



NORWALK

ROUTE 1 CORRIDOR

MASTER PLAN STUDY

Connecticut Ave / Van Buren Ave

FINAL REPORT

Appendix E

ATCS Comparison Memorandum

Memorandum

To: Michael Ahillen and Hannah Brockhaus, IMEG
From: Marissa Tarallo, PE, PTOE, AKRF, Inc.
Date: November 14, 2025
Re: Route 1 Corridor Master Plan Study –ATCS Operational Assessment

INTRODUCTION

This memorandum summarizes the Measures of Effectiveness (MOEs) in upgrading the existing signal system along Route 1/ Connecticut Avenue in Norwalk, CT from a fully actuated, closed loop, coordinated signal system to an Adaptive Traffic Control System (ATCS). The MOEs of the potential future system are compared to the calibrated No Build Conditions models to determine the potential benefits to operations and reliability an ATCS.

STUDY AREA

The proposed signal system alternatives were evaluated for the following intersections during the weekday AM, midday, PM and Saturday midday peak hours along Route 1 to determine the potential benefits of ATCS operations for the signals not currently programmed for such upgrades.

1. US Route 1 and Richards Avenue
2. US Route 1 and Walmart/ Lumber Liquidators Driveways
3. US Route 1 and Keeler Avenue
4. US Route 1 and Rampart Road
5. US Route 1 and Shop Rite Driveway
6. US Route 1 and Scribner Avenue
7. US Route 1 and Interstate 95 Ramps

As additional signalized intersections exist for private driveways between the above study area intersections, volumes were projected for all signals from the Costco Driveway to the Interstate 95 Ramps and were included in the microsimulation model.

MEASURES OF EFFECTIVENESS

Utilizing the Synchro/SimTraffic software, a microsimulation model for the weekday AM, midday, PM and Saturday midday peak hours were developed. As SimTraffic is a stochastic model where multiple simulation runs will generate different driver behaviors (i.e. acceptable available gaps for turns, changing lanes, etc.) and system results, an average of 10 runs was used to achieve confidence in the simulation results and to obtain the following MOEs:

- **Percent Demand Served** – is a measure of the total throughput of the system. This measure takes into consideration the actual volume served versus the demand. When the system is over capacity, this measure provides a better understanding of overall traffic operations than delay or level of service.
- **Average Travel Speed** – is a measure of the overall travel speed through the system. The average travel speed calculation considers the average delay throughout the system and vehicle queues.
- **Number of Stops** – the total number of stops for vehicles during the peak hour of analysis on the full study area.

- **Vehicle Hours of Delay** – is the amount of delay incurred during the peak hour as a result of congestion.
- **Travel Time** – is the time needed to traverse study area segment.
- **Buffer Time Index** – The buffer index represents extra time that travelers must add to the average travel time when planning trips to ensure on-time arrival.

NO BUILD CONDITIONS TRAFFIC OPERATIONS

Table 1 summarizes the systemwide MOEs in the study area during the weekday AM, midday, PM and Saturday midday peak hours. The simulation reports are presented in **Attachment A**. Presently, all the study area intersections operate as part of a closed loop, coordinated signal system. The availability of vehicle detectors to adjust green time varies by intersection. For the purpose of the No Build analysis, it was assumed that video detection would be available at all signals in the future and all intersections were evaluated as fully actuated. As presented, the Saturday midday peak hour and weekday PM peak hour experience notable congestion and delay. Furthermore, the Buffer Time Index, indicates that a driver needs to plan for an increase in the travel time of up to approximately 23 percent to assure on time arrival given the variations in the travel time due to congestion.

Table 1
No Build Conditions Network Wide MOEs

MOE	Weekday AM Peak Hour	Weekday Midday Peak Hour	Weekday PM Peak Hour	Saturday Peak Hour
Percent Demand Served	100.2%	99.9%	99.7%	98.8%
Average Travel Speed	15 mph	12 mph	10 mph	9 mph
Number of Stops	8,659	16,482	18,944	21,861
Vehicles Hours of Delay	93.5 hrs	202.2 hrs	269.0 hrs	343.2 hrs
Travel Time (mm:ss)				
Northbound	3:42	5:05	6:14	6:22
Southbound	4:40	6:02	5:30	7:53
Buffer Time Index (%)				
Northbound	2.4%	3.6%	8.0%	5.5%
Southbound	3.9%	5.0%	6.1%	23.3%

Notes: Based on 10 simulation runs

ADAPTIVE SIGNAL CONTROL TECHNOLOGY

To determine if ATCS can provide additional operational benefits along US Route 1 with the proposed Route 1 Corridor Concept Plan, the SynchroGreen Software-in-the-Loop Simulation Tool was used with Synchro/SimTraffic to accurately simulate the operations of a SynchroGreen adaptive system. The SynchroGreen adaptive system was chosen for evaluation because of the availability of the Software-in-the-Loop Simulation Tool and the system's compatibility with ATMS.now Central Management Software currently used by the Connecticut Department of Transportation (CTDOT) as well as the City of Norwalk.

SYNCHROGREEN SYSTEM OVERVIEW

SynchroGreen is a software-based real-time ATCS that has three optimization engines designed to optimize the cycle length, splits, and offsets based on current traffic conditions. The primary objective of the SynchroGreen algorithm is to minimize total network delay, while providing reasonable mainline progression bandwidth. The algorithm utilizes non-proprietary detection data to estimate the degree of saturation and nominal green time for each phase. The SynchroGreen server then analyzes these estimates globally for all phases at all intersections and selects the optimal values for phase allocation and period duration that are applied in the field. SynchroGreen then optimizes offsets according to user-defined travel paths based on common platoon patterns (routes) and known travel times.

SynchroGreen allows the user to customize the algorithm to accommodate a variety of scenarios and test different scenarios prior to deployment. The adaptive system allows the user to select the Balanced,

Progression, or Critical Movement mode to minimize overall network delay, promote mainline bandwidth, or favor critical movements.

ATCS TRAFFIC OPERATIONS

The Software-in-the-Loop simulation tool, which utilizes actual signal controller databases, was used to determine the MOEs for the SynchroGreen ATCS. An average of 10 runs with different random seeds was used to achieve confidence in the simulation results. This is especially important when simulating ATCS as it is a real-time system which constantly adapts to traffic demand, with the potential to change each cycle of a traffic signal.

Tables 2 and 3 summarize the travel times and systemwide MOEs with adaptive traffic operations. The simulation reports are provided in **Attachment B**. As presented, the ASCT further improves travel times over the existing coordinated signal system for all peak periods with the exception of the weekday AM peak hour, the least critical of those analyzed. Total stops would improve with the ATCS during all peak hours as would vehicle hours of delay except in the Weekday AM peak hour where there is a slight increase as compared to the coordinated condition.

