

Appendix E

SIMTRAFFIC REPORTS

- 2022 Existing PM Peak Hour
- 2050 Alternative 1 Improved ParClo Dual Lefts EB Off-ramp AM & PM Peak Hour
- 2050 Alternative 1 Improved ParClo Triple Lefts EB Off-ramp AM & PM Peak Hour
- 2050 Alternative 2 Port Ramps with Improved ParClo Dual Lefts EB Off-ramp AM & PM Peak Hour
- 2050 Alternative 2 Port Ramps with Improved ParClo Triple Lefts EB Off-ramp AM & PM Peak Hour
- 2050 Alternative 5 Flyover 2050 Dual Lefts EB Off-ramp AM & PM Peak Hour
- 2050 Alternative 5 Flyover 2050 Triple Lefts EB Off-ramp AM & PM Peak Hour

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2022 Existing
PM Peak Hour

Summary of All Intervals

Run Number	1	2	3	4	5	Avg
Start Time	4:45	4:45	4:45	4:45	4:45	4:45
End Time	6:00	6:00	6:00	6:00	6:00	6:00
Total Time (min)	75	75	75	75	75	75
Time Recorded (min)	60	60	60	60	60	60
# of Intervals	2	2	2	2	2	2
# of Recorded Intervals	1	1	1	1	1	1
Vehs Entered	12505	12351	12145	13068	12795	12572
Vehs Exited	12259	12200	11941	12866	12587	12371
Starting Vehs	501	541	584	464	551	525
Ending Vehs	747	692	788	666	759	729
Denied Entry Before	117	91	71	118	148	107
Denied Entry After	2109	2365	2665	1830	1877	2167
Travel Distance (mi)	5870	5815	5703	6259	6058	5941
Travel Time (hr)	1526.7	1968.6	1932.8	1554.6	1648.2	1726.2
Total Delay (hr)	1340.0	1783.9	1751.0	1356.6	1455.5	1537.4
Total Stops	18478	18069	17801	19361	19083	18563
Fuel Used (gal)	520.2	612.8	601.4	538.7	553.4	565.3

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60
Volumes adjusted by Growth Factors.	

Run Number	1	2	3	4	5	Avg
Vehs Entered	12505	12351	12145	13068	12795	12572
Vehs Exited	12259	12200	11941	12866	12587	12371
Starting Vehs	501	541	584	464	551	525
Ending Vehs	747	692	788	666	759	729
Denied Entry Before	117	91	71	118	148	107
Denied Entry After	2109	2365	2665	1830	1877	2167
Travel Distance (mi)	5870	5815	5703	6259	6058	5941
Travel Time (hr)	1526.7	1968.6	1932.8	1554.6	1648.2	1726.2
Total Delay (hr)	1340.0	1783.9	1751.0	1356.6	1455.5	1537.4
Total Stops	18478	18069	17801	19361	19083	18563
Fuel Used (gal)	520.2	612.8	601.4	538.7	553.4	565.3

2: Performance by movement

Movement	WBT	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.0	0.0
Total Del/Veh (s)	0.0	0.0
Stop Delay (hr)	0.0	0.0
Stop/Veh	0.00	0.00
Travel Dist (mi)	3.4	3.4
Travel Time (hr)	0.1	0.1
Avg Speed (mph)	35	35
Fuel Eff. (mpg)	33.7	33.7
Vehicles Entered	43	43
Vehicles Exited	43	43
Hourly Exit Rate	43	43
Input Volume	55	55
% of Volume	78	78
Denied Entry Before	0	0
Denied Entry After	0	0

4: Performance by movement

Movement	WBT	All
Denied Delay (hr)	0.0	0.0
Denied Del/Veh (s)	0.0	0.0
Total Delay (hr)	0.0	0.0
Total Del/Veh (s)	0.2	0.2
Stop Delay (hr)	0.0	0.0
Stop/Veh	0.00	0.00
Travel Dist (mi)	15.3	15.3
Travel Time (hr)	0.4	0.4
Avg Speed (mph)	34	34
Fuel Eff. (mpg)	33.4	33.4
Vehicles Entered	97	97
Vehicles Exited	97	97
Hourly Exit Rate	97	97
Input Volume	132	132
% of Volume	73	73
Denied Entry Before	0	0
Denied Entry After	0	0

7: Island Park Dr. & Seven Farms Dr. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.0
Denied Del/Veh (s)	2.1	0.2	0.3	4.0	0.1	0.2	1.2	0.1	0.0	3.5	0.1	0.2
Total Delay (hr)	0.8	1.7	0.7	0.1	0.3	0.1	7.1	0.7	0.0	0.4	0.9	0.2
Total Del/Veh (s)	17.3	12.4	8.1	23.3	9.4	3.1	70.9	16.1	8.2	19.7	16.1	5.3
Stop Delay (hr)	0.6	1.1	0.4	0.1	0.2	0.1	6.4	0.5	0.0	0.3	0.6	0.1
Stop/Veh	0.67	0.47	0.52	0.81	0.47	0.48	1.15	0.60	0.62	0.71	0.58	0.67
Travel Dist (mi)	47.0	136.8	82.2	2.9	16.4	16.3	131.4	60.7	4.8	8.9	26.5	15.6
Travel Time (hr)	2.3	5.6	3.3	0.3	1.0	0.8	11.4	2.6	0.2	0.7	1.6	0.7
Avg Speed (mph)	21	24	25	11	17	20	12	23	26	14	16	21
Fuel Eff. (mpg)	32.8	34.5	37.3	24.1	29.5	34.2	22.2	28.0	30.8	24.1	25.8	32.4
Vehicles Entered	164	475	286	20	114	114	349	160	13	65	191	112
Vehicles Exited	164	477	286	20	114	114	347	160	13	64	191	112
Hourly Exit Rate	164	477	286	20	114	114	347	160	13	64	191	112
Input Volume	165	486	289	20	110	107	352	164	13	68	185	113
% of Volume	99	98	99	100	104	107	99	98	100	94	103	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

7: Island Park Dr. & Seven Farms Dr. Performance by movement

Movement	All
Denied Delay (hr)	0.4
Denied Del/Veh (s)	0.6
Total Delay (hr)	12.8
Total Del/Veh (s)	22.1
Stop Delay (hr)	10.5
Stop/Veh	0.65
Travel Dist (mi)	549.5
Travel Time (hr)	30.6
Avg Speed (mph)	18
Fuel Eff. (mpg)	29.1
Vehicles Entered	2063
Vehicles Exited	2062
Hourly Exit Rate	2062
Input Volume	2072
% of Volume	100
Denied Entry Before	0
Denied Entry After	0

8: River Landing Dr. & Island Park Dr. Performance by movement

Movement	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
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.1
Total Delay (hr)	7.0	0.0	0.5	0.2	0.0	1.3	0.3	9.2
Total Del/Veh (s)	136.8	1.4	6.2	1.6	1.8	16.1	3.0	19.9
Stop Delay (hr)	6.9	0.0	0.3	0.0	0.0	0.7	0.0	7.9
Stop/Veh	0.93	0.00	0.98	0.00	0.02	0.71	0.00	0.38
Travel Dist (mi)	77.8	15.1	119.0	135.5	15.9	73.5	77.9	514.8
Travel Time (hr)	9.4	0.5	4.3	4.1	0.5	3.7	2.6	25.2
Avg Speed (mph)	8	30	27	33	30	20	30	20
Fuel Eff. (mpg)	19.1	24.2	30.4	33.4	39.9	25.3	25.9	27.1
Vehicles Entered	171	65	264	492	59	287	305	1643
Vehicles Exited	176	65	262	494	59	289	307	1652
Hourly Exit Rate	176	65	262	494	59	289	307	1652
Input Volume	169	64	265	508	59	294	319	1678
% of Volume	104	102	99	97	100	98	96	98
Denied Entry Before	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0

9: River Landing Dr. & Fairchild St. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	51.5	7.1	19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	405.5	416.6	407.5	3.5	0.4	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	14.1	0.6	1.4	0.1	1.3	2.1	0.8	6.0	0.0	5.5	4.5	0.1
Total Del/Veh (s)	132.6	44.5	35.8	43.8	56.4	43.0	28.8	32.5	2.8	180.5	36.0	6.2
Stop Delay (hr)	13.1	0.5	1.2	0.1	1.1	1.9	0.6	4.0	0.0	5.5	3.9	0.0
Stop/Veh	1.29	0.55	0.53	0.90	0.87	0.89	0.84	0.64	0.62	1.01	0.73	0.74
Travel Dist (mi)	28.9	4.0	10.8	1.3	10.9	23.8	25.9	166.3	2.0	6.8	29.1	2.3
Travel Time (hr)	66.7	7.8	21.3	0.2	1.6	3.0	1.7	11.0	0.1	5.8	5.3	0.2
Avg Speed (mph)	2	5	6	8	7	8	15	15	27	1	5	14
Fuel Eff. (mpg)	1.8	2.0	2.1	15.9	17.1	18.7	25.3	25.8	31.0	4.8	15.6	32.0
Vehicles Entered	370	50	137	10	81	176	100	647	8	103	444	35
Vehicles Exited	371	50	138	9	81	175	101	646	8	106	444	35
Hourly Exit Rate	371	50	138	9	81	175	101	646	8	106	444	35
Input Volume	453	61	165	11	85	174	103	661	9	110	436	36
% of Volume	82	82	84	82	95	101	98	98	89	96	102	97
Denied Entry Before	13	2	4	0	0	0	0	0	0	0	0	0
Denied Entry After	87	11	35	0	0	0	0	0	0	0	0	0

9: River Landing Dr. & Fairchild St. Performance by movement

Movement	All
Denied Delay (hr)	78.0
Denied Del/Veh (s)	122.5
Total Delay (hr)	36.6
Total Del/Veh (s)	59.5
Stop Delay (hr)	31.9
Stop/Veh	0.82
Travel Dist (mi)	312.2
Travel Time (hr)	124.7
Avg Speed (mph)	7
Fuel Eff. (mpg)	8.6
Vehicles Entered	2161
Vehicles Exited	2164
Hourly Exit Rate	2164
Input Volume	2304
% of Volume	94
Denied Entry Before	19
Denied Entry After	133

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	1.0	78.5	0.9	0.0	0.0	0.0	0.0	0.0	0.4	147.0	1.4	8.5
Denied Del/Veh (s)	292.3	513.7	529.2	0.0	0.0	0.0	10.7	11.2	12.3	941.6	854.2	895.0
Total Delay (hr)	0.2	18.1	0.2	1.6	1.7	0.6	0.3	0.1	6.3	23.5	0.4	1.2
Total Del/Veh (s)	60.6	172.4	217.0	48.3	14.7	6.9	110.7	100.7	180.7	311.6	459.2	288.9
Stop Delay (hr)	0.1	17.2	0.2	1.5	1.3	0.5	0.3	0.1	6.3	22.9	0.4	1.2
Stop/Veh	1.10	0.75	0.67	0.87	0.42	0.69	1.33	1.33	0.94	1.11	1.00	1.00
Travel Dist (mi)	0.9	28.9	0.3	8.0	28.5	20.3	0.9	0.3	12.5	24.8	0.3	1.3
Travel Time (hr)	1.2	97.5	1.1	1.9	2.4	1.5	0.3	0.1	7.2	171.3	1.8	9.7
Avg Speed (mph)	4	2	1	4	12	14	3	3	2	1	1	1
Fuel Eff. (mpg)	3.1	1.3	1.0	14.3	24.7	45.1	9.3	9.4	6.4	0.6	0.7	0.6
Vehicles Entered	10	368	3	120	424	300	9	3	125	247	3	13
Vehicles Exited	10	362	3	120	425	300	9	3	118	246	3	13
Hourly Exit Rate	10	362	3	120	425	300	9	3	118	246	3	13
Input Volume	21	878	9	152	541	364	12	3	128	547	7	28
% of Volume	48	41	33	79	79	82	75	100	92	45	43	46
Denied Entry Before	0	3	0	0	0	0	0	0	0	3	0	0
Denied Entry After	2	182	3	0	0	0	0	0	3	315	3	21

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	237.7
Denied Del/Veh (s)	397.3
Total Delay (hr)	54.1
Total Del/Veh (s)	117.1
Stop Delay (hr)	52.0
Stop/Veh	0.74
Travel Dist (mi)	127.0
Travel Time (hr)	296.0
Avg Speed (mph)	2
Fuel Eff. (mpg)	1.8
Vehicles Entered	1625
Vehicles Exited	1612
Hourly Exit Rate	1612
Input Volume	2690
% of Volume	60
Denied Entry Before	6
Denied Entry After	529

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	113.8	33.8	147.6
Denied Del/Veh (s)	0.1	0.0	0.0	349.2	356.8	191.1
Total Delay (hr)	17.2	0.6	3.6	36.9	3.8	62.0
Total Del/Veh (s)	132.7	8.4	21.9	146.3	52.0	90.6
Stop Delay (hr)	15.6	0.4	2.9	32.5	3.0	54.3
Stop/Veh	1.05	0.70	0.57	1.20	0.46	0.90
Travel Dist (mi)	37.4	20.0	23.9	128.7	32.8	242.9
Travel Time (hr)	18.0	1.4	4.1	155.3	38.7	217.5
Avg Speed (mph)	2	15	6	3	7	3
Fuel Eff. (mpg)	7.8	34.6	17.1	3.3	3.6	4.4
Vehicles Entered	447	238	581	893	258	2417
Vehicles Exited	446	239	579	867	256	2387
Hourly Exit Rate	446	239	579	867	256	2387
Input Volume	948	528	697	1167	353	3693
% of Volume	47	45	83	74	73	65
Denied Entry Before	0	0	0	1	0	1
Denied Entry After	0	0	0	280	83	363

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	NBR	All
Denied Delay (hr)	0.0	0.0	140.0	268.4	408.4
Denied Del/Veh (s)	0.0	0.0	1504.0	1531.5	516.4
Total Delay (hr)	5.3	0.7	1.7	17.6	25.2
Total Del/Veh (s)	18.6	2.8	67.0	329.4	41.8
Stop Delay (hr)	4.3	0.3	1.6	17.6	23.7
Stop/Veh	0.21	0.11	1.01	0.30	0.21
Travel Dist (mi)	31.4	41.9	7.2	12.8	93.4
Travel Time (hr)	6.0	1.6	141.9	286.5	436.0
Avg Speed (mph)	5	26	4	1	3
Fuel Eff. (mpg)	12.9	16.7	0.2	0.2	0.9
Vehicles Entered	1013	868	87	173	2141
Vehicles Exited	1011	866	85	174	2136
Hourly Exit Rate	1011	866	85	174	2136
Input Volume	1628	842	298	575	3343
% of Volume	62	103	29	30	64
Denied Entry Before	0	0	29	50	79
Denied Entry After	0	0	248	458	706

13: Belle Hall Pkwy. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBT	SBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	2.7	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2
Total Delay (hr)	6.4	0.3	0.0	5.8	0.5	0.0	0.0	0.3	13.3
Total Del/Veh (s)	130.4	1.3	1.5	14.7	12.5	1.2	5.0	4.3	15.6
Stop Delay (hr)	6.3	0.0	0.0	0.5	0.0	0.0	0.0	0.2	7.0
Stop/Veh	0.96	0.00	0.00	0.13	0.12	0.00	0.00	0.16	0.13
Travel Dist (mi)	7.2	38.2	4.0	221.2	19.2	1.8	0.1	27.3	319.0
Travel Time (hr)	6.8	1.2	0.2	11.3	1.1	0.1	0.0	1.5	22.1
Avg Speed (mph)	1	32	18	20	18	18	17	19	15
Fuel Eff. (mpg)	4.0	12.1	43.9	22.3	25.4	61.2	17.6	28.2	19.1
Vehicles Entered	169	903	118	1401	129	53	2	274	3049
Vehicles Exited	170	902	118	1395	128	53	2	275	3043
Hourly Exit Rate	170	902	118	1395	128	53	2	275	3043
Input Volume	327	1659	222	1390	119	56	2	275	4050
% of Volume	52	54	53	100	108	95	100	100	75
Denied Entry Before	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0

14: Belle Hall Pkwy. & Seacoast Pkwy. 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	0.1	0.1	0.0	0.3	3.7	0.2
Total Delay (hr)	0.1	0.0	0.1	0.2	0.0	0.0	0.4
Total Del/Veh (s)	7.0	0.9	4.6	2.8	0.2	0.0	2.1
Stop Delay (hr)	0.1	0.0	0.0	0.1	0.0	0.0	0.2
Stop/Veh	0.98	0.06	0.29	0.15	0.00	0.00	0.15
Travel Dist (mi)	5.5	8.7	6.9	24.9	19.8	1.7	67.6
Travel Time (hr)	0.3	0.3	0.4	1.4	0.8	0.1	3.3
Avg Speed (mph)	21	26	17	18	24	22	21
Fuel Eff. (mpg)	37.8	42.8	21.0	20.9	32.8	35.3	26.8
Vehicles Entered	41	65	65	237	209	18	635
Vehicles Exited	40	65	65	236	209	18	633
Hourly Exit Rate	40	65	65	236	209	18	633
Input Volume	37	68	102	348	207	16	778
% of Volume	108	96	64	68	101	112	81
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.0	0.0	0.2	0.7	0.0	1.2	0.2	0.6	0.1	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.0	4.1	2.3	1.3	14.2	10.2	16.4	3.4	0.6	3.5
Total Delay (hr)	0.7	4.5	0.3	1.3	16.2	0.4	6.6	0.6	0.6	0.9	0.6	0.4
Total Del/Veh (s)	29.3	21.5	6.9	30.0	50.5	51.5	76.7	35.9	15.7	32.6	29.5	17.0
Stop Delay (hr)	0.6	3.0	0.1	0.9	10.6	0.3	6.2	0.6	0.5	0.8	0.5	0.4
Stop/Veh	0.94	0.53	0.56	0.97	0.95	1.00	1.10	0.83	0.68	0.80	0.72	0.66
Travel Dist (mi)	12.6	112.1	21.8	23.9	177.4	4.5	24.4	5.1	10.2	21.6	15.7	21.7
Travel Time (hr)	1.1	7.0	1.0	2.1	20.9	0.6	8.8	1.0	1.6	1.6	1.0	1.3
Avg Speed (mph)	12	16	22	12	9	8	3	6	10	14	15	19
Fuel Eff. (mpg)	27.2	28.0	36.6	20.4	19.2	20.2	9.3	13.9	16.7	26.7	28.7	30.6
Vehicles Entered	82	730	142	152	1127	28	302	63	125	94	69	94
Vehicles Exited	82	737	142	151	1128	28	305	63	125	93	68	94
Hourly Exit Rate	82	737	142	151	1128	28	305	63	125	93	68	94
Input Volume	145	1313	254	155	1090	28	316	56	127	95	69	99
% of Volume	57	56	56	97	103	100	97	112	98	98	99	95
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	3.0
Denied Del/Veh (s)	3.6
Total Delay (hr)	32.9
Total Del/Veh (s)	38.6
Stop Delay (hr)	24.5
Stop/Veh	0.81
Travel Dist (mi)	450.9
Travel Time (hr)	48.0
Avg Speed (mph)	10
Fuel Eff. (mpg)	21.1
Vehicles Entered	3008
Vehicles Exited	3016
Hourly Exit Rate	3016
Input Volume	3747
% of Volume	80
Denied Entry Before	0
Denied Entry After	0

18: Chuck Dawley Blvd. & Bowman Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.1	0.0	0.3	19.0	25.0	16.3	0.2	0.1	0.0	2.5	10.7	0.6
Denied Del/Veh (s)	2.8	0.4	2.9	350.8	319.7	323.4	2.7	0.5	0.7	39.6	37.4	37.8
Total Delay (hr)	0.9	3.8	1.9	33.0	3.2	0.7	2.8	8.4	1.7	6.7	28.7	1.5
Total Del/Veh (s)	30.8	34.3	18.5	707.6	52.2	16.7	36.5	33.6	29.7	107.0	101.4	98.2
Stop Delay (hr)	0.8	3.1	1.6	33.4	2.7	0.5	2.3	5.6	1.3	6.1	24.1	1.3
Stop/Veh	0.84	0.81	0.81	0.35	1.03	0.65	1.00	0.76	0.84	1.45	1.32	1.26
Travel Dist (mi)	17.3	65.9	60.2	20.5	33.1	21.3	24.0	79.6	18.3	21.2	97.5	5.1
Travel Time (hr)	1.6	5.8	4.3	52.7	29.1	17.8	3.9	10.3	2.5	9.9	41.6	2.2
Avg Speed (mph)	12	11	15	1	8	15	7	8	7	3	3	3
Fuel Eff. (mpg)	22.9	23.6	26.0	1.6	4.4	4.7	16.2	18.4	19.3	7.4	8.0	8.1
Vehicles Entered	103	397	367	146	215	139	274	890	203	221	1008	53
Vehicles Exited	103	398	368	131	218	141	275	890	203	219	992	52
Hourly Exit Rate	103	398	368	131	218	141	275	890	203	219	992	52
Input Volume	107	395	375	196	284	182	274	881	210	219	1047	55
% of Volume	96	101	98	67	77	77	100	101	97	100	95	95
Denied Entry Before	0	0	0	0	0	0	1	1	0	0	0	0
Denied Entry After	0	0	0	49	66	43	0	0	0	5	23	0

18: Chuck Dawley Blvd. & Bowman Rd. Performance by movement

Movement	All
Denied Delay (hr)	74.9
Denied Del/Veh (s)	64.1
Total Delay (hr)	93.3
Total Del/Veh (s)	82.1
Stop Delay (hr)	83.1
Stop/Veh	0.97
Travel Dist (mi)	464.1
Travel Time (hr)	181.7
Avg Speed (mph)	4
Fuel Eff. (mpg)	8.8
Vehicles Entered	4016
Vehicles Exited	3990
Hourly Exit Rate	3990
Input Volume	4225
% of Volume	94
Denied Entry Before	2
Denied Entry After	186

