	933	97	246	1882	4275
Input Volume	261	72	49	277	14	452	1137	117	320	2462	5161
% of Volume	101	96	100	97	100	100	82	83	77	76	83

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by movement

Movement	EBL	EBR	WBL	WBR	NBU	NBL	NBT	NBR	SBU	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	1.2	0.0	0.0	0.0	0.3	0.0
Denied Del/Veh (s)	0.2	0.1	0.1	0.1	0.0	10.9	4.4	0.0	0.0	0.0	0.5	0.0
Total Delay (hr)	2.4	0.3	0.1	0.3	0.1	2.8	62.4	0.3	0.0	0.3	11.7	0.4
Total Del/Veh (s)	86.1	38.2	77.3	48.2	213.3	221.8	222.3	164.2	43.4	26.0	19.7	12.0
Travel Time (hr)	3.0	0.5	0.1	0.4	0.1	3.2	68.2	0.3	0.0	0.5	21.2	0.9
Avg Speed (mph)	3	6	3	4	4	3	3	4	10	15	19	21
Vehicles Entered	98	26	4	24	2	44	968	5	1	36	2123	104
Vehicles Exited	98	26	4	23	2	41	927	5	1	36	2126	104
Hourly Exit Rate	98	26	4	23	2	41	927	5	1	36	2126	104
Input Volume	101	25	4	22	5	53	1131	5	1	44	2659	132
% of Volume	97	104	100	105	40	77	82	100	100	82	80	79

6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr Performance by movement

Movement	All
Denied Delay (hr)	1.6
Denied Del/Veh (s)	1.7
Total Delay (hr)	81.0
Total Del/Veh (s)	83.2
Travel Time (hr)	98.3
Avg Speed (mph)	7
Vehicles Entered	3435
Vehicles Exited	3393
Hourly Exit Rate	3393
Input Volume	4182
% of Volume	81

7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center Performance by movement

Movement	EBL	EBR	WBL	WBR	NBL	NBT	NBR	SBT	All
Denied Delay (hr)	3.2	12.9	0.0	0.0	0.0	0.6	0.0	0.0	16.7
Denied Del/Veh (s)	768.3	832.0	0.1	0.1	0.0	1.8	0.0	0.0	18.2
Total Delay (hr)	4.3	11.5	0.1	0.3	0.1	48.5	0.2	4.3	69.2
Total Del/Veh (s)	1393.9	1182.5	252.9	181.5	244.9	157.8	142.7	7.3	75.3
Travel Time (hr)	7.5	24.6	0.1	0.3	0.1	54.7	0.2	14.4	101.9
Avg Speed (mph)	0	0	1	1	3	5	5	31	8
Vehicles Entered	7	26	1	6	2	1084	4	2134	3264
Vehicles Exited	7	21	1	6	2	1010	4	2134	3185
Hourly Exit Rate	7	21	1	6	2	1010	4	2134	3185
Input Volume	13	55	1	5	3	1177	3	2651	3908
% of Volume	54	38	100	120	67	86	133	80	81

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBU	SBL
Denied Delay (hr)	0.0	0.0	0.2	0.1	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.5	3.8	0.9	0.4	0.2	0.0	1.6	0.8	0.0	0.0	0.0
Total Delay (hr)	1.2	0.3	2.0	4.4	0.4	0.1	0.4	1.5	8.9	0.1	0.0	6.5
Total Del/Veh (s)	78.1	56.9	43.2	67.0	71.5	2.3	101.3	99.4	37.0	5.2	54.3	84.5
Travel Time (hr)	1.3	0.3	2.7	6.5	0.6	2.0	0.4	1.7	10.5	0.3	0.0	7.3
Avg Speed (mph)	3	3	4	8	7	22	2	2	6	17	5	3
Vehicles Entered	53	17	160	227	20	210	13	52	863	58	2	265
Vehicles Exited	54	18	158	230	21	210	13	53	851	58	2	266
Hourly Exit Rate	54	18	158	230	21	210	13	53	851	58	2	266
Input Volume	57	17	155	230	23	205	15	58	924	62	5	337
% of Volume	95	106	102	100	91	102	87	91	92	94	40	79

8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr Performance by movement

Movement	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.5
Denied Del/Veh (s)	0.0	0.0	0.5
Total Delay (hr)	11.1	0.2	37.1
Total Del/Veh (s)	22.7	6.0	34.6
Travel Time (hr)	14.7	0.7	49.0
Avg Speed (mph)	11	18	8
Vehicles Entered	1741	130	3811
Vehicles Exited	1742	130	3806
Hourly Exit Rate	1742	130	3806
Input Volume	2181	160	4429
% of Volume	80	81	86

9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd Performance by movement

Movement	EBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.1	0.1	0.0	0.2
Denied Del/Veh (s)	0.1	0.7	0.3	0.3	0.4
Total Delay (hr)	0.0	2.8	1.7	0.5	5.0
Total Del/Veh (s)	2.6	20.2	4.3	4.7	7.8
Travel Time (hr)	0.0	5.2	6.9	2.2	14.4
Avg Speed (mph)	20	16	33	26	26
Vehicles Entered	4	494	1428	347	2273
Vehicles Exited	4	494	1427	347	2272
Hourly Exit Rate	4	494	1427	347	2272
Input Volume	3	592	1692	409	2696
% of Volume	133	83	84	85	84

10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd Performance by movement

Movement	EBL	EBT	WBR	NBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.3	0.0	0.3
Denied Del/Veh (s)	0.0	0.0	0.2	1.2	0.0	0.7
Total Delay (hr)	0.0	3.9	1.1	16.0	0.0	21.1
Total Del/Veh (s)	27.9	28.7	21.7	63.2	16.4	47.6
Travel Time (hr)	0.0	4.9	1.8	29.5	0.1	36.3
Avg Speed (mph)	4	5	9	20	32	17
Vehicles Entered	4	490	176	892	6	1568
Vehicles Exited	4	489	174	858	6	1531
Hourly Exit Rate	4	489	174	858	6	1531
Input Volume	4	588	179	900	6	1677
% of Volume	100	83	97	95	100	91

11: Austin Run Blvd & Jeff Davis Hwy (Rt-1) Performance by movement

Movement	SBL	SBT	NWL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.6	0.0	0.0	0.1
Total Delay (hr)	0.2	1.2	0.1	1.5
Total Del/Veh (s)	3.9	3.3	22.8	3.6
Travel Time (hr)	0.9	5.8	0.1	6.9
Avg Speed (mph)	24	35	5	33
Vehicles Entered	150	1326	17	1493
Vehicles Exited	150	1324	17	1491
Hourly Exit Rate	150	1324	17	1491
Input Volume	163	1546	14	1723
% of Volume	92	86	121	87

12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd Performance by movement

Movement	NBL	NBT	NBR	SEL	SET	NWT	NWR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.4	0.2	2.9	0.0	0.0	0.1	0.1	0.2
Total Delay (hr)	0.0	1.1	0.0	0.3	0.1	0.0	0.0	1.5
Total Del/Veh (s)	4.9	5.6	1.8	8.8	8.9	9.6	2.7	6.0
Travel Time (hr)	0.1	2.3	0.1	0.6	0.1	0.0	0.1	3.2
Avg Speed (mph)	18	22	21	8	8	11	15	19
Vehicles Entered	13	718	15	127	24	4	23	924
Vehicles Exited	13	718	15	127	24	4	22	923
Hourly Exit Rate	13	718	15	127	24	4	22	923
Input Volume	10	712	14	137	26	4	22	925
% of Volume	130	101	107	93	92	100	100	100



23: Jeff Davis Hwy (Rt-1) & Carnaby St Performance by movement

Movement	EBR	SBT	All
Denied Delay (hr)	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.0
Total Delay (hr)	0.4	0.5	0.8
Total Del/Veh (s)	13.2	1.2	1.9
Travel Time (hr)	0.7	5.2	5.9
Avg Speed (mph)	11	41	37
Vehicles Entered	96	1424	1520
Vehicles Exited	96	1426	1522
Hourly Exit Rate	96	1426	1522
Input Volume	95	1659	1754
% of Volume	101	86	87

24: Jeff Davis Hwy (Rt-1) Performance by movement

Movement	NBT	SBT	SBR	All
Denied Delay (hr)	0.3	0.0	0.1	0.3
Denied Del/Veh (s)	1.0	0.0	0.1	0.4
Total Delay (hr)	11.4	0.1	2.6	14.1
Total Del/Veh (s)	40.4	3.2	4.3	15.4
Travel Time (hr)	15.7	0.3	6.9	22.8
Avg Speed (mph)	11	21	24	15
Vehicles Entered	1016	110	2153	3279
Vehicles Exited	990	111	2152	3253
Hourly Exit Rate	990	111	2152	3253
Input Volume	1062	120	2578	3760
% of Volume	93	92	83	87

25: Town Center Dr & Aquia Town Center Dr Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBL	NBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.0	0.0
Total Delay (hr)	0.6	0.0	0.1	0.0	0.0	0.1	0.0	2.1	2.9
Total Del/Veh (s)	7.1	2.9	4.2	2.8	3.0	3.0	3.8	11.8	9.0
Travel Time (hr)	1.8	0.1	0.6	0.1	0.1	0.3	0.1	6.8	9.7
Avg Speed (mph)	14	17	16	22	21	21	21	16	16
Vehicles Entered	289	23	114	9	11	66	15	648	1175
Vehicles Exited	290	23	113	8	11	66	15	646	1172
Hourly Exit Rate	290	23	113	8	11	66	15	646	1172
Input Volume	359	24	140	10	15	65	13	654	1280
% of Volume	81	96	81	80	73	102	115	99	92

40: Washington Dr Performance by movement

Movement	EBT	WBL	WBT	NBT	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	3.0	10.0	0.9	0.0	0.9	14.7
Total Del/Veh (s)	16.4	53.8	29.0	0.8	10.8	30.2
Travel Time (hr)	4.9	15.8	1.8	0.1	3.1	25.7
Avg Speed (mph)	12	12	17	23	17	13
Vehicles Entered	654	650	105	32	284	1725
Vehicles Exited	654	648	105	32	285	1724
Hourly Exit Rate	654	648	105	32	285	1724
Input Volume	846	654	99	37	350	1986
% of Volume	77	99	106	86	81	87

42: Jeff Davis Hwy (Rt-1) Performance by movement

Movement	NBT	SBT	All
Denied Delay (hr)	2.2	0.0	2.2
Denied Del/Veh (s)	7.5	0.0	2.4
Total Delay (hr)	59.5	2.8	62.3
Total Del/Veh (s)	193.0	4.5	66.4
Travel Time (hr)	66.4	10.8	77.2
Avg Speed (mph)	3	25	6
Vehicles Entered	1054	2261	3315
Vehicles Exited	1039	2263	3302
Hourly Exit Rate	1039	2263	3302
Input Volume	1263	2848	4111
% of Volume	82	79	80