Table 2
Microsimulation Model Travel Time Comparison

Arterial	Travel Time (mins)		
	Existing (mm:ss)	ATCS (mm:ss)	Percent Change ¹ (%)
Weekday AM Peak Hour			
US Route 1 Northbound	3:42	3:37	-2.3%
US Route 1 Southbound	4:40	4:59	+6.6%
Weekday Midday Peak Hour			
US Route 1 Northbound	5:05	4:30	-11.5%
US Route 1 Southbound	6:02	5:29	-9.3%
Weekday PM Peak Hour			
US Route 1 Northbound	6:14	5:16	-15.5%
US Route 1 Southbound	5:30	5:41	+3.2%
Saturday Peak Hour			
US Route 1 Northbound	6:22	6:12	-2.6%
US Route 1 Southbound	7:53	6:43	-14.8%
Notes:			
(1) Percent Change compares the No Build condition to the ATCS condition			

Table 3

System Wide Measures of Effectiveness (MOEs) Comparison

Measures of Effectiveness	No Build Signal System	ATCS Signal System	Percent Change ¹ (%)
Weekday AM Peak Hour			
Percent Demand Served	100.2%	100.3%	N/A
Total Stops	8,659	8,646	-0.2%
Vehicle Hours of Delay	93.5 hrs	99.8 hrs	+6.7%
Average Travel Speed	15 mph	14 mph	-6.7%
Weekday Midday Peak Hour			
Percent Demand Served	99.9%	100.1%	N/A
Total Stops	16,482	13,701	-16.9%
Vehicle Hours of Delay	202.2 hrs	161.8 hrs	-20.0%
Average Travel Speed	12 mph	13 mph	+8.3%
Weekday PM Peak Hour			
Percent Demand Served	99.7%	100.3%	N/A
Total Stops	18,944	16,694	-11.9%
Vehicle Hours of Delay	269 hrs	223.5	-16.9%
Average Travel Speed	10 mph	11	+10%
Saturday Peak Hour			
Percent Demand Served	98.8%	99.8%	N/A
Total Stops	21,861	20,994	-4.0%
Vehicle Hours of Delay	343.2 hrs	300.0 hrs	-12.6%
Average Travel Speed	9 mph	10 mph	+11.1%
Notes:			
(1) Percent Change compares the No Build condition to the ATCS condition			

Attachments:

- Attachment A: No Build Conditions Simulation Report
- Attachment B: ATCS Conditions Simulation Report

Attachment A
No Build Simulation Reports

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	7:15	7:15	7:15	7:15	7:15	7:15	7:15
End Time	8:30	8:30	8:30	8:30	8:30	8:30	8:30
Total Time (min)	75	75	75	75	75	75	75
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4	4	4	4
Vehs Entered	5371	5361	5451	5454	5253	5397	5370
Vehs Exited	5393	5353	5480	5429	5273	5401	5305
Starting Vehs	195	179	208	169	189	219	187
Ending Vehs	173	187	179	194	169	215	252
Denied Entry Before	1	1	1	1	0	1	1
Travel Distance (mi)	2883	2910	2963	2926	2862	2885	2831
Travel Time (hr)	198.0	195.0	208.0	203.8	193.7	200.9	219.7
Total Delay (hr)	93.5	89.5	100.4	97.3	89.7	96.3	116.7
Total Stops	8402	8431	8947	9011	8452	8590	8331
Fuel Used (gal)	130.1	129.4	134.7	132.9	128.3	130.7	133.0

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	7:15	7:15	7:15	7:15
End Time	8:30	8:30	8:30	8:30
Total Time (min)	75	75	75	75
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4
Vehs Entered	5383	5383	5475	5382
Vehs Exited	5405	5387	5532	5395
Starting Vehs	182	205	209	185
Ending Vehs	160	201	152	181
Denied Entry Before	2	2	2	0
Travel Distance (mi)	2855	2948	2990	2905
Travel Time (hr)	193.6	208.4	203.3	202.4
Total Delay (hr)	90.1	101.4	95.0	97.0
Total Stops	8525	9108	8819	8659
Fuel Used (gal)	128.7	133.8	135.0	131.6

Interval #0 Information Seeding

Start Time	7:15
End Time	7:30
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	1286	1296	1323	1277	1259	1232	1239
Vehs Exited	1298	1298	1308	1295	1297	1280	1229
Starting Vehs	195	179	208	169	189	219	187
Ending Vehs	183	177	223	151	151	171	197
Denied Entry Before	1	1	1	1	0	1	1
Travel Distance (mi)	690	693	728	687	691	716	691
Travel Time (hr)	45.5	44.2	50.7	45.8	46.6	46.4	44.4
Total Delay (hr)	20.5	19.1	24.2	20.7	21.4	20.5	19.4
Total Stops	1877	1879	2144	1957	1970	1920	1884
Fuel Used (gal)	30.5	30.2	33.0	30.7	30.9	31.2	30.2

Interval #1 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	1284	1316	1295	1278
Vehs Exited	1288	1335	1337	1297
Starting Vehs	182	205	209	185
Ending Vehs	178	186	167	171
Denied Entry Before	2	2	2	0
Travel Distance (mi)	695	728	728	705
Travel Time (hr)	45.7	50.2	48.3	46.8
Total Delay (hr)	20.7	23.7	21.8	21.2
Total Stops	2012	2262	2089	2001
Fuel Used (gal)	31.2	33.1	32.5	31.4

SimTraffic Simulation Summary
No Build AM

11/14/2025

Interval #2 Information Recording

Start Time 7:45

End Time 8:00

Total Time (min) 15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	1	10	2	3	4	5	6
Vehs Entered	1288	1282	1338	1276	1242	1334	1242
Vehs Exited	1265	1294	1356	1251	1220	1329	1279
Starting Vehs	183	177	223	151	151	171	197
Ending Vehs	206	165	205	176	173	176	160
Denied Entry Before	0	2	2	0	1	1	1
Travel Distance (mi)	708	705	741	711	662	711	651
Travel Time (hr)	46.8	47.0	52.5	46.4	43.1	47.1	42.7
Total Delay (hr)	21.1	21.5	25.6	20.5	19.1	21.4	19.0
Total Stops	2012	2087	2257	2088	1859	2026	1798
Fuel Used (gal)	31.2	31.2	33.7	31.3	29.2	31.8	28.7

Interval #2 Information Recording

Start Time 7:45

End Time 8:00

Total Time (min) 15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	7	8	9	Avg
Vehs Entered	1269	1258	1349	1283
Vehs Exited	1275	1251	1309	1285
Starting Vehs	178	186	167	171
Ending Vehs	172	193	207	172
Denied Entry Before	1	4	2	0
Travel Distance (mi)	675	696	722	698
Travel Time (hr)	44.1	44.6	48.4	46.3
Total Delay (hr)	19.7	19.4	22.3	21.0
Total Stops	1915	1949	2123	2010
Fuel Used (gal)	29.9	30.1	32.6	31.0