21: Hidden Blvd./Shipping Ln. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBL	SBR	All
Denied Delay (hr)	0.4	34.3	0.4	0.0	0.0	0.0	0.1	2.7	15.6	1.8	55.3
Denied Del/Veh (s)	107.0	318.3	342.5	0.0	0.0	0.1	84.0	124.3	583.5	729.8	188.2
Total Delay (hr)	0.4	17.0	0.2	0.7	0.1	0.0	0.6	7.1	6.7	0.4	33.2
Total Del/Veh (s)	118.2	204.8	244.8	34.8	0.6	0.6	458.1	421.0	448.1	325.3	131.9
Stop Delay (hr)	0.3	16.5	0.2	0.6	0.0	0.0	0.6	7.2	6.7	0.4	32.6
Stop/Veh	0.73	0.54	0.33	0.36	0.00	0.00	0.80	0.72	0.65	0.50	0.31
Travel Dist (mi)	1.0	26.3	0.2	9.5	40.5	3.9	0.3	3.4	2.2	0.1	87.3
Travel Time (hr)	0.8	52.1	0.6	1.0	1.2	0.1	0.8	10.0	22.4	2.2	91.1
Avg Speed (mph)	2	1	1	10	33	26	0	0	0	0	2
Fuel Eff. (mpg)	5.7	2.3	1.6	25.3	35.2	46.0	1.4	1.5	0.4	0.4	4.0
Vehicles Entered	11	299	3	70	362	32	5	61	53	4	900
Vehicles Exited	10	275	3	70	362	33	4	48	44	3	852
Hourly Exit Rate	10	275	3	70	362	33	4	48	44	3	852
Input Volume	14	511	4	92	467	41	4	74	99	7	1313
% of Volume	71	54	75	76	78	80	100	65	44	43	65
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	2	89	1	0	0	0	1	16	43	5	157

22: Wando Ln. & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBL	WBT	NBR	All
Denied Delay (hr)	28.0	0.1	0.0	0.0	0.0	28.1
Denied Del/Veh (s)	277.0	113.5	0.0	0.0	0.1	156.7
Total Delay (hr)	4.4	0.0	0.0	0.0	1.1	5.5
Total Del/Veh (s)	57.8	51.7	2.7	0.1	147.8	36.1
Stop Delay (hr)	4.3	0.0	0.0	0.0	1.1	5.4
Stop/Veh	0.21	0.50	0.25	0.00	1.00	0.16
Travel Dist (mi)	10.0	0.1	1.3	19.3	1.6	32.3
Travel Time (hr)	32.7	0.1	0.1	0.6	1.2	34.6
Avg Speed (mph)	2	2	24	34	1	5
Fuel Eff. (mpg)	1.8	2.6	43.9	35.0	5.5	4.9
Vehicles Entered	272	2	12	240	27	553
Vehicles Exited	265	2	12	240	22	541
Hourly Exit Rate	265	2	12	240	22	541
Input Volume	359	1	16	313	30	719
% of Volume	74	200	75	77	73	75
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	92	0	0	0	0	92

23: Lone Tree Dr & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBL	WBT	NBL	NBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.0	0.0	0.0	0.1	0.1	0.1
Total Delay (hr)	10.2	0.0	0.1	1.7	0.3	0.4	12.7
Total Del/Veh (s)	53.9	10.1	31.8	7.4	66.7	76.4	29.3
Stop Delay (hr)	9.0	0.0	0.1	0.3	0.3	0.4	10.0
Stop/Veh	0.44	0.25	0.73	0.14	1.00	0.95	0.29
Travel Dist (mi)	47.9	0.3	0.9	69.3	1.4	1.7	121.6
Travel Time (hr)	11.8	0.0	0.1	3.6	0.3	0.5	16.4
Avg Speed (mph)	4	11	7	19	4	4	7
Fuel Eff. (mpg)	10.1	19.1	15.2	14.0	13.4	12.2	12.1
Vehicles Entered	672	4	11	825	15	18	1545
Vehicles Exited	667	4	11	825	14	17	1538
Hourly Exit Rate	667	4	11	825	14	17	1538
Input Volume	1456	10	15	1037	16	20	2554
% of Volume	46	40	73	80	88	85	60
Denied Entry Before	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0

41: Long Point Rd. & Long Point/I-526 EB onramp Performance by movement

Movement	EBT	WBT	WBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.0	0.1
Total Delay (hr)	6.9	0.6	0.2	7.8
Total Del/Veh (s)	18.8	3.8	2.3	12.2
Stop Delay (hr)	5.1	0.1	0.0	5.2
Stop/Veh	0.35	0.05	0.00	0.22
Travel Dist (mi)	56.2	109.2	69.0	234.4
Travel Time (hr)	9.1	3.1	2.3	14.5
Avg Speed (mph)	6	36	30	16
Fuel Eff. (mpg)	13.8	37.9	40.1	27.0
Vehicles Entered	1315	584	367	2266
Vehicles Exited	1315	584	368	2267
Hourly Exit Rate	1315	584	368	2267
Input Volume	2117	699	443	3259
% of Volume	62	84	83	70
Denied Entry Before	0	0	0	0
Denied Entry After	0	0	0	0

49: I-526 WB On-Ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	All
Denied Delay (hr)	0.1	0.9	0.0	0.9
Denied Del/Veh (s)	0.2	10.7	0.0	1.5
Total Delay (hr)	37.8	4.5	0.2	42.5
Total Del/Veh (s)	127.9	54.4	0.7	66.0
Stop Delay (hr)	30.2	2.9	0.0	33.1
Stop/Veh	1.33	0.53	0.00	0.68
Travel Dist (mi)	192.0	53.0	28.3	273.3
Travel Time (hr)	42.2	7.0	0.9	50.1
Avg Speed (mph)	5	9	32	6
Fuel Eff. (mpg)	12.4	17.6	19.4	13.7
Vehicles Entered	1036	293	955	2284
Vehicles Exited	1024	292	953	2269
Hourly Exit Rate	1024	292	953	2269
Input Volume	1645	485	1143	3273
% of Volume	62	60	83	69
Denied Entry Before	0	0	0	0
Denied Entry After	0	1	0	1

54: Long Point Rd. & I-526 WB On-Ramp Performance by movement

Movement	EBT	WBT	WBR	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)	14.3	0.7	0.8	15.9
Total Del/Veh (s)	43.0	2.9	3.8	19.9
Stop Delay (hr)	13.1	0.1	0.1	13.3
Stop/Veh	0.17	0.13	0.24	0.18
Travel Dist (mi)	56.1	35.3	32.4	123.7
Travel Time (hr)	15.8	1.7	2.6	20.1
Avg Speed (mph)	4	21	12	6
Fuel Eff. (mpg)	9.3	15.4	21.4	12.5
Vehicles Entered	1185	875	797	2857
Vehicles Exited	1184	875	798	2857
Hourly Exit Rate	1184	875	798	2857
Input Volume	2203	848	819	3870
% of Volume	54	103	97	74
Denied Entry Before	0	0	0	0
Denied Entry After	0	0	0	0

Total Network Performance

Denied Delay (hr)	1036.5
Denied Del/Veh (s)	253.2
Total Delay (hr)	500.9
Total Del/Veh (s)	137.7
Stop Delay (hr)	431.5
Stop/Veh	1.42
Travel Dist (mi)	5941.0
Travel Time (hr)	1726.2
Avg Speed (mph)	9
Fuel Eff. (mpg)	10.5
Vehicles Entered	12572
Vehicles Exited	12371
Hourly Exit Rate	12371
Input Volume	61880
% of Volume	20
Denied Entry Before	107
Denied Entry After	2167

Intersection: 2:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 4:

Movement

Directions Served
Maximum Queue (ft)
Average Queue (ft)
95th Queue (ft)
Link Distance (ft)
Upstream Blk Time (%)
Queuing Penalty (veh)
Storage Bay Dist (ft)
Storage Blk Time (%)
Queuing Penalty (veh)

Intersection: 7: Island Park Dr. & Seven Farms Dr.

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	T	TR	L	T	TR
Maximum Queue (ft)	130	160	192	50	81	89	340	524	351	70	93	94
Average Queue (ft)	65	88	102	14	36	39	225	114	57	28	42	37
95th Queue (ft)	115	138	166	42	72	74	371	404	182	57	80	80
Link Distance (ft)		1514	1514		756	756		2321	2321		721	721
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	230			125			240			120		
Storage Blk Time (%)							26				0	
Queuing Penalty (veh)							22				0	

Intersection: 8: River Landing Dr. & Island Park Dr.

Movement	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	R	T	TR	L	T	T
Maximum Queue (ft)	410	94	40	17	281	6	6
Average Queue (ft)	214	50	2	1	99	0	0
95th Queue (ft)	389	79	17	9	205	4	4
Link Distance (ft)	2321	2321	1449	1449		1283	1283
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)					245		
Storage Blk Time (%)					1		
Queuing Penalty (veh)					1		

Intersection: 9: River Landing Dr. & Fairchild St.

Movement	EB	EB	WB	WB	NB	NB	NB	SB	SB	SB	SB	B69
Directions Served	L	TR	L	TR	L	T	R	L	T	T	R	T
Maximum Queue (ft)	280	447	42	299	340	569	50	282	363	301	139	325
Average Queue (ft)	279	423	8	161	93	316	4	158	196	131	22	62
95th Queue (ft)	282	433	30	280	260	483	25	296	358	266	77	275
Link Distance (ft)		406		705		1283	1283		282	282		353
Upstream Blk Time (%)		74						5	14	1	0	8
Queuing Penalty (veh)		0						0	0	0	0	0
Storage Bay Dist (ft)	180		225		240			210			190	
Storage Blk Time (%)	79	0		4		17		26	6	3		
Queuing Penalty (veh)	179	1		0		18		56	7	1		

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	B66	WB	WB	WB	WB	NB	NB	SB
Directions Served	L	T	TR	T	T	L	T	T	R	LT	R	L
Maximum Queue (ft)	138	538	540	714	674	165	222	208	170	504	200	300
Average Queue (ft)	17	367	478	500	538	80	75	84	73	172	110	230
95th Queue (ft)	75	677	616	926	944	177	180	168	137	468	213	419
Link Distance (ft)		426	426	657	657		301	301	301	539		
Upstream Blk Time (%)		41	81	36	61	1	2	0		6		
Queuing Penalty (veh)		139	274	122	208	0	8	0		0		
Storage Bay Dist (ft)	150					525					100	200
Storage Blk Time (%)		11				1	2			15	34	7
Queuing Penalty (veh)		2				2	4			19	5	21

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB
Directions Served	LTR
Maximum Queue (ft)	572
Average Queue (ft)	538
95th Queue (ft)	561
Link Distance (ft)	523
Upstream Blk Time (%)	91
Queuing Penalty (veh)	0
Storage Bay Dist (ft)	
Storage Blk Time (%)	94
Queuing Penalty (veh)	257

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	EB	WB	WB	SB	SB	SB
Directions Served	T	T	R	T	T	L	L	R
Maximum Queue (ft)	426	448	358	160	172	788	825	500
Average Queue (ft)	310	391	91	110	128	676	732	376
95th Queue (ft)	506	469	274	168	182	974	974	732
Link Distance (ft)	388	388	388	151	151	768	768	
Upstream Blk Time (%)	19	69	3	3	6	16	60	
Queuing Penalty (veh)	94	337	15	11	19	0	0	
Storage Bay Dist (ft)								400
Storage Blk Time (%)							71	
Queuing Penalty (veh)							250	

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	NB	NB	NB
Directions Served	T	T	T	T	L	L	R
Maximum Queue (ft)	109	161	122	149	389	459	480
Average Queue (ft)	87	83	27	49	46	388	455
95th Queue (ft)	132	159	88	134	185	627	471
Link Distance (ft)	95	95	192	192	442	442	442
Upstream Blk Time (%)	62	33	0	0	0	55	98
Queuing Penalty (veh)	502	267	0	0	0	0	0
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 13: Belle Hall Pkwy. & Long Point Rd.

Movement	EB	WB	WB	NB	SB
Directions Served	L	T	TR	R	R
Maximum Queue (ft)	177	207	513	22	22
Average Queue (ft)	161	8	106	1	1
95th Queue (ft)	172	114	314	11	15
Link Distance (ft)	158	751	751	213	497
Upstream Blk Time (%)	74	0	0		
Queuing Penalty (veh)	544	0	1		
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 14: Belle Hall Pkwy. & Seacoast Pkwy.

Movement	EB	EB	NB
Directions Served	L	R	L
Maximum Queue (ft)	47	37	51
Average Queue (ft)	15	3	10
95th Queue (ft)	32	22	37
Link Distance (ft)	705	705	
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)			240
Storage Blk Time (%)			
Queuing Penalty (veh)			

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	TR	L	T	R	L	T
Maximum Queue (ft)	111	252	280	76	220	783	810	275	435	178	116	104
Average Queue (ft)	47	125	142	34	76	421	509	207	162	43	54	39
95th Queue (ft)	95	243	264	72	167	808	854	305	447	121	104	83
Link Distance (ft)		751	751			825	825		420			1211
Upstream Blk Time (%)						3	7		12			
Queuing Penalty (veh)						0	0		0			
Storage Bay Dist (ft)	190			210	175			175		185	150	
Storage Blk Time (%)		2	2			7		35	0		0	0
Queuing Penalty (veh)		3	6			10		65	0		0	0

Intersection: 15: Belle Point & Long Point Rd.

Movement	SB
Directions Served	R
Maximum Queue (ft)	112
Average Queue (ft)	39
95th Queue (ft)	84
Link Distance (ft)	
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	175
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 18: Chuck Dawley Blvd. & Bowman Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	T	T	R	L	T	T	R	L	T	TR	L
Maximum Queue (ft)	102	191	217	217	275	823	828	168	250	419	433	300
Average Queue (ft)	37	117	90	116	275	774	592	50	145	226	234	277
95th Queue (ft)	82	181	176	202	276	968	1086	114	259	354	360	371
Link Distance (ft)		862	862			800	800			443	443	
Upstream Blk Time (%)						75	8			1	0	
Queuing Penalty (veh)						0	0			0	0	
Storage Bay Dist (ft)	255			150	175			150	150			200
Storage Blk Time (%)			1	5	100	0	3	0	7	20		15
Queuing Penalty (veh)			3	10	142	0	6	0	30	54		81

Intersection: 18: Chuck Dawley Blvd. & Bowman Rd.

Movement	SB	SB
Directions Served	T	TR
Maximum Queue (ft)	537	539
Average Queue (ft)	482	466
95th Queue (ft)	615	624
Link Distance (ft)	498	498
Upstream Blk Time (%)	50	43
Queuing Penalty (veh)	0	0
Storage Bay Dist (ft)		
Storage Blk Time (%)	63	
Queuing Penalty (veh)	138	

Intersection: 21: Hidden Blvd./Shipping Ln. & Long Point Rd.

Movement	EB	EB	EB	B74	B74	WB	WB	NB	SB
Directions Served	L	T	TR	T	T	L	T	LTR	LTR
Maximum Queue (ft)	241	591	596	576	557	131	88	353	272
Average Queue (ft)	22	401	408	319	319	29	9	202	182
95th Queue (ft)	126	809	808	725	722	111	100	421	324
Link Distance (ft)		478	478	527	527		657	324	
Upstream Blk Time (%)		57	66	40	41			39	
Queuing Penalty (veh)		111	128	79	79			0	
Storage Bay Dist (ft)	150					150			
Storage Blk Time (%)	0	45				4			
Queuing Penalty (veh)	0	6				6			

Intersection: 22: Wando Ln. & Long Point Rd.

Movement	EB	EB	WB	NB
Directions Served	T	TR	L	LR
Maximum Queue (ft)	244	247	40	189
Average Queue (ft)	111	109	3	45
95th Queue (ft)	292	293	20	144
Link Distance (ft)				338
Upstream Blk Time (%)				0
Queuing Penalty (veh)				0
Storage Bay Dist (ft)			100	
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 23: Lone Tree Dr & Long Point Rd.

Movement	EB	EB	EB	WB	WB	WB	WB	NB
Directions Served	T	T	TR	L	T	T	T	LR
Maximum Queue (ft)	378	336	200	51	78	219	95	108
Average Queue (ft)	222	270	106	7	6	12	6	37
95th Queue (ft)	441	429	270	30	82	119	96	83
Link Distance (ft)	301	301			388	388	388	501
Upstream Blk Time (%)	29	48			0		0	
Queuing Penalty (veh)	213	349			0		1	
Storage Bay Dist (ft)			100	160				
Storage Blk Time (%)		72	0		1			
Queuing Penalty (veh)		353	2		0			

Intersection: 41: Long Point Rd. & Long Point/I-526 EB onramp

Movement	EB	EB	WB	WB
Directions Served	T	T	T	T
Maximum Queue (ft)	219	196	90	121
Average Queue (ft)	124	154	9	21
95th Queue (ft)	249	223	53	92
Link Distance (ft)	151	151	923	923
Upstream Blk Time (%)	31	43		
Queuing Penalty (veh)	332	452		
Storage Bay Dist (ft)				
Storage Blk Time (%)				
Queuing Penalty (veh)				

Intersection: 49: I-526 WB On-Ramp & Long Point Rd.

Movement	EB	EB	EB
Directions Served	T	T	R
Maximum Queue (ft)	979	962	550
Average Queue (ft)	749	821	351
95th Queue (ft)	1276	1253	785
Link Distance (ft)	923	923	
Upstream Blk Time (%)	23	39	
Queuing Penalty (veh)	239	416	
Storage Bay Dist (ft)			450
Storage Blk Time (%)		58	0
Queuing Penalty (veh)		280	2

Intersection: 54: Long Point Rd. & I-526 WB On-Ramp

Movement	EB	EB	WB	WB	WB
Directions Served	T	T	T	T	R
Maximum Queue (ft)	210	287	28	209	168
Average Queue (ft)	200	227	1	35	29
95th Queue (ft)	224	370	15	140	98
Link Distance (ft)	192	192	158	158	158
Upstream Blk Time (%)	71	71		0	0
Queuing Penalty (veh)	787	779		2	1
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Network Summary

Network wide Queuing Penalty: 8552

Intersection: 7: Island Park Dr. & Seven Farms Dr.

Phase	2	4	6	8
Movement(s) Served	WBTL	NBTL	EBTL	SBTL
Maximum Green (s)	35.0	25.0	35.0	25.0
Minimum Green (s)	20.0	9.0	20.0	9.0
Recall	Min	None	Min	None
Avg. Green (s)	31.5	24.0	31.5	24.0
g/C Ratio	NA	NA	NA	NA
Cycles Skipped (%)	0	0	0	0
Cycles @ Minimum (%)	6	0	6	0
Cycles Maxed Out (%)	57	83	57	83
Cycles with Peds (%)	0	0	0	0

Controller Summary

Average Cycle Length (s): NA
Number of Complete Cycles : 0

Intersection: 9: River Landing Dr. & Fairchild St.

Phase	1	2	3	4	6	8
Movement(s) Served	NBL	SBTL	EBL	WBTL	NBTL	EBT
Maximum Green (s)	25.0	45.0	25.0	25.0	77.1	56.5
Minimum Green (s)	6.0	15.0	6.0	8.0	15.0	8.0
Recall	None	Min	None	None	Min	None
Avg. Green (s)	9.5	44.0	25.0	20.2	56.7	52.1
g/C Ratio	-0.01	NA	NA	NA	NA	NA
Cycles Skipped (%)	21	0	0	0	0	0
Cycles @ Minimum (%)	17	0	0	7	0	0
Cycles Maxed Out (%)	0	79	100	48	0	48
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): NA
Number of Complete Cycles : 0

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Phase	1	2	4	6	8
Movement(s) Served	WBL	EBTL	SBTL	WBTL	NBTL
Maximum Green (s)	9.0	39.0	18.5	54.0	8.5
Minimum Green (s)	7.0	15.0	7.0	15.0	7.0
Recall	None	C-Max	None	C-Max	None
Avg. Green (s)	8.5	43.2	18.5	55.9	8.5
g/C Ratio	-0.01	NA	NA	NA	-0.01
Cycles Skipped (%)	16	0	0	0	11
Cycles @ Minimum (%)	22	0	0	0	9
Cycles Maxed Out (%)	35	100	100	100	77
Cycles with Peds (%)	0	0	0	0	0

Controller Summary

Average Cycle Length (s): NA
Number of Complete Cycles : 0

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Phase	2	4	6
Movement(s) Served	EBT	SBL	WBT
Maximum Green (s)	39.0	50.0	39.0
Minimum Green (s)	15.0	5.0	15.0
Recall	C-Max	None	C-Max
Avg. Green (s)	39.3	49.7	39.3
g/C Ratio	NA	NA	NA
Cycles Skipped (%)	0	0	0
Cycles @ Minimum (%)	0	0	0
Cycles Maxed Out (%)	100	97	100
Cycles with Peds (%)	0	0	0

Controller Summary

Average Cycle Length (s): NA
Number of Complete Cycles : 0

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Phase	2	6	8
Movement(s) Served	EBT	WBT	NBL
Maximum Green (s)	64.4	64.4	24.3
Minimum Green (s)	15.0	15.0	6.0
Recall	C-Max	C-Max	None
Avg. Green (s)	136.6	136.6	11.0
g/C Ratio	-0.01	-0.01	-0.01
Cycles Skipped (%)	41	41	40
Cycles @ Minimum (%)	0	0	11
Cycles Maxed Out (%)	59	59	3
Cycles with Peds (%)	0	0	0

Controller Summary

Average Cycle Length (s): NA
Number of Complete Cycles : 0

Intersection: 15: Belle Point & Long Point Rd.

Phase	1	2	4	5	6	8
Movement(s) Served	WBL	EBTL	SBTL	EBL	WBTL	NBTL
Maximum Green (s)	10.3	41.2	30.8	10.3	41.2	30.8
Minimum Green (s)	7.0	15.0	7.0	7.0	15.0	7.0
Recall	None	C-Max	None	None	C-Max	None
Avg. Green (s)	9.2	46.6	29.2	8.7	49.7	29.2
g/C Ratio	-0.01	NA	NA	-0.01	NA	NA
Cycles Skipped (%)	17	0	0	31	0	0
Cycles @ Minimum (%)	17	0	0	14	0	0
Cycles Maxed Out (%)	29	100	72	14	100	72
Cycles with Peds (%)	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): NA
Number of Complete Cycles : 0

Intersection: 18: Chuck Dawley Blvd. & Bowman Rd.