93: Garrisonville Road Performance by movement

Movement	EBT	EBR	WBT	SWR	All
Denied Delay (hr)	657.5	175.7	0.0	0.1	833.3
Denied Del/Veh (s)	762.6	757.6	0.0	0.5	470.9
Total Delay (hr)	289.6	30.2	1.0	0.6	321.4
Total Del/Veh (s)	429.7	179.4	2.0	3.6	211.5
Travel Time (hr)	972.4	213.4	6.6	2.6	1195.0
Avg Speed (mph)	3	6	19	19	4
Vehicles Entered	2103	562	1876	556	5097
Vehicles Exited	2103	570	1877	557	5107
Hourly Exit Rate	2103	570	1877	557	5107
Input Volume	2801	748	2315	555	6419
% of Volume	75	76	81	100	80

**Total Network Performance**

Denied Delay (hr)	1664.2
Denied Del/Veh (s)	502.0
Total Delay (hr)	1149.2
Total Del/Veh (s)	380.4
Travel Time (hr)	3172.2
Avg Speed (mph)	9
Vehicles Entered	9443
Vehicles Exited	9223
Hourly Exit Rate	9223
Input Volume	85894
% of Volume	11

**Intersection: 1: Jeff Davis Hwy (Rt-1) & Port Aquia Dr**

Movement	EB	EB	WB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LT	R	UL	T	T	R	L	T	T	R
Maximum Queue (ft)	74	83	137	46	160	70	88	12	249	502	503	270
Average Queue (ft)	23	32	53	7	56	12	24	0	41	470	474	87
95th Queue (ft)	60	64	111	30	124	43	65	7	176	501	497	290
Link Distance (ft)	519		363			862	862			445	445	
Upstream Blk Time (%)										37	50	
Queuing Penalty (veh)										0	0	
Storage Bay Dist (ft)		150		20	200			280	250			270
Storage Blk Time (%)			56	1	0				0	30	43	0
Queuing Penalty (veh)			3	1	2				1	7	20	5

**Intersection: 2: Jeff Davis Hwy (Rt-1) & Coachman Circle S**

Movement	SE	NW	NE	SW	SW	SW	B20	B20	B20
Directions Served	R	LTR	R	L	T	TR	T	T	
Maximum Queue (ft)	16	538	11	199	1556	1560	904	916	292
Average Queue (ft)	1	519	0	57	1503	1523	768	793	8
95th Queue (ft)	10	537	5	178	1677	1608	1066	1070	136
Link Distance (ft)	112	518	1091		1441	1441	862	862	862
Upstream Blk Time (%)		100			45	64	2	4	0
Queuing Penalty (veh)		0			615	874	21	35	0
Storage Bay Dist (ft)				200					
Storage Blk Time (%)				0	28				
Queuing Penalty (veh)				1	17				

**Intersection: 3: Jeff Davis Hwy (Rt-1) & I-95 On Ramp**

Movement	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	L	T	T	T	U	T	T	TR
Maximum Queue (ft)	454	37	54	14	149	1126	1139	1134
Average Queue (ft)	264	5	5	0	46	1074	1098	1107
95th Queue (ft)	399	23	28	7	144	1197	1131	1126
Link Distance (ft)	839	839	839	839		1091	1091	1091
Upstream Blk Time (%)						10	8	18
Queuing Penalty (veh)						92	72	164
Storage Bay Dist (ft)					150			
Storage Blk Time (%)					0	70		
Queuing Penalty (veh)					1	19		

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	EB	EB	EB	EB	NB	NB	NB	NB	NB	NB	NB	SB	SB
Directions Served	L	LT	T	R	L	L	T	T	T	R	T	T	T
Maximum Queue (ft)	376	404	413	68	546	550	1039	1048	1081	138	872	881	881
Average Queue (ft)	253	383	383	3	540	548	1022	963	855	38	848	852	852
95th Queue (ft)	394	389	395	36	547	554	1114	1285	1474	98	864	870	870
Link Distance (ft)	143	143	143	143			1016	1016	1016			839	839
Upstream Blk Time (%)	58	84	75	0			20	7	10			25	26
Queuing Penalty (veh)	408	589	526	0			122	43	61			233	240
Storage Bay Dist (ft)					550	550					300		
Storage Blk Time (%)					4	33	28						
Queuing Penalty (veh)					8	77	275						

Intersection: 4: Jeff Davis Hwy (Rt-1) & Garrisonville Road/Washington Dr

Movement	SB	SB
Directions Served	R	R
Maximum Queue (ft)	897	481
Average Queue (ft)	687	110
95th Queue (ft)	1220	273
Link Distance (ft)	839	
Upstream Blk Time (%)	7	
Queuing Penalty (veh)	61	
Storage Bay Dist (ft)		575
Storage Blk Time (%)	0	0
Queuing Penalty (veh)	2	0

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	L	TR	L	L	R	T	T	R	L	L	T
Maximum Queue (ft)	235	188	220	217	264	279	579	581	554	228	250	1056
Average Queue (ft)	130	79	111	105	120	30	564	526	133	133	120	291
95th Queue (ft)	211	159	197	175	202	150	576	685	498	203	209	815
Link Distance (ft)	865	865	865		394	394	554	554				1016
Upstream Blk Time (%)					0	0	62	31	0			0
Queuing Penalty (veh)					0	0	388	192	0			2
Storage Bay Dist (ft)				250					565	290	290	
Storage Blk Time (%)				0	0			31	0			0
Queuing Penalty (veh)				0	0			36	2			0

Intersection: 5: Jeff Davis Hwy (Rt-1) & I-95 Off Ramp/Town Center Dr

Movement	SB	SB
Directions Served	T	T
Maximum Queue (ft)	1090	996
Average Queue (ft)	462	189
95th Queue (ft)	1144	655
Link Distance (ft)	1016	1016
Upstream Blk Time (%)	1	0
Queuing Penalty (veh)	12	1
Storage Bay Dist (ft)		
Storage Blk Time (%)		
Queuing Penalty (veh)		

Intersection: 6: Jeff Davis Hwy (Rt-1) & Aquia Park Dr

Movement	EB	EB	WB	NB	NB	NB	NB	SB	SB	SB	SB
Directions Served	LT	R	LTR	UL	T	T	R	UL	T	T	R
Maximum Queue (ft)	260	57	68	300	1081	1096	130	207	630	655	289
Average Queue (ft)	99	16	21	171	853	851	11	31	300	302	62
95th Queue (ft)	192	44	53	399	1464	1475	76	129	572	574	236
Link Distance (ft)	490	490	399		1037	1037			963	963	
Upstream Blk Time (%)					45	46			0	0	
Queuing Penalty (veh)					270	274			0	1	
Storage Bay Dist (ft)				300			145	270			290
Storage Blk Time (%)				0	74	70	0	0	9	8	0
Queuing Penalty (veh)				3	43	3	0	0	4	11	2

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 7: Jeff Davis Hwy (Rt-1) & Aquia Comm Center

Movement	EB	WB	NB	NB	NB	B36	B36	B36
Directions Served	LTR	LTR	LT	T	R	T	T	
Maximum Queue (ft)	403	54	1147	1152	64	361	336	244
Average Queue (ft)	343	11	638	636	5	130	130	87
95th Queue (ft)	500	44	1554	1556	36	452	456	382
Link Distance (ft)	391	421	1219	1219		430	430	430
Upstream Blk Time (%)	71		31	31		7	10	4
Queuing Penalty (veh)	0		184	184		28	39	16
Storage Bay Dist (ft)					80			
Storage Blk Time (%)				59	0			
Queuing Penalty (veh)			2	0				

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	NB	SB	SB
Directions Served	L	T	R	L	LT	R	UL	T	T	R	UL	L
Maximum Queue (ft)	138	218	110	226	258	44	249	345	344	169	226	260
Average Queue (ft)	56	47	88	116	151	4	110	205	204	55	125	185
95th Queue (ft)	117	154	125	204	231	47	237	391	389	233	210	294
Link Distance (ft)	345	345			1141	1141		335	335			
Upstream Blk Time (%)								14	15	0		
Queuing Penalty (veh)								74	78	0		
Storage Bay Dist (ft)			110	350			250			340	260	260
Storage Blk Time (%)		1	12				0	20	15	0	0	1
Queuing Penalty (veh)		2	2				1	14	9	1	0	7

Intersection: 8: Jeff Davis Hwy (Rt-1) & Austin Park Dr/Foreston Woods Dr

Movement	SB	SB	SB	B36	B36
Directions Served	T	T	R	T	T
Maximum Queue (ft)	522	520	400	316	315
Average Queue (ft)	322	321	84	48	48
95th Queue (ft)	548	546	304	307	303
Link Distance (ft)	430	430		1219	1219
Upstream Blk Time (%)	6	5			
Queuing Penalty (veh)	76	73			
Storage Bay Dist (ft)			400		
Storage Blk Time (%)	12	6	0		
Queuing Penalty (veh)	40	10	2		

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 9: Jeff Davis Hwy (Rt-1) & Bells Hill Rd

Movement	EB	SB	SB	SB	SB
Directions Served	R	L	T	T	R
Maximum Queue (ft)	47	393	443	359	57
Average Queue (ft)	4	169	45	33	4
95th Queue (ft)	24	370	289	239	26
Link Distance (ft)	437		841	841	
Upstream Blk Time (%)			0	0	
Queuing Penalty (veh)			2	0	
Storage Bay Dist (ft)		400			270
Storage Blk Time (%)		2	1		
Queuing Penalty (veh)		14	6		

Intersection: 10: Jeff Davis Hwy (Rt-1) & Coal Landing Rd

Movement	EB	WB	NB	NB	NB
Directions Served	LT	R	T	T	R
Maximum Queue (ft)	216	162	652	667	36
Average Queue (ft)	195	64	283	286	3
95th Queue (ft)	234	149	1043	1048	17
Link Distance (ft)	199	479	3531	3531	
Upstream Blk Time (%)	26				
Queuing Penalty (veh)	153				
Storage Bay Dist (ft)					685
Storage Blk Time (%)				6	
Queuing Penalty (veh)				0	

Intersection: 11: Austin Run Blvd & Jeff Davis Hwy (Rt-1)

Movement	SB	SB	SB	NW
Directions Served	L	T	T	L
Maximum Queue (ft)	65	72	89	48
Average Queue (ft)	23	24	43	14
95th Queue (ft)	55	59	78	41
Link Distance (ft)		769	769	138
Upstream Blk Time (%)				
Queuing Penalty (veh)				
Storage Bay Dist (ft)	270			
Storage Blk Time (%)				
Queuing Penalty (veh)				

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 12: Jeff Davis Hwy (Rt-1) & Austin Run Blvd