Interval #3 Information Recording

Start Time	8:00
End Time	8:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1536	1537	1529	1592	1478	1574	1501
Vehs Exited	1537	1458	1520	1531	1437	1503	1441
Starting Vehs	206	165	205	176	173	176	160
Ending Vehs	205	244	214	237	214	247	220
Denied Entry Before	1	0	4	1	2	1	1
Travel Distance (mi)	767	778	788	775	784	768	744
Travel Time (hr)	56.2	53.9	56.9	57.5	53.9	58.9	58.3
Total Delay (hr)	28.4	25.7	28.1	29.3	25.4	31.0	31.2
Total Stops	2449	2388	2478	2659	2485	2622	2332
Fuel Used (gal)	35.9	35.4	36.2	36.6	35.6	36.4	35.1

Interval #3 Information Recording

Start Time	8:00
End Time	8:15
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	1512	1503	1543	1527
Vehs Exited	1472	1459	1520	1488
Starting Vehs	172	193	207	172
Ending Vehs	212	237	230	220
Denied Entry Before	2	3	3	0
Travel Distance (mi)	762	778	802	775
Travel Time (hr)	54.1	59.3	55.2	56.4
Total Delay (hr)	26.5	31.0	26.1	28.3
Total Stops	2436	2582	2418	2485
Fuel Used (gal)	35.0	36.5	36.1	35.9

Interval #4 Information Recording

Start Time	8:15
End Time	8:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1261	1246	1261	1309	1274	1257	1388
Vehs Exited	1293	1303	1296	1352	1319	1289	1356
Starting Vehs	205	244	214	237	214	247	220
Ending Vehs	173	187	179	194	169	215	252
Denied Entry Before	2	2	3	2	2	2	54
Travel Distance (mi)	718	734	706	754	726	691	745
Travel Time (hr)	49.5	49.8	47.9	54.1	50.0	48.4	74.3
Total Delay (hr)	23.5	23.3	22.4	26.8	23.8	23.4	47.2
Total Stops	2064	2077	2068	2307	2138	2022	2317
Fuel Used (gal)	32.5	32.6	31.7	34.4	32.6	31.3	38.9

Interval #4 Information Recording

Start Time	8:15
End Time	8:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1318	1306	1288	1285
Vehs Exited	1370	1342	1366	1331
Starting Vehs	212	237	230	220
Ending Vehs	160	201	152	181
Denied Entry Before	5	2	6	5
Travel Distance (mi)	723	745	739	728
Travel Time (hr)	49.6	54.3	51.4	52.9
Total Delay (hr)	23.2	27.2	24.9	26.6
Total Stops	2162	2315	2189	2164
Fuel Used (gal)	32.6	34.2	33.8	33.4

3: Richards Ave & Connecticut Avenue/US Route 1 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	0.1	0.0	0.0	0.1	0.0	0.3
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.2	1.8	3.7	0.3	0.3	3.5	0.7	3.6
Total Delay (hr)	2.1	1.2	0.1	0.8	4.9	0.3	1.1	0.8	0.1	0.9	0.9	0.5
Total Del/Veh (s)	66.8	11.0	4.1	55.6	22.2	16.8	42.6	33.4	13.8	40.9	31.4	7.4
Stop Delay (hr)	2.0	0.9	0.0	0.8	3.6	0.2	1.0	0.7	0.1	0.9	0.7	0.5
Stop Del/Veh (s)	63.7	7.7	0.9	53.4	16.6	12.0	39.9	29.2	12.8	38.5	27.5	7.2
Total Stops	115	138	5	53	486	45	85	67	23	76	81	206
Stop/Veh	1.01	0.35	0.09	1.00	0.62	0.75	0.91	0.83	0.77	0.92	0.83	0.78
Travel Dist (mi)	12.6	41.3	5.4	4.3	62.5	4.6	4.8	4.4	1.6	3.5	4.3	12.1
Travel Time (hr)	2.6	2.6	0.3	1.0	7.0	0.5	1.4	0.9	0.2	1.2	1.0	1.5
Avg Speed (mph)	5	16	21	4	9	9	4	5	8	3	4	10
Fuel Used (gal)	0.9	1.6	0.2	0.3	3.3	0.2	0.5	0.3	0.1	0.4	0.4	0.7
Fuel Eff. (mpg)	14.7	25.2	33.8	14.3	18.7	21.3	10.3	13.8	19.2	9.3	11.5	18.2
HC Emissions (g)	4	18	3	2	29	5	5	1	0	5	4	3
CO Emissions (g)	144	536	72	59	897	90	150	66	18	115	104	172
NOx Emissions (g)	13	60	9	5	98	12	14	6	2	11	11	15
Vehicles Entered	111	395	58	53	779	60	92	81	30	82	96	264
Vehicles Exited	112	395	58	53	779	60	92	81	30	82	97	264
Hourly Exit Rate	112	395	58	53	779	60	92	81	30	82	97	264
Input Volume	110	396	60	55	777	60	90	80	30	80	95	260
% of Volume	102	100	97	97	100	100	102	101	100	103	102	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.5
Denied Del/Veh (s)	0.9
Total Delay (hr)	13.7
Total Del/Veh (s)	23.2
Stop Delay (hr)	11.4
Stop Del/Veh (s)	19.4
Total Stops	1380
Stop/Veh	0.65
Travel Dist (mi)	161.4
Travel Time (hr)	20.3
Avg Speed (mph)	8
Fuel Used (gal)	8.8
Fuel Eff. (mpg)	18.4
HC Emissions (g)	80
CO Emissions (g)	2423
NOx Emissions (g)	256
Vehicles Entered	2101
Vehicles Exited	2103
Hourly Exit Rate	2103
Input Volume	2092
% of Volume	101
Denied Entry Before	0