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	SBL	NBTL	WBL	EBTL	NBL	SBTL	EBL	WBT
Maximum Green (s)	7.0	33.0	8.0	18.0	14.0	26.0	5.0	21.0
Minimum Green (s)	5.0	4.0	5.0	4.0	5.0	4.0	5.0	4.0
Recall	None	C-Max	None	None	None	C-Max	None	None
Avg. Green (s)	7.6	33.1	8.0	17.5	12.9	28.1	7.0	22.8
g/C Ratio	NA	NA	NA	NA	-0.01	NA	-0.01	-0.01
Cycles Skipped (%)	0	0	0	0	20	0	15	5
Cycles @ Minimum (%)	0	0	0	0	0	0	79	0
Cycles Maxed Out (%)	97	100	100	80	47	100	85	79
Cycles with Peds (%)	0	0	0	0	0	0	0	0

Controller Summary

Average Cycle Length (s): NA
Number of Complete Cycles : 0

2050 Alternative 1

Improved ParClo Dual Lefts EB Off-ramp

AM & PM Peak Hour

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	25511
Vehs Exited	24363
Starting Vehs	1677
Ending Vehs	2825
Denied Entry Before	237
Denied Entry After	4023
Travel Distance (mi)	22821
Travel Time (hr)	4291.7
Total Delay (hr)	3571.7
Total Stops	38597
Fuel Used (gal)	1564.9

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60
Volumes adjusted by Growth Factors.	
Vehs Entered	25511
Vehs Exited	24363
Starting Vehs	1677
Ending Vehs	2825
Denied Entry Before	237
Denied Entry After	4023
Travel Distance (mi)	22821
Travel Time (hr)	4291.7
Total Delay (hr)	3571.7
Total Stops	38597
Fuel Used (gal)	1564.9

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	2.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.9	7.7	0.0	0.6	2.5	0.2	0.0	0.2	3.1	7.1	0.0	0.1
Total Del/Veh (s)	130.4	18.8	16.2	31.1	6.9	1.7	29.0	71.7	39.4	65.5	108.7	23.8
Stop Delay (hr)	0.8	5.3	0.0	0.5	1.3	0.0	0.0	0.2	2.9	6.6	0.0	0.1
Stop Del/Veh (s)	127.4	12.9	8.3	28.7	3.5	0.3	26.9	67.5	37.1	60.2	102.5	23.6
Total Stops	25	641	4	61	213	36	3	9	266	368	1	17
Stop/Veh	1.04	0.43	0.67	0.91	0.16	0.09	0.60	1.00	0.95	0.94	1.00	0.89
Travel Dist (mi)	1.9	110.8	0.5	4.4	83.3	27.5	0.5	0.8	29.4	39.3	0.1	2.0
Travel Time (hr)	0.9	11.8	0.0	0.7	4.4	1.4	0.1	0.2	4.2	8.5	0.0	0.2
Avg Speed (mph)	2	10	11	6	19	20	9	4	7	5	3	10
Fuel Used (gal)	0.2	5.7	0.0	0.3	4.8	0.8	0.0	0.1	1.5	2.9	0.0	0.1
Vehicles Entered	23	1477	6	67	1295	411	5	8	281	368	1	19
Vehicles Exited	24	1472	6	63	1293	410	5	8	279	380	1	19
Hourly Exit Rate	24	1472	6	63	1293	410	5	8	279	380	1	19
Input Volume	21	1452	8	85	1551	523	4	11	237	394	1	25
% of Volume	114	101	75	74	83	78	125	73	118	96	100	76
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.9
Denied Del/Veh (s)	0.8
Total Delay (hr)	22.4
Total Del/Veh (s)	20.2
Stop Delay (hr)	17.8
Stop Del/Veh (s)	16.0
Total Stops	1644
Stop/Veh	0.41
Travel Dist (mi)	300.7
Travel Time (hr)	32.6
Avg Speed (mph)	9
Fuel Used (gal)	16.3
Vehicles Entered	3961
Vehicles Exited	3960
Hourly Exit Rate	3960
Input Volume	4312
% of Volume	92
Denied Entry Before	0
Denied Entry After	0

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	All
Denied Delay (hr)	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)	6.2	0.1	2.9	15.0	10.8	35.0
Total Del/Veh (s)	16.7	1.1	12.0	51.6	36.6	26.6
Stop Delay (hr)	4.4	0.0	1.7	11.8	3.0	21.0
Stop Del/Veh (s)	12.0	0.0	7.1	40.7	10.3	16.0
Total Stops	479	0	261	877	688	2305
Stop/Veh	0.36	0.00	0.30	0.84	0.65	0.49
Travel Dist (mi)	64.8	20.8	65.0	146.3	134.9	431.9
Travel Time (hr)	7.7	1.1	4.3	20.3	15.5	49.0
Avg Speed (mph)	8	18	15	7	9	9
Fuel Used (gal)	3.6	0.3	1.9	8.0	6.9	20.7
Vehicles Entered	1328	425	864	1012	1047	4676
Vehicles Exited	1323	424	864	1015	1048	4674
Hourly Exit Rate	1323	424	864	1015	1048	4674
Input Volume	1282	435	1088	1095	1261	5161
% of Volume	103	97	79	93	83	91
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	3.6	2.4	8.5	1.0	15.4
Total Del/Veh (s)	10.3	10.0	47.3	8.1	17.4
Stop Delay (hr)	1.9	1.9	7.6	0.9	12.2
Stop Del/Veh (s)	5.5	7.7	42.2	7.2	13.8
Total Stops	388	211	521	214	1334
Stop/Veh	0.31	0.24	0.80	0.50	0.42
Travel Dist (mi)	71.8	19.2	56.1	38.0	185.1
Travel Time (hr)	5.2	2.9	10.6	2.6	21.2
Avg Speed (mph)	14	7	5	15	9
Fuel Used (gal)	2.6	1.7	3.4	1.1	8.7
Vehicles Entered	1246	870	626	421	3163
Vehicles Exited	1243	871	637	419	3170
Hourly Exit Rate	1243	871	637	419	3170
Input Volume	1285	1233	616	394	3528
% of Volume	97	71	103	106	90
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	7.1	2.2	0.3	1.0	52.3	0.9	18.4	1.2	1.5	4.1	0.9	3.1
Total Del/Veh (s)	88.4	7.4	4.8	96.6	121.5	133.3	971.9	430.2	297.4	92.1	56.8	43.6
Stop Delay (hr)	6.6	1.0	0.1	0.8	40.3	0.8	18.5	1.2	1.5	3.8	0.8	2.8
Stop Del/Veh (s)	81.2	3.4	2.0	71.2	93.8	113.0	979.1	431.1	299.9	86.3	50.2	39.8
Total Stops	336	233	60	43	1015	16	3	9	17	167	54	213
Stop/Veh	1.15	0.22	0.27	1.13	0.66	0.67	0.04	0.90	0.94	1.05	0.98	0.83
Travel Dist (mi)	43.0	164.1	34.1	6.0	243.9	3.8	4.2	0.8	1.4	36.7	12.6	59.2
Travel Time (hr)	8.4	5.9	1.4	1.2	58.0	1.0	18.5	1.2	1.6	5.2	1.2	5.1
Avg Speed (mph)	5	28	25	5	4	4	0	1	1	7	10	12
Fuel Used (gal)	2.8	6.0	1.0	0.4	20.1	0.3	4.4	0.3	0.4	2.0	0.5	2.3
Vehicles Entered	280	1071	222	38	1479	24	49	10	16	157	54	250
Vehicles Exited	286	1076	221	35	1504	22	49	8	17	151	51	245
Hourly Exit Rate	286	1076	221	35	1504	22	49	8	17	151	51	245
Input Volume	281	1121	202	60	2365	44	177	18	40	154	46	266
% of Volume	102	96	109	58	64	50	28	44	42	98	111	92
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	92.9
Total Del/Veh (s)	88.7
Stop Delay (hr)	78.2
Stop Del/Veh (s)	74.6
Total Stops	2166
Stop/Veh	0.57
Travel Dist (mi)	609.7
Travel Time (hr)	108.7
Avg Speed (mph)	6
Fuel Used (gal)	40.6
Vehicles Entered	3650
Vehicles Exited	3665
Hourly Exit Rate	3665
Input Volume	4774
% of Volume	77
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	0.9
Denied Del/Veh (s)	9.4
Total Delay (hr)	165.8
Total Del/Veh (s)	1253.9
Stop Delay (hr)	129.2
Stop Del/Veh (s)	976.8
Total Stops	7449
Stop/Veh	15.65
Travel Dist (mi)	1527.3
Travel Time (hr)	211.6
Avg Speed (mph)	7
Fuel Used (gal)	86.4
Vehicles Entered	354
Vehicles Exited	263
Hourly Exit Rate	263
Input Volume	17775
% of Volume	1
Denied Entry Before	0
Denied Entry After	0

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	7.4	19.7	0.2	29
Total		7.4	19.7	0.2	29

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	121.5	134.9	0.2	4
Total		121.5	134.9	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	WB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	T	TR	T	L	T	T	R	L	T	R	L
Maximum Queue (ft)	249	466	510	253	292	275	307	66	25	329	200	249
Average Queue (ft)	48	288	377	15	52	102	146	20	3	106	138	143
95th Queue (ft)	144	490	520	100	133	213	245	49	15	291	231	251
Link Distance (ft)		420	420	657		295	295	295		499		
Upstream Blk Time (%)		2	6		0		0					
Queuing Penalty (veh)		13	39		0		1					
Storage Bay Dist (ft)	150				525				100		100	200
Storage Blk Time (%)	2	17			0					2	27	2
Queuing Penalty (veh)	10	4			0					4	4	0

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB
Directions Served	L	TR
Maximum Queue (ft)	299	322
Average Queue (ft)	185	26
95th Queue (ft)	276	122
Link Distance (ft)		496
Upstream Blk Time (%)		
Queuing Penalty (veh)		
Storage Bay Dist (ft)	200	
Storage Blk Time (%)	12	
Queuing Penalty (veh)	3	

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	B34	B34
Directions Served	T	T	T	T	L	L	R	T	T
Maximum Queue (ft)	294	282	215	251	780	810	500	6962	6962
Average Queue (ft)	223	254	104	132	349	484	112	5751	5776
95th Queue (ft)	300	319	186	228	532	808	448	8150	8126
Link Distance (ft)	205	205	329	329	723	723		6910	6910
Upstream Blk Time (%)	11	21			1	4		35	35
Queuing Penalty (veh)	61	121			0	0		0	0
Storage Bay Dist (ft)							400		
Storage Blk Time (%)						5	3		
Queuing Penalty (veh)						67	15		

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	L	L	R	R
Maximum Queue (ft)	246	244	151	151	320	432	122	126
Average Queue (ft)	149	167	85	118	201	267	61	63
95th Queue (ft)	237	248	137	147	294	371	113	109
Link Distance (ft)	231	231	56	56	416	416	416	416
Upstream Blk Time (%)	0	0	21	27		0		
Queuing Penalty (veh)	3	3	129	169		0		
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	506	213	228	94	275	910	896	7554	7554	275	460	285
Average Queue (ft)	262	105	117	46	77	882	885	6126	6136	273	457	28
95th Queue (ft)	455	192	193	91	257	901	901	9334	9318	277	468	144
Link Distance (ft)		763	763			795	795	7502	7502		390	
Upstream Blk Time (%)						66	82	53	52		100	
Queuing Penalty (veh)						0	0	0	0		0	
Storage Bay Dist (ft)	650			210	175					175		185
Storage Blk Time (%)			0			39				100		
Queuing Penalty (veh)			1			23				58		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	244	260	273
Average Queue (ft)	1911	139	75	157
95th Queue (ft)	3409	198	175	257
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	23			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		14	2	8
Queuing Penalty (veh)		44	8	15

Zone Summary

Zone wide Queuing Penalty: 796

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	25724
Vehs Exited	24454
Starting Vehs	1921
Ending Vehs	3191
Denied Entry Before	592
Denied Entry After	5825
Travel Distance (mi)	23782
Travel Time (hr)	5836.6
Total Delay (hr)	5085.4
Total Stops	46255
Fuel Used (gal)	1932.5

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15

Volumes adjusted by Growth Factors.
No data recorded this interval.

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Vehs Entered	25724
Vehs Exited	24454
Starting Vehs	1921
Ending Vehs	3191
Denied Entry Before	592
Denied Entry After	5825
Travel Distance (mi)	23782
Travel Time (hr)	5836.6
Total Delay (hr)	5085.4
Total Stops	46255
Fuel Used (gal)	1932.5

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	3.2	126.8	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	440.3	367.6	349.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	16.7	0.1	1.9	3.6	0.4	0.3	0.1	1.9	24.5	0.2	0.4
Total Del/Veh (s)	38.0	57.2	58.1	40.1	20.0	3.5	59.7	103.8	35.8	150.5	132.2	69.7
Stop Delay (hr)	0.2	13.6	0.1	1.7	2.4	0.1	0.3	0.1	1.8	22.4	0.2	0.4
Stop Del/Veh (s)	30.7	46.7	48.1	36.1	13.5	0.7	56.6	98.3	34.1	138.1	120.1	61.7
Total Stops	20	706	9	153	356	79	18	6	172	753	9	27
Stop/Veh	0.91	0.67	1.12	0.88	0.55	0.17	0.95	1.20	0.89	1.29	1.50	1.17
Travel Dist (mi)	1.8	83.1	0.7	11.4	42.9	30.5	2.0	0.5	20.0	59.1	0.6	2.4
Travel Time (hr)	3.5	145.9	1.0	2.4	4.6	1.8	0.4	0.2	2.7	26.5	0.2	0.5
Avg Speed (mph)	6	4	4	5	9	17	5	3	7	2	3	5
Fuel Used (gal)	0.8	36.1	0.3	0.8	2.5	0.8	0.1	0.0	1.0	7.8	0.1	0.2
Vehicles Entered	21	1034	8	173	650	456	19	5	192	549	6	23
Vehicles Exited	22	1036	8	172	643	452	19	5	192	566	6	22
Hourly Exit Rate	22	1036	8	172	643	452	19	5	192	566	6	22
Input Volume	29	1393	13	220	818	527	17	4	186	795	10	39
% of Volume	76	74	62	78	79	86	112	125	103	71	60	56
Denied Entry Before	0	9	0	0	0	0	0	0	0	0	0	0
Denied Entry After	5	208	1	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	130.9
Denied Del/Veh (s)	140.6
Total Delay (hr)	50.5
Total Del/Veh (s)	57.0
Stop Delay (hr)	43.5
Stop Del/Veh (s)	49.1
Total Stops	2308
Stop/Veh	0.72
Travel Dist (mi)	255.2
Travel Time (hr)	189.8
Avg Speed (mph)	4
Fuel Used (gal)	50.7
Vehicles Entered	3136
Vehicles Exited	3143
Hourly Exit Rate	3143
Input Volume	4051
% of Volume	78
Denied Entry Before	9
Denied Entry After	214

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	All
Denied Delay (hr)	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)	7.1	0.4	3.7	33.5	4.3	48.9
Total Del/Veh (s)	22.8	2.2	17.1	73.9	30.7	38.0
Stop Delay (hr)	5.2	0.0	2.8	25.5	2.2	35.7
Stop Del/Veh (s)	16.7	0.0	12.9	56.2	15.9	27.7
Total Stops	440	0	263	1698	276	2677
Stop/Veh	0.39	0.00	0.34	1.04	0.55	0.58
Travel Dist (mi)	53.8	29.4	57.7	229.3	64.3	434.5
Travel Time (hr)	8.4	1.8	4.9	41.8	6.6	63.5
Avg Speed (mph)	6	16	12	5	10	7
Fuel Used (gal)	3.7	0.5	1.7	15.4	3.3	24.6
Vehicles Entered	1107	603	768	1595	500	4573
Vehicles Exited	1119	603	766	1576	500	4564
Hourly Exit Rate	1119	603	766	1576	500	4564
Input Volume	1436	823	973	1820	581	5633
% of Volume	78	73	79	87	86	81
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	6.3	1.8	12.8	3.8	24.7
Total Del/Veh (s)	11.6	6.9	97.6	28.3	23.0
Stop Delay (hr)	2.7	1.2	12.0	3.6	19.5
Stop Del/Veh (s)	5.0	4.5	91.6	26.8	18.2
Total Stops	635	213	538	379	1765
Stop/Veh	0.32	0.23	1.14	0.78	0.46
Travel Dist (mi)	113.3	20.8	41.1	43.0	218.1
Travel Time (hr)	8.9	2.3	14.3	5.6	31.1
Avg Speed (mph)	13	9	3	8	7
Fuel Used (gal)	4.4	1.6	4.1	1.8	11.9
Vehicles Entered	1965	944	459	480	3848
Vehicles Exited	1960	944	461	476	3841
Hourly Exit Rate	1960	944	461	476	3841
Input Volume	2385	1199	465	453	4502
% of Volume	82	79	99	105	85
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	8.3	9.3	0.5	4.5	52.8	1.0	16.3	1.6	2.9	1.0	0.8	0.6
Total Del/Veh (s)	71.1	20.1	8.6	137.1	144.5	144.4	269.9	160.4	119.2	47.4	40.9	21.1
Stop Delay (hr)	7.1	4.3	0.1	3.6	41.7	0.8	16.1	1.6	2.9	1.0	0.7	0.5
Stop Del/Veh (s)	61.3	9.3	2.2	109.4	114.0	121.3	266.0	156.1	116.0	43.8	36.1	19.5
Total Stops	418	593	63	178	1146	17	216	38	79	69	56	48
Stop/Veh	1.00	0.36	0.29	1.52	0.87	0.68	0.99	1.03	0.89	0.87	0.76	0.48
Travel Dist (mi)	63.0	254.3	33.5	18.6	207.1	3.9	17.2	3.0	7.4	18.1	17.1	22.8
Travel Time (hr)	10.1	15.0	1.6	5.0	57.7	1.1	17.1	1.8	3.3	1.6	1.3	1.3
Avg Speed (mph)	6	17	21	4	4	3	1	2	2	11	13	17
Fuel Used (gal)	3.7	9.3	1.0	1.6	19.0	0.3	4.4	0.5	1.0	0.8	0.7	0.8
Vehicles Entered	410	1659	221	112	1270	24	199	35	89	77	72	97
Vehicles Exited	412	1653	219	116	1249	24	202	36	84	77	71	96
Hourly Exit Rate	412	1653	219	116	1249	24	202	36	84	77	71	96
Input Volume	472	1951	254	155	1610	28	316	56	127	95	69	99
% of Volume	87	85	86	75	78	86	64	64	66	81	103	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	99.7
Total Del/Veh (s)	82.4
Stop Delay (hr)	80.5
Stop Del/Veh (s)	66.5
Total Stops	2921
Stop/Veh	0.67
Travel Dist (mi)	666.0
Travel Time (hr)	117.0
Avg Speed (mph)	6
Fuel Used (gal)	43.1
Vehicles Entered	4265
Vehicles Exited	4239
Hourly Exit Rate	4239
Input Volume	5232
% of Volume	81
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	130.9
Denied Del/Veh (s)	1301.9
Total Delay (hr)	223.9
Total Del/Veh (s)	1861.9
Stop Delay (hr)	179.1
Stop Del/Veh (s)	1489.2
Total Stops	9671
Stop/Veh	22.33
Travel Dist (mi)	1573.8
Travel Time (hr)	401.4
Avg Speed (mph)	6
Fuel Used (gal)	130.3
Vehicles Entered	148
Vehicles Exited	170
Hourly Exit Rate	170
Input Volume	19418
% of Volume	1
Denied Entry Before	9
Denied Entry After	214

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	19.2	31.6	0.2	18
Total		19.2	31.6	0.2	18

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	144.5	157.8	0.2	4
Total		144.5	157.8	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	B66	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	T	T	L	T	T	R	L	T	R
Maximum Queue (ft)	249	529	539	713	763	245	294	399	91	119	247	200
Average Queue (ft)	33	507	518	570	594	112	164	231	38	19	50	102
95th Queue (ft)	114	567	540	871	828	187	285	394	81	62	182	197
Link Distance (ft)		420	420	657	657		295	295	295		499	
Upstream Blk Time (%)		42	66	20	31		0	4				
Queuing Penalty (veh)		236	368	114	172		0	23				
Storage Bay Dist (ft)	150					525				100		100
Storage Blk Time (%)		32					0			0	3	14
Queuing Penalty (veh)		9					0			0	6	3

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB	SB	B19
Directions Served	L	L	TR	T
Maximum Queue (ft)	250	300	606	4204
Average Queue (ft)	235	299	575	3112
95th Queue (ft)	302	301	594	5240
Link Distance (ft)			496	4152
Upstream Blk Time (%)			72	48
Queuing Penalty (veh)			0	0
Storage Bay Dist (ft)	200	200		
Storage Blk Time (%)	13	75		
Queuing Penalty (veh)	6	37		

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	B34	B34
Directions Served	T	T	T	T	L	L	R	T	T
Maximum Queue (ft)	311	324	250	243	798	810	500	6973	6962
Average Queue (ft)	242	301	95	140	779	797	466	4746	4767
95th Queue (ft)	341	323	173	215	799	822	672	7658	7586
Link Distance (ft)	205	205	329	329	723	723		6910	6910
Upstream Blk Time (%)	15	26			31	39		10	9
Queuing Penalty (veh)	112	190			0	0		0	0
Storage Bay Dist (ft)							400		
Storage Blk Time (%)						44	0		
Queuing Penalty (veh)						254	1		

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	NB	NB	NB	NB	B32
Directions Served	T	T	T	T	L	L	R	R	T
Maximum Queue (ft)	306	320	132	169	415	487	237	251	18
Average Queue (ft)	231	261	91	117	241	315	115	125	1
95th Queue (ft)	293	331	144	165	379	420	194	209	6
Link Distance (ft)	231	231	56	56	416	416	416	416	6187
Upstream Blk Time (%)	4	9	12	18	0	1			
Queuing Penalty (veh)	53	102	70	109	0	0			
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	473	408	432	310	274	910	924	6006	6002	275	460	285
Average Queue (ft)	301	218	234	64	177	883	885	3169	3194	274	460	69
95th Queue (ft)	468	325	349	223	343	907	906	5854	5876	276	460	200
Link Distance (ft)		763	763			795	795	7502	7502		390	
Upstream Blk Time (%)						63	75				88	
Queuing Penalty (veh)						0	0				0	
Storage Bay Dist (ft)	650			210	175					175		185
Storage Blk Time (%)			8		0	51				94		
Queuing Penalty (veh)			20		0	79				172		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	120	182	90
Average Queue (ft)	2029	58	57	45
95th Queue (ft)	3329	111	121	92
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	24			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)			0	
Queuing Penalty (veh)			0	

Zone Summary

Zone wide Queuing Penalty: 2137

2050 Alternative 1

Improved ParClo Triple Lefts EB Off-ramp

AM & PM Peak Hour

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	25152
Vehs Exited	24174
Starting Vehs	1783
Ending Vehs	2761
Denied Entry Before	245
Denied Entry After	4453
Travel Distance (mi)	22546
Travel Time (hr)	4548.6
Total Delay (hr)	3836.9
Total Stops	38324
Fuel Used (gal)	1620.6

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60
Volumes adjusted by Growth Factors.	
Vehs Entered	25152
Vehs Exited	24174
Starting Vehs	1783
Ending Vehs	2761
Denied Entry Before	245
Denied Entry After	4453
Travel Distance (mi)	22546
Travel Time (hr)	4548.6
Total Delay (hr)	3836.9
Total Stops	38324
Fuel Used (gal)	1620.6