Movement	NB	NB	NB	SE	NW
Directions Served	LT	T	R	LT	TR
Maximum Queue (ft)	123	82	27	91	36
Average Queue (ft)	51	24	6	40	10
95th Queue (ft)	92	56	23	75	31
Link Distance (ft)	360	360		138	264
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			100		
Storage Blk Time (%)		0			
Queuing Penalty (veh)		0			

Intersection: 23: Jeff Davis Hwy (Rt-1) & Carnaby St

Movement	EB
Directions Served	R
Maximum Queue (ft)	98
Average Queue (ft)	44
95th Queue (ft)	78
Link Distance (ft)	433
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 24: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	R	R
Maximum Queue (ft)	345	348	60	37
Average Queue (ft)	141	142	2	1
95th Queue (ft)	627	630	37	28
Link Distance (ft)	825	825	335	335
Upstream Blk Time (%)	3	5		
Queuing Penalty (veh)	18	25		
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Queuing and Blocking Report

Future 2035 Build  
PM Peak

Intersection: 25: Town Center Dr & Aquia Town Center Dr

Movement	EB	EB	WB	NB	SB	SB
Directions Served	L	TR	LTR	LTR	UL	R
Maximum Queue (ft)	191	85	31	41	409	150
Average Queue (ft)	72	21	4	9	62	63
95th Queue (ft)	160	64	20	32	274	162
Link Distance (ft)	394	394	730	420	800	
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)						150
Storage Blk Time (%)					4	5
Queuing Penalty (veh)					23	0

Intersection: 40: Washington Dr

Movement	EB	EB	WB	WB	NB
Directions Served	T	T	L	T	R
Maximum Queue (ft)	176	150	200	915	159
Average Queue (ft)	89	66	197	514	81
95th Queue (ft)	151	133	210	840	130
Link Distance (ft)	372	372		1453	800
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)			200		
Storage Blk Time (%)			35	15	
Queuing Penalty (veh)			34	96	

Intersection: 41: Bend

Movement	EB
Directions Served	T
Maximum Queue (ft)	3
Average Queue (ft)	0
95th Queue (ft)	3
Link Distance (ft)	1453
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	



Intersection: 42: Jeff Davis Hwy (Rt-1)

Movement	NB	NB	SB	SB
Directions Served	T	T	T	T
Maximum Queue (ft)	1005	1026	243	389
Average Queue (ft)	947	943	9	17
95th Queue (ft)	1163	1198	119	173
Link Distance (ft)	963	963	554	554
Upstream Blk Time (%)	39	31	0	0
Queuing Penalty (veh)	241	197	0	1
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 93: Garrisonville Road

Movement	EB	EB	EB	EB	EB	WB	WB	SW
Directions Served	T	T	T	T	R	T	T	R
Maximum Queue (ft)	2250	2258	2264	2265	2260	21	57	138
Average Queue (ft)	2219	2231	2233	2233	2232	1	2	45
95th Queue (ft)	2268	2244	2252	2249	2250	10	21	100
Link Distance (ft)	2213	2213	2213	2213	2213	143	143	456
Upstream Blk Time (%)	27	70	92	95	56			
Queuing Penalty (veh)	0	0	0	0	0			
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 7495
------------------------------------

## APPENDIX D-2: COUNTERMEASURES AND CRASH REDUCTION FACTORS

Table 3: STARS Route 1 Corridor - Crash Reduction Factors

Countermeasure	Crash Reduction Factor (FHWA or Clearinghouse)	CMF Clearinghouse or FHWA Desktop Reference Countermeasure(s) Used	Crash Type and Severity of Crashes Applicable	Notes/Quality
Route 1 at I-95 On-Ramp				
1. Change the NB left-turn phasing from PM+PT (flashing yellow) to protected only.	1	"Replace permissive with protected"; CMFID: 2324	"Angle" Crash Type, "All" Crash Severity	3 Stars
2. Install a SB U-Turn Lane and additional pavement at I-95 On-Ramp Intersection.	N/A	-	-	No countermeasure exists for the improvement.
3. Extend NB left-turn lane by 500 feet.	N/A	-	-	No countermeasure exists for the improvement.
4. Install additional NB lane from intersection to trap at Coachman Circle (South).	0.24	"Install Additional Lane" / CMF ID: 8334	"All" Crash Type, "K, A, B, C" Crash Severity	3 stars
5. Optimize signal timings.	0.08	"Improve signal timing"	"All" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual
6. Install directional median at Hampton Inn intersection for SB left-turn and install raised median to prevent EB and WB left-turns.	0.07	"Convert Open-Median to Directional Median"; CMFID: 5457	"All" Crash Type, "All" Crash Severity	3 Stars
7. Install directiona median at Extra Space Storage intersection for SB left-turn and install raised median to prevent EB left-turns.	0.07	"Convert Open-Median to Directional Median"; CMFID: 5457	"All" Crash Type, "All" Crash Severity	3 Stars
8. Install raised median from I-95 NB On-Ramp Intersection to Coachman Circle (South)	0.39	"Install Raised Median"; CMFID: 3034	"All" Crash Type, "All" Crash Severity	4 Stars
Route 1 at Garrisonville Road/Washington Drive & Route 1 at Town Center Drive/I-95 Off-Ramp				
1. Change EB right-turn lane to free flow condition (Garrisonville/Washington).	N/A	-	-	No countermeasure exists for the improvement.
2. Install additional southbound thru-lane lane along Route 1 and end it approximately 500' south of Town Center Drive (Garrisonville/Washington).	0.24	"Install Additional Lane" / CMF ID: 8334	"All" Crash Type, "K, A, B, C" Crash Severity	3 stars
3. Install raised median from Washington/Garrisonville to Town Center/I-95 Off-Ramp	0.39	"Install Raised Median"; CMFID: 3034	"All" Crash Type, "All" Crash Severity	4 Stars
4. Change the NB outside lane from right only to through (Garrisonville/Washington).	N/A	-	-	No countermeasure exists for the improvement.
5. Install additional NB lane from intersection to trap at Coachman Circle (South) (Garrisonville/Washington).	0.24	"Install Additional Lane" / CMF ID: 8334	"All" Crash Type, "K, A, B, C" Crash Severity	3 stars
6. Install raised median from I-95 NB On-Ramp to Washington/Garrisonville	0.39	"Install Raised Median"; CMFID: 3034	"All" Crash Type, "All" Crash Severity	4 Stars
7. Install new right-turn storage lane along NB approach (Garrisonville/Washington).	N/A	-	-	Right-turn lane exists with current configuration.
8. Prohibit SB left-turns and relocate movement to Town Center Drive (Garrisonville/Washington).	0.64	"Prohibit left-turns with No Left Turn Sign"; CMFID 390	"Left-turn" Crashes, "All" Crash Severity	4 Stars - Additional expected safety benefit will be evaluated based on vehicles diverted from the intersection. Crashes are expected to increase as a result of diverted vehicles to adjacent intersections.
9. Restrict WB left-turn movements and relocate to WB approach of Town Center Drive (Garrisonville/Washington).	0.64	"Prohibit left-turns with No Left Turn Sign"; CMFID 390	"Left-turn" Crashes, "All" Crash Severity	4 Stars - Additional expected safety benefit will be evaluated based on vehicles diverted from the intersection. Crashes are expected to increase as a result of diverted vehicles to adjacent intersections.
10. Restrict WB thru movements and divert to to WB approach of Town Center Drive (Garrisonville/Washington).	N/A	-	-	Expected safety benefit will be evaluated based on vehicles diverted from the intersection. Crashes are expected to increase as a result of diverted vehicles to adjacent intersections.
11. Optimize signal timings (Garrisonville/Washington).	0.08	"Improve signal timing"	"All" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual
12. Change the Town Center Drive EB/WB signal phasing from protected only to split signal timings.	N/A	-	-	No countermeasure exists for the improvement.

Table 3: STARS Route 1 Corridor - Crash Reduction Factors

Preferred Alternatives	Countermeasure	Crash Reduction Factor (FHWA or Clearinghouse)	CMF Clearinghouse or FHWA Desktop Reference Countermeasure(s) Used	Crash Type and Severity of Crashes Applicable	Notes/Quality
	13. Revise the EB lane configuration to 2-LT, 1-Thru+RT (Town Center/I-95 Off-Ramp).	N/A	-	-	No countermeasure exists for the improvement.
	14. Revise the WB lane configuration to 2-LT and 1 RT. Change the WB RT to free flow movement (Town Center/I-95 Off-Ramp).	N/A	-	-	No countermeasure exists for the improvement.
	15. Optimize signal timings (Town Center/I-95 Off-Ramp).	0.08	"Improve signal timing"	"All" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual
	16. Construct a single lane roundabout at the intersection of Town Center Drive and Aquia Town Center Drive.	N/A	-	-	Crashes are expected to increase as a result of the diversion of volume through the Aquia Town Center Drive roundabout. Safety benefits could not be evaluated because turning movement counts are required, but not available, for this analysis.
	17. Install directional median south of the intersection at the unsignalized entrance to the Town Center (KFC/EI Gran Charro).	0.07	"Convert Open-Median to Directional Median"; CMFID: 5457	"All" Crash Type, "All" Crash Severity	3 Stars
	18. Install raised median from Town Center Drive to Aquia Park Shopping Center.	0.39	"Install Raised Median"; CMFID: 3034	"All" Crash Type, "All" Crash Severity	4 Stars
	19. Install new signal at existing intersection of Washington Drive and Aquia Towne Center Drive	N/A	-	-	Crashes are expected to increase as a result of the diversion of volume to this intersection. Due to the location of the intersection (outside of the corridor study area) safety benefits could not be evaluated because turning movement counts are required, but not available, for this analysis. Additionally, existing crash data is insufficient or not available for the safety analysis.
	20. Install pedestrian crosswalks along WB approach at Town Center Drive.	0.25	"Install Pedestrian Crossing"	"Ped" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual
	21. Install pedestrian signals along WB approach at Town Center Drive.	0.53	"Install Pedestrian Signal"	"Ped" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual
22. Install pedestrian crosswalks along WB approach at Washington Drive.	0.25	"Install Pedestrian Crossing"	"Ped" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual	
23. Install pedestrian signals along WB approach at Washington Drive.	0.53	"Install Pedestrian Signal"	"Ped" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual	
<b>Route 1 at Foreston Woods Drive/Austin Park Drive &amp; Aquia Park Shopping Center</b>					
1. Widen EB approach to add third lane to reconfigure the approach to be 1LTL, 1 THRU, and 1 RTL.	N/A	-	-	-	
2. Widen WB approach to add third lane to reconfigure the approach to be 1 LTL, 1 THRU+LTL, and 1 RTL.	N/A	-	-	-	
3. Add a second SB LTL (Dual lefts).	AA	-	-	Left lane already exists in current conditions.	
4. Revise the EB and WB signal phasing to split signal timings.	AA	-	-	Current EB and WB phasing is split.	
5. Optimize signal timings.	0.08	"Improve signal timing"	"All" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual	
6. Install pedestrian crosswalks along WB and NB approaches.	0.25	"Install Pedestrian Crossing"	"Ped" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual	
7. Install pedestrian signals along WB and NB approaches.	0.53	"Install Pedestrian Signal"	"Ped" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual	
8. Optimize signal timings at Aquia Park Shopping Center.	0.08	"Improve signal timing"	"All" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual	
9. Install raised concrete median from Foreston Woods Drive/Austin Park Drive to Aquia Park Shopping Center.	0.39	"Install Raised Median"; CMFID: 3034	"All" Crash Type, "All" Crash Severity	4 Stars	