4: Liquidators Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.0	0.0	3.8	0.1	0.1	0.0
Total Delay (hr)	0.2	0.3	0.0	0.1	1.6	0.0	0.0	0.0	0.3	2.5
Total Del/Veh (s)	43.6	2.7	1.5	39.1	6.8	6.4	37.8	5.4	11.5	6.5
Stop Delay (hr)	0.2	0.2	0.0	0.1	1.0	0.0	0.0	0.0	0.3	1.7
Stop Del/Veh (s)	41.9	1.6	1.1	36.8	4.0	3.8	36.0	5.1	10.8	4.4
Total Stops	14	59	2	5	230	2	4	5	86	407
Stop/Veh	1.00	0.15	0.18	1.00	0.27	0.33	1.00	1.00	0.86	0.29
Travel Dist (mi)	0.7	20.5	0.6	0.4	61.0	0.4	0.1	0.2	3.8	87.8
Travel Time (hr)	0.2	1.0	0.0	0.1	3.7	0.0	0.1	0.0	0.5	5.6
Avg Speed (mph)	4	21	18	5	17	15	3	12	7	16
Fuel Used (gal)	0.1	0.8	0.0	0.0	2.2	0.0	0.0	0.0	0.2	3.2
Fuel Eff. (mpg)	14.3	25.6	41.1	17.8	28.2	33.5	9.3	42.4	23.4	27.0
HC Emissions (g)	0	6	0	0	16	0	0	0	0	22
CO Emissions (g)	4	250	3	2	488	2	3	1	21	774
NOx Emissions (g)	0	21	0	0	58	0	0	0	2	83
Vehicles Entered	14	387	11	5	852	6	4	5	100	1384
Vehicles Exited	14	387	11	5	851	6	4	5	100	1383
Hourly Exit Rate	14	387	11	5	851	6	4	5	100	1383
Input Volume	15	386	10	5	846	5	5	5	100	1378
% of Volume	92	100	107	100	101	120	84	105	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 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	0.1	0.0	0.1	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.9	3.9	3.8	0.2	0.2
Total Delay (hr)	0.4	0.9	0.1	0.5	1.9	0.2	0.5	1.2	0.2	1.6	0.4	0.1
Total Del/Veh (s)	55.1	9.0	6.7	48.1	8.6	3.9	45.2	52.6	27.3	44.1	35.9	12.3
Stop Delay (hr)	0.4	0.7	0.0	0.5	1.3	0.1	0.4	1.1	0.2	1.5	0.4	0.1
Stop Del/Veh (s)	53.6	6.4	5.4	46.7	5.9	1.9	42.5	48.2	26.5	41.5	32.0	11.8
Total Stops	24	146	14	36	234	53	36	75	28	124	33	26
Stop/Veh	0.96	0.39	0.44	0.97	0.29	0.31	0.95	0.91	0.93	0.93	0.80	0.84
Travel Dist (mi)	1.2	17.4	1.5	5.8	121.6	25.5	3.2	7.0	2.6	11.4	3.6	2.7
Travel Time (hr)	0.4	1.5	0.1	0.7	6.0	1.2	0.6	1.5	0.4	2.2	0.5	0.2
Avg Speed (mph)	3	11	11	8	20	22	5	5	7	5	7	12
Fuel Used (gal)	0.1	0.7	0.0	0.3	4.2	0.7	0.2	0.5	0.1	0.8	0.2	0.1
Fuel Eff. (mpg)	11.2	23.7	32.1	22.4	29.3	34.3	15.1	13.0	17.1	14.1	17.1	24.0
HC Emissions (g)	0	11	0	4	52	5	1	2	3	3	1	3
CO Emissions (g)	8	263	5	80	1308	177	49	106	72	181	47	67
NOx Emissions (g)	0	31	1	10	157	18	4	8	8	12	3	7
Vehicles Entered	24	374	32	37	792	168	38	81	30	131	41	30
Vehicles Exited	24	375	32	36	795	167	38	81	30	132	41	30
Hourly Exit Rate	24	375	32	36	795	167	38	81	30	132	41	30
Input Volume	25	366	35	35	783	170	40	80	30	131	40	30
% of Volume	96	103	91	104	102	98	95	101	99	101	102	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.5
Total Delay (hr)	8.0
Total Del/Veh (s)	16.1
Stop Delay (hr)	6.8
Stop Del/Veh (s)	13.5
Total Stops	829
Stop/Veh	0.46
Travel Dist (mi)	203.4
Travel Time (hr)	15.5
Avg Speed (mph)	13
Fuel Used (gal)	8.1
Fuel Eff. (mpg)	25.2
HC Emissions (g)	86
CO Emissions (g)	2363
NOx Emissions (g)	258
Vehicles Entered	1778
Vehicles Exited	1781
Hourly Exit Rate	1781
Input Volume	1764
% of Volume	101
Denied Entry Before	0

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.2	0.1	0.1	0.2
Total Delay (hr)	0.1	0.9	0.1	0.6	2.6	0.0	1.0	0.1	0.1	0.0	5.4
Total Del/Veh (s)	55.7	6.8	4.2	43.2	9.6	4.5	36.7	5.9	40.8	10.0	11.1
Stop Delay (hr)	0.1	0.6	0.1	0.5	1.2	0.0	0.9	0.1	0.1	0.0	3.5
Stop Del/Veh (s)	53.1	4.3	2.7	40.3	4.3	0.8	34.3	5.3	39.0	10.0	7.1
Total Stops	4	140	20	43	290	1	84	41	5	5	633
Stop/Veh	1.00	0.29	0.28	0.93	0.30	0.17	0.85	0.82	1.00	0.83	0.36
Travel Dist (mi)	0.5	48.8	7.3	6.1	131.2	0.9	6.1	3.1	0.2	0.2	204.4
Travel Time (hr)	0.1	2.6	0.4	0.8	7.1	0.0	1.4	0.2	0.1	0.0	12.7
Avg Speed (mph)	6	18	18	8	19	21	5	14	3	7	16
Fuel Used (gal)	0.0	1.9	0.2	0.3	4.8	0.0	0.4	0.1	0.0	0.0	7.8
Fuel Eff. (mpg)	16.6	25.8	30.5	20.0	27.3	28.5	14.1	33.6	11.3	29.2	26.0
HC Emissions (g)	0	26	1	4	74	0	3	0	0	0	109
CO Emissions (g)	5	713	51	100	1790	9	89	20	1	1	2780
NOx Emissions (g)	0	83	5	11	231	1	8	2	0	0	341
Vehicles Entered	4	488	71	45	962	6	97	50	5	6	1734
Vehicles Exited	4	488	72	45	964	6	98	50	5	6	1738
Hourly Exit Rate	4	488	72	45	964	6	98	50	5	6	1738
Input Volume	5	488	70	50	950	5	100	50	5	5	1727
% of Volume	80	100	103	90	102	120	98	101	105	126	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0