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4
Denied Del/Veh (s)	2.2	3.4	3.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	1.3
Total Delay (hr)	0.8	8.4	0.0	1.0	3.2	0.2	0.1	0.1	2.2	8.9	0.2	25.2
Total Del/Veh (s)	157.6	20.5	9.9	49.0	8.9	1.8	91.2	55.5	32.8	82.0	22.3	22.8
Stop Delay (hr)	0.8	5.7	0.0	1.0	1.8	0.0	0.0	0.1	2.1	8.2	0.2	19.9
Stop Del/Veh (s)	154.7	13.8	6.5	46.6	4.9	0.4	89.9	51.3	31.7	75.3	21.0	18.1
Total Stops	18	675	8	74	298	40	2	9	214	437	30	1805
Stop/Veh	1.00	0.46	0.53	0.97	0.23	0.10	1.00	1.00	0.90	1.11	1.07	0.45
Travel Dist (mi)	1.5	109.9	1.1	4.9	84.4	27.0	0.2	0.8	24.6	40.6	3.0	297.9
Travel Time (hr)	0.9	13.0	0.1	1.2	5.2	1.4	0.1	0.2	3.1	10.4	0.3	35.8
Avg Speed (mph)	2	9	13	4	16	19	4	5	8	4	10	9
Fuel Used (gal)	0.2	6.1	0.0	0.4	4.8	0.8	0.0	0.1	1.2	3.3	0.1	17.0
Vehicles Entered	18	1471	15	73	1306	405	2	8	236	382	28	3944
Vehicles Exited	18	1471	15	75	1304	405	2	9	230	386	28	3943
Hourly Exit Rate	18	1471	15	75	1304	405	2	9	230	386	28	3943
Input Volume	21	1452	8	85	1551	523	4	11	237	394	25	4312
% of Volume	86	101	188	88	84	77	50	82	97	98	112	91
Denied Entry Before	0	1	0	0	0	0	0	0	0	0	0	1
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.2	0.1	0.0	0.0	0.0	0.1
Total Delay (hr)	4.1	0.1	2.2	13.7	11.2	31.4
Total Del/Veh (s)	11.3	1.0	9.2	48.7	36.9	24.1
Stop Delay (hr)	2.7	0.0	1.1	11.5	3.6	18.8
Stop Del/Veh (s)	7.4	0.0	4.4	40.8	11.7	14.4
Total Stops	381	0	251	868	738	2238
Stop/Veh	0.29	0.00	0.29	0.86	0.67	0.48
Travel Dist (mi)	62.8	19.4	63.6	140.8	137.9	424.5
Travel Time (hr)	5.6	1.1	3.6	18.8	16.1	45.2
Avg Speed (mph)	11	18	17	7	9	9
Fuel Used (gal)	3.5	0.3	1.7	7.5	6.9	19.8
Vehicles Entered	1318	406	861	979	1079	4643
Vehicles Exited	1314	406	858	989	1080	4647
Hourly Exit Rate	1314	406	858	989	1080	4647
Input Volume	1282	435	1088	1095	1261	5161
% of Volume	102	93	79	90	86	90
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	1	0	0	0	0	1

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	2.1	2.0	8.2	0.6	13.0
Total Del/Veh (s)	6.1	9.0	46.2	6.1	15.2
Stop Delay (hr)	1.2	1.5	7.3	0.5	10.5
Stop Del/Veh (s)	3.3	6.8	41.0	5.4	12.4
Total Stops	231	172	495	204	1102
Stop/Veh	0.19	0.21	0.77	0.56	0.36
Travel Dist (mi)	71.5	18.2	53.8	32.0	175.4
Travel Time (hr)	3.7	2.4	10.3	2.0	18.4
Avg Speed (mph)	19	7	5	16	10
Fuel Used (gal)	2.4	1.5	3.2	0.8	8.0
Vehicles Entered	1245	813	609	363	3030
Vehicles Exited	1243	815	632	359	3049
Hourly Exit Rate	1243	815	632	359	3049
Input Volume	1285	1233	616	394	3528
% of Volume	97	66	103	91	86
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	3.9	2.3	0.3	1.1	51.3	1.5	18.5	0.2	2.1	4.6	0.9	3.9
Total Del/Veh (s)	50.6	7.7	5.9	87.0	116.1	125.6	1259.8	318.6	550.9	99.4	67.2	56.7
Stop Delay (hr)	3.4	1.0	0.2	0.8	38.5	1.3	18.7	0.2	2.2	4.3	0.8	3.6
Stop Del/Veh (s)	45.3	3.4	2.8	63.6	87.1	107.7	1266.8	319.6	553.4	92.6	60.4	52.2
Total Stops	274	245	77	43	1022	18	1	2	13	192	52	220
Stop/Veh	1.00	0.23	0.37	0.96	0.64	0.43	0.02	1.00	0.93	1.16	1.04	0.89
Travel Dist (mi)	41.2	161.0	31.4	6.7	250.9	6.5	2.8	0.2	1.1	37.5	11.6	58.1
Travel Time (hr)	5.1	5.9	1.3	1.3	57.2	1.7	18.7	0.2	2.2	5.8	1.3	5.9
Avg Speed (mph)	8	27	24	5	4	4	0	1	1	6	9	10
Fuel Used (gal)	1.8	5.6	0.9	0.5	20.1	0.6	4.3	0.0	0.5	2.1	0.5	2.5
Vehicles Entered	270	1053	206	42	1517	39	34	2	13	161	50	246
Vehicles Exited	264	1053	206	42	1544	40	33	2	13	157	49	241
Hourly Exit Rate	264	1053	206	42	1544	40	33	2	13	157	49	241
Input Volume	281	1121	202	60	2365	44	177	18	40	154	46	266
% of Volume	94	94	102	70	65	91	19	11	32	102	107	91
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	90.6
Total Del/Veh (s)	86.8
Stop Delay (hr)	74.8
Stop Del/Veh (s)	71.7
Total Stops	2159
Stop/Veh	0.57
Travel Dist (mi)	608.9
Travel Time (hr)	106.3
Avg Speed (mph)	6
Fuel Used (gal)	39.6
Vehicles Entered	3633
Vehicles Exited	3644
Hourly Exit Rate	3644
Input Volume	4774
% of Volume	76
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	1.5
Denied Del/Veh (s)	14.8
Total Delay (hr)	160.1
Total Del/Veh (s)	1208.7
Stop Delay (hr)	124.1
Stop Del/Veh (s)	936.6
Total Stops	7304
Stop/Veh	15.31
Travel Dist (mi)	1506.8
Travel Time (hr)	205.7
Avg Speed (mph)	7
Fuel Used (gal)	84.5
Vehicles Entered	364
Vehicles Exited	269
Hourly Exit Rate	269
Input Volume	17775
% of Volume	2
Denied Entry Before	1
Denied Entry After	1

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	7.6	19.9	0.2	29
Total		7.6	19.9	0.2	29

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	116.1	129.4	0.2	5
Total		116.1	129.4	0.2	5

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	B66	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	T	T	L	T	T	R	L	T	R
Maximum Queue (ft)	250	510	528	210	249	160	236	320	61	25	197	194
Average Queue (ft)	88	334	442	19	47	57	138	181	22	2	50	106
95th Queue (ft)	232	536	576	108	167	118	230	267	50	13	151	176
Link Distance (ft)		420	420	657	657		295	295	295		499	
Upstream Blk Time (%)		2	11					0				
Queuing Penalty (veh)		12	69					2				
Storage Bay Dist (ft)	150					525				100		100
Storage Blk Time (%)		17									3	16
Queuing Penalty (veh)		4									6	2

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB	SB
Directions Served	L	L	TR
Maximum Queue (ft)	249	300	459
Average Queue (ft)	176	232	105
95th Queue (ft)	287	324	349
Link Distance (ft)			496
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	200	200	
Storage Blk Time (%)	1	28	1
Queuing Penalty (veh)	0	7	6

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	SB	B34	B34	B34
Directions Served	T	T	T	T	L	L	L	R	T	T	T
Maximum Queue (ft)	227	289	181	245	317	733	806	500	4971	4976	5016
Average Queue (ft)	120	227	93	117	188	258	447	17	3036	3244	3280
95th Queue (ft)	208	305	169	220	276	471	819	165	4968	4857	4874
Link Distance (ft)	199	199	323	323	718	718	718		6907	6907	6907
Upstream Blk Time (%)	1	14				0	4				
Queuing Penalty (veh)	4	78				0	0				
Storage Bay Dist (ft)								400			
Storage Blk Time (%)							0	2			
Queuing Penalty (veh)							2	6			

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	T	L	L	R	R
Maximum Queue (ft)	124	164	159	133	134	347	381	101	105
Average Queue (ft)	48	69	89	65	104	195	261	47	41
95th Queue (ft)	110	135	165	131	156	303	385	85	91
Link Distance (ft)	209	209	209	56	56	404	404	404	404
Upstream Blk Time (%)				14	24				
Queuing Penalty (veh)				88	148				
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	346	175	185	99	274	892	913	7554	7554	275	460	66
Average Queue (ft)	186	96	111	42	88	879	887	6602	6606	273	455	9
95th Queue (ft)	322	166	181	89	275	893	907	9248	9232	276	466	38
Link Distance (ft)	764	764	764			795	795	7502	7502		390	
Upstream Blk Time (%)						61	81	67	66		100	
Queuing Penalty (veh)						0	0	0	0		0	
Storage Bay Dist (ft)				210	175					175		185
Storage Blk Time (%)						36				100		
Queuing Penalty (veh)						22				58		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	246	472	275
Average Queue (ft)	2235	166	125	163
95th Queue (ft)	3581	237	338	271
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	46			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		19	2	13
Queuing Penalty (veh)		61	8	26

Zone Summary

Zone wide Queuing Penalty: 610

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	25051
Vehs Exited	24186
Starting Vehs	1916
Ending Vehs	2781
Denied Entry Before	747
Denied Entry After	6761
Travel Distance (mi)	24246
Travel Time (hr)	6144.0
Total Delay (hr)	5375.1
Total Stops	39420
Fuel Used (gal)	2012.6

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60
Volumes adjusted by Growth Factors.	
Vehs Entered	25051
Vehs Exited	24186
Starting Vehs	1916
Ending Vehs	2781
Denied Entry Before	747
Denied Entry After	6761
Travel Distance (mi)	24246
Travel Time (hr)	6144.0
Total Delay (hr)	5375.1
Total Stops	39420
Fuel Used (gal)	2012.6

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	4.0	200.8	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	677.2	751.4	1188.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.3	11.6	0.1	1.6	3.6	0.6	0.2	0.1	1.9	23.6	0.4	0.7
Total Del/Veh (s)	78.6	66.0	101.1	27.6	16.7	4.0	50.2	98.3	37.3	147.5	139.0	74.7
Stop Delay (hr)	0.3	10.0	0.1	1.4	2.4	0.1	0.2	0.1	1.8	21.7	0.4	0.6
Stop Del/Veh (s)	72.8	56.8	91.9	23.9	11.1	1.0	47.8	94.1	35.5	135.6	129.7	66.3
Total Stops	14	486	2	177	341	106	15	4	163	723	12	43
Stop/Veh	1.00	0.77	0.67	0.86	0.44	0.21	0.88	1.00	0.88	1.25	1.09	1.30
Travel Dist (mi)	1.3	50.0	0.3	13.6	50.8	34.6	1.8	0.4	19.5	58.4	1.2	3.5
Travel Time (hr)	4.3	213.9	3.1	2.1	4.8	2.1	0.3	0.1	2.7	25.7	0.5	0.8
Avg Speed (mph)	4	4	3	7	11	16	6	4	7	2	3	4
Fuel Used (gal)	1.0	50.2	0.7	0.8	3.1	1.0	0.1	0.0	1.0	7.6	0.2	0.3
Vehicles Entered	14	626	3	206	771	517	17	4	183	544	10	33
Vehicles Exited	14	617	3	203	752	516	17	4	184	559	11	32
Hourly Exit Rate	14	617	3	203	752	516	17	4	184	559	11	32
Input Volume	29	1393	13	220	818	527	17	4	186	795	10	39
% of Volume	48	44	23	92	92	98	100	100	99	70	110	82
Denied Entry Before	0	51	0	0	0	0	0	0	0	0	0	0
Denied Entry After	7	336	6	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	207.7
Denied Del/Veh (s)	228.2
Total Delay (hr)	44.8
Total Del/Veh (s)	54.2
Stop Delay (hr)	39.2
Stop Del/Veh (s)	47.4
Total Stops	2086
Stop/Veh	0.70
Travel Dist (mi)	235.4
Travel Time (hr)	260.3
Avg Speed (mph)	4
Fuel Used (gal)	66.0
Vehicles Entered	2928
Vehicles Exited	2912
Hourly Exit Rate	2912
Input Volume	4051
% of Volume	72
Denied Entry Before	51
Denied Entry After	349

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	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)	3.6	0.2	6.6	34.8	4.3	49.5
Total Del/Veh (s)	15.3	1.7	27.2	65.9	25.6	38.1
Stop Delay (hr)	2.7	0.0	5.1	27.7	1.9	37.4
Stop Del/Veh (s)	11.7	0.0	21.0	52.5	11.0	28.8
Total Stops	270	0	528	2018	355	3171
Stop/Veh	0.32	0.00	0.60	1.06	0.58	0.68
Travel Dist (mi)	39.4	21.7	63.9	268.7	77.1	470.8
Travel Time (hr)	4.5	1.3	8.1	44.6	7.1	65.5
Avg Speed (mph)	9	17	8	6	11	7
Fuel Used (gal)	2.8	0.5	2.7	16.1	3.5	25.6
Vehicles Entered	831	461	860	1872	603	4627
Vehicles Exited	833	457	872	1847	604	4613
Hourly Exit Rate	833	457	872	1847	604	4613
Input Volume	1436	823	973	1820	581	5633
% of Volume	58	56	90	101	104	82
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	5.4	2.3	7.3	2.4	17.4
Total Del/Veh (s)	9.8	8.5	54.5	17.4	15.9
Stop Delay (hr)	3.7	1.6	6.7	2.2	14.2
Stop Del/Veh (s)	6.7	6.0	49.9	15.8	13.0
Total Stops	573	220	420	389	1602
Stop/Veh	0.29	0.23	0.87	0.78	0.41
Travel Dist (mi)	114.0	21.6	41.0	43.4	220.1
Travel Time (hr)	8.0	2.8	8.9	4.3	23.9
Avg Speed (mph)	14	8	5	10	9
Fuel Used (gal)	4.2	1.8	2.7	1.5	10.3
Vehicles Entered	1982	969	468	494	3913
Vehicles Exited	1984	967	482	497	3930
Hourly Exit Rate	1984	967	482	497	3930
Input Volume	2385	1199	465	453	4502
% of Volume	83	81	104	110	87
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	7.7	9.2	0.6	6.3	53.3	1.2	16.1	1.5	2.7	1.7	0.9	0.6
Total Del/Veh (s)	65.9	19.5	10.0	169.7	145.0	153.1	270.3	138.8	115.4	56.0	42.5	22.8
Stop Delay (hr)	6.7	4.7	0.2	5.4	43.0	1.1	15.9	1.5	2.6	1.6	0.8	0.6
Stop Del/Veh (s)	57.0	9.9	3.4	144.6	116.9	135.6	267.6	133.3	112.7	51.9	37.1	21.0
Total Stops	428	626	78	194	1032	17	196	46	69	94	58	60
Stop/Veh	1.02	0.37	0.36	1.45	0.78	0.61	0.92	1.15	0.83	0.86	0.79	0.62
Travel Dist (mi)	63.1	258.9	32.6	20.4	207.3	4.2	16.7	3.4	6.9	25.2	16.3	22.0
Travel Time (hr)	9.6	15.1	1.6	6.9	58.2	1.3	16.8	1.7	3.0	2.5	1.3	1.3
Avg Speed (mph)	7	17	20	3	4	3	1	2	2	10	12	16
Fuel Used (gal)	3.1	9.2	1.0	2.1	19.1	0.4	4.3	0.5	0.9	1.1	0.7	0.7
Vehicles Entered	417	1686	212	121	1268	25	193	40	81	107	70	93
Vehicles Exited	403	1681	215	133	1251	26	199	38	82	109	72	95
Hourly Exit Rate	403	1681	215	133	1251	26	199	38	82	109	72	95
Input Volume	472	1951	254	155	1610	28	316	56	127	95	69	99
% of Volume	85	86	85	86	78	93	63	68	65	115	104	96
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	101.8
Total Del/Veh (s)	82.6
Stop Delay (hr)	83.8
Stop Del/Veh (s)	68.0
Total Stops	2898
Stop/Veh	0.65
Travel Dist (mi)	677.0
Travel Time (hr)	119.4
Avg Speed (mph)	6
Fuel Used (gal)	43.1
Vehicles Entered	4313
Vehicles Exited	4304
Hourly Exit Rate	4304
Input Volume	5232
% of Volume	82
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	207.7
Denied Del/Veh (s)	1806.4
Total Delay (hr)	213.6
Total Del/Veh (s)	1796.2
Stop Delay (hr)	174.7
Stop Del/Veh (s)	1469.4
Total Stops	9757
Stop/Veh	22.80
Travel Dist (mi)	1603.2
Travel Time (hr)	469.1
Avg Speed (mph)	6
Fuel Used (gal)	144.9
Vehicles Entered	65
Vehicles Exited	146
Hourly Exit Rate	146
Input Volume	19418
% of Volume	1
Denied Entry Before	51
Denied Entry After	349

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	19.1	31.4	0.2	18
Total		19.1	31.4	0.2	18

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	145.0	158.2	0.2	4
Total		145.0	158.2	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	B66	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	T	T	L	T	T	R	L	T	R
Maximum Queue (ft)	249	510	539	708	716	198	279	300	177	59	215	200
Average Queue (ft)	34	190	526	617	667	112	162	219	52	19	42	102
95th Queue (ft)	124	443	538	873	688	174	265	334	107	50	153	190
Link Distance (ft)		420	420	657	657		295	295	295		511	
Upstream Blk Time (%)		4	77	23	50		0	1				
Queuing Penalty (veh)		23	433	129	280		0	6				
Storage Bay Dist (ft)	150					525				100		100
Storage Blk Time (%)		9					0				1	17
Queuing Penalty (veh)		2					0				2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB	SB	B19
Directions Served	L	L	TR	T
Maximum Queue (ft)	250	300	606	4204
Average Queue (ft)	249	299	572	3462
95th Queue (ft)	250	300	585	5044
Link Distance (ft)			496	4152
Upstream Blk Time (%)			74	49
Queuing Penalty (veh)			0	0
Storage Bay Dist (ft)	200	200		
Storage Blk Time (%)	4	77		
Queuing Penalty (veh)	2	38		

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	SB	B34	B34	B34
Directions Served	T	T	T	T	L	L	L	R	T	T	T
Maximum Queue (ft)	213	246	288	367	702	775	806	500	1736	1910	1939
Average Queue (ft)	96	208	195	252	495	607	724	466	325	624	713
95th Queue (ft)	185	229	265	343	665	804	920	671	1283	1844	1913
Link Distance (ft)	199	199	323	323	718	718	718		6907	6907	6907
Upstream Blk Time (%)	1	14		2	0	3	21				
Queuing Penalty (veh)	4	106		8	0	0	0				
Storage Bay Dist (ft)								400			
Storage Blk Time (%)							40	1			
Queuing Penalty (veh)							234	3			

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	T	L	L	R	R
Maximum Queue (ft)	209	313	318	152	139	304	354	201	232
Average Queue (ft)	119	162	219	89	127	156	232	106	108
95th Queue (ft)	204	253	295	143	146	244	339	176	184
Link Distance (ft)	209	209	209	56	56	404	404	404	404
Upstream Blk Time (%)	0	1	8	15	23				
Queuing Penalty (veh)	1	7	65	89	138				
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	500	481	473	310	275	910	913	4961	4950	275	497	285
Average Queue (ft)	295	226	242	70	195	881	883	2634	2649	274	461	52
95th Queue (ft)	476	361	382	204	353	902	906	5098	5097	276	472	165
Link Distance (ft)	764	764	764			795	795	7502	7502		390	
Upstream Blk Time (%)						64	80				88	
Queuing Penalty (veh)						0	0				0	
Storage Bay Dist (ft)				210	175					175		185
Storage Blk Time (%)			10		16	51				94	0	
Queuing Penalty (veh)			25		128	78				171	0	

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	215	207	148
Average Queue (ft)	2503	85	64	47
95th Queue (ft)	3465	149	149	100
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	51			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		1	0	
Queuing Penalty (veh)		1	1	

Zone Summary

Zone wide Queuing Penalty: 1980

2050 Alternative 2

Port Ramps with Improved ParClo Dual Lefts EB Off-ramp

AM & PM Peak Hour

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	22904
Vehs Exited	22212
Starting Vehs	1689
Ending Vehs	2381
Denied Entry Before	188
Denied Entry After	4084
Travel Distance (mi)	20787
Travel Time (hr)	4205.8
Total Delay (hr)	3550.9
Total Stops	31365
Fuel Used (gal)	1485.8

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15

Volumes adjusted by Growth Factors.
No data recorded this interval.