Table 3: STARS Route 1 Corridor - Crash Reduction Factors

Countermeasure	Crash Reduction Factor (FHWA or Clearinghouse)	CMF Clearinghouse or FHWA Desktop Reference Countermeasure(s) Used	Crash Type and Severity of Crashes Applicable	Notes/Quality
Route 1 at Coal Landing Road/Bells Hill Road & Austin Run Boulevard				
1. Extend SB left-turn storage by 350 feet.	N/A	-	-	No countermeasure exists for the improvement.
2. Optimize signal timings.	0.08	"Improve signal timing"	"All" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual
3. Prohibit EB left turns and through movements from Bells Hill Road, making it RI/RO only.	N/A	-	-	-
4. Relocate EB left-turn and through traffic further south to Austin Run Blvd as u-turns.	N/A	-	-	Expected safety benefit will be evaluated based on vehicles diverted from the intersection. Crashes are expected to increase as a result of diverted vehicles to adjacent intersections.
5. Prohibit WB left turns and through movements from Coal Landing Road.	N/A	-	-	-
6. Relocate WB left-turn and through traffic north to Foreston Woods Road as u-turns.	N/A	-	-	Expected safety benefit will be evaluated based on vehicles diverted from the intersection. Crashes are expected to increase as a result of diverted vehicles to adjacent intersections.
7. Prohibit NB left turns at Coal Landing/Bells Hill Road.	0.64	"Prohibit left-turns with No Left Turn Sign"; CMFID 390	"Left-turn" Crashes, "All" Crash Severity	4 Stars
8. Relocate NB left-turn traffic north to Foreston Woods Road as U-turns.	N/A	-	-	Expected safety benefit will be evaluated based on vehicles diverted from the intersection. Crashes are expected to increase as a result of diverted vehicles to adjacent intersections.
9. Install signal at Austin Run Blvd.	0.344	"Install a traffic signal"; CMFID: 5525	"All" Crash Type, "All" Crash Severity	4 Stars
10. Install pedestrian crosswalks along WB approach at Coal Landing Road.	0.25	"Install Pedestrian Crossing"	"Ped" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual
11. Install pedestrian signals along WB approach at Coal Landing Road.	0.53	"Install Pedestrian Signal"	"Ped" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual
Route 1 Corridor-Wide Improvements				
1. Install sidewalk/shared use path.	0.74	"Install sidewalk (to avoid walking along roadway)"	"Ped" Crash Type, "All" Crash Severity	Value Obtained in FHWA Desktop Reference Manual
2. Install pedestrian bridge along east side of road between Coal Landing Road and Foreston Woods Drive.	AA	-	-	Improvement safety benefits accounted for in 1.
3. Refurbish pavement markings	N/A	-	-	No countermeasure exists for the improvement.

Notes N/A: Means that no applicable CMF could be found in CMF Clearinghouse  
 AA: Means that the improvement was already accounted for in another CMF Clearinghouse OR exists along the corridor and would not provide safety benefit.



## APPENDIX D-3: CRASH REDUCTION FACTORS PER APPLICABLE CRASHES

Table 4: STARS Route 1 Corridor - Crash Reduction Factors & Percent Applicability

Countermeasure	Crash Reduction Factor (FHWA or Clearinghouse)	Crash Type and Severity of Crashes Applicable	Crash Percentage Applicability	Notes/Quality
Route 1 at I-95 On-Ramp				
1. Change the NB left-turn phasing from PM+PT (flashing yellow) to protected only	1	Angle related crashes	50%	Total crashes applicable to the improvement (19 of 38)
2. Install a SB U-Turn Lane and additional pavement at I-95 On-Ramp Intersection.	N/A	-	-	-
3. Extend NB left-turn lane by 500 feet.	N/A	-	-	-
4. Install additional NB lane from intersection to trap at Coachman Circle (South).	0.24	K, A, B, C crashes	8%	Total crashes applicable to the improvement (8 of 111)
5. Optimize signal timings.	0.08	All crashes at the intersection	50%	Total crashes applicable to the improvement (19 of 38)
6. Install directional median at Hampton Inn intersection for SB left-turn and install raised median to prevent EB and WB left-turns.	0.07	All crashes at the unsignalized intersection	34%	Total crashes applicable to the improvement (34 of 99 crashes between Port Aquia and I-95)
7. Install directional median at Extra Space Storage intersection for SB left-turn and install raised median to prevent EB left-turns.	0.07	All crashes at the unsignalized intersection	12%	Total crashes applicable to the improvement (12 of 99 crashes between Port Aquia and I-95)
8. Install raised median from I-95 NB On-Ramp Intersection to Coachman Circle (South)	0.39	All crashes along segment between I-95 On-Ramp and Garrisonville/Washington	59%	Total crashes applicable to the improvement (58 of 99 crashes between Port Aquia and I-95)
Route 1 at Garrisonville Road/Washington Drive & Route 1 at Town Center Drive/I-95 Off-Ramp				
1. Change EB right-turn lane to free flow condition (Garrisonville/Washington).	N/A	-	-	-
2. Install additional southbound thru-lane lane along Route 1 and end it approximately 600' south of Town Center Drive (Garrisonville/Washington).	0.54	K, A, B, C crashes	22%	Total crashes applicable to the improvement (5 of 23)
3. Install raised median from Washington/Garrisonville to Town Center/I-95 Off-Ramp	0.39	All crashes along segment between I-95 On-Ramp and Garrisonville/Washington	78%	Total crashes applicable to the improvement (18 of 23)
4. Change the NB outside lane from right only to through (Garrisonville/Washington).	N/A	-	-	-
5. Install additional NB lane from intersection to trap at Coachman Circle (South) (Garrisonville/Washington).	0.54	K, A, B, C crashes	25%	Total crashes applicable to the improvement (3 of 12)
6. Install raised median from I-95 NB On-Ramp to Washington/Garrisonville	0.39	All crashes along segment between I-95 On-Ramp and Garrisonville/Washington	75%	Total crashes applicable to the improvement (9 of 12)
7. Install new right-turn storage lane along NB approach (Garrisonville/Washington).	AA	-	-	-
8. Prohibit SB left-turns and relocate movement to Town Center Drive (Garrisonville/Washington).	0.67	SB Left-turn crashes	1%	Total crashes applicable to the improvement (1 of 91)
9. Restrict WB left-turn movements and relocate to WB approach of Town Center Drive (Garrisonville/Washington).	0.67	WB Left-turn crashes	2%	Total crashes applicable to the improvement (2 of 91)
10. Restrict WB thru movements and divert to WB approach of Town Center Drive (Garrisonville/Washington).	N/A	-	-	-
11. Optimize signal timings (Garrisonville/Washington).	0.08	All crashes at the intersection	97%	Total crashes applicable to the improvement (88 of 91)
12. Change the Town Center Drive EB/WB signal phasing from protected only to split signal timings.	N/A	-	-	-
13. Revise the EB lane configuration to 2-LT, 1-Thru+RT (Town Center/I-95 Off-Ramp).	N/A	-	-	-
14. Revise the WB lane configuration to 2-LT and 1 RT. Change the WB RT to free flow movement (Town Center/I-95 Off-Ramp).	N/A	-	-	-
15. Optimize signal timings (Town Center/I-95 Off-Ramp).	0.08	All crashes at the intersection	100%	Total crashes applicable to the improvement (37 of 37)

Table 4: STARS Route 1 Corridor - Crash Reduction Factors & Percent Applicability

Preferred Alternatives	Countermeasure	Crash Reduction Factor (FHWA or Clearinghouse)	Crash Type and Severity of Crashes Applicable	Crash Percentage Applicability	Notes/Quality
	16. Construct a single lane roundabout at the intersection of Town Center Drive and Aquia Town Center Drive.	N/A	-	-	-
	17. Install directional median south of the intersection at the unsignalized entrance to the Town Center (KFC/EI Gran Charro).	0.43	All crashes at the unsignalized intersection	30%	Total crashes applicable to the improvement (6 of 20 crashes between Town Center Drive and Aquia Park Shopping Center)
	18. Install raised median from Town Center Drive to Aquia Park Shopping Center.	0.39	All crashes along segment between Town Center Drive and Aquia Park Shopping Center.	70%	Total crashes applicable to the improvement (14 of 20)
	19. Install new signal at existing intersection of Washington Drive and Aquia Towne Center Drive	N/A	-	-	-
	20. Install pedestrian crosswalks along WB approach at Town Center Drive.	0.25	Pedestrian crashes at intersection	0%	Total crashes applicable to the improvement (0 of 37)
	21. Install pedestrian signals along WB approach at Town Center Drive.	0.53	Pedestrian crashes at intersection	0%	Total crashes applicable to the improvement (0 of 37)
	22. Install pedestrian crosswalks along WB approach at Washington Drive.	0.25	Pedestrian crashes at intersection	0%	Total crashes applicable to the improvement (0 of 91)
	23. Install pedestrian signals along WB approach at Washington Drive.	0.53	Pedestrian crashes at intersection	0%	Total crashes applicable to the improvement (0 of 91)
	Route 1 at Foreston Woods Drive/Austin Park Drive & Aquia Park Shopping Center				
1. Widen EB approach to add third lane to reconfigure the approach to be 1LTL, 1 THRU, and 1 RTL.	N/A	-	-	-	
2. Widen WB approach to add third lane to reconfigure the approach to be 1 LTL, 1 THRU+LTL, and 1 RTL.	N/A	-	-	-	
3. Add a second SB LTL (Dual lefts).	AA	-	-	-	
4. Revise the EB and WB signal phasing to split signal timings.	AA	-	-	-	
5. Optimize signal timings.	0.08	All crashes at the intersection	100%	Total crashes applicable to the improvement (28 of 28)	
6. Install pedestrian crosswalks along WB and NB approaches.	0.25	Pedestrian crashes at intersection	0%	Total crashes applicable to the improvement (0 of 28)	
7. Install pedestrian signals along WB and NB approaches.	0.53	Pedestrian crashes at intersection	0%	Total crashes applicable to the improvement (0 of 28)	
8. Optimize signal timings at Aquia Park Shopping Center.	0.08	All crashes at the intersection	100%	Total crashes applicable to the improvement (8 of 8)	
9. Install raised concrete median from Foreston Woods Drive/Austin Park Drive to Aquia Park Shopping Center.	0.39	All crashes along segment between Foreston Woods Drive/Austin Park Drive and Aquia Park Shopping Center.	100%	Total crashes applicable to the improvement (26 of 26)	
Route 1 at Coal Landing Road/Bells Hill Road & Austin Run Boulevard					
1. Extend SB left-turn storage by 350 feet.	N/A	-	-	-	
2. Optimize signal timings.	0.08	All crashes at the intersection	100%	Total crashes applicable to the improvement (14 of 14)	
3. Prohibit EB left turns and through movements from Bells Hill Road, making it RI/RO only.	N/A	-	-	-	
4. Relocate EB left-turn and through traffic further south to Austin Run Blvd as u-turns.	N/A	-	-	-	