7: US Route 1 & Shop Rite Driveway Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	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	0.1	0.1	0.0
Total Delay (hr)	0.3	0.4	1.1	0.1	1.4	0.3	3.7
Total Del/Veh (s)	17.9	2.9	4.1	2.7	40.1	11.7	6.9
Stop Delay (hr)	0.3	0.1	0.5	0.0	1.4	0.3	2.6
Stop Del/Veh (s)	14.9	0.9	1.8	0.3	38.2	11.7	4.8
Total Stops	56	50	112	20	110	72	420
Stop/Veh	0.82	0.11	0.12	0.10	0.85	0.85	0.22
Travel Dist (mi)	9.2	62.6	141.6	28.8	4.1	2.8	249.0
Travel Time (hr)	0.7	2.5	5.9	1.3	1.6	0.4	12.4
Avg Speed (mph)	14	25	24	23	2	6	20
Fuel Used (gal)	0.4	2.4	4.7	0.8	0.5	0.1	8.9
Fuel Eff. (mpg)	25.3	26.3	30.2	34.1	8.7	20.7	28.1
HC Emissions (g)	2	45	67	4	2	1	120
CO Emissions (g)	81	1075	1478	193	63	21	2911
NOx Emissions (g)	7	137	207	16	7	2	378
Vehicles Entered	68	468	957	190	127	85	1895
Vehicles Exited	68	468	956	190	128	85	1895
Hourly Exit Rate	68	468	956	190	128	85	1895
Input Volume	70	467	952	190	130	80	1889
% of Volume	97	100	100	100	98	106	100
Denied Entry Before	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 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	0.1	0.0	0.0	0.1	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.1	3.8	0.3	0.3	3.6	0.4	0.5
Total Delay (hr)	0.6	0.7	0.4	2.1	8.4	1.3	1.3	2.1	1.0	0.8	4.8	0.8
Total Del/Veh (s)	57.8	11.6	4.0	49.0	27.3	27.7	57.5	63.0	42.6	43.1	64.3	61.8
Stop Delay (hr)	0.6	0.6	0.0	1.9	5.5	0.9	1.2	1.9	0.9	0.7	4.2	0.7
Stop Del/Veh (s)	55.6	9.6	0.1	44.6	17.8	19.0	52.4	56.0	38.8	37.8	56.4	56.0
Total Stops	38	85	0	148	788	127	98	126	87	65	270	50
Stop/Veh	0.95	0.37	0.00	0.96	0.71	0.78	1.21	1.03	1.05	0.96	1.02	1.06
Travel Dist (mi)	3.5	18.8	21.1	22.4	161.1	23.9	7.6	11.5	8.0	7.9	30.8	5.5
Travel Time (hr)	0.8	1.4	1.1	3.0	14.3	2.2	1.7	2.5	1.3	1.2	5.8	1.0
Avg Speed (mph)	4	14	19	8	11	11	5	5	6	7	5	5
Fuel Used (gal)	0.2	0.7	0.5	1.3	7.7	1.1	0.6	0.9	0.5	0.5	2.1	0.4
Fuel Eff. (mpg)	14.6	26.0	45.5	17.4	21.0	22.0	12.6	13.0	15.6	16.3	14.5	15.2
HC Emissions (g)	1	9	5	15	89	3	8	7	7	8	10	5
CO Emissions (g)	38	217	126	436	2371	176	217	246	197	223	433	123
NOx Emissions (g)	3	25	14	45	294	19	20	21	19	22	35	12
Vehicles Entered	40	229	324	152	1109	162	79	119	82	66	260	46
Vehicles Exited	40	229	324	152	1109	162	79	119	82	66	255	46
Hourly Exit Rate	40	229	324	152	1109	162	79	119	82	66	255	46
Input Volume	41	225	330	150	1100	160	80	115	80	70	260	45
% of Volume	97	102	98	101	101	101	99	104	102	95	98	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	24.3
Total Del/Veh (s)	32.5
Stop Delay (hr)	19.1
Stop Del/Veh (s)	25.5
Total Stops	1882
Stop/Veh	0.70
Travel Dist (mi)	322.0
Travel Time (hr)	36.3
Avg Speed (mph)	9
Fuel Used (gal)	16.4
Fuel Eff. (mpg)	19.6
HC Emissions (g)	167
CO Emissions (g)	4804
NOx Emissions (g)	530
Vehicles Entered	2668
Vehicles Exited	2663
Hourly Exit Rate	2663
Input Volume	2656
% of Volume	100
Denied Entry Before	0

9: I-95 Ramps/Global Gas Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	1.0	1.1	0.1	0.0	0.0	0.0	0.0	0.0	2.2
Denied Del/Veh (s)	0.0	0.0	0.0	7.5	5.3	5.8	0.2	0.1	0.1	0.1	0.1	3.3
Total Delay (hr)	0.0	1.3	0.2	8.6	2.5	0.1	6.1	0.1	0.1	0.1	0.5	19.8
Total Del/Veh (s)	48.9	15.9	11.1	66.3	11.9	8.2	35.5	29.2	6.5	47.5	51.6	29.9
Stop Delay (hr)	0.0	1.1	0.2	8.1	1.6	0.1	5.2	0.1	0.1	0.1	0.5	17.1
Stop Del/Veh (s)	46.1	12.8	9.4	61.8	7.6	5.7	30.4	26.1	5.7	45.1	51.4	25.8
Total Stops	2	122	38	520	346	18	504	11	51	7	36	1655
Stop/Veh	1.00	0.41	0.55	1.11	0.46	0.41	0.81	0.73	0.71	0.88	0.95	0.69
Travel Dist (mi)	0.3	42.6	9.8	71.4	116.1	6.7	61.6	1.5	7.2	0.2	0.9	318.4
Travel Time (hr)	0.0	2.9	0.6	12.2	7.5	0.4	8.5	0.2	0.4	0.1	0.6	33.5
Avg Speed (mph)	8	15	16	6	18	19	7	9	17	2	1	10
Fuel Used (gal)	0.0	2.0	0.4	4.3	4.8	0.2	3.5	0.1	0.2	0.0	0.2	15.7
Fuel Eff. (mpg)	19.0	21.6	24.3	16.6	24.1	28.5	17.4	22.0	31.6	6.4	5.6	20.2
HC Emissions (g)	0	41	6	38	52	3	40	0	1	0	0	181
CO Emissions (g)	3	1079	167	1035	1594	75	1238	13	56	2	10	5272
NOx Emissions (g)	0	120	18	100	168	8	116	1	4	0	1	537
Vehicles Entered	2	295	68	458	748	43	608	15	71	8	37	2353
Vehicles Exited	2	295	68	460	749	44	610	15	72	8	36	2359
Hourly Exit Rate	2	295	68	460	749	44	610	15	72	8	36	2359
Input Volume	2	293	70	470	750	45	600	14	70	7	36	2357
% of Volume	100	101	97	98	100	98	102	105	103	110	99	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

101: Costco Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	3.0	0.2	0.3	0.0	0.0	0.0	4.2	0.1	0.1	0.1	0.1
Total Delay (hr)	0.1	0.6	0.0	0.4	1.0	0.0	0.2	0.0	0.2	0.1	2.7
Total Del/Veh (s)	46.4	4.2	2.4	43.8	3.3	2.9	39.7	5.4	36.1	10.1	5.5
Stop Delay (hr)	0.1	0.4	0.0	0.3	0.4	0.0	0.2	0.0	0.2	0.2	1.8
Stop Del/Veh (s)	44.6	2.5	1.4	41.5	1.3	1.1	38.1	5.9	34.8	10.4	3.6
Total Stops	11	105	5	28	110	4	18	23	17	47	368
Stop/Veh	1.00	0.20	0.19	0.97	0.10	0.12	0.90	0.88	0.89	0.90	0.21
Travel Dist (mi)	1.1	50.7	2.5	3.3	120.4	3.7	0.9	1.1	0.5	1.3	185.5
Travel Time (hr)	0.2	2.3	0.1	0.5	5.4	0.2	0.3	0.1	0.2	0.2	9.5
Avg Speed (mph)	6	22	21	7	22	20	3	11	2	6	20
Fuel Used (gal)	0.1	1.7	0.1	0.2	5.6	0.2	0.1	0.0	0.1	0.1	8.1
Fuel Eff. (mpg)	17.3	29.7	34.7	16.3	21.3	23.8	11.0	36.9	8.4	20.0	23.0
HC Emissions (g)	0	18	1	1	75	1	0	0	0	0	97
CO Emissions (g)	11	524	20	54	2476	50	11	6	4	9	3166
NOx Emissions (g)	1	57	2	4	265	5	1	0	0	1	337
Vehicles Entered	11	511	26	29	1051	32	20	26	18	52	1776
Vehicles Exited	11	512	26	28	1052	32	20	26	18	52	1777
Hourly Exit Rate	11	512	26	28	1052	32	20	26	18	52	1777
Input Volume	10	515	25	30	1042	30	21	25	20	51	1768
% of Volume	107	99	105	93	101	107	96	105	91	101	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0