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Vehs Entered	22904
Vehs Exited	22212
Starting Vehs	1689
Ending Vehs	2381
Denied Entry Before	188
Denied Entry After	4084
Travel Distance (mi)	20787
Travel Time (hr)	4205.8
Total Delay (hr)	3550.9
Total Stops	31365
Fuel Used (gal)	1485.8

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.5	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.1	1.9	0.2	0.1	0.9	0.3	0.6	0.2	0.4	3.8	0.1	0.1
Total Del/Veh (s)	24.5	12.9	9.9	13.2	5.0	2.2	40.1	56.2	8.2	37.3	64.1	7.6
Stop Delay (hr)	0.1	1.4	0.1	0.1	0.5	0.0	0.6	0.2	0.4	3.4	0.0	0.1
Stop Del/Veh (s)	22.2	9.3	7.4	11.8	2.7	0.3	38.0	51.8	7.4	33.2	59.2	7.2
Total Stops	16	220	35	16	100	44	47	11	160	310	3	26
Stop/Veh	0.80	0.40	0.57	0.64	0.15	0.10	0.87	1.00	0.87	0.85	1.00	0.93
Travel Dist (mi)	1.6	41.3	4.8	1.7	43.1	28.7	5.5	1.2	19.0	37.8	0.3	2.9
Travel Time (hr)	0.2	3.1	0.4	0.2	1.9	1.5	0.8	0.2	1.2	5.1	0.1	0.2
Avg Speed (mph)	8	13	13	11	23	19	7	6	16	7	5	16
Fuel Used (gal)	0.1	1.6	0.1	0.1	2.1	0.7	0.3	0.1	0.7	2.1	0.0	0.1
Vehicles Entered	20	543	61	25	649	429	52	11	180	355	3	27
Vehicles Exited	19	543	60	25	647	429	54	11	183	360	3	28
Hourly Exit Rate	19	543	60	25	647	429	54	11	183	360	3	28
Input Volume	21	530	71	22	758	523	50	11	191	394	1	25
% of Volume	90	102	85	114	85	82	108	100	96	91	300	112
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	1	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	8.6
Total Del/Veh (s)	13.0
Stop Delay (hr)	6.8
Stop Del/Veh (s)	10.3
Total Stops	988
Stop/Veh	0.42
Travel Dist (mi)	187.9
Travel Time (hr)	14.8
Avg Speed (mph)	13
Fuel Used (gal)	7.8
Vehicles Entered	2355
Vehicles Exited	2362
Hourly Exit Rate	2362
Input Volume	2597
% of Volume	91
Denied Entry Before	0
Denied Entry After	1

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	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)	1.7	0.1	3.0	9.6	0.7	15.1
Total Del/Veh (s)	11.4	1.2	12.5	30.5	5.3	16.0
Stop Delay (hr)	1.2	0.0	1.8	7.5	0.0	10.5
Stop Del/Veh (s)	8.2	0.0	7.6	23.6	0.0	11.1
Total Stops	209	0	352	789	1	1351
Stop/Veh	0.40	0.00	0.41	0.69	0.00	0.40
Travel Dist (mi)	25.0	20.3	64.7	160.6	56.8	327.3
Travel Time (hr)	2.3	1.1	4.4	15.5	2.7	26.0
Avg Speed (mph)	11	18	15	10	21	13
Fuel Used (gal)	1.2	0.3	2.0	6.4	1.6	11.4
Vehicles Entered	522	420	863	1118	442	3365
Vehicles Exited	523	421	859	1112	442	3357
Hourly Exit Rate	523	421	859	1112	442	3357
Input Volume	539	435	1088	1095	450	3607
% of Volume	97	97	79	102	98	93
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	1.6	2.3	6.1	1.0	11.0
Total Del/Veh (s)	4.3	9.3	35.4	9.6	12.3
Stop Delay (hr)	0.8	1.7	5.3	1.0	8.8
Stop Del/Veh (s)	2.1	6.9	31.0	8.8	9.8
Total Stops	137	252	495	222	1106
Stop/Veh	0.10	0.28	0.80	0.57	0.34
Travel Dist (mi)	76.5	19.5	53.8	34.7	184.6
Travel Time (hr)	3.3	2.7	8.1	2.5	16.7
Avg Speed (mph)	23	7	7	14	11
Fuel Used (gal)	2.5	1.6	2.7	1.0	7.7
Vehicles Entered	1326	884	601	386	3197
Vehicles Exited	1327	883	602	386	3198
Hourly Exit Rate	1327	883	602	386	3198
Input Volume	1285	1233	616	394	3528
% of Volume	103	72	98	98	91
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	3.3	2.8	0.3	1.1	53.2	1.0	18.8	0.4	1.5	4.7	0.3	2.8
Total Del/Veh (s)	40.8	8.7	4.6	96.8	120.4	137.0	890.0	364.1	344.4	108.7	40.5	39.1
Stop Delay (hr)	2.9	1.1	0.1	0.8	41.3	0.8	19.0	0.4	1.5	4.5	0.3	2.5
Stop Del/Veh (s)	35.6	3.6	2.1	72.0	93.6	120.9	898.0	364.0	346.9	103.0	33.4	35.5
Total Stops	290	324	76	48	985	10	2	4	16	183	30	213
Stop/Veh	0.99	0.28	0.38	1.17	0.62	0.40	0.03	1.00	1.00	1.17	0.97	0.84
Travel Dist (mi)	44.3	175.0	30.4	6.6	250.4	3.9	4.7	0.3	1.4	36.4	7.3	58.1
Travel Time (hr)	4.6	6.7	1.2	1.3	59.1	1.1	19.0	0.4	1.6	5.9	0.6	4.7
Avg Speed (mph)	10	26	25	5	4	4	0	1	1	6	13	12
Fuel Used (gal)	1.7	5.6	0.8	0.5	20.4	0.3	4.5	0.1	0.4	2.2	0.3	2.3
Vehicles Entered	289	1142	199	40	1526	23	55	4	16	156	31	247
Vehicles Exited	284	1142	199	41	1526	25	55	4	16	154	31	248
Hourly Exit Rate	284	1142	199	41	1526	25	55	4	16	154	31	248
Input Volume	281	1121	202	60	2365	44	177	18	40	154	46	266
% of Volume	101	102	99	68	65	57	31	22	40	100	67	93
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	90.2
Total Del/Veh (s)	84.5
Stop Delay (hr)	75.3
Stop Del/Veh (s)	70.6
Total Stops	2181
Stop/Veh	0.57
Travel Dist (mi)	618.7
Travel Time (hr)	106.2
Avg Speed (mph)	6
Fuel Used (gal)	39.1
Vehicles Entered	3728
Vehicles Exited	3725
Hourly Exit Rate	3725
Input Volume	4774
% of Volume	78
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.6
Total Delay (hr)	124.9
Total Del/Veh (s)	1696.9
Stop Delay (hr)	101.4
Stop Del/Veh (s)	1377.4
Total Stops	5626
Stop/Veh	21.23
Travel Dist (mi)	1318.5
Travel Time (hr)	163.7
Avg Speed (mph)	8
Fuel Used (gal)	66.1
Vehicles Entered	164
Vehicles Exited	76
Hourly Exit Rate	76
Input Volume	14506
% of Volume	1
Denied Entry Before	0
Denied Entry After	1

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	8.6	20.9	0.2	27
Total		8.6	20.9	0.2	27

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	120.4	133.7	0.2	4
Total		120.4	133.7	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	T	R	L	L
Maximum Queue (ft)	68	150	290	65	70	124	47	110	47	100	249	257
Average Queue (ft)	22	62	165	13	30	66	22	36	11	54	79	130
95th Queue (ft)	60	121	264	40	70	128	50	73	34	83	153	194
Link Distance (ft)		420	420		295	295	295		499			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	150			525				100		100	200	200
Storage Blk Time (%)		0						1		0		2
Queuing Penalty (veh)		0						2		0		0

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB
Directions Served	TR
Maximum Queue (ft)	239
Average Queue (ft)	24
95th Queue (ft)	94
Link Distance (ft)	496
Upstream Blk Time (%)	
Queuing Penalty (veh)	
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB
Directions Served	T	T	T	T	L	L
Maximum Queue (ft)	142	275	206	294	390	388
Average Queue (ft)	81	99	104	132	250	276
95th Queue (ft)	149	177	175	235	359	376
Link Distance (ft)	205	205	329	329	723	723
Upstream Blk Time (%)		1				
Queuing Penalty (veh)		4				
Storage Bay Dist (ft)						
Storage Blk Time (%)					0	0
Queuing Penalty (veh)					0	0

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	L	L	R	R
Maximum Queue (ft)	109	116	137	132	258	351	103	126
Average Queue (ft)	45	62	74	123	144	209	57	76
95th Queue (ft)	98	103	135	145	240	326	100	131
Link Distance (ft)	231	231	56	56	416	416	416	416
Upstream Blk Time (%)			17	28				
Queuing Penalty (veh)			104	175				
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	232	197	188	77	274	892	914	7554	7554	275	460	89
Average Queue (ft)	153	110	117	41	103	878	886	6263	6270	274	457	11
95th Queue (ft)	233	176	181	66	302	891	905	9250	9238	277	468	45
Link Distance (ft)		763	763			795	795	7502	7502		390	
Upstream Blk Time (%)						66	84	55	55		100	
Queuing Penalty (veh)						0	0	0	0		0	
Storage Bay Dist (ft)	650			210	175					175		185
Storage Blk Time (%)						44				100		
Queuing Penalty (veh)						26				58		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	247	297	275
Average Queue (ft)	2078	153	64	149
95th Queue (ft)	3333	227	219	254
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	31			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		21	2	7
Queuing Penalty (veh)		66	7	14

Zone Summary

Zone wide Queuing Penalty: 457

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	25893
Vehs Exited	24892
Starting Vehs	1864
Ending Vehs	2865
Denied Entry Before	527
Denied Entry After	5346
Travel Distance (mi)	24572
Travel Time (hr)	5087.9
Total Delay (hr)	4311.2
Total Stops	37778
Fuel Used (gal)	1777.4

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60
Volumes adjusted by Growth Factors.	
Vehs Entered	25893
Vehs Exited	24892
Starting Vehs	1864
Ending Vehs	2865
Denied Entry Before	527
Denied Entry After	5346
Travel Distance (mi)	24572
Travel Time (hr)	5087.9
Total Delay (hr)	4311.2
Total Stops	37778
Fuel Used (gal)	1777.4

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.7	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	3.0	2.7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.3	6.1	0.5	1.7	1.1	0.4	1.3	0.0	0.6	22.0	0.4	0.8
Total Del/Veh (s)	43.0	22.2	22.6	44.4	5.8	3.1	56.1	48.1	19.3	114.3	131.7	61.1
Stop Delay (hr)	0.3	4.4	0.4	1.6	0.7	0.0	1.2	0.0	0.5	19.5	0.4	0.7
Stop Del/Veh (s)	39.4	15.9	17.7	42.4	3.5	0.4	53.6	45.1	18.6	101.7	120.0	52.7
Total Stops	24	473	37	129	88	46	68	1	96	787	13	52
Stop/Veh	0.92	0.47	0.49	0.93	0.13	0.10	0.83	1.00	0.93	1.14	1.08	1.16
Travel Dist (mi)	1.9	72.5	5.4	9.1	45.6	30.9	8.4	0.1	10.8	71.0	1.2	4.5
Travel Time (hr)	0.4	9.0	0.8	2.0	2.2	1.8	1.6	0.0	1.0	24.5	0.5	0.9
Avg Speed (mph)	5	9	8	4	21	17	5	6	11	3	2	5
Fuel Used (gal)	0.1	3.7	0.3	0.7	2.6	0.8	0.5	0.0	0.5	7.6	0.1	0.4
Vehicles Entered	26	980	73	137	685	459	79	1	103	664	11	43
Vehicles Exited	26	980	76	136	681	460	82	1	101	682	12	42
Hourly Exit Rate	26	980	76	136	681	460	82	1	101	682	12	42
Input Volume	29	993	77	157	705	527	90	4	113	795	10	39
% of Volume	90	99	99	87	97	87	91	25	89	86	120	108
Denied Entry Before	0	5	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	1	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.9
Denied Del/Veh (s)	1.0
Total Delay (hr)	35.2
Total Del/Veh (s)	38.1
Stop Delay (hr)	29.8
Stop Del/Veh (s)	32.3
Total Stops	1814
Stop/Veh	0.55
Travel Dist (mi)	261.4
Travel Time (hr)	44.7
Avg Speed (mph)	6
Fuel Used (gal)	17.2
Vehicles Entered	3261
Vehicles Exited	3279
Hourly Exit Rate	3279
Input Volume	3539
% of Volume	93
Denied Entry Before	5
Denied Entry After	1

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	All
Denied Delay (hr)	0.2	0.1	0.0	0.0	0.0	0.3
Denied Del/Veh (s)	0.9	0.3	0.0	0.0	0.0	0.2
Total Delay (hr)	8.4	0.6	5.0	22.3	2.0	38.3
Total Del/Veh (s)	30.6	2.8	21.5	45.3	16.7	28.7
Stop Delay (hr)	6.7	0.0	3.8	15.5	0.7	26.7
Stop Del/Veh (s)	24.6	0.0	16.4	31.6	5.6	20.1
Total Stops	482	4	322	1401	136	2345
Stop/Veh	0.49	0.01	0.39	0.79	0.31	0.49
Travel Dist (mi)	45.9	37.2	62.3	251.3	55.9	452.6
Travel Time (hr)	9.6	2.5	6.4	31.4	4.0	53.9
Avg Speed (mph)	5	15	10	8	14	8
Fuel Used (gal)	3.4	0.8	2.3	12.3	2.3	21.1
Vehicles Entered	968	770	825	1741	435	4739
Vehicles Exited	968	766	828	1759	434	4755
Hourly Exit Rate	968	766	828	1759	434	4755
Input Volume	1063	823	973	1820	403	5082
% of Volume	91	93	85	97	108	94
Denied Entry Before	1	0	0	0	0	1
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	7.5	1.7	12.7	5.3	27.2
Total Del/Veh (s)	11.7	6.5	96.7	39.0	23.3
Stop Delay (hr)	3.0	1.1	12.0	5.0	21.0
Stop Del/Veh (s)	4.7	4.2	91.1	36.5	18.1
Total Stops	668	213	537	423	1841
Stop/Veh	0.29	0.23	1.14	0.87	0.44
Travel Dist (mi)	131.7	20.5	40.4	43.7	236.3
Travel Time (hr)	10.4	2.2	14.2	7.2	34.0
Avg Speed (mph)	13	10	3	6	7
Fuel Used (gal)	5.1	1.6	4.0	2.2	12.8
Vehicles Entered	2277	928	465	485	4155
Vehicles Exited	2289	927	438	476	4130
Hourly Exit Rate	2289	927	438	476	4130
Input Volume	2385	1199	465	453	4502
% of Volume	96	77	94	105	92
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	11.6	16.3	1.0	5.1	53.4	1.2	16.0	1.4	3.1	2.0	1.1	0.5
Total Del/Veh (s)	89.8	29.8	16.2	141.6	149.4	161.5	255.6	162.2	110.5	57.0	51.8	19.2
Stop Delay (hr)	10.1	8.0	0.4	4.1	42.9	1.0	15.7	1.3	3.0	1.8	1.0	0.4
Stop Del/Veh (s)	78.0	14.6	5.9	114.5	120.1	141.6	249.8	156.0	106.8	52.8	46.4	17.2
Total Stops	538	934	118	174	1022	19	272	39	75	108	57	47
Stop/Veh	1.16	0.47	0.51	1.34	0.79	0.73	1.20	1.26	0.75	0.86	0.76	0.54
Travel Dist (mi)	68.3	298.7	34.8	20.4	201.6	4.0	18.0	2.7	8.3	29.0	17.2	20.1
Travel Time (hr)	13.6	23.1	2.2	5.7	58.1	1.3	16.8	1.5	3.5	2.9	1.6	1.1
Avg Speed (mph)	5	13	16	4	3	3	1	2	2	10	11	18
Fuel Used (gal)	4.7	12.1	1.2	1.8	19.0	0.4	4.3	0.4	1.0	1.3	0.7	0.7
Vehicles Entered	446	1950	226	127	1229	23	213	31	97	124	75	85
Vehicles Exited	443	1956	230	120	1246	26	208	31	96	121	71	87
Hourly Exit Rate	443	1956	230	120	1246	26	208	31	96	121	71	87
Input Volume	472	1951	254	155	1610	28	316	56	127	95	69	99
% of Volume	94	100	91	77	77	93	66	55	76	127	103	88
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	112.7
Total Del/Veh (s)	85.3
Stop Delay (hr)	89.7
Stop Del/Veh (s)	67.9
Total Stops	3403
Stop/Veh	0.72
Travel Dist (mi)	722.9
Travel Time (hr)	131.4
Avg Speed (mph)	6
Fuel Used (gal)	47.7
Vehicles Entered	4626
Vehicles Exited	4635
Hourly Exit Rate	4635
Input Volume	5232
% of Volume	89
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	1.2
Denied Del/Veh (s)	12.1
Total Delay (hr)	213.3
Total Del/Veh (s)	1896.3
Stop Delay (hr)	167.3
Stop Del/Veh (s)	1486.8
Total Stops	9403
Stop/Veh	23.22
Travel Dist (mi)	1673.2
Travel Time (hr)	264.0
Avg Speed (mph)	6
Fuel Used (gal)	98.9
Vehicles Entered	351
Vehicles Exited	143
Hourly Exit Rate	143
Input Volume	18355
% of Volume	1
Denied Entry Before	6
Denied Entry After	1

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	28.2	40.4	0.2	14
Total		28.2	40.4	0.2	14

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	149.4	162.6	0.2	4
Total		149.4	162.6	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	WB	WB	WB	WB	NB	NB	NB	SB
Directions Served	L	T	TR	T	L	T	T	R	L	T	R	L
Maximum Queue (ft)	91	482	510	135	240	146	140	108	189	214	106	250
Average Queue (ft)	29	221	331	6	86	42	59	35	59	12	45	219
95th Queue (ft)	72	399	477	47	170	107	115	78	119	82	79	319
Link Distance (ft)		420	420	657		295	295	295		499		
Upstream Blk Time (%)		1	3									
Queuing Penalty (veh)		4	12									
Storage Bay Dist (ft)	150				525				100		100	200
Storage Blk Time (%)		13							4	0	1	8
Queuing Penalty (veh)		4							5	0	1	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB	B19
Directions Served	L	TR	T
Maximum Queue (ft)	300	588	3476
Average Queue (ft)	299	572	2317
95th Queue (ft)	302	582	3399
Link Distance (ft)		496	4152
Upstream Blk Time (%)		63	
Queuing Penalty (veh)		0	
Storage Bay Dist (ft)	200		
Storage Blk Time (%)	67		
Queuing Penalty (veh)	33		

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	B34	B34
Directions Served	T	T	T	T	L	L	R	T	T
Maximum Queue (ft)	312	302	236	260	798	810	500	673	637
Average Queue (ft)	239	251	130	162	579	612	308	72	112
95th Queue (ft)	317	318	216	232	845	891	701	344	418
Link Distance (ft)	205	205	329	329	723	723		6910	6910
Upstream Blk Time (%)	20	24			6	10			
Queuing Penalty (veh)	121	145			0	0			
Storage Bay Dist (ft)							400		
Storage Blk Time (%)						26			
Queuing Penalty (veh)						106			

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	NB	NB	NB	NB	B32	B32
Directions Served	T	T	T	T	L	L	R	R	T	T
Maximum Queue (ft)	322	320	132	132	416	487	252	271	130	208
Average Queue (ft)	245	293	91	109	227	289	156	166	4	15
95th Queue (ft)	322	348	148	160	405	459	226	243	43	99
Link Distance (ft)	231	231	56	56	416	416	416	416	6187	6187
Upstream Blk Time (%)	6	12	11	16	0	7				
Queuing Penalty (veh)	70	144	67	97	0	0				
Storage Bay Dist (ft)										
Storage Blk Time (%)										
Queuing Penalty (veh)										

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	739	794	691	310	275	909	896	6570	6564	275	497	285
Average Queue (ft)	389	371	366	176	188	878	884	3491	3512	274	463	59
95th Queue (ft)	609	575	525	396	345	895	898	6642	6658	275	476	172
Link Distance (ft)		763	763			795	795	7502	7502		390	
Upstream Blk Time (%)		0				64	79				86	
Queuing Penalty (veh)		1				0	0				0	
Storage Bay Dist (ft)	650			210	175					175		185
Storage Blk Time (%)	2	0	23		1	53				91		0
Queuing Penalty (veh)	16	0	58		8	83				167		0

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	244	138	90
Average Queue (ft)	2264	92	52	38
95th Queue (ft)	3454	166	118	80
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	38			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		2	0	
Queuing Penalty (veh)		4	0	

Zone Summary

Zone wide Queuing Penalty: 1149

2050 Alternative 2

Port Ramps with Improved ParClo Triple Lefts EB Off-ramp

AM & PM Peak Hour

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	23117
Vehs Exited	22351
Starting Vehs	1633
Ending Vehs	2399
Denied Entry Before	162
Denied Entry After	4102
Travel Distance (mi)	20752
Travel Time (hr)	4098.4
Total Delay (hr)	3442.6
Total Stops	31823
Fuel Used (gal)	1459.0

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60
Volumes adjusted by Growth Factors.	
Vehs Entered	23117
Vehs Exited	22351
Starting Vehs	1633
Ending Vehs	2399
Denied Entry Before	162
Denied Entry After	4102
Travel Distance (mi)	20752
Travel Time (hr)	4098.4
Total Delay (hr)	3442.6
Total Stops	31823
Fuel Used (gal)	1459.0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	1.0	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.3	2.6	0.3	0.1	1.1	0.3	0.5	0.2	1.1	7.3	0.1	0.1
Total Del/Veh (s)	44.0	16.9	16.3	24.4	6.1	2.3	38.6	48.6	18.3	66.4	68.3	14.2
Stop Delay (hr)	0.2	1.9	0.3	0.1	0.6	0.0	0.5	0.2	1.0	6.5	0.1	0.1
Stop Del/Veh (s)	41.8	12.7	13.5	22.1	3.3	0.2	36.3	44.2	17.0	59.5	64.5	12.6
Total Stops	22	219	37	16	107	31	31	14	204	399	2	27
Stop/Veh	1.05	0.40	0.54	0.89	0.16	0.07	0.66	0.88	0.93	1.01	0.67	1.04
Travel Dist (mi)	1.6	42.4	5.3	1.2	43.2	29.7	4.8	1.7	23.3	40.7	0.2	2.8
Travel Time (hr)	0.3	3.8	0.5	0.2	2.1	1.6	0.7	0.3	2.0	8.7	0.1	0.2
Avg Speed (mph)	5	11	10	7	20	19	7	6	11	5	3	13
Fuel Used (gal)	0.1	1.7	0.2	0.1	2.3	0.8	0.3	0.1	0.9	3.0	0.0	0.1
Vehicles Entered	21	547	69	18	650	440	45	15	217	384	2	26
Vehicles Exited	21	548	69	18	650	444	47	16	219	392	3	26
Hourly Exit Rate	21	548	69	18	650	444	47	16	219	392	3	26
Input Volume	21	530	71	22	765	523	50	11	191	394	1	25
% of Volume	100	103	97	82	85	85	94	145	115	99	300	104
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	14.0
Total Del/Veh (s)	20.4
Stop Delay (hr)	11.5
Stop Del/Veh (s)	16.8
Total Stops	1109
Stop/Veh	0.45
Travel Dist (mi)	196.8
Travel Time (hr)	20.5
Avg Speed (mph)	10
Fuel Used (gal)	9.5
Vehicles Entered	2434
Vehicles Exited	2453
Hourly Exit Rate	2453
Input Volume	2604
% of Volume	94
Denied Entry Before	0
Denied Entry After	0