Table 4: STARS Route 1 Corridor - Crash Reduction Factors & Percent Applicability

Countermeasure	Crash Reduction Factor (FHWA or Clearinghouse)	Crash Type and Severity of Crashes Applicable	Crash Percentage Applicability	Notes/Quality
5. Prohibit WB left turns and through movements from Coal Landing Road.	N/A	-	-	-
6. Relocate WB left-turn and through traffic north to Foreston Woods Road as u-turns.	N/A	-	-	-
7. Prohibit NB left turns at Coal Landing/Bells Hill Road.	0.64	NB Left-Turn Crashes	0%	Total crashes applicable to the improvement (0 of 14)
8. Relocate NB left-turn traffic north to Foreston Woods Road as U-turns.	N/A	-	-	-
9. Install signal at Austin Run Blvd.	0.344	All crashes at the intersection	23%	Total crashes applicable to the improvement (12 of 12)
10. Install pedestrian crosswalks along WB approach at Coal Landing Road.	0.25	Pedestrian crashes at intersection	0%	Total crashes applicable to the improvement (0 of 14)
11. Install pedestrian signals along WB approach at Coal Landing Road.	0.53	Pedestrian crashes at intersection	0%	Total crashes applicable to the improvement (0 of 14)
<b>Route 1 Corridor-Wide Improvements</b>				
1. Install sidewalk/shared use path.	0.74	Pedestrian crashes along segment of Corridor	0.2%	Total crashes applicable to the improvement (1 of 465)
2. Install pedestrian bridge along east side of road between Coal Landing Road and Foreston Woods Drive.	AA	-	-	-
3. Refurbish pavement markings	N/A	-	-	-

Notes  
 N/A: Means that no applicable CMF could be found in CMF Clearinghouse  
 AA: Means that the improvement was already accounted for in another CMF Clearinghouse OR exists along the corridor and would not provide safety benefit.

## APPENDIX D-4: FUTURE 2035 PROJECTED CRASHES



Table 5: STARS Route 1 Corridor - 2035 Crash Reduction

Alternative	Existing Crash Averages (September 2013 - August 2018)				2035 No Build Conditions				2035 Build Conditions				Change in Crashes (2035 No Build vs. 2035 Build)							
	PDO	B+C	K+A	Total	PDO	B+C	K+A	Total	PDO	B+C	K+A	Total	PDO Reduction	PDO % Reduction	B+C Reduction	B+C % Reduction	K+A Reduction	K+A % Reduction	Total Reduction	Total % Reduction
Preferred Alternative	Route 1 at I-95 On-Ramp																			
	22.00	6.20	1.60	29.80	28.81	8.12	2.10	39.03	13.25	8.00	2.09	23.34	15.56	54.0%	0.12	1.5%	0.00	0.2%	15.69	40.2%
	Route 1 at Garrisonville Road/Washington Drive & Route 1 at Town Center Drive/I-95 Off-Ramp																			
	26.00	8.80	1.80	36.60	34.05	11.53	2.36	47.94	30.49	11.87	2.09	44.45	3.57	10.5%	-0.35	-3.0%	0.27	11.5%	3.49	7.3%
	Route 1 at Foreston Woods Drive/Austin Park Drive & Aquia Park Shopping Center																			
	1.60	0.88	0.00	2.48	10.48	5.76	0.00	16.24	8.12	4.74	0.00	12.86	2.36	22.5%	1.02	17.7%	0.00	0.0%	3.38	20.8%
	Route 1 at Coal Landing Road/Bells Hill Road & Austin Run Boulevard																			
4.40	0.40	0.40	5.20	5.76	0.52	0.52	6.81	6.96	0.48	0.50	7.95	-1.20	-20.8%	0.04	8.0%	0.02	4.2%	-1.14	-16.7%	
Route 1 Corridor-Wide Improvements																				
67.60	22.20	4.00	93.80	88.54	29.08	5.24	122.86	88.40	29.03	5.23	122.66	0.14	0.2%	0.05	0.2%	0.01	0.2%	0.20	0.2%	

Notes:  
 1.) Calculated values shown above are estimates based on projected growth rates, CRF factors, and percent reduction due to application of crashes and thus may vary.  
 2.) Grown values for PDO, B+C, and K+A include crashes related to the locations where alternatives are being proposed.  
 3.) Route 1 used a 1.6% growth rate.  
 4.) It is assumed that crashes will increase at adjacent intersections as a result of vehicle diversion due to turn lane movement restrictions. Increases in crashes at adjacent approaches were evaluated and calculated based on existing crashes grown to build conditions and percent increases in volume at these adjacent intersections/approaches.  
 5.) Expected crash increases, based on volume diversion, could not be calculated at the roundabout. Turning movement counts are required to project the expected increase in crashes; however, were not provided for the intersection, and thus was not calculated as part of this analysis.

## APPENDIX D-5: CRASH REDUCTION ANALYSIS ASSUMPTIONS

## ROUTE 1 ASSUMPTIONS

---

### 1.1 Clearinghouse

- CRFs having studies with 3 stars or better were used for application.
- Only applicable and relevant CRF factors were utilized for respective countermeasures. If no applicable category was found, the FHWA Desktop Reference was used. If an applicable CRF was not provided in either source, a CRF of 0 (zero) or N/A was utilized.
- Multiple CRF values applying to either whole segment countermeasures were combined and applied.

### 1.2 FHWA Desktop Reference for Crash Reduction Factors

- Only applicable and relevant CRF factors were utilized for respective countermeasures. If no applicable category was found, countermeasure CRFs were considered to be 0 (zero) or N/A.
- Categories providing multiple CRF factors were combined to find an average CRF factor.
- Multiple CRF values applying to either whole segment or intersection countermeasures were combined and applied.
- In some countermeasures, CRF factors were applied to only applicable crashes vs. the entire interchange or segment being analyzed.
- Based on the overall setting and city, it was assumed this area was urban.

### 1.3 Safety Performance Functions for Intersections on Highways Maintained by the Virginia Department of Transportation

- The SPFs for *urban 3-leg signalized* intersection was used in this study as appropriate.

- The annual average daily traffic specific to each proposed location was used.
- The distribution of crash severities needed for the SPFs was determined based on the distribution of crash severities found in the 5 year period (2013-2018) along the corridor.

## APPENDIX E: IMPROVEMENT PRIORITIZATION

## APPENDIX E-1: CRASH REDUCTION COST SAVINGS



Table 6: STARS US Route 1 Stafford Corridor - 2035-2055 Crash Reduction Cost Saving

		2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
Alternative 1	PDO	16.85	17.01	17.18	17.36	17.53	17.70	17.88	18.06	18.24	18.42	18.61	18.79	18.98	19.17	19.36	19.56	19.75	19.95	20.15	20.35	20.55
	B+C	0.13	0.13	0.14	0.14	0.14	0.14	0.14	0.14	0.14	0.15	0.15	0.15	0.15	0.15	0.15	0.15	0.16	0.16	0.16	0.16	0.16
	K+A	0.005	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Alternative 2	PDO	3.86	3.90	3.94	3.98	4.02	4.06	4.10	4.14	4.18	4.22	4.27	4.31	4.35	4.40	4.44	4.48	4.53	4.57	4.62	4.67	4.71
	B+C	-0.38	-0.38	-0.38	-0.39	-0.39	-0.39	-0.40	-0.40	-0.41	-0.41	-0.41	-0.42	-0.42	-0.43	-0.43	-0.44	-0.44	-0.44	-0.45	-0.45	-0.46
	K+A	0.29	0.30	0.30	0.30	0.30	0.31	0.31	0.31	0.32	0.32	0.32	0.33	0.33	0.33	0.34	0.34	0.34	0.35	0.35	0.35	0.36
Alternative 3	PDO	2.56	2.58	2.61	2.63	2.66	2.69	2.71	2.74	2.77	2.80	2.82	2.85	2.88	2.91	2.94	2.97	3.00	3.03	3.06	3.09	3.12
	B+C	1.10	1.11	1.13	1.14	1.15	1.16	1.17	1.18	1.20	1.21	1.22	1.23	1.24	1.26	1.27	1.28	1.29	1.31	1.32	1.33	1.35
	K+A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Alternative 4	PDO	-1.30	-1.31	-1.33	-1.34	-1.35	-1.37	-1.38	-1.39	-1.41	-1.42	-1.44	-1.45	-1.46	-1.48	-1.49	-1.51	-1.52	-1.54	-1.56	-1.57	-1.59
	B+C	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06
	K+A	0.02	0.02	0.02	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03
Alternative 5	PDO	0.15	0.15	0.16	0.16	0.16	0.16	0.16	0.16	0.17	0.17	0.17	0.17	0.17	0.17	0.18	0.18	0.18	0.18	0.18	0.18	0.19
	B+C	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06	0.06
	K+A	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01