102: Pure Hockey Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBT	EBR	WBT	WBR	NBL	NBR	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.0	0.6	0.1	0.1	0.6	0.2	0.1
Total Delay (hr)	0.2	0.0	0.8	0.1	0.0	0.0	0.6	0.0	1.8
Total Del/Veh (s)	2.1	1.7	3.3	2.6	30.0	5.0	36.5	22.0	4.4
Stop Delay (hr)	0.0	0.0	0.2	0.0	0.0	0.0	0.6	0.0	1.0
Stop Del/Veh (s)	0.2	0.2	1.0	1.3	28.8	5.0	35.0	22.6	2.4
Total Stops	0	1	54	6	3	19	54	6	143
Stop/Veh	0.00	0.02	0.06	0.07	1.00	1.00	0.89	0.86	0.10
Travel Dist (mi)	32.8	4.7	39.3	3.5	0.1	0.4	1.0	0.1	82.0
Travel Time (hr)	1.4	0.2	2.2	0.3	0.0	0.1	0.7	0.1	4.9
Avg Speed (mph)	23	20	18	14	3	8	2	2	17
Fuel Used (gal)	1.6	0.2	1.9	0.1	0.0	0.0	0.2	0.0	4.0
Fuel Eff. (mpg)	21.0	25.1	20.8	28.1	11.2	30.1	6.2	8.5	20.7
HC Emissions (g)	25	1	13	2	0	0	0	0	42
CO Emissions (g)	751	56	599	45	0	1	11	1	1464
NOx Emissions (g)	86	5	60	6	0	0	1	0	159
Vehicles Entered	398	57	871	86	3	19	60	7	1501
Vehicles Exited	399	57	871	86	3	19	60	7	1502
Hourly Exit Rate	399	57	871	86	3	19	60	7	1502
Input Volume	400	56	872	81	5	16	59	6	1496
% of Volume	100	102	100	106	57	117	102	112	100
Denied Entry Before	0	0	0	0	0	0	0	0	0

103: US Route 1 & Home Depot Driveway Performance by movement

Movement	EBT	EBR	WBT	WBR	NWL	NWR	All
Denied Delay (hr)	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	0.1	0.1	0.0
Total Delay (hr)	0.1	0.0	0.3	0.0	0.0	0.1	0.5
Total Del/Veh (s)	0.8	0.8	1.4	0.7	15.3	6.1	1.5
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Stop Del/Veh (s)	0.1	0.0	0.1	0.1	13.3	4.0	0.3
Total Stops	0	0	2	0	11	35	48
Stop/Veh	0.00	0.00	0.00	0.00	1.00	0.97	0.04
Travel Dist (mi)	28.1	0.4	49.3	0.6	0.2	0.6	79.2
Travel Time (hr)	1.0	0.0	2.1	0.0	0.1	0.1	3.3
Avg Speed (mph)	27	27	24	26	4	8	24
Fuel Used (gal)	1.0	0.0	2.2	0.0	0.0	0.0	3.3
Fuel Eff. (mpg)	29.4	27.9	22.1	19.7	15.1	28.7	24.2
HC Emissions (g)	9	0	34	0	0	0	44
CO Emissions (g)	288	3	977	16	1	3	1287
NOx Emissions (g)	32	0	117	1	0	0	150
Vehicles Entered	390	5	848	11	11	36	1301
Vehicles Exited	390	5	848	11	11	35	1300
Hourly Exit Rate	390	5	848	11	11	35	1300
Input Volume	387	5	840	10	10	33	1286
% of Volume	101	100	101	107	107	106	101
Denied Entry Before	0	0	0	0	0	0	0

104: Twin Towers Office Driveway & US Route 1 Performance by movement

Movement	EBT	EBR	WBT	NBL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.2	0.0	0.3	0.0
Total Delay (hr)	0.6	0.0	0.6	0.5	1.7
Total Del/Veh (s)	4.5	2.6	2.3	33.7	4.1
Stop Delay (hr)	0.3	0.0	0.2	0.4	0.9
Stop Del/Veh (s)	1.9	0.1	0.6	31.4	2.1
Total Stops	78	0	55	44	177
Stop/Veh	0.15	0.00	0.06	0.88	0.12
Travel Dist (mi)	81.0	3.5	73.1	2.6	160.2
Travel Time (hr)	3.5	0.2	3.1	0.6	7.4
Avg Speed (mph)	23	23	24	5	22
Fuel Used (gal)	3.3	0.1	3.1	0.2	6.8
Fuel Eff. (mpg)	24.4	27.4	23.2	14.8	23.7
HC Emissions (g)	56	1	40	1	98
CO Emissions (g)	1435	30	1166	35	2667
NOx Emissions (g)	179	3	142	3	328
Vehicles Entered	508	22	940	50	1520
Vehicles Exited	506	22	940	49	1517
Hourly Exit Rate	506	22	940	49	1517
Input Volume	500	20	928	50	1497
% of Volume	101	111	101	98	101
Denied Entry Before	0	0	0	0	0

105: US Route 1 & Kohl's Driveway Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.2	0.1	0.2	0.1	0.1
Total Delay (hr)	0.3	0.4	0.0	2.5	0.3	0.0	0.8	0.5	4.8
Total Del/Veh (s)	26.0	3.4	8.5	9.9	6.0	4.6	33.5	32.5	10.0
Stop Delay (hr)	0.3	0.3	0.0	1.1	0.0	0.0	0.8	0.5	2.9
Stop Del/Veh (s)	23.9	2.1	5.4	4.2	0.9	4.5	31.9	32.0	6.1
Total Stops	32	78	11	260	20	17	70	44	532
Stop/Veh	0.84	0.17	0.58	0.29	0.13	0.89	0.80	0.83	0.31
Travel Dist (mi)	2.9	35.7	2.0	90.8	15.7	0.4	2.2	1.3	151.1
Travel Time (hr)	0.4	1.6	0.1	5.7	0.9	0.1	0.9	0.6	10.2
Avg Speed (mph)	8	22	16	16	17	8	2	2	15
Fuel Used (gal)	0.1	1.3	0.1	4.2	0.6	0.0	0.3	0.1	6.7
Fuel Eff. (mpg)	22.8	28.0	25.1	21.7	27.0	31.8	8.3	9.0	22.6
HC Emissions (g)	1	14	0	58	4	0	1	1	79
CO Emissions (g)	23	394	23	1533	144	1	34	23	2176
NOx Emissions (g)	2	44	2	199	18	0	3	2	272
Vehicles Entered	37	450	19	907	155	19	85	52	1724
Vehicles Exited	37	449	19	907	155	19	86	52	1724
Hourly Exit Rate	37	449	19	907	155	19	86	52	1724
Input Volume	40	442	20	895	150	20	89	50	1706
% of Volume	92	102	96	101	103	96	97	103	101
Denied Entry Before	0	0	0	0	0	0	0	0	0