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	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)	1.5	0.2	3.2	13.6	0.6	19.1
Total Del/Veh (s)	9.7	1.7	13.3	45.2	5.1	20.3
Stop Delay (hr)	1.0	0.0	1.9	11.9	0.0	14.8
Stop Del/Veh (s)	6.7	0.0	7.7	39.4	0.0	15.7
Total Stops	164	0	347	858	0	1369
Stop/Veh	0.30	0.00	0.40	0.79	0.00	0.40
Travel Dist (mi)	25.5	21.4	64.4	151.4	54.7	317.4
Travel Time (hr)	2.1	1.3	4.7	19.1	2.5	29.7
Avg Speed (mph)	12	17	14	8	22	11
Fuel Used (gal)	1.6	0.6	1.9	7.2	1.5	12.8
Vehicles Entered	542	453	872	1055	429	3351
Vehicles Exited	543	453	868	1062	429	3355
Hourly Exit Rate	543	453	868	1062	429	3355
Input Volume	539	435	1088	1095	450	3607
% of Volume	101	104	80	97	95	93
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	1.3	2.3	8.6	0.8	13.1
Total Del/Veh (s)	3.7	10.0	48.8	7.7	15.1
Stop Delay (hr)	0.6	1.8	7.7	0.8	10.8
Stop Del/Veh (s)	1.6	7.6	43.6	7.0	12.4
Total Stops	107	194	535	225	1061
Stop/Veh	0.08	0.23	0.84	0.57	0.34
Travel Dist (mi)	72.2	18.6	54.6	34.7	180.0
Travel Time (hr)	2.9	2.7	10.7	2.3	18.7
Avg Speed (mph)	25	7	5	15	10
Fuel Used (gal)	2.4	1.7	3.3	0.9	8.4
Vehicles Entered	1258	832	627	396	3113
Vehicles Exited	1252	833	629	392	3106
Hourly Exit Rate	1252	833	629	392	3106
Input Volume	1285	1233	616	394	3528
% of Volume	97	68	102	99	88
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	2.7	2.4	0.3	1.0	54.4	0.9	18.2	1.4	0.9	7.8	1.0	4.8
Total Del/Veh (s)	37.2	7.8	5.6	104.3	134.8	153.4	922.9	391.7	372.9	175.9	90.3	64.5
Stop Delay (hr)	2.4	1.2	0.2	0.8	44.2	0.8	18.3	1.4	0.9	7.4	0.9	4.3
Stop Del/Veh (s)	32.3	3.9	2.8	80.1	109.7	136.6	929.6	390.8	374.5	167.4	81.3	57.9
Total Stops	243	253	69	37	882	15	6	11	9	221	47	262
Stop/Veh	0.92	0.23	0.36	1.09	0.61	0.68	0.08	0.85	1.00	1.39	1.24	0.98
Travel Dist (mi)	40.1	167.6	29.1	5.4	227.8	3.5	4.4	0.9	0.7	36.8	8.8	61.2
Travel Time (hr)	3.9	6.2	1.2	1.1	59.7	1.1	18.4	1.5	1.0	8.9	1.2	6.8
Avg Speed (mph)	10	27	24	5	4	3	0	1	1	4	7	9
Fuel Used (gal)	1.5	6.0	0.8	0.4	20.0	0.3	4.3	0.4	0.2	2.8	0.5	2.8
Vehicles Entered	262	1097	192	33	1385	20	53	12	7	156	38	261
Vehicles Exited	260	1093	188	34	1396	21	52	11	9	152	37	261
Hourly Exit Rate	260	1093	188	34	1396	21	52	11	9	152	37	261
Input Volume	281	1121	202	60	2365	44	177	18	40	154	46	266
% of Volume	93	98	93	57	59	48	29	61	22	99	80	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	95.8
Total Del/Veh (s)	95.1
Stop Delay (hr)	82.8
Stop Del/Veh (s)	82.2
Total Stops	2055
Stop/Veh	0.57
Travel Dist (mi)	586.6
Travel Time (hr)	111.0
Avg Speed (mph)	5
Fuel Used (gal)	40.1
Vehicles Entered	3516
Vehicles Exited	3514
Hourly Exit Rate	3514
Input Volume	4774
% of Volume	74
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.9
Total Delay (hr)	141.9
Total Del/Veh (s)	2129.0
Stop Delay (hr)	119.9
Stop Del/Veh (s)	1797.9
Total Stops	5594
Stop/Veh	23.31
Travel Dist (mi)	1280.8
Travel Time (hr)	179.9
Avg Speed (mph)	7
Fuel Used (gal)	70.7
Vehicles Entered	163
Vehicles Exited	68
Hourly Exit Rate	68
Input Volume	14513
% of Volume	0
Denied Entry Before	0
Denied Entry After	0

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	7.8	20.1	0.2	28
Total		7.8	20.1	0.2	28

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	134.8	148.0	0.2	4
Total		134.8	148.0	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	T	R	L	L
Maximum Queue (ft)	70	248	347	70	246	255	43	80	92	158	250	300
Average Queue (ft)	27	70	220	12	40	79	15	36	18	87	132	227
95th Queue (ft)	66	193	337	39	115	161	36	72	59	134	275	333
Link Distance (ft)		420	420		295	295	295		511			
Upstream Blk Time (%)												
Queuing Penalty (veh)												
Storage Bay Dist (ft)	150			525				100		100	200	200
Storage Blk Time (%)		1						0	0	5	1	23
Queuing Penalty (veh)		0						0	0	3	0	6

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB
Directions Served	TR
Maximum Queue (ft)	563
Average Queue (ft)	145
95th Queue (ft)	463
Link Distance (ft)	496
Upstream Blk Time (%)	2
Queuing Penalty (veh)	0
Storage Bay Dist (ft)	
Storage Blk Time (%)	
Queuing Penalty (veh)	

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB
Directions Served	T	T	T	T	L	L	L
Maximum Queue (ft)	142	172	291	255	321	386	391
Average Queue (ft)	54	109	133	147	207	251	285
95th Queue (ft)	114	182	228	250	312	357	370
Link Distance (ft)	199	199	323	323	718	718	718
Upstream Blk Time (%)							
Queuing Penalty (veh)							
Storage Bay Dist (ft)							
Storage Blk Time (%)							
Queuing Penalty (veh)							

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	EB	WB	WB	NB	NB	NB	NB	B32
Directions Served	T	T	T	T	T	L	L	R	R	T
Maximum Queue (ft)	91	101	118	133	133	403	475	123	148	30
Average Queue (ft)	23	32	49	77	111	205	273	54	63	1
95th Queue (ft)	65	79	106	143	142	304	383	103	121	10
Link Distance (ft)	209	209	209	56	56	404	404	404	404	6187
Upstream Blk Time (%)						17	28	0	1	
Queuing Penalty (veh)						106	171	0	0	
Storage Bay Dist (ft)										
Storage Blk Time (%)										
Queuing Penalty (veh)										

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	288	302	278	98	275	910	913	7554	7554	275	479	285
Average Queue (ft)	152	105	112	43	86	880	887	6922	6914	274	458	15
95th Queue (ft)	262	209	225	82	274	901	907	8954	8943	277	470	99
Link Distance (ft)	764	764	764			795	795	7502	7502		390	
Upstream Blk Time (%)						72	85	73	72		100	
Queuing Penalty (veh)						0	0	0	0		0	
Storage Bay Dist (ft)				210	175						175	185
Storage Blk Time (%)			1			42				100		
Queuing Penalty (veh)			2			25				58		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	250	718	275
Average Queue (ft)	1858	195	219	197
95th Queue (ft)	3256	284	603	307
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	17			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		57	1	16
Queuing Penalty (veh)		177	3	32

Zone Summary

Zone wide Queuing Penalty: 584

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	26062
Vehs Exited	24923
Starting Vehs	1758
Ending Vehs	2897
Denied Entry Before	606
Denied Entry After	5357
Travel Distance (mi)	24534
Travel Time (hr)	5236.3
Total Delay (hr)	4460.8
Total Stops	38274
Fuel Used (gal)	1817.9

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60
Volumes adjusted by Growth Factors.	
Vehs Entered	26062
Vehs Exited	24923
Starting Vehs	1758
Ending Vehs	2897
Denied Entry Before	606
Denied Entry After	5357
Travel Distance (mi)	24534
Travel Time (hr)	5236.3
Total Delay (hr)	4460.8
Total Stops	38274
Fuel Used (gal)	1817.9

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	1.7	46.9	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	264.5	160.1	137.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	12.7	1.2	2.8	1.1	0.4	1.0	0.2	1.6	23.3	0.4	0.5
Total Del/Veh (s)	42.1	47.2	49.1	69.6	6.1	2.9	48.6	85.8	42.3	144.7	144.1	68.7
Stop Delay (hr)	0.2	10.0	0.9	2.8	0.6	0.0	0.9	0.2	1.6	21.4	0.3	0.4
Stop Del/Veh (s)	38.2	37.1	39.9	67.4	3.6	0.2	46.1	81.2	41.3	132.6	134.4	60.5
Total Stops	20	664	62	130	85	34	54	7	123	674	9	34
Stop/Veh	1.00	0.69	0.73	0.88	0.13	0.08	0.74	1.00	0.91	1.16	1.00	1.31
Travel Dist (mi)	1.3	73.0	6.5	9.5	42.7	29.7	7.7	0.7	14.3	58.8	0.9	2.8
Travel Time (hr)	2.0	61.6	4.9	3.2	2.1	1.7	1.3	0.2	2.1	25.4	0.4	0.6
Avg Speed (mph)	5	5	5	3	21	18	6	4	7	2	2	5
Fuel Used (gal)	0.5	15.9	1.3	1.0	2.5	0.8	0.5	0.1	0.8	7.4	0.1	0.2
Vehicles Entered	20	960	85	143	642	442	72	7	134	550	8	26
Vehicles Exited	20	946	82	143	643	447	73	7	134	560	9	26
Hourly Exit Rate	20	946	82	143	643	447	73	7	134	560	9	26
Input Volume	29	993	77	157	705	527	90	4	113	795	10	39
% of Volume	69	95	106	91	91	85	81	175	119	70	90	67
Denied Entry Before	1	17	1	0	0	0	0	0	0	0	0	0
Denied Entry After	3	94	5	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	52.0
Denied Del/Veh (s)	58.7
Total Delay (hr)	45.2
Total Del/Veh (s)	51.9
Stop Delay (hr)	39.3
Stop Del/Veh (s)	45.1
Total Stops	1896
Stop/Veh	0.60
Travel Dist (mi)	248.0
Travel Time (hr)	105.4
Avg Speed (mph)	5
Fuel Used (gal)	31.0
Vehicles Entered	3089
Vehicles Exited	3090
Hourly Exit Rate	3090
Input Volume	3539
% of Volume	87
Denied Entry Before	19
Denied Entry After	102

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	All
Denied Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.5	0.1	0.0	0.0	0.0	0.1
Total Delay (hr)	5.4	0.5	6.5	21.1	1.0	34.5
Total Del/Veh (s)	21.0	2.5	28.5	38.9	8.7	25.8
Stop Delay (hr)	4.2	0.0	5.0	16.0	0.1	25.3
Stop Del/Veh (s)	16.5	0.0	21.8	29.4	1.3	18.9
Total Stops	341	1	532	1421	45	2340
Stop/Veh	0.37	0.00	0.64	0.73	0.11	0.49
Travel Dist (mi)	42.4	33.4	61.1	276.6	51.3	464.8
Travel Time (hr)	6.5	2.2	7.9	31.2	2.8	50.5
Avg Speed (mph)	7	16	8	9	18	9
Fuel Used (gal)	3.2	0.8	2.8	12.5	1.7	21.0
Vehicles Entered	917	711	826	1920	403	4777
Vehicles Exited	909	712	818	1943	401	4783
Hourly Exit Rate	909	712	818	1943	401	4783
Input Volume	1063	823	973	1820	403	5082
% of Volume	86	87	84	107	100	94
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	1	0	0	0	0	1

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	4.6	2.0	7.4	3.5	17.6
Total Del/Veh (s)	7.0	7.9	55.2	27.7	15.0
Stop Delay (hr)	2.6	1.5	6.8	3.3	14.2
Stop Del/Veh (s)	4.0	5.7	50.5	26.1	12.1
Total Stops	419	185	421	366	1391
Stop/Veh	0.18	0.20	0.87	0.79	0.33
Travel Dist (mi)	135.7	20.5	40.7	39.4	236.3
Travel Time (hr)	7.7	2.5	9.0	5.2	24.4
Avg Speed (mph)	18	8	5	8	10
Fuel Used (gal)	4.1	1.7	2.7	1.7	10.1
Vehicles Entered	2367	918	469	448	4202
Vehicles Exited	2357	919	463	452	4191
Hourly Exit Rate	2357	919	463	452	4191
Input Volume	2385	1199	465	453	4502
% of Volume	99	77	100	100	93
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	23.6	16.6	1.1	5.1	54.0	1.6	16.2	2.0	2.2	1.2	0.9	0.5
Total Del/Veh (s)	169.8	30.5	16.5	148.3	155.5	175.7	262.0	206.8	106.7	50.9	44.6	20.0
Stop Delay (hr)	21.4	9.0	0.4	4.2	44.0	1.4	16.0	2.0	2.1	1.1	0.8	0.4
Stop Del/Veh (s)	153.6	16.7	6.8	122.2	126.7	154.8	257.5	202.1	102.4	47.5	40.0	18.5
Total Stops	822	1095	147	187	1002	25	226	40	68	69	54	49
Stop/Veh	1.64	0.56	0.63	1.50	0.80	0.76	1.01	1.14	0.91	0.81	0.78	0.57
Travel Dist (mi)	72.3	296.2	35.4	19.6	196.0	5.2	17.4	3.0	6.3	19.9	16.0	20.1
Travel Time (hr)	25.7	23.2	2.2	5.7	58.6	1.8	17.0	2.1	2.5	1.8	1.3	1.2
Avg Speed (mph)	3	13	16	3	3	3	1	1	2	11	12	17
Fuel Used (gal)	7.3	12.5	1.3	1.8	18.9	0.5	4.4	0.6	0.8	0.9	0.6	0.7
Vehicles Entered	482	1928	231	122	1198	32	206	35	72	85	69	86
Vehicles Exited	465	1938	230	117	1204	31	204	33	73	82	65	85
Hourly Exit Rate	465	1938	230	117	1204	31	204	33	73	82	65	85
Input Volume	472	1951	254	155	1610	28	316	56	127	95	69	99
% of Volume	99	99	91	75	75	111	65	59	57	86	94	86
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	125.0
Total Del/Veh (s)	96.5
Stop Delay (hr)	102.9
Stop Del/Veh (s)	79.4
Total Stops	3784
Stop/Veh	0.81
Travel Dist (mi)	707.5
Travel Time (hr)	143.2
Avg Speed (mph)	5
Fuel Used (gal)	50.3
Vehicles Entered	4546
Vehicles Exited	4527
Hourly Exit Rate	4527
Input Volume	5232
% of Volume	87
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	52.2
Denied Del/Veh (s)	469.4
Total Delay (hr)	222.4
Total Del/Veh (s)	2026.5
Stop Delay (hr)	181.7
Stop Del/Veh (s)	1656.4
Total Stops	9411
Stop/Veh	23.83
Travel Dist (mi)	1656.6
Travel Time (hr)	323.5
Avg Speed (mph)	6
Fuel Used (gal)	112.3
Vehicles Entered	297
Vehicles Exited	133
Hourly Exit Rate	133
Input Volume	18355
% of Volume	1
Denied Entry Before	19
Denied Entry After	103

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	29.4	41.7	0.2	14
Total		29.4	41.7	0.2	14

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	155.5	168.8	0.2	4
Total		155.5	168.8	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	B66	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	T	T	L	T	T	R	L	T	R
Maximum Queue (ft)	242	449	528	171	359	199	121	126	70	116	129	183
Average Queue (ft)	41	298	499	29	143	109	38	59	20	52	24	76
95th Queue (ft)	137	484	550	125	290	181	99	115	52	95	89	130
Link Distance (ft)		420	420	657	657		295	295	295		511	
Upstream Blk Time (%)		1	30									
Queuing Penalty (veh)		4	121									
Storage Bay Dist (ft)	150					525				100		100
Storage Blk Time (%)		21								2	2	7
Queuing Penalty (veh)		6								3	3	6

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB	SB	B19
Directions Served	L	L	TR	T
Maximum Queue (ft)	250	300	588	4186
Average Queue (ft)	231	299	572	3601
95th Queue (ft)	315	300	582	4970
Link Distance (ft)			496	4152
Upstream Blk Time (%)			74	47
Queuing Penalty (veh)			0	0
Storage Bay Dist (ft)	200	200		
Storage Blk Time (%)	5	76		
Queuing Penalty (veh)	2	37		

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	SB	B34
Directions Served	T	T	T	T	L	L	L	R	T
Maximum Queue (ft)	215	251	313	405	536	713	788	500	180
Average Queue (ft)	180	208	188	253	341	390	446	133	10
95th Queue (ft)	236	249	305	378	475	555	657	498	71
Link Distance (ft)	199	199	323	323	718	718	718		6907
Upstream Blk Time (%)	8	32	0	3		0	1		
Queuing Penalty (veh)	50	195	0	13		0	0		
Storage Bay Dist (ft)								400	
Storage Blk Time (%)							12		
Queuing Penalty (veh)							48		

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	T	L	L	R	R
Maximum Queue (ft)	192	250	318	133	133	262	412	201	192
Average Queue (ft)	89	125	163	62	120	146	237	129	136
95th Queue (ft)	166	216	269	129	152	262	359	193	196
Link Distance (ft)	209	209	209	56	56	404	404	404	404
Upstream Blk Time (%)	0	1	3	9	23		0		
Queuing Penalty (veh)	0	7	26	56	138		0		
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 15: Belle Point & Long Point Rd.

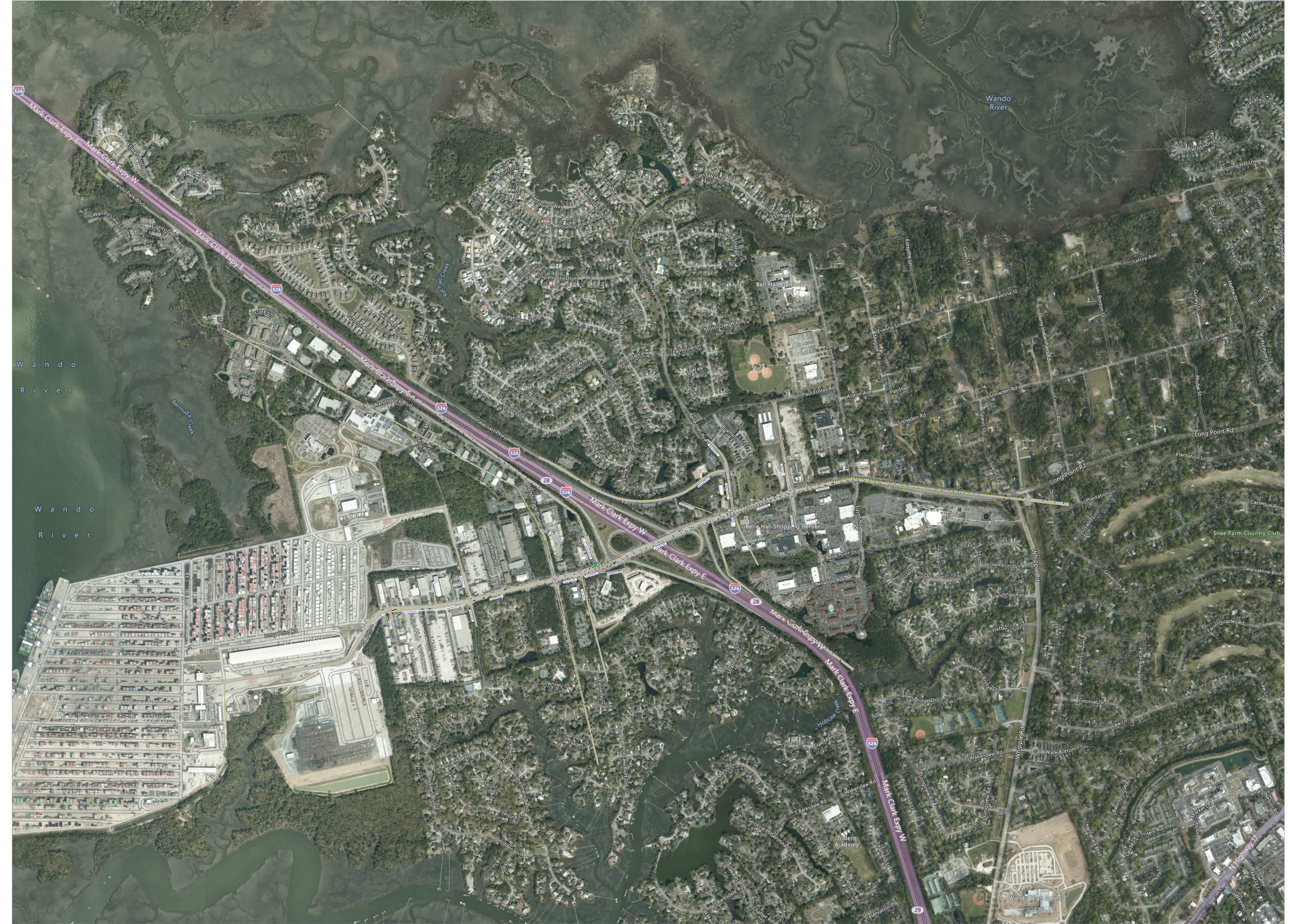
Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	809	816	828	310	275	892	914	6678	6701	275	475	285
Average Queue (ft)	662	561	530	167	192	875	884	3332	3355	274	460	44
95th Queue (ft)	885	875	827	383	350	886	903	6644	6663	276	465	129
Link Distance (ft)	764	764	764			795	795	7502	7502		390	
Upstream Blk Time (%)	27	4	10			65	81				87	
Queuing Penalty (veh)	238	33	90			0	0				0	
Storage Bay Dist (ft)				210	175					175		185
Storage Blk Time (%)			26		3	53				94		
Queuing Penalty (veh)			67		22	83				171		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2916	101	115	111
Average Queue (ft)	1640	64	48	43
95th Queue (ft)	2924	101	102	97
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	11			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)				
Queuing Penalty (veh)				

Zone Summary

Zone wide Queuing Penalty: 1420



2050 Alternative 5

Flyover 2050 Dual Lefts EB Off-ramp

AM & PM Peak Hour

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	24830
Vehs Exited	23760
Starting Vehs	1864
Ending Vehs	2934
Denied Entry Before	141
Denied Entry After	4748
Travel Distance (mi)	21805
Travel Time (hr)	4875.2
Total Delay (hr)	4186.5
Total Stops	38141
Fuel Used (gal)	1662.6

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15

Volumes adjusted by Growth Factors.