		2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055
Alternative 1	PDO	\$ 177,700.77	\$ 179,477.78	\$ 181,272.55	\$ 183,085.28	\$ 184,916.13	\$ 186,765.29	\$ 188,632.95	\$ 190,519.28	\$ 192,424.47	\$ 194,348.71	\$ 196,292.20	\$ 198,255.12	\$ 200,237.67	\$ 202,240.05	\$ 204,262.45	\$ 206,305.08	\$ 208,368.13	\$ 210,451.81	\$ 212,556.33	\$ 214,681.89	\$ 216,828.71
	B+C	\$ 10,932.01	\$ 11,041.33	\$ 11,151.74	\$ 11,263.26	\$ 11,375.89	\$ 11,489.65	\$ 11,604.55	\$ 11,720.59	\$ 11,837.80	\$ 11,956.18	\$ 12,075.74	\$ 12,196.50	\$ 12,318.46	\$ 12,441.65	\$ 12,566.06	\$ 12,691.72	\$ 12,818.64	\$ 12,946.83	\$ 13,076.30	\$ 13,207.06	\$ 13,339.13
	K+A	\$ 4,531.70	\$ 4,577.02	\$ 4,622.79	\$ 4,669.02	\$ 4,715.71	\$ 4,762.87	\$ 4,810.49	\$ 4,858.60	\$ 4,907.18	\$ 4,956.26	\$ 5,005.82	\$ 5,055.88	\$ 5,106.44	\$ 5,157.50	\$ 5,209.08	\$ 5,261.17	\$ 5,313.78	\$ 5,366.92	\$ 5,420.58	\$ 5,474.79	\$ 5,529.54
	Total Savings	\$ 193,164.48	\$ 195,096.13	\$ 197,047.09	\$ 199,017.56	\$ 201,007.73	\$ 203,017.81	\$ 205,047.99	\$ 207,098.47	\$ 209,169.45	\$ 211,261.15	\$ 213,373.76	\$ 215,507.50	\$ 217,662.57	\$ 219,839.20	\$ 222,037.59	\$ 224,257.97	\$ 226,500.55	\$ 228,765.55	\$ 231,053.21	\$ 233,363.74	\$ 235,697.38
																		Net Present Value of 20 year cycle cost savings				\$ 3,357,725
Alternative 2	PDO	\$ 40,745.41	\$ 41,152.87	\$ 41,564.39	\$ 41,980.04	\$ 42,399.84	\$ 42,823.84	\$ 43,252.08	\$ 43,684.60	\$ 44,121.44	\$ 44,562.66	\$ 45,008.28	\$ 45,458.37	\$ 45,912.95	\$ 46,372.08	\$ 46,835.80	\$ 47,304.16	\$ 47,777.20	\$ 48,254.97	\$ 48,737.52	\$ 49,224.90	\$ 49,717.15
	B+C	\$ (30,848.27)	\$ (31,156.76)	\$ (31,468.32)	\$ (31,783.01)	\$ (32,100.84)	\$ (32,421.85)	\$ (32,746.06)	\$ (33,073.53)	\$ (33,404.26)	\$ (33,738.30)	\$ (34,075.69)	\$ (34,416.44)	\$ (34,760.61)	\$ (35,108.21)	\$ (35,459.30)	\$ (35,813.89)	\$ (36,172.03)	\$ (36,533.75)	\$ (36,899.09)	\$ (37,268.08)	\$ (37,640.76)
	K+A	\$ 270,487.24	\$ 273,192.11	\$ 275,924.04	\$ 278,683.28	\$ 281,470.11	\$ 284,284.81	\$ 287,127.66	\$ 289,998.93	\$ 292,898.92	\$ 295,827.91	\$ 298,786.19	\$ 301,774.05	\$ 304,791.79	\$ 307,839.71	\$ 310,918.11	\$ 314,027.29	\$ 317,167.56	\$ 320,339.24	\$ 323,542.63	\$ 326,778.06	\$ 330,045.84
	Total Savings	\$ 280,384.38	\$ 283,188.22	\$ 286,020.11	\$ 288,880.31	\$ 291,769.11	\$ 294,686.80	\$ 297,633.67	\$ 300,610.01	\$ 303,616.11	\$ 306,652.27	\$ 309,718.79	\$ 312,815.98	\$ 315,944.14	\$ 319,103.58	\$ 322,294.61	\$ 325,517.56	\$ 328,772.74	\$ 332,060.46	\$ 335,381.07	\$ 338,734.88	\$ 342,122.23
																		Net Present Value of 20 year cycle cost savings				\$ 4,873,844
Alternative 3	PDO	\$ 26,965.20	\$ 27,234.85	\$ 27,507.20	\$ 27,782.27	\$ 28,060.09	\$ 28,340.69	\$ 28,624.10	\$ 28,910.34	\$ 29,199.44	\$ 29,491.44	\$ 29,786.35	\$ 30,084.21	\$ 30,385.06	\$ 30,688.91	\$ 30,995.80	\$ 31,305.75	\$ 31,618.81	\$ 31,935.00	\$ 32,254.35	\$ 32,576.89	\$ 32,902.66
	B+C	\$ 90,678.71	\$ 91,585.50	\$ 92,501.35	\$ 93,426.36	\$ 94,360.63	\$ 95,304.23	\$ 96,257.28	\$ 97,219.85	\$ 98,192.05	\$ 99,173.97	\$ 100,165.71	\$ 101,167.36	\$ 102,179.04	\$ 103,200.83	\$ 104,232.84	\$ 105,275.17	\$ 106,327.92	\$ 107,391.20	\$ 108,465.11	\$ 109,549.76	\$ 110,645.26
	K+A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	Total Savings	\$ 117,643.90	\$ 118,820.34	\$ 120,008.55	\$ 121,208.63	\$ 122,420.72	\$ 123,644.93	\$ 124,881.37	\$ 126,130.19	\$ 127,391.49	\$ 128,665.40	\$ 129,952.06	\$ 131,251.58	\$ 132,564.10	\$ 133,889.74	\$ 135,228.63	\$ 136,580.92	\$ 137,946.73	\$ 139,326.20	\$ 140,719.46	\$ 142,126.65	\$ 143,547.92
																		Net Present Value of 20 year cycle cost savings				\$ 2,044,971
Alternative 4	PDO	\$ (13,714.68)	\$ (13,851.83)	\$ (13,990.35)	\$ (14,130.25)	\$ (14,271.55)	\$ (14,414.27)	\$ (14,558.41)	\$ (14,704.00)	\$ (14,851.04)	\$ (14,999.55)	\$ (15,149.54)	\$ (15,301.04)	\$ (15,454.05)	\$ (15,608.59)	\$ (15,764.67)	\$ (15,922.32)	\$ (16,081.54)	\$ (16,242.36)	\$ (16,404.78)	\$ (16,568.83)	\$ (16,734.52)
	B+C	\$ 3,727.97	\$ 3,765.25	\$ 3,802.90	\$ 3,840.93	\$ 3,879.34	\$ 3,918.13	\$ 3,957.31	\$ 3,996.88	\$ 4,036.85	\$ 4,077.22	\$ 4,117.99	\$ 4,159.17	\$ 4,200.77	\$ 4,242.77	\$ 4,285.20	\$ 4,328.05	\$ 4,371.33	\$ 4,415.05	\$ 4,459.20	\$ 4,503.79	\$ 4,548.83
	K+A	\$ 21,915.48	\$ 22,134.64	\$ 22,355.98	\$ 22,579.54	\$ 22,805.34	\$ 23,033.39	\$ 23,263.72	\$ 23,496.36	\$ 23,731.33	\$ 23,968.64	\$ 24,208.32	\$ 24,450.41	\$ 24,694.91	\$ 24,941.86	\$ 25,191.28	\$ 25,443.19	\$ 25,697.62	\$ 25,954.60	\$ 26,214.15	\$ 26,476.29	\$ 26,741.05
	Total Savings	\$ 11,928.76	\$ 12,048.05	\$ 12,168.53	\$ 12,290.22	\$ 12,413.12	\$ 12,537.25	\$ 12,662.62	\$ 12,789.25	\$ 12,917.14	\$ 13,046.31	\$ 13,176.78	\$ 13,308.54	\$ 13,441.63	\$ 13,576.05	\$ 13,711.81	\$ 13,848.92	\$ 13,987.41	\$ 14,127.29	\$ 14,268.56	\$ 14,411.25	\$ 14,555.36
																		Net Present Value of 20 year cycle cost savings				\$ 207,354
Alternative 5	PDO	\$ 1,609.16	\$ 1,625.25	\$ 1,641.50	\$ 1,657.92	\$ 1,674.49	\$ 1,691.24	\$ 1,708.15	\$ 1,725.23	\$ 1,742.49	\$ 1,759.91	\$ 1,777.51	\$ 1,795.29	\$ 1,813.24	\$ 1,831.37	\$ 1,849.68	\$ 1,868.18	\$ 1,886.86	\$ 1,905.73	\$ 1,924.79	\$ 1,944.04	\$ 1,963.48
	B+C	\$ 4,115.80	\$ 4,156.95	\$ 4,198.52	\$ 4,240.51	\$ 4,282.91	\$ 4,325.74	\$ 4,369.00	\$ 4,412.69	\$ 4,456.82	\$ 4,501.38	\$ 4,546.40	\$ 4,591.86	\$ 4,637.78	\$ 4,684.16	\$ 4,731.00	\$ 4,778.31	\$ 4,826.09	\$ 4,874.35	\$ 4,923.10	\$ 4,972.33	\$ 5,022.05
	K+A	\$ 8,338.58	\$ 8,421.96	\$ 8,506.18	\$ 8,591.24	\$ 8,677.16	\$ 8,763.93	\$ 8,851.57	\$ 8,940.08	\$ 9,029.48	\$ 9,119.78	\$ 9,210.98	\$ 9,303.09	\$ 9,396.12	\$ 9,490.08	\$ 9,584.98	\$ 9,680.83	\$ 9,777.64	\$ 9,875.41	\$ 9,974.17	\$ 10,073.91	\$ 10,174.65
	Total Savings	\$ 14,063.53	\$ 14,204.16	\$ 14,346.21	\$ 14,489.67	\$ 14,634.56	\$ 14,780.91	\$ 14,928.72	\$ 15,078.01	\$ 15,228.79	\$ 15,381.07	\$ 15,534.88	\$ 15,690.23	\$ 15,847.14	\$ 16,005.61	\$ 16,165.66	\$ 16,327.32	\$ 16,490.59	\$ 16,655.50	\$ 16,822.05	\$ 16,990.27	\$ 17,160.18
																		Net Present Value of 20 year cycle cost savings				\$ 244,462

## APPENDIX E-2: COST ESTIMATES

Route 1 Alt 1 I-95 on ramp Intersection  
 DRAFT Opinion of Probable Project Costs - May 2020  
 Non-inflated Costs are in FY2020 Dollars