106: Stop & Shop Driveway/Best Buy Driveway & US Route 1 Performance by movement

Movement	EBT	WBL	WBT	NBR	SBL	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	0.1	0.1	0.0
Total Delay (hr)	0.5	0.8	1.1	0.0	0.0	2.4
Total Del/Veh (s)	3.3	40.2	3.3	42.7	64.6	4.8
Stop Delay (hr)	0.3	0.7	0.1	0.0	0.0	1.2
Stop Del/Veh (s)	1.7	36.4	0.4	42.6	63.1	2.3
Total Stops	81	68	22	2	1	174
Stop/Veh	0.14	0.97	0.02	1.00	1.00	0.10
Travel Dist (mi)	88.1	6.2	104.7	0.1	0.0	199.1
Travel Time (hr)	3.6	1.0	4.7	0.0	0.0	9.4
Avg Speed (mph)	25	6	22	2	2	21
Fuel Used (gal)	3.1	0.4	5.4	0.0	0.0	8.9
Fuel Eff. (mpg)	28.8	14.4	19.5	9.4	7.1	22.4
HC Emissions (g)	41	2	87	0	0	130
CO Emissions (g)	1021	87	2411	0	0	3519
NOx Emissions (g)	128	9	313	0	0	451
Vehicles Entered	591	69	1150	2	1	1813
Vehicles Exited	592	69	1149	2	1	1813
Hourly Exit Rate	592	69	1149	2	1	1813
Input Volume	593	68	1142	2	2	1808
% of Volume	100	101	101	100	50	100
Denied Entry Before	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	3.5
Denied Del/Veh (s)	2.3
Total Delay (hr)	93.5
Total Del/Veh (s)	60.3
Stop Delay (hr)	70.2
Stop Del/Veh (s)	45.3
Total Stops	8659
Stop/Veh	1.55
Travel Dist (mi)	2905.3
Travel Time (hr)	202.4
Avg Speed (mph)	15
Fuel Used (gal)	131.6
Fuel Eff. (mpg)	22.1
HC Emissions (g)	1605
CO Emissions (g)	47546
NOx Emissions (g)	5271
Vehicles Entered	5382
Vehicles Exited	5395
Hourly Exit Rate	5395
Input Volume	28422
% of Volume	19
Denied Entry Before	0

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Richards Ave	3	11.0	23.6	0.1	17	16	13.4
Total		11.0	23.6	0.1	17	16	13.4

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Richards Ave	19	9.3	18	10.2	17	11.5	19
Total	19	9.3	18	10.2	17	11.5	19

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Richards Ave	9.2	17	11.9	15	13.7	19	9.0
Total	9.2	17	11.9	15	13.7	19	9.0

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Richards Ave	17	11.9	18	9.7
Total	17	11.9	18	9.7

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
	101	2.2	16.2	0.1	25	26	2.1
Total		2.2	16.2	0.1	25	26	2.1

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
	25	2.4	25	2.2	25	2.2	25
Total	25	2.4	25	2.2	25	2.2	25

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
	2.2	25	2.2	26	2.0	25	2.3
Total	2.2	25	2.2	26	2.0	25	2.3

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
	25	2.1	25	2.3
Total	25	2.1	25	2.3

Arterial Level of Service
No Build AM

11/14/2025

Arterial Level of Service: EB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Pure Hockey Driveway	102	2.4	12.3	0.1	23	22	3.0
Liquidators Driveway	4	2.7	9.1	0.1	22	23	2.2
	103	0.8	9.5	0.1	28	28	0.7
Keeler Ave	5	8.7	14.4	0.1	13	14	7.6
Twin Towers Office D	104	5.8	24.7	0.2	23	25	4.4
	105	3.4	13.0	0.1	22	23	3.1
Rampart Road	6	6.2	18.2	0.1	20	21	5.7
Shop Rite Driveway	7	2.9	19.1	0.1	26	26	2.6
Stop & Shop Driveway	106	3.7	21.4	0.2	26	27	2.9
Scribner Avenue	8	11.6	21.5	0.1	15	14	13.2
I-95 Ramps	9	17.6	34.9	0.1	15	14	18.8
Total		65.6	198.1	1.1	21	21	64.3

Arterial Level of Service: EB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Pure Hockey Driveway	24	2.1	24	2.2	23	2.6	23
Liquidators Driveway	24	2.0	23	2.2	21	3.2	23
	28	0.6	28	0.6	27	0.9	27
Keeler Ave	12	10.6	14	8.5	13	9.4	13
Twin Towers Office D	22	7.1	23	6.2	24	5.4	22
	23	2.9	22	3.2	21	3.7	22
Rampart Road	20	6.7	20	6.1	19	7.1	21
Shop Rite Driveway	26	2.7	26	3.3	25	3.2	26
Stop & Shop Driveway	26	3.1	25	4.5	25	4.0	26
Scribner Avenue	15	11.8	15	11.7	15	12.2	15
I-95 Ramps	16	14.8	15	18.9	15	17.6	15
Total	21	64.5	20	67.5	20	69.2	20

Arterial Level of Service: EB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Pure Hockey Driveway	2.3	23	2.3	23	2.7	24	2.3
Liquidators Driveway	2.1	22	2.5	24	1.7	21	3.2
	0.7	28	0.7	28	0.6	28	0.8
Keeler Ave	9.1	15	7.1	14	8.1	15	7.3
Twin Towers Office D	6.6	24	4.4	24	5.1	24	5.8
	3.6	22	3.3	22	3.4	23	2.9
Rampart Road	5.4	20	6.9	19	7.0	21	5.3
Shop Rite Driveway	3.0	25	3.1	26	2.8	26	2.4
Stop & Shop Driveway	3.3	26	3.4	25	3.7	26	3.6
Scribner Avenue	12.5	17	10.0	16	10.9	15	12.8
I-95 Ramps	18.1	15	18.2	15	17.1	16	15.6
Total	66.8	21	62.0	21	63.0	21	62.0