No data recorded this interval.

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Vehs Entered	24830
Vehs Exited	23760
Starting Vehs	1864
Ending Vehs	2934
Denied Entry Before	141
Denied Entry After	4748
Travel Distance (mi)	21805
Travel Time (hr)	4875.2
Total Delay (hr)	4186.5
Total Stops	38141
Fuel Used (gal)	1662.6

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	4.3	1.4	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.8	6.2	0.1	0.5	3.3	0.2	0.1	0.3	1.2	8.1	0.0	0.1
Total Del/Veh (s)	100.5	15.0	23.8	26.1	9.1	2.0	51.4	66.9	18.4	70.2	49.4	14.9
Stop Delay (hr)	0.7	4.1	0.1	0.5	1.7	0.1	0.1	0.2	1.1	7.5	0.0	0.1
Stop Del/Veh (s)	96.5	9.9	19.5	23.5	4.8	0.4	49.7	63.1	17.6	64.7	44.2	13.1
Total Stops	30	536	8	66	301	43	6	12	205	414	2	19
Stop/Veh	1.11	0.36	0.67	0.94	0.23	0.10	1.00	0.86	0.88	1.00	0.67	0.79
Travel Dist (mi)	2.2	109.8	1.0	4.7	83.7	29.3	0.6	1.4	24.2	42.5	0.3	2.5
Travel Time (hr)	0.9	9.9	0.1	0.7	5.3	1.5	0.1	0.3	2.1	9.6	0.1	0.2
Avg Speed (mph)	3	12	8	7	16	19	6	5	11	4	6	13
Fuel Used (gal)	0.2	5.0	0.0	0.3	4.9	0.8	0.0	0.1	1.0	3.2	0.0	0.1
Vehicles Entered	26	1476	12	70	1302	436	6	13	231	401	3	24
Vehicles Exited	26	1476	12	70	1304	435	6	14	226	403	3	23
Hourly Exit Rate	26	1476	12	70	1304	435	6	14	226	403	3	23
Input Volume	21	1452	8	85	1565	523	4	11	237	394	1	25
% of Volume	124	102	150	82	83	83	150	127	95	102	300	92
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.6
Denied Del/Veh (s)	0.6
Total Delay (hr)	20.8
Total Del/Veh (s)	18.6
Stop Delay (hr)	16.2
Stop Del/Veh (s)	14.5
Total Stops	1642
Stop/Veh	0.41
Travel Dist (mi)	302.1
Travel Time (hr)	30.8
Avg Speed (mph)	10
Fuel Used (gal)	15.7
Vehicles Entered	4000
Vehicles Exited	3998
Hourly Exit Rate	3998
Input Volume	4326
% of Volume	92
Denied Entry Before	0
Denied Entry After	0

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	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)	0.5	0.2	5.1	12.5	14.1	32.4
Total Del/Veh (s)	7.7	1.6	21.0	48.6	47.9	32.7
Stop Delay (hr)	0.4	0.0	3.4	10.2	6.8	20.7
Stop Del/Veh (s)	5.9	0.0	13.9	39.7	23.0	20.9
Total Stops	57	1	455	743	473	1729
Stop/Veh	0.23	0.00	0.52	0.80	0.45	0.48
Travel Dist (mi)	10.9	21.8	65.5	130.5	134.1	362.8
Travel Time (hr)	0.8	1.3	6.6	17.2	18.8	44.7
Avg Speed (mph)	14	17	10	8	7	8
Fuel Used (gal)	0.6	0.6	2.4	6.8	7.3	17.7
Vehicles Entered	243	464	872	899	1044	3522
Vehicles Exited	243	464	872	900	1039	3518
Hourly Exit Rate	243	464	872	900	1039	3518
Input Volume	229	435	1088	1095	1261	4108
% of Volume	106	107	80	82	82	86
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	1.1	2.2	8.3	0.9	12.5
Total Del/Veh (s)	3.5	9.4	46.8	7.3	14.8
Stop Delay (hr)	0.5	1.6	7.4	0.8	10.3
Stop Del/Veh (s)	1.7	7.1	41.5	6.4	12.3
Total Stops	83	189	532	176	980
Stop/Veh	0.07	0.23	0.83	0.41	0.32
Travel Dist (mi)	64.6	18.3	56.5	38.0	177.4
Travel Time (hr)	2.5	2.6	10.5	2.5	18.1
Avg Speed (mph)	26	7	5	15	10
Fuel Used (gal)	2.1	1.6	3.3	1.0	8.0
Vehicles Entered	1122	829	639	425	3015
Vehicles Exited	1122	832	616	418	2988
Hourly Exit Rate	1122	832	616	418	2988
Input Volume	1285	1233	616	394	3528
% of Volume	87	67	100	106	85
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	2.8	1.7	0.2	0.7	54.1	1.0	17.9	1.7	1.3	12.5	2.3	9.0
Total Del/Veh (s)	42.8	5.9	3.8	102.6	126.0	128.2	807.0	406.6	224.1	253.0	166.9	127.9
Stop Delay (hr)	2.5	0.9	0.1	0.6	43.1	0.8	18.0	1.7	1.3	11.8	2.1	8.1
Stop Del/Veh (s)	38.3	3.0	1.9	83.1	100.6	108.6	808.8	405.1	223.7	239.6	151.2	115.4
Total Stops	224	210	50	31	901	12	28	14	21	341	93	401
Stop/Veh	0.97	0.20	0.26	1.19	0.58	0.44	0.35	0.93	1.00	1.92	1.90	1.58
Travel Dist (mi)	35.3	159.7	29.2	4.1	242.6	4.2	5.3	1.1	1.7	40.1	11.4	58.1
Travel Time (hr)	3.8	5.3	1.1	0.9	59.8	1.1	18.2	1.7	1.4	13.8	2.6	11.0
Avg Speed (mph)	9	30	26	5	4	4	0	1	1	3	4	5
Fuel Used (gal)	1.5	5.3	0.8	0.3	20.3	0.3	4.3	0.4	0.4	4.0	0.9	3.7
Vehicles Entered	231	1043	191	24	1467	27	62	13	20	173	49	248
Vehicles Exited	228	1053	189	26	1494	24	63	12	20	161	46	243
Hourly Exit Rate	228	1053	189	26	1494	24	63	12	20	161	46	243
Input Volume	281	1121	202	60	2365	44	177	18	40	154	46	266
% of Volume	81	94	94	43	63	55	36	67	50	105	100	91
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	105.1
Total Del/Veh (s)	103.0
Stop Delay (hr)	91.0
Stop Del/Veh (s)	89.1
Total Stops	2326
Stop/Veh	0.63
Travel Dist (mi)	592.7
Travel Time (hr)	120.6
Avg Speed (mph)	5
Fuel Used (gal)	42.2
Vehicles Entered	3548
Vehicles Exited	3559
Hourly Exit Rate	3559
Input Volume	4774
% of Volume	75
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	0.6
Denied Del/Veh (s)	5.9
Total Delay (hr)	170.8
Total Del/Veh (s)	1094.4
Stop Delay (hr)	138.2
Stop Del/Veh (s)	885.4
Total Stops	6677
Stop/Veh	11.88
Travel Dist (mi)	1435.0
Travel Time (hr)	214.1
Avg Speed (mph)	7
Fuel Used (gal)	83.6
Vehicles Entered	391
Vehicles Exited	334
Hourly Exit Rate	334
Input Volume	16736
% of Volume	2
Denied Entry Before	0
Denied Entry After	0

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	5.8	18.0	0.2	32
Total		5.8	18.0	0.2	32

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	126.0	139.3	0.2	4
Total		126.0	139.3	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	B66	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	T	T	L	T	T	R	L	T	R
Maximum Queue (ft)	249	528	510	185	148	91	289	280	87	25	130	189
Average Queue (ft)	54	288	327	10	7	38	126	157	22	6	19	81
95th Queue (ft)	143	470	489	73	54	75	232	253	58	22	64	154
Link Distance (ft)		420	420	657	657		295	295	295		499	
Upstream Blk Time (%)		1	2				0	0				
Queuing Penalty (veh)		8	12				0	0				
Storage Bay Dist (ft)	150					525				100		100
Storage Blk Time (%)		18					0				1	9
Queuing Penalty (veh)		4					0				1	1

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB	SB
Directions Served	L	L	TR
Maximum Queue (ft)	250	299	447
Average Queue (ft)	155	190	36
95th Queue (ft)	243	274	183
Link Distance (ft)			496
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	200	200	
Storage Blk Time (%)	3	16	
Queuing Penalty (veh)	1	4	

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	B34	B34
Directions Served	T	T	T	T	L	L	R	T	T
Maximum Queue (ft)	79	94	412	411	718	810	500	6962	6962
Average Queue (ft)	30	35	165	188	320	562	250	5247	5268
95th Queue (ft)	72	78	294	323	520	964	662	8040	8028
Link Distance (ft)	205	205	329	329	723	723		6910	6910
Upstream Blk Time (%)			1	3	0	13		34	35
Queuing Penalty (veh)			7	15	0	0		0	0
Storage Bay Dist (ft)							400		
Storage Blk Time (%)						3	13		
Queuing Penalty (veh)						32	70		

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	L	L	R	R
Maximum Queue (ft)	132	115	136	132	415	462	128	150
Average Queue (ft)	45	36	79	105	227	270	50	67
95th Queue (ft)	98	79	135	146	368	393	101	119
Link Distance (ft)	231	231	56	56	416	416	416	416
Upstream Blk Time (%)			17	25	0	1		
Queuing Penalty (veh)			105	155	0	0		
Storage Bay Dist (ft)								
Storage Blk Time (%)								
Queuing Penalty (veh)								

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	265	243	204	77	274	892	913	7554	7536	275	460	68
Average Queue (ft)	145	92	95	33	60	880	885	6622	6631	273	456	13
95th Queue (ft)	254	179	182	72	220	895	904	9182	9170	276	467	50
Link Distance (ft)		763	763			795	795	7502	7502		390	
Upstream Blk Time (%)						68	83	66	66		98	
Queuing Penalty (veh)						0	0	0	0		0	
Storage Bay Dist (ft)	650			210	175					175		185
Storage Blk Time (%)			0			43				99		
Queuing Penalty (veh)			0			26				58		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	249	903	275
Average Queue (ft)	2277	236	554	237
95th Queue (ft)	3494	284	955	336
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	41			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		82	0	28
Queuing Penalty (veh)		254	0	56

Zone Summary

Zone wide Queuing Penalty: 811

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	26216
Vehs Exited	25226
Starting Vehs	1863
Ending Vehs	2853
Denied Entry Before	591
Denied Entry After	5662
Travel Distance (mi)	24479
Travel Time (hr)	5461.9
Total Delay (hr)	4687.7
Total Stops	38318
Fuel Used (gal)	1859.4

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15

Volumes adjusted by Growth Factors.
 No data recorded this interval.

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Vehs Entered	26216
Vehs Exited	25226
Starting Vehs	1863
Ending Vehs	2853
Denied Entry Before	591
Denied Entry After	5662
Travel Distance (mi)	24479
Travel Time (hr)	5461.9
Total Delay (hr)	4687.7
Total Stops	38318
Fuel Used (gal)	1859.4

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.4	3.5	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.4	10.6	0.1	2.7	1.5	0.4	0.3	0.1	1.3	24.9	0.3	0.5
Total Del/Veh (s)	50.2	27.1	23.2	53.0	7.6	3.4	58.3	73.4	23.9	131.8	105.3	67.9
Stop Delay (hr)	0.4	7.9	0.1	2.6	0.9	0.1	0.3	0.1	1.3	22.6	0.2	0.4
Stop Del/Veh (s)	44.3	20.0	16.6	50.5	4.6	0.6	55.8	68.6	22.7	119.5	92.4	60.7
Total Stops	32	731	8	178	144	73	14	6	163	872	10	33
Stop/Veh	1.07	0.52	0.50	0.96	0.20	0.15	0.82	1.20	0.82	1.28	1.11	1.32
Travel Dist (mi)	2.4	104.9	1.2	12.1	48.3	31.7	1.8	0.5	20.6	69.0	1.0	2.6
Travel Time (hr)	0.5	15.1	0.2	3.2	2.7	1.9	0.3	0.1	2.1	27.3	0.3	0.6
Avg Speed (mph)	5	8	8	4	18	17	5	4	10	3	3	5
Fuel Used (gal)	0.2	6.1	0.1	1.1	3.0	0.9	0.1	0.0	0.9	8.3	0.1	0.2
Vehicles Entered	28	1403	16	180	722	471	17	5	197	649	9	24
Vehicles Exited	30	1395	15	186	727	475	17	5	197	651	9	25
Hourly Exit Rate	30	1395	15	186	727	475	17	5	197	651	9	25
Input Volume	29	1393	13	220	818	527	17	4	186	795	10	39
% of Volume	103	100	115	85	89	90	100	125	106	82	90	64
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	3	0	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	1.4
Denied Del/Veh (s)	1.4
Total Delay (hr)	43.2
Total Del/Veh (s)	41.2
Stop Delay (hr)	36.8
Stop Del/Veh (s)	35.0
Total Stops	2264
Stop/Veh	0.60
Travel Dist (mi)	296.1
Travel Time (hr)	54.3
Avg Speed (mph)	6
Fuel Used (gal)	20.9
Vehicles Entered	3721
Vehicles Exited	3732
Hourly Exit Rate	3732
Input Volume	4051
% of Volume	92
Denied Entry Before	0
Denied Entry After	3

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.2	0.2	0.0	0.0	0.0	0.1
Total Delay (hr)	4.4	0.6	10.9	16.5	1.9	34.4
Total Del/Veh (s)	26.6	2.6	49.5	32.6	12.1	27.1
Stop Delay (hr)	3.8	0.0	9.0	10.8	0.4	23.9
Stop Del/Veh (s)	22.6	0.0	40.5	21.3	2.3	18.8
Total Stops	283	6	656	1178	133	2256
Stop/Veh	0.47	0.01	0.82	0.65	0.23	0.49
Travel Dist (mi)	27.7	36.7	59.3	257.9	73.5	455.1
Travel Time (hr)	5.1	2.4	12.3	25.9	4.5	50.3
Avg Speed (mph)	5	15	5	10	16	9
Fuel Used (gal)	1.9	0.7	3.7	11.0	2.7	19.9
Vehicles Entered	601	777	793	1792	572	4535
Vehicles Exited	592	780	777	1799	571	4519
Hourly Exit Rate	592	780	777	1799	571	4519
Input Volume	632	823	973	1820	581	4829
% of Volume	94	95	80	99	98	94
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	6.8	1.8	14.4	5.2	28.2
Total Del/Veh (s)	10.6	6.9	113.3	39.9	24.1
Stop Delay (hr)	3.7	1.2	13.6	4.8	23.3
Stop Del/Veh (s)	5.7	4.6	107.0	37.3	19.9
Total Stops	613	204	548	390	1755
Stop/Veh	0.26	0.21	1.20	0.84	0.42
Travel Dist (mi)	133.8	21.0	38.8	40.7	234.3
Travel Time (hr)	9.8	2.3	15.9	6.9	34.9
Avg Speed (mph)	14	9	2	6	7
Fuel Used (gal)	4.6	1.7	4.4	2.1	12.7
Vehicles Entered	2315	949	436	450	4150
Vehicles Exited	2326	953	435	454	4168
Hourly Exit Rate	2326	953	435	454	4168
Input Volume	2385	1199	465	453	4502
% of Volume	98	79	94	100	93
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	17.4	16.3	1.2	4.1	55.2	1.0	16.3	1.7	2.6	1.3	0.7	0.7
Total Del/Veh (s)	130.3	30.6	15.3	138.3	156.2	173.3	245.1	145.1	114.8	40.7	43.0	20.4
Stop Delay (hr)	15.4	8.6	0.4	3.4	44.7	0.8	16.0	1.6	2.6	1.1	0.6	0.6
Stop Del/Veh (s)	115.5	16.1	5.1	112.1	126.5	150.5	240.0	139.5	111.1	37.2	37.3	18.4
Total Stops	713	965	145	155	1082	16	266	43	82	84	43	65
Stop/Veh	1.48	0.50	0.52	1.44	0.85	0.80	1.11	1.05	0.99	0.76	0.70	0.53
Travel Dist (mi)	72.1	291.1	41.8	17.0	199.5	3.2	18.7	3.3	7.0	24.8	13.6	28.3
Travel Time (hr)	19.5	22.9	2.5	4.7	59.9	1.1	17.1	1.8	3.0	2.0	1.1	1.6
Avg Speed (mph)	4	13	17	4	3	3	1	2	2	12	12	17
Fuel Used (gal)	6.1	12.6	1.4	1.5	19.3	0.3	4.4	0.5	0.9	1.0	0.5	1.0
Vehicles Entered	470	1893	272	104	1224	19	220	39	81	106	59	120
Vehicles Exited	465	1905	274	101	1213	19	220	41	81	105	56	121
Hourly Exit Rate	465	1905	274	101	1213	19	220	41	81	105	56	121
Input Volume	472	1951	254	155	1610	28	316	56	127	95	69	99
% of Volume	99	98	108	65	75	68	70	73	64	111	81	122
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	118.5
Total Del/Veh (s)	90.2
Stop Delay (hr)	95.9
Stop Del/Veh (s)	72.9
Total Stops	3659
Stop/Veh	0.77
Travel Dist (mi)	720.5
Travel Time (hr)	137.2
Avg Speed (mph)	5
Fuel Used (gal)	49.7
Vehicles Entered	4607
Vehicles Exited	4601
Hourly Exit Rate	4601
Input Volume	5232
% of Volume	88
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	1.5
Denied Del/Veh (s)	13.2
Total Delay (hr)	224.3
Total Del/Veh (s)	1615.1
Stop Delay (hr)	179.8
Stop Del/Veh (s)	1294.8
Total Stops	9934
Stop/Veh	19.87
Travel Dist (mi)	1706.0
Travel Time (hr)	276.6
Avg Speed (mph)	6
Fuel Used (gal)	103.2
Vehicles Entered	399
Vehicles Exited	222
Hourly Exit Rate	222
Input Volume	18614
% of Volume	1
Denied Entry Before	0
Denied Entry After	3

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	28.2	40.5	0.2	14
Total		28.2	40.5	0.2	14

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	156.2	169.4	0.2	4
Total		156.2	169.4	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	B66	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	T	T	L	T	T	R	L	T	R
Maximum Queue (ft)	249	510	528	167	161	239	185	188	107	53	242	200
Average Queue (ft)	53	418	418	17	27	126	66	101	47	14	27	85
95th Queue (ft)	166	541	549	87	109	204	148	178	97	41	118	161
Link Distance (ft)		420	420	657	657		295	295	295		499	
Upstream Blk Time (%)		7	8									
Queuing Penalty (veh)		40	43									
Storage Bay Dist (ft)	150					525				100		100
Storage Blk Time (%)		33									0	9
Queuing Penalty (veh)		10									0	2

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB	SB	B19
Directions Served	L	L	TR	T
Maximum Queue (ft)	250	300	606	4186
Average Queue (ft)	245	299	571	2996
95th Queue (ft)	280	301	583	4445
Link Distance (ft)			496	4152
Upstream Blk Time (%)			66	19
Queuing Penalty (veh)			0	0
Storage Bay Dist (ft)	200	200		
Storage Blk Time (%)	31	71		
Queuing Penalty (veh)	15	35		

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	B34	B34
Directions Served	T	T	T	T	L	L	R	T	T
Maximum Queue (ft)	281	252	366	411	719	775	500	24	72
Average Queue (ft)	141	146	247	312	460	488	219	1	5
95th Queue (ft)	217	227	329	421	664	742	614	8	30
Link Distance (ft)	205	205	329	329	723	723		6910	6910
Upstream Blk Time (%)	1	2	2	12	0	2			
Queuing Penalty (veh)	7	11	9	57	0	0			
Storage Bay Dist (ft)							400		
Storage Blk Time (%)						13			
Queuing Penalty (veh)						77			

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	NB	NB	NB	NB	B32
Directions Served	T	T	T	T	L	L	R	R	T
Maximum Queue (ft)	340	339	132	132	414	487	253	252	123
Average Queue (ft)	259	282	91	109	231	350	151	162	4
95th Queue (ft)	388	391	149	154	370	478	236	238	40
Link Distance (ft)	231	231	56	56	416	416	416	416	6187
Upstream Blk Time (%)	9	14	11	19	0	8			
Queuing Penalty (veh)	111	169	66	111	0	0			
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	730	785	811	310	275	910	896	6968	6998	275	479	127
Average Queue (ft)	532	419	406	154	143	876	881	3749	3758	274	461	45
95th Queue (ft)	774	713	680	362	314	890	895	6810	6805	275	469	105
Link Distance (ft)		763	763			795	795	7502	7502		390	
Upstream Blk Time (%)		0	3			66	77				86	
Queuing Penalty (veh)		3	40			0	0				0	
Storage Bay Dist (ft)	650			210	175					175		185
Storage Blk Time (%)	11	0	22		2	55				91		
Queuing Penalty (veh)	104	1	56		18	86				167		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	139	106	135
Average Queue (ft)	2032	75	39	52
95th Queue (ft)	3405	125	89	106
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	36			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		0		
Queuing Penalty (veh)		0		

Zone Summary

Zone wide Queuing Penalty: 1238

2050 Alternative 5

Flyover 2050 Triple Lefts EB Off-ramp

AM & PM Peak Hour

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	25302
Vehs Exited	24179
Starting Vehs	1808
Ending Vehs	2931
Denied Entry Before	138
Denied Entry After	4134
Travel Distance (mi)	22128
Travel Time (hr)	4459.8
Total Delay (hr)	3761.6
Total Stops	36673
Fuel Used (gal)	1582.8

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60
Volumes adjusted by Growth Factors.	
Vehs Entered	25302
Vehs Exited	24179
Starting Vehs	1808
Ending Vehs	2931
Denied Entry Before	138
Denied Entry After	4134
Travel Distance (mi)	22128
Travel Time (hr)	4459.8
Total Delay (hr)	3761.6
Total Stops	36673
Fuel Used (gal)	1582.8