Item	Description	Unit	Quantity	Unit Cost	Extension
<b>Construction Costs</b>					
Incidental Items					
1	Clearing and Grubbing	AC	1	\$30,000	\$30,000
2	Regular Excavation	CY	10000	\$65	\$650,000
3	Borrow Excavation	CY	3000	\$50	\$150,000
INCIDENTAL ITEMS SUB-TOTAL					\$830,000
Pavement Items					
4	Mill and Overlay Existing Pavement	SY	2000	\$30	\$60,000
5	Demolition of Pavement (Flexible)	SY	0	\$18	\$0
6	Saw-cut Asphalt Conc. (Full Depth)	LF	800	\$15	\$12,000
7	Full Depth Asphalt Pavement	SY	3000	\$110	\$330,000
8	Shared Use Path	SY	0	\$30	\$0
PAVEMENT ITEMS SUB-TOTAL					\$402,000
Concrete Items					
9	Concrete Sidewalk	SY	0	\$100	\$0
10	Curb and Gutter (CG-7)	LF	800	\$35	\$28,000
11	Curb (CG-2)	LF	0	\$30	\$0
12	Concrete Median Strip (MS-1 or MS-1A)	SY	1000	\$100	\$100,000
13	Grass Median (MS-2)	SY	1000	\$75	\$75,000
14	Curb Ramp	EA	0	\$2,500	\$0
CONCRETE ITEMS SUB-TOTAL					\$203,000
Drainage Items					
15	Storm Sewer Pipe 18"	LF	800	\$150	\$120,000
16	Drainage Structures (DI/MH)	EA	3	\$6,000	\$18,000
17	SWM Basins	CF	3000	\$1	\$3,000
DRAINAGE ITEMS SUB-TOTAL					\$141,000
Traffic Signal Items					
18	Full Signal - Route 1 / I-95 On ramp	EA	1	\$500,000	\$500,000
TRAFFIC SIGNAL ITEMS SUB-TOTAL					\$500,000
SUB-TOTAL (Items 1 - 18)					\$2,076,000
Lump Sum Items					
19	Signing & Marking (2%)	LS	1	\$42,000	\$42,000
20	Maintenance of Traffic (5%)	LS	1	\$104,000	\$104,000
21	Erosion and Sediment Control (2%)	LS	1	\$42,000	\$42,000
22	Lighting	LS	0	\$0	\$0
LUMP SUM SUB-TOTAL					\$188,000
Subtotal					\$2,264,000
Unaccounted Items					\$339,600
Subtotal					\$2,603,600
CN Survey					\$130,180
Subtotal					\$2,733,780
Mobilization					\$166,689
CN Total (No CEI or Inflation)					\$2,900,469
CEI					\$580,094
Risk					\$580,094
Contract					\$145,023
CN Subtotal					\$3,480,563
2020 CN Total					\$3,480,563
2020 RW Total					\$1,626,315
2020 PE Total					\$487,279
2020 Total Cost Estimate					\$5,594,157

assumed full-depth pvmt + curb/gutter + sidewalk + shared use path  
 assumed 1' depth rootmat removal over sidewalk, Shared use path, and grass areas  
 assumed 6" fill over disturbed area to lift sidewalk area to curb level with 6 SQFT per linear foot to tie in fill slope behind paths  
 assumed 2" depth  
 assumed per LF of curb and gutter / new pavement  
 assumed 2" SM, 3" IM, 4" BM, 6" agg  
 assumed 2" asphalt surface + 4" agg  
 assumed C&G length  
 assumed one structure per 300' of C&G  
 assumed 1.5 inches over new impervious area (clear and grub area) to manage/detain  
 assumed traffic signal + lighting  
 no overhead sign structures; ground-mounted signs and PM only  
 signal price includes intersection lighting  
 such as landscaping, ITS, unknown utilities  
 assumed  
 assumed  
 assumed  
 from PCES (utilities\* and ROW cost) plus assumed 75% (high risk RW)  
 assumed 14%

\* utility relocation assumptions for pricing only:  
 - power poles  
 - telecommunication line  
 - fiber line  
 - water line  
 - gas line

Route 1 Alt 2 Garrisonville Road Quadrant Intersection  
 DRAFT Opinion of Probable Project Costs - May 2020  
 Non-inflated Costs are in FY2020 Dollars

Item	Description	Unit	Quantity	Unit Cost	Extension
<b>Construction Costs</b>					
Incidental Items					
1	Clearing and Grubbing	AC	3	\$30,000	\$90,000
2	Regular Excavation	CY	13000	\$65	\$845,000
3	Borrow Excavation	CY	7000	\$50	\$350,000
INCIDENTAL ITEMS SUB-TOTAL					\$1,285,000
Pavement Items					
4	Mill and Overlay Existing Pavement	SY	32000	\$30	\$960,000
5	Demolition of Pavement (Flexible)	SY	1000	\$18	\$18,000
6	Saw-cut Asphalt Conc. (Full Depth)	LF	8600	\$15	\$129,000
7	Full Depth Asphalt Pavement	SY	17000	\$110	\$1,870,000
8	Shared Use Path	SY	0	\$30	\$0
PAVEMENT ITEMS SUB-TOTAL					\$2,977,000
Concrete Items					
9	Concrete Sidewalk	SY	1000	\$100	\$100,000
10	Curb and Gutter (CG-7)	LF	8600	\$35	\$301,000
11	Curb (CG-2)	LF	0	\$30	\$0
12	Concrete Median Strip (MS-1 or MS-1A)	SY	2000	\$100	\$200,000
13	Grass Median (MS-2)	SY	2000	\$75	\$150,000
14	Curb Ramp	EA	0	\$2,500	\$0
CONCRETE ITEMS SUB-TOTAL					\$751,000
Drainage Items					
15	Storm Sewer Pipe 18"	LF	8600	\$150	\$1,290,000
16	Drainage Structures (DI/MH)	EA	29	\$6,000	\$174,000
17	SWM Basins	CF	12000	\$1	\$12,000
DRAINAGE ITEMS SUB-TOTAL					\$1,476,000
Traffic Signal Items					
18	Full Signal - Route 1 / Garrisonville Rd	EA	1	\$500,000	\$500,000
19	Full Signal - Washington Dr / Aquia Towne Ctr Dr	EA	1	\$400,000	\$400,000
20	Partial Signal Reconstruction - Rte 1 / I-95 NB off-ramp	EA	1	\$200,000	\$200,000
TRAFFIC SIGNAL ITEMS SUB-TOTAL					\$1,100,000
SUB-TOTAL (Items 1 - 20)					\$7,589,000
Lump Sum Items					
21	Signing & Marking (2%)	LS	1	\$152,000	\$152,000
22	Maintenance of Traffic (5%)	LS	1	\$380,000	\$380,000
23	Erosion and Sediment Control (2%)	LS	1	\$152,000	\$152,000
24	Lighting	LS	0	\$0	\$0
LUMP SUM SUB-TOTAL					\$684,000
Subtotal					\$8,273,000
Unaccounted Items					\$1,240,950
Subtotal					\$9,513,950
CN Survey					\$475,698
Subtotal					\$9,989,648
Mobilization					\$529,482
CN Total (No CEI or Inflation)					\$10,519,130
CEI					\$2,103,826
Risk					\$2,103,826
Contract					\$525,956
CN Subtotal					\$12,622,956
2020 CN Total					\$12,622,956
2020 RW Total					\$10,244,663
2020 PE Total					\$1,767,214
2020 Total Cost Estimate					\$24,634,832

assumed full-depth pvmt + curb/gutter + sidewalk + shared use path  
 assumed 1' depth rootmat removal over sidewalk, Shared use path, and grass areas  
 assumed 6" fill over disturbed area to lift sidewalk area to curb level with 6 SQFT per linear foot to tie in fill slope behind paths  
 assumed 2" depth  
 assumed per LF of curb and gutter / new pavement  
 assumed 2" SM, 3" IM, 4" BM, 6" agg  
 assumed 2" asphalt surface + 4" agg  
 assumed C&G length  
 assumed one structure per 300' of C&G  
 assumed 1.5 inches over new impervious area (clear and grub area) to manage/detain  
 assumed traffic signal + lighting  
 assumed traffic signal + lighting  
 assumed traffic signal + lighting  
 no overhead sign structures; ground-mounted signs and PM only  
 signal price includes intersection lighting  
 such as landscaping, ITS, unknown utilities  
 assumed  
 assumed  
 assumed  
 from PCES (utilities\* and ROW cost) plus assumed 75% (high risk RW)  
 assumed 14%

\* utility relocation assumptions for pricing only:  
 - power poles  
 - telecommunication line  
 - fiber line  
 - water line  
 - gas line

Route 1 Alt 3 Foreston Woods Dr Intersection  
DRAFT Opinion of Probable Project Costs - May 2020  
Non-inflated Costs are in FY2020 Dollars

Item	Description	Unit	Quantity	Unit Cost	Extension	
<b>Construction Costs</b>						
<b>Incidental Items</b>						
1	Clearing and Grubbing	AC	1	\$30,000	\$30,000	assumed full-depth pvmt + curb/gutter + sidewalk + shared use path
2	Regular Excavation	CY	1000	\$65	\$65,000	assumed 1' depth rootmat removal over sidewalk, Shared use path, and grass areas
3	Borrow Excavation	CY	500	\$50	\$25,000	assumed 6" fill over disturbed area to lift sidewalk area to curb level with 6 SQFT per linear foot to tie in fill slope behind paths
<b>INCIDENTAL ITEMS SUB-TOTAL</b>					<b>\$120,000</b>	
<b>Pavement Items</b>						
4	Mill and Overlay Existing Pavement	SY	9000	\$30	\$270,000	assumed 2" depth
5	Demolition of Pavement (Flexible)	SY	0	\$18	\$0	
6	Saw-cut Asphalt Conc. (Full Depth)	LF	500	\$15	\$7,500	assumed per LF of curb and gutter / new pavement
7	Full Depth Asphalt Pavement	SY	2000	\$110	\$220,000	assumed 2" SM, 3" IM, 4" BM, 6" agg
8	Shared Use Path	SY	0	\$30	\$0	assumed 2" asphalt surface + 4" agg
<b>PAVEMENT ITEMS SUB-TOTAL</b>					<b>\$497,500</b>	
<b>Concrete Items</b>						
9	Concrete Sidewalk	SY	0	\$100	\$0	
10	Curb and Gutter (CG-7)	LF	500	\$35	\$17,500	
11	Curb (CG-2)	LF	0	\$30	\$0	
12	Concrete Median Strip (MS-1 or MS-1A)	SY	1800	\$100	\$180,000	
13	Grass Median (MS-2)	SY	0	\$75	\$0	
14	Curb Ramp	EA	0	\$2,500	\$0	
<b>CONCRETE ITEMS SUB-TOTAL</b>					<b>\$197,500</b>	
<b>Drainage Items</b>						
15	Storm Sewer Pipe 18"	LF	500	\$150	\$75,000	assumed C&G length
16	Drainage Structures (DI/MH)	EA	2	\$6,000	\$12,000	assumed one structure per 300' of C&G
17	SWM Basins	CF	2000	\$1	\$2,000	assumed 1.5 inches over new impervious area (clear and grub area) to manage/detain
<b>DRAINAGE ITEMS SUB-TOTAL</b>					<b>\$89,000</b>	
<b>Traffic Signal Items</b>						
18	Partial Signal Reconstruction - Rte 1 / Foreston Woods Drive	EA	1	\$200,000	\$200,000	assumed traffic signal + lighting
<b>TRAFFIC SIGNAL ITEMS SUB-TOTAL</b>					<b>\$200,000</b>	
<b>SUB-TOTAL (Items 1 - 18)</b>					<b>\$1,104,000</b>	
<b>Lump Sum Items</b>						
19	Signing & Marking (2%)	LS	1	\$23,000	\$23,000	no overhead sign structures; ground-mounted signs and PM only
20	Maintenance of Traffic (5%)	LS	1	\$56,000	\$56,000	
21	Erosion and Sediment Control (2%)	LS	1	\$23,000	\$23,000	
22	Lighting	LS	0	\$0	\$0	signal price includes intersection lighting
<b>LUMP SUM SUB-TOTAL</b>					<b>\$102,000</b>	
<b>Subtotal</b>					<b>\$1,206,000</b>	
<b>Unaccounted Items</b>		15%	LS	-	\$180,900	such as landscaping, unknown utilities
<b>Subtotal</b>					<b>\$ 1,386,900</b>	
<b>CN Survey</b>		5%	LS	-	\$69,345	
<b>Subtotal</b>					<b>\$ 1,456,245</b>	
<b>Mobilization</b>		-	LS	-	\$ 102,812	
<b>CN Total (No CEI or Inflation)</b>					<b>\$ 1,559,057</b>	
<b>CEI</b>		20%	-	-	\$311,811	assumed
<b>Risk</b>		20%	-	-	\$311,811	assumed
<b>Contract</b>		5%	-	-	\$77,953	assumed
<b>CN Subtotal</b>					<b>\$ 1,870,869</b>	
<b>2020 CN Total</b>					<b>\$ 1,870,869</b>	
<b>2020 RW Total</b>					<b>\$ 819,152</b>	from PCES (utilities* and ROW cost) plus assumed 75% (high risk RW)
<b>2020 PE Total</b>					<b>\$ 261,922</b>	assumed 14%
<b>2020 Total Cost Estimate</b>					<b>\$ 2,951,943</b>	* utility relocation assumptions for pricing only:

- power poles
- telecommunication line
- fiber line
- water line
- gas line



Route 1 Alt 4 Austin Run Blvd to Coal Landing Road Improvements  
 DRAFT Opinion of Probable Project Costs - May 2020  
 Non-inflated Costs are in FY2020 Dollars

Item	Description	Unit	Quantity	Unit Cost	Extension
<b>Construction Costs</b>					
Incidental Items					
1	Clearing and Grubbing	AC	0	\$30,000	\$0
2	Regular Excavation	CY	0	\$65	\$0
3	Borrow Excavation	CY	0	\$50	\$0
INCIDENTAL ITEMS SUB-TOTAL					\$0
Pavement Items					
4	Mill and Overlay Existing Pavement	SY	2000	\$30	\$60,000
5	Demolition of Pavement (Flexible)	SY	0	\$18	\$0
6	Saw-cut Asphalt Conc. (Full Depth)	LF	0	\$15	\$0
7	Full Depth Asphalt Pavement	SY	0	\$110	\$0
8	Shared Use Path	SY	0	\$30	\$0
PAVEMENT ITEMS SUB-TOTAL					\$60,000
Concrete Items					
9	Concrete Sidewalk	SY	0	\$100	\$0
10	Curb and Gutter (CG-7)	LF	0	\$35	\$0
11	Curb (CG-2)	LF	0	\$30	\$0
12	Concrete Median Strip (MS-1 or MS-1A)	SY	200	\$100	\$20,000
13	Grass Median (MS-2)	SY	700	\$75	\$52,500
14	Curb Ramp	EA	0	\$2,500	\$0
CONCRETE ITEMS SUB-TOTAL					\$72,500
Drainage Items					
15	Storm Sewer Pipe 18"	LF	0	\$150	\$0
16	Drainage Structures (DI/MH)	EA	0	\$6,000	\$0
17	SWM Basins	CF	0	\$1	\$0
DRAINAGE ITEMS SUB-TOTAL					\$0
Traffic Signal Items					
18	Full Signal - Route 1 / Austin Run	EA	2	\$500,000	\$1,000,000
19	Mod Signal - Route 1 / Bells Hill Road	EA	1	\$500,000	\$500,000
20	Mod Signal - Route 1 / Coal Landing Road	EA	1	\$400,000	\$400,000
TRAFFIC SIGNAL ITEMS SUB-TOTAL					\$1,900,000
SUB-TOTAL (Items 1 - 20)					\$2,032,500
Lump Sum Items					
21	Signing & Marking (2%)	LS	1	\$41,000	\$41,000
22	Maintenance of Traffic (5%)	LS	1	\$102,000	\$102,000
23	Erosion and Sediment Control (2%)	LS	1	\$41,000	\$41,000
24	Lighting	LS	0	\$0	\$0
LUMP SUM SUB-TOTAL					\$184,000
Subtotal					\$2,216,500
Unaccounted Items					\$332,475
Subtotal					\$2,548,975
CN Survey					\$127,449
Subtotal					\$2,676,424
Mobilization					\$163,821
CN Total (No CEI or Inflation)					\$2,840,245
CEI					\$568,049
Risk					\$568,049
Contract					\$142,012
CN Subtotal					\$3,408,294
2020 CN Total					\$3,408,294
2020 RW Total					\$-
2020 PE Total					\$477,161
2020 Total Cost Estimate					\$3,885,455

assumed 2" depth

assumed traffic signal + lighting  
 assumed traffic signal + lighting  
 assumed traffic signal + lighting

no overhead sign structures; ground-mounted signs and PM only  
 signal price includes intersection lighting

such as landscaping, ITS, unknown utilities

assumed  
 assumed  
 assumed

assumed 14%

Route 1 Alt 5 Corridor Wide Pedestrian Improvements  
DRAFT Opinion of Probable Project Costs - May 2020  
Non-inflated Costs are in FY2020 Dollars

Item	Description	Unit	Quantity	Unit Cost	Extension
<b>Construction Costs</b>					
Incidental Items					
1	Clearing and Grubbing	AC	4	\$30,000	\$120,000
2	Regular Excavation	CY	1700	\$65	\$110,500
3	Borrow Excavation	CY	5500	\$50	\$275,000
4	Remove Existing Guardrail	LF	400	\$5	\$2,000
INCIDENTAL ITEMS SUB-TOTAL					\$507,500
Pavement Items					
5	Mill and Overlay Existing Pavement	SY	0	\$30	\$0
6	Demolition of Pavement (Flexible)	SY	0	\$18	\$0
7	Saw-cut Asphalt Conc. (Full Depth)	LF	4800	\$15	\$72,000
8	Full Depth Asphalt Pavement	SY	0	\$110	\$0
9	Shared Use Path	SY	15000	\$30	\$450,000
PAVEMENT ITEMS SUB-TOTAL					\$522,000
Concrete Items					
10	Concrete Sidewalk	SY	0	\$100	\$0
11	Curb and Gutter (CG-7)	LF	4800	\$35	\$168,000
12	Curb (CG-2)	LF	0	\$30	\$0
13	Concrete Median Strip (MS-1 or MS-1A)	SY	0	\$100	\$0
14	Grass Median (MS-2)	SY	0	\$75	\$0
14	Curb Ramp	EA	26	\$2,500	\$65,000
15	Pedestrian Bridge	LS	1	\$650,000	\$650,000
CONCRETE ITEMS SUB-TOTAL					\$883,000
Drainage Items					
16	Storm Sewer Pipe 18"	LF	4800	\$150	\$720,000
17	Drainage Structures (DI/MH)	EA	16	\$6,000	\$96,000
18	SWM Basins	CF	18000	\$1	\$18,000
19	Nutrient Credits	LB	1	\$12,000	\$12,000
DRAINAGE ITEMS SUB-TOTAL					\$846,000
Traffic Signal Items					
20	Full Signal	EA	0	\$500,000	\$0
TRAFFIC SIGNAL ITEMS SUB-TOTAL					\$0
SUB-TOTAL (Items 1 - 20)					\$2,758,500
Lump Sum Items					
21	Signing & Marking (1%)	LS	1	\$28,000	\$28,000
22	Maintenance of Traffic (5%)	LS	1	\$138,000	\$138,000
23	Erosion and Sediment Control (5%)	LS	1	\$138,000	\$138,000
24	Lighting	LS	0	\$0	\$0
LUMP SUM SUB-TOTAL					\$304,000
Subtotal					\$3,062,500
Unaccounted Items					\$459,375
Subtotal					\$3,521,875
CN Survey					\$176,094
Subtotal					\$3,697,969
Mobilization					\$214,898
CN Total (No CEI or Inflation)					\$3,912,867
CEI					\$782,573
Risk					\$782,573
Contract					\$195,643
CN Subtotal					\$4,695,441
2020 CN Total					\$4,695,441
2020 RW Total					\$3,538,150
2020 PE Total					\$1,220,815
2020 Total Cost Estimate					\$9,454,405

assumed curb/gutter + shared use path  
this was assumed as 2/3 of the project length (2.5 miles) due to the uneven terrain and was assumed 1' depth rootmat removal over Shared use path, and grass areas  
this was assumed as 1/3 of the project length (2.5 miles) due to the uneven terrain assumed 1' fill over disturbed area to lift sidewalk/path area to curb level + 16 SQFT per linear foot to tie in fill slope behind path assumed  
assumed per LF of curb and gutter  
assumed 2" SM, 3" IM, 4" BM, 6" agg; none for this alt  
assumed 2" asphalt surface + 4" agg  
assumed C+G along the Southern end of the Corridor From the Dominos to Austin Run Blvd to be conservative with the clearing zone needed for the SUP  
80' pedestrian bridge: \$500/SF  
assumed C&G length  
assumed one structure per 300' of C&G  
assumed 1.5 inches over new impervious area (clear and grub area) to manage/detain  
assumed  
no overhead sign structures; ground-mounted signs and PM only  
5% because of outfall area  
no ped lighting shown on the County plan  
such as landscaping,  
from PCES (utilities\* and ROW cost) plus assumed 30% (low risk RW)  
assumed 26%

## APPENDIX E-3: BENEFIT-COST RATIO CALCULATIONS

Benefit Cost Summary

			Present Value of 20-year Life Cycle Cost Benefits			
Intersection	Annual Delay Savings	Annual Crash Savings	Delay Reduction	Crash Reduction	Total Cost DRAFT Planning Level (PCES Cost Estimate)	Benefit Cost Ratio
	2035	2035			2035	
Route 1 and I-95 On ramps	-\$668,127	\$193,164	-\$9,940,043	\$3,357,725	\$9,112,322	(0.72)
Route 1 and Garrisonville Rd Quadrant Intersection	\$8,069,755	\$280,384	\$120,057,577	\$4,873,844	\$40,127,679	3.11
Route 1 and Forston Woods	\$972,350	\$117,644	\$14,466,113	\$2,044,971	\$4,808,419	3.43
Route 1 and Coal Landing/Bells Hill and Austin Run Blvd	\$4,443,960	\$11,929	\$66,114,903	\$207,354	\$6,329,017	10.48
Corridor-Wide	\$0	\$14,064	\$0	\$244,462	\$15,400,281	0.02
Sum	\$12,817,938	\$617,185	\$190,698,550	\$10,728,357	\$75,777,719	2.66