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	3.4	0.9	9.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.8	6.0	0.0	0.6	3.1	0.3	0.1	0.2	1.0	7.5	0.0	0.1
Total Del/Veh (s)	138.1	14.9	1.7	26.6	8.4	2.1	48.1	65.8	15.8	66.5	79.3	15.0
Stop Delay (hr)	0.8	4.0	0.0	0.6	1.6	0.1	0.1	0.2	0.9	6.8	0.0	0.1
Stop Del/Veh (s)	134.7	9.9	0.0	23.7	4.5	0.5	45.6	61.7	14.8	60.8	74.4	14.4
Total Stops	20	522	0	70	293	61	10	10	196	393	2	16
Stop/Veh	0.95	0.36	0.00	0.83	0.22	0.13	1.00	0.91	0.88	0.97	1.00	0.84
Travel Dist (mi)	1.6	107.7	0.4	5.6	83.3	31.4	1.1	1.1	23.2	42.3	0.2	2.0
Travel Time (hr)	0.9	9.5	0.0	0.8	5.0	1.7	0.2	0.2	1.9	9.0	0.1	0.2
Avg Speed (mph)	2	12	18	7	17	19	6	5	12	5	4	13
Fuel Used (gal)	0.2	4.9	0.0	0.3	5.1	0.9	0.1	0.1	0.9	3.0	0.0	0.1
Vehicles Entered	19	1445	8	84	1296	468	10	10	222	403	2	19
Vehicles Exited	20	1458	8	84	1310	466	10	11	221	390	2	19
Hourly Exit Rate	20	1458	8	84	1310	466	10	11	221	390	2	19
Input Volume	21	1452	8	85	1565	523	4	11	237	394	1	25
% of Volume	95	100	100	99	84	89	250	100	93	99	200	76
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.4
Denied Del/Veh (s)	0.4
Total Delay (hr)	19.7
Total Del/Veh (s)	17.6
Stop Delay (hr)	15.3
Stop Del/Veh (s)	13.7
Total Stops	1593
Stop/Veh	0.40
Travel Dist (mi)	299.8
Travel Time (hr)	29.4
Avg Speed (mph)	10
Fuel Used (gal)	15.6
Vehicles Entered	3986
Vehicles Exited	3999
Hourly Exit Rate	3999
Input Volume	4326
% of Volume	92
Denied Entry Before	0
Denied Entry After	0

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	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)	0.4	0.2	2.7	12.3	14.0	29.6
Total Del/Veh (s)	5.6	1.5	11.1	46.6	46.5	29.8
Stop Delay (hr)	0.3	0.0	1.4	10.7	6.0	18.4
Stop Del/Veh (s)	4.1	0.0	6.0	40.2	20.0	18.5
Total Stops	44	0	303	735	425	1507
Stop/Veh	0.18	0.00	0.35	0.77	0.39	0.42
Travel Dist (mi)	10.5	20.2	63.9	132.6	136.4	363.6
Travel Time (hr)	0.6	1.2	4.1	17.2	18.8	41.9
Avg Speed (mph)	17	17	16	8	7	9
Fuel Used (gal)	0.6	0.5	1.7	6.6	7.4	16.9
Vehicles Entered	237	433	863	915	1068	3516
Vehicles Exited	239	434	864	935	1068	3540
Hourly Exit Rate	239	434	864	935	1068	3540
Input Volume	229	435	1088	1095	1261	4108
% of Volume	104	100	79	85	85	86
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	1.0	2.3	8.1	0.8	12.1
Total Del/Veh (s)	3.3	9.4	46.0	7.0	14.3
Stop Delay (hr)	0.4	1.7	7.2	0.7	10.0
Stop Del/Veh (s)	1.3	7.2	41.2	6.2	11.8
Total Stops	83	190	489	236	998
Stop/Veh	0.07	0.22	0.78	0.60	0.33
Travel Dist (mi)	66.7	19.2	53.6	34.6	174.1
Travel Time (hr)	2.5	2.7	10.1	2.3	17.6
Avg Speed (mph)	26	7	5	15	10
Fuel Used (gal)	2.4	1.7	3.1	0.9	8.1
Vehicles Entered	1161	857	619	395	3032
Vehicles Exited	1160	863	609	392	3024
Hourly Exit Rate	1160	863	609	392	3024
Input Volume	1285	1233	616	394	3528
% of Volume	90	70	99	99	86
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	2.8	1.7	0.2	1.0	54.2	1.0	18.7	0.9	1.3	5.0	0.8	4.0
Total Del/Veh (s)	39.3	6.0	4.5	102.1	126.4	144.6	1069.8	548.3	474.2	112.3	62.7	54.4
Stop Delay (hr)	2.4	0.9	0.1	0.8	42.6	0.9	18.8	0.9	1.3	4.7	0.7	3.7
Stop Del/Veh (s)	34.4	3.0	2.3	77.1	99.3	127.2	1076.9	549.2	476.8	105.6	55.2	49.6
Total Stops	249	195	54	44	924	11	1	4	8	193	50	246
Stop/Veh	0.98	0.19	0.30	1.22	0.60	0.44	0.02	0.67	0.80	1.21	1.04	0.93
Travel Dist (mi)	38.7	159.2	27.0	5.6	241.9	3.9	3.7	0.4	0.8	36.7	11.1	61.5
Travel Time (hr)	3.9	5.3	1.1	1.2	59.8	1.1	18.9	0.9	1.4	6.2	1.2	6.1
Avg Speed (mph)	10	30	26	5	4	3	0	0	1	6	10	10
Fuel Used (gal)	1.5	5.7	0.8	0.4	20.3	0.3	4.4	0.2	0.3	2.2	0.5	2.6
Vehicles Entered	254	1040	177	34	1467	23	43	6	8	158	47	262
Vehicles Exited	246	1036	173	35	1481	25	45	4	9	148	48	258
Hourly Exit Rate	246	1036	173	35	1481	25	45	4	9	148	48	258
Input Volume	281	1121	202	60	2365	44	177	18	40	154	46	266
% of Volume	88	92	86	58	63	57	25	22	22	96	104	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	91.7
Total Del/Veh (s)	91.0
Stop Delay (hr)	77.8
Stop Del/Veh (s)	77.2
Total Stops	1979
Stop/Veh	0.55
Travel Dist (mi)	590.5
Travel Time (hr)	107.0
Avg Speed (mph)	6
Fuel Used (gal)	39.4
Vehicles Entered	3519
Vehicles Exited	3508
Hourly Exit Rate	3508
Input Volume	4774
% of Volume	73
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	0.4
Denied Del/Veh (s)	4.1
Total Delay (hr)	153.2
Total Del/Veh (s)	1024.9
Stop Delay (hr)	121.5
Stop Del/Veh (s)	813.0
Total Stops	6077
Stop/Veh	11.30
Travel Dist (mi)	1428.0
Travel Time (hr)	195.9
Avg Speed (mph)	7
Fuel Used (gal)	79.9
Vehicles Entered	379
Vehicles Exited	327
Hourly Exit Rate	327
Input Volume	16736
% of Volume	2
Denied Entry Before	0
Denied Entry After	0

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	5.9	18.3	0.2	31
Total		5.9	18.3	0.2	31

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	126.4	139.6	0.2	4
Total		126.4	139.6	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	B66	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	T	T	L	T	T	R	L	T	R
Maximum Queue (ft)	118	510	509	156	89	86	294	312	68	43	49	173
Average Queue (ft)	36	277	306	10	6	41	129	176	31	9	11	80
95th Queue (ft)	99	464	463	65	40	73	240	283	67	29	36	141
Link Distance (ft)		420	420	657	657		295	295	295		499	
Upstream Blk Time (%)		1	2				0	0				
Queuing Penalty (veh)		8	12				0	2				
Storage Bay Dist (ft)	150					525				100		100
Storage Blk Time (%)		17					0					5
Queuing Penalty (veh)		4					0					1

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB	SB
Directions Served	L	L	TR
Maximum Queue (ft)	249	300	382
Average Queue (ft)	145	185	48
95th Queue (ft)	237	274	230
Link Distance (ft)			496
Upstream Blk Time (%)			
Queuing Penalty (veh)			
Storage Bay Dist (ft)	200	200	
Storage Blk Time (%)	2	11	
Queuing Penalty (veh)	1	3	

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	SB	B34	B34	B34
Directions Served	T	T	T	T	L	L	L	R	T	T	T
Maximum Queue (ft)	52	73	214	264	697	712	805	500	6668	6665	6482
Average Queue (ft)	14	29	114	132	242	255	374	113	4173	4293	4279
95th Queue (ft)	43	61	204	235	455	475	798	453	6515	6429	6361
Link Distance (ft)	199	199	323	323	718	718	718		6907	6907	6907
Upstream Blk Time (%)					0	7					
Queuing Penalty (veh)					0	0					
Storage Bay Dist (ft)								400			
Storage Blk Time (%)							0	5			
Queuing Penalty (veh)							0	20			

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	T	L	L	R	R
Maximum Queue (ft)	54	92	114	152	133	283	384	122	125
Average Queue (ft)	11	36	39	76	114	191	238	61	58
95th Queue (ft)	39	74	88	136	142	284	324	114	106
Link Distance (ft)	209	209	209	56	56	404	404	404	404
Upstream Blk Time (%)				16	28		0		
Queuing Penalty (veh)				99	171		0		
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	289	160	162	91	274	892	914	7554	7554	275	460	68
Average Queue (ft)	158	75	96	35	65	879	886	6130	6134	273	455	6
95th Queue (ft)	257	150	161	75	220	893	905	9331	9304	277	467	31
Link Distance (ft)	764	764	764			795	795	7502	7502		390	
Upstream Blk Time (%)						64	82	54	53		100	
Queuing Penalty (veh)						0	0	0	0		0	
Storage Bay Dist (ft)				210	175					175		185
Storage Blk Time (%)						44				100		
Queuing Penalty (veh)						27				58		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2897	249	426	275
Average Queue (ft)	2059	171	171	181
95th Queue (ft)	3376	271	375	287
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	32			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		32	2	15
Queuing Penalty (veh)		99	9	29

Zone Summary

Zone wide Queuing Penalty: 541

Summary of All Intervals

Start Time	4:45
End Time	6:00
Total Time (min)	75
Time Recorded (min)	60
# of Intervals	2
# of Recorded Intervals	1
Vehs Entered	25893
Vehs Exited	25020
Starting Vehs	1812
Ending Vehs	2685
Denied Entry Before	670
Denied Entry After	5903
Travel Distance (mi)	24410
Travel Time (hr)	5395.1
Total Delay (hr)	4622.9
Total Stops	35411
Fuel Used (gal)	1846.7

Interval #0 Information Seeding

Start Time	4:45
End Time	5:00
Total Time (min)	15

Volumes adjusted by Growth Factors.
No data recorded this interval.

Interval #1 Information Recording

Start Time	5:00
End Time	6:00
Total Time (min)	60

Volumes adjusted by Growth Factors.

Vehs Entered	25893
Vehs Exited	25020
Starting Vehs	1812
Ending Vehs	2685
Denied Entry Before	670
Denied Entry After	5903
Travel Distance (mi)	24410
Travel Time (hr)	5395.1
Total Delay (hr)	4622.9
Total Stops	35411
Fuel Used (gal)	1846.7

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	2.3	2.8	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	0.2	9.7	0.1	3.4	1.9	0.3	0.4	0.0	1.1	24.5	0.2	0.6
Total Del/Veh (s)	36.2	24.7	25.4	53.0	9.3	2.6	61.1	56.7	19.8	131.5	119.6	67.8
Stop Delay (hr)	0.2	7.0	0.1	3.2	1.3	0.1	0.4	0.0	1.0	22.1	0.2	0.5
Stop Del/Veh (s)	31.9	17.8	21.6	50.2	6.0	0.4	59.6	52.2	18.5	118.9	106.4	59.3
Total Stops	21	694	6	223	178	45	18	2	173	863	7	46
Stop/Veh	0.95	0.49	0.43	0.98	0.24	0.10	0.82	0.67	0.86	1.29	1.17	1.39
Travel Dist (mi)	1.6	105.1	0.8	14.8	49.4	29.6	2.3	0.3	20.8	67.6	0.6	3.5
Travel Time (hr)	0.3	13.8	0.2	3.9	3.1	1.6	0.5	0.1	1.9	26.9	0.2	0.8
Avg Speed (mph)	6	8	6	4	16	18	5	6	11	3	3	5
Fuel Used (gal)	0.1	5.8	0.1	1.3	3.1	0.8	0.2	0.0	0.9	8.1	0.1	0.3
Vehicles Entered	20	1405	13	223	743	443	22	3	198	640	6	32
Vehicles Exited	22	1402	14	228	745	441	22	3	201	634	6	33
Hourly Exit Rate	22	1402	14	228	745	441	22	3	201	634	6	33
Input Volume	29	1393	13	220	818	527	17	4	186	795	10	39
% of Volume	76	101	108	104	91	84	129	75	108	80	60	85
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	1.1
Denied Del/Veh (s)	1.1
Total Delay (hr)	42.4
Total Del/Veh (s)	40.2
Stop Delay (hr)	36.0
Stop Del/Veh (s)	34.1
Total Stops	2276
Stop/Veh	0.60
Travel Dist (mi)	296.5
Travel Time (hr)	53.2
Avg Speed (mph)	6
Fuel Used (gal)	20.7
Vehicles Entered	3748
Vehicles Exited	3751
Hourly Exit Rate	3751
Input Volume	4051
% of Volume	93
Denied Entry Before	0
Denied Entry After	0

11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd. Performance by movement

Movement	EBT	EBR	WBT	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.0	0.0
Total Delay (hr)	2.8	0.5	6.9	17.7	1.3	29.3
Total Del/Veh (s)	16.3	2.4	29.9	34.5	8.1	22.8
Stop Delay (hr)	2.3	0.0	5.4	13.7	0.0	21.4
Stop Del/Veh (s)	13.3	0.0	23.2	26.7	0.3	16.7
Total Stops	222	3	498	1217	45	1985
Stop/Veh	0.36	0.00	0.60	0.66	0.08	0.43
Travel Dist (mi)	27.7	34.1	61.8	259.5	73.7	456.8
Travel Time (hr)	3.5	2.2	8.3	27.2	3.9	45.0
Avg Speed (mph)	8	16	7	10	19	10
Fuel Used (gal)	1.7	0.7	2.8	11.0	2.2	18.3
Vehicles Entered	620	735	834	1802	576	4567
Vehicles Exited	616	736	829	1825	579	4585
Hourly Exit Rate	616	736	829	1825	579	4585
Input Volume	632	823	973	1820	581	4829
% of Volume	97	89	85	100	100	95
Denied Entry Before	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0

12: I-526 WB off ramp & Long Point Rd. Performance by movement

Movement	EBT	WBT	NBL	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)	4.2	2.0	6.1	3.5	15.8
Total Del/Veh (s)	6.3	7.6	51.2	28.6	13.5
Stop Delay (hr)	2.4	1.5	5.6	3.3	12.8
Stop Del/Veh (s)	3.6	5.5	47.1	27.1	10.9
Total Stops	365	210	364	338	1277
Stop/Veh	0.15	0.22	0.84	0.78	0.30
Travel Dist (mi)	135.9	21.3	36.5	37.7	231.4
Travel Time (hr)	7.2	2.5	7.5	5.1	22.3
Avg Speed (mph)	19	9	5	7	10
Fuel Used (gal)	4.4	1.7	2.3	1.6	10.0
Vehicles Entered	2362	953	416	428	4159
Vehicles Exited	2370	958	425	430	4183
Hourly Exit Rate	2370	958	425	430	4183
Input Volume	2385	1199	465	453	4502
% of Volume	99	80	91	95	93
Denied Entry Before	0	0	0	0	0
Denied Entry After	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	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	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Delay (hr)	15.5	18.7	1.6	4.5	54.8	1.0	16.6	1.6	2.9	2.0	0.8	0.7
Total Del/Veh (s)	116.1	34.3	20.9	130.7	153.1	146.0	280.2	147.0	122.6	68.2	43.3	23.0
Stop Delay (hr)	13.7	10.4	0.8	3.6	44.2	0.8	16.4	1.5	2.8	1.9	0.7	0.6
Stop Del/Veh (s)	103.0	19.2	10.1	104.1	123.4	124.2	276.4	141.4	119.0	63.8	38.1	21.2
Total Stops	687	1144	182	174	1061	12	211	43	89	98	49	67
Stop/Veh	1.43	0.58	0.68	1.41	0.82	0.50	0.99	1.10	1.05	0.93	0.75	0.66
Travel Dist (mi)	70.5	296.1	40.7	18.6	202.0	3.7	16.7	3.3	7.1	24.6	15.0	24.0
Travel Time (hr)	17.5	25.4	2.9	5.0	59.5	1.1	17.3	1.7	3.2	2.8	1.2	1.5
Avg Speed (mph)	4	12	14	4	3	3	1	2	2	9	12	16
Fuel Used (gal)	5.2	12.6	1.4	1.6	19.2	0.4	4.4	0.5	1.0	1.2	0.6	0.8
Vehicles Entered	462	1929	264	118	1246	21	199	39	82	104	64	102
Vehicles Exited	458	1945	265	117	1238	24	194	36	83	104	64	99
Hourly Exit Rate	458	1945	265	117	1238	24	194	36	83	104	64	99
Input Volume	472	1951	254	155	1610	28	316	56	127	95	69	99
% of Volume	97	100	104	75	77	86	61	64	65	109	93	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0
Denied Entry After	0	0	0	0	0	0	0	0	0	0	0	0

15: Belle Point & Long Point Rd. Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.0
Total Delay (hr)	120.4
Total Del/Veh (s)	91.3
Stop Delay (hr)	97.3
Stop Del/Veh (s)	73.8
Total Stops	3817
Stop/Veh	0.80
Travel Dist (mi)	722.1
Travel Time (hr)	139.1
Avg Speed (mph)	5
Fuel Used (gal)	48.9
Vehicles Entered	4630
Vehicles Exited	4627
Hourly Exit Rate	4627
Input Volume	5232
% of Volume	88
Denied Entry Before	0
Denied Entry After	0

Total Zone Performance

Denied Delay (hr)	1.2
Denied Del/Veh (s)	10.9
Total Delay (hr)	207.8
Total Del/Veh (s)	1552.1
Stop Delay (hr)	167.5
Stop Del/Veh (s)	1251.3
Total Stops	9355
Stop/Veh	19.41
Travel Dist (mi)	1706.9
Travel Time (hr)	259.6
Avg Speed (mph)	7
Fuel Used (gal)	97.9
Vehicles Entered	388
Vehicles Exited	254
Hourly Exit Rate	254
Input Volume	18614
% of Volume	1
Denied Entry Before	0
Denied Entry After	0

Arterial Level of Service: EB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	33.5	45.7	0.2	12
Total		33.5	45.7	0.2	12

Arterial Level of Service: WB Long Point Rd.

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed
Belle Point	15	153.1	166.3	0.2	4
Total		153.1	166.3	0.2	4

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	EB	EB	EB	B66	B66	WB	WB	WB	WB	NB	NB	NB
Directions Served	L	T	TR	T	T	L	T	T	R	L	T	R
Maximum Queue (ft)	249	510	528	127	222	267	244	236	88	64	113	189
Average Queue (ft)	30	358	400	7	20	156	97	114	26	18	14	83
95th Queue (ft)	111	521	549	52	99	241	191	198	71	44	67	145
Link Distance (ft)		420	420	657	657		295	295	295			499
Upstream Blk Time (%)		4	7									
Queuing Penalty (veh)		23	40									
Storage Bay Dist (ft)	150					525				100		100
Storage Blk Time (%)	0	29									1	7
Queuing Penalty (veh)	0	8									1	1

Intersection: 10: Hobcaw Bluff Dr./Wando Park Blvd. & Long Point Rd.

Movement	SB	SB	SB	B19
Directions Served	L	L	TR	T
Maximum Queue (ft)	250	300	588	4186
Average Queue (ft)	244	299	572	3504
95th Queue (ft)	278	301	583	4914
Link Distance (ft)			496	4152
Upstream Blk Time (%)			66	44
Queuing Penalty (veh)			0	0
Storage Bay Dist (ft)	200	200		
Storage Blk Time (%)	18	71		
Queuing Penalty (veh)	9	35		

Intersection: 11: I-526 EB On-Ramp/I-526 EB off ramp & Long Point Rd.

Movement	EB	EB	WB	WB	SB	SB	SB	SB	B34
Directions Served	T	T	T	T	L	L	L	R	T
Maximum Queue (ft)	174	180	307	390	486	646	632	500	37
Average Queue (ft)	97	118	189	231	303	354	375	66	1
95th Queue (ft)	149	166	295	354	448	508	513	344	12
Link Distance (ft)	199	199	323	323	718	718	718		6907
Upstream Blk Time (%)		0	0	3					
Queuing Penalty (veh)		0	0	13					
Storage Bay Dist (ft)								400	
Storage Blk Time (%)							6		
Queuing Penalty (veh)							34		

Intersection: 12: I-526 WB off ramp & Long Point Rd.

Movement	EB	EB	EB	WB	WB	NB	NB	NB	NB
Directions Served	T	T	T	T	T	L	L	R	R
Maximum Queue (ft)	204	267	309	133	134	304	306	205	231
Average Queue (ft)	80	129	154	84	117	152	198	117	135
95th Queue (ft)	178	233	285	132	161	242	289	187	208
Link Distance (ft)	209	209	209	56	56	404	404	404	404
Upstream Blk Time (%)	0	1	5	16	20				
Queuing Penalty (veh)	0	7	37	97	120				
Storage Bay Dist (ft)									
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 15: Belle Point & Long Point Rd.

Movement	EB	EB	EB	EB	WB	WB	WB	B28	B28	NB	NB	NB
Directions Served	L	T	T	R	L	T	TR	T	T	L	T	R
Maximum Queue (ft)	710	768	828	310	275	909	896	5179	5163	275	479	285
Average Queue (ft)	506	453	473	205	167	876	879	2542	2559	274	461	77
95th Queue (ft)	733	693	716	416	328	891	890	4904	4916	276	466	219
Link Distance (ft)	764	764	764			795	795	7502	7502		390	
Upstream Blk Time (%)		0	3			63	79				87	
Queuing Penalty (veh)		1	23			0	0				0	
Storage Bay Dist (ft)				210	175					175		185
Storage Blk Time (%)			29		1	51				95		
Queuing Penalty (veh)			75		4	79				173		

Intersection: 15: Belle Point & Long Point Rd.

Movement	B26	SB	SB	SB
Directions Served	T	L	T	R
Maximum Queue (ft)	2916	220	147	112
Average Queue (ft)	2171	92	51	47
95th Queue (ft)	3596	169	104	89
Link Distance (ft)	2882		1183	
Upstream Blk Time (%)	42			
Queuing Penalty (veh)	0			
Storage Bay Dist (ft)		150		175
Storage Blk Time (%)		3	0	
Queuing Penalty (veh)		6	0	

Zone Summary

Zone wide Queuing Penalty: 787