Arterial Level of Service: EB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Pure Hockey Driveway	23	2.3	24	2.2
Liquidators Driveway	19	3.9	20	3.8
	26	1.2	28	0.7
Keeler Ave	12	10.1	13	8.9
Twin Towers Office D	22	7.2	24	5.1
	21	3.7	21	3.9
Rampart Road	20	6.3	21	5.3
Shop Rite Driveway	25	3.5	26	2.8
Stop & Shop Driveway	26	3.1	24	5.0
Scribner Avenue	15	11.5	17	9.5
I-95 Ramps	15	18.1	15	18.7
Total	20	70.8	21	66.0

Arterial Level of Service
No Build AM

11/14/2025

Arterial Level of Service: WB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Global Gas Driveway	9	11.9	35.9	0.2	20	19	12.0
Scribner Avenue	8	23.4	41.0	0.1	13	12	24.9
Best Buy Driveway	106	3.5	14.4	0.1	23	23	3.3
Shop Rite Driveway	7	4.1	21.9	0.2	25	24	4.6
Driveway	6	9.6	26.0	0.1	19	19	9.2
Kohl's Driveway	105	9.7	21.9	0.1	17	17	9.5
Twin Towers Office D	104	2.2	11.6	0.1	25	25	2.1
	5	7.8	26.2	0.2	22	22	8.2
Home Depot Driveway	103	1.5	8.5	0.1	23	23	1.5
Walmart Driveway	4	6.8	15.5	0.1	17	19	5.1
Walmart Driveway	102	3.4	9.0	0.1	22	25	2.4
	3	22.3	32.1	0.1	9	9	23.3
Total		106.1	264.0	1.3	18	18	105.9

Arterial Level of Service: WB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Global Gas Driveway	20	10.8	20	11.7	21	10.1	20
Scribner Avenue	15	18.2	10	32.5	14	19.5	13
Best Buy Driveway	23	3.2	22	3.7	23	3.4	23
Shop Rite Driveway	25	4.0	24	5.1	25	4.3	25
Driveway	18	11.0	19	9.2	18	10.4	19
Kohl's Driveway	16	10.8	17	9.7	16	11.3	17
Twin Towers Office D	24	2.5	24	2.3	25	2.1	25
	22	8.1	22	7.6	22	8.2	22
Home Depot Driveway	22	1.5	23	1.3	23	1.5	22
Walmart Driveway	17	6.7	19	5.5	16	7.4	17
Walmart Driveway	24	2.7	24	2.8	21	3.9	21
	10	19.2	10	19.9	9	22.7	8
Total	19	98.7	18	111.4	18	104.7	18

Arterial Level of Service: WB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Global Gas Driveway	11.5	20	10.6	16	18.1	20	10.7
Scribner Avenue	22.2	13	23.0	14	19.3	13	24.0
Best Buy Driveway	3.5	23	3.5	23	3.1	24	3.1
Shop Rite Driveway	4.0	26	3.6	27	2.9	25	4.1
Driveway	8.8	20	8.9	19	9.1	19	9.7
Kohl's Driveway	9.4	17	10.2	19	7.5	17	9.5
Twin Towers Office D	2.1	25	2.2	25	2.0	24	2.4
	7.3	22	7.3	23	6.4	22	7.9
Home Depot Driveway	1.5	23	1.4	23	1.1	23	1.5
Walmart Driveway	7.2	19	5.4	20	4.3	15	8.3
Walmart Driveway	3.8	23	3.0	24	2.7	21	4.0
	24.7	9	22.9	10	19.6	9	23.0
Total	105.9	18	102.0	19	96.1	18	108.1

Arterial Level of Service: WB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Global Gas Driveway	19	12.9	20	11.3
Scribner Avenue	11	29.9	14	19.9
Best Buy Driveway	23	3.7	22	3.9
Shop Rite Driveway	25	4.4	25	4.3
Driveway	18	10.2	19	9.1
Kohl's Driveway	17	9.4	17	10.0
Twin Towers Office D	25	2.1	24	2.3
	22	7.8	21	8.9
Home Depot Driveway	22	1.6	22	1.6
Walmart Driveway	14	9.7	16	8.2
Walmart Driveway	20	4.5	21	3.9
	8	25.3	9	21.9
Total	17	121.5	18	105.3

Queuing and Blocking Report
No Build AM

11/14/2025

Intersection: 3: Richards Ave & Connecticut Avenue/US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	T	R
Maximum Queue (ft)	210	105	193	136	314	350	100	140	128	128	135	120
Average Queue (ft)	85	24	81	23	124	231	36	57	44	48	39	37
95th Queue (ft)	178	76	154	81	309	374	106	112	101	102	95	91
Link Distance (ft)	488	488	488		308	308			263		209	
Upstream Blk Time (%)					0	5					0	
Queuing Penalty (veh)					2	24					0	
Storage Bay Dist (ft)				210			75	163		135		135
Storage Blk Time (%)					2	35	0	0	0	1	0	0
Queuing Penalty (veh)					1	21	0	0	0	2	1	0

Intersection: 4: Liquidators Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	R
Maximum Queue (ft)	58	79	90	44	278	302	30	33	92
Average Queue (ft)	13	17	25	6	61	117	4	4	42
95th Queue (ft)	42	53	69	29	182	263	19	22	76
Link Distance (ft)	159	159	159		317	317		214	203
Upstream Blk Time (%)					0	0			
Queuing Penalty (veh)					0	1			
Storage Bay Dist (ft)				50			150		
Storage Blk Time (%)				0	5				
Queuing Penalty (veh)				1	0				

Intersection: 5: Keeler Ave & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	L	TR
Maximum Queue (ft)	50	145	173	72	162	219	82	128	141	88	124	79
Average Queue (ft)	14	39	80	12	52	88	29	27	54	10	59	17
95th Queue (ft)	39	104	152	47	123	172	62	83	120	47	110	54
Link Distance (ft)	184	184	184	728	728	728		433				439
Upstream Blk Time (%)		0	0									
Queuing Penalty (veh)		0	0									
Storage Bay Dist (ft)							210		150	190	190	
Storage Blk Time (%)						0			2			
Queuing Penalty (veh)						1			1			

Queuing and Blocking Report
No Build AM

11/14/2025

Intersection: 6: Rampart Road/Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	TR
Maximum Queue (ft)	35	115	162	128	262	349	21	129	77	40	28
Average Queue (ft)	5	49	63	42	67	144	1	63	25	5	4
95th Queue (ft)	23	99	127	90	185	297	10	109	56	23	19
Link Distance (ft)		468	468		654	654			330	190	190
Upstream Blk Time (%)											
Queuing Penalty (veh)											
Storage Bay Dist (ft)	200			200			230	120			
Storage Blk Time (%)					0	3		1	0		
Queuing Penalty (veh)					0	0		1	0		

Intersection: 7: US Route 1 & Shop Rite Driveway

Movement	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	T	R	L	L	R
Maximum Queue (ft)	90	78	119	123	183	58	100	116	93
Average Queue (ft)	39	15	32	33	63	17	39	50	32
95th Queue (ft)	79	54	87	90	141	48	84	99	69
Link Distance (ft)		654	654	728	728		162	162	162
Upstream Blk Time (%)							0	0	0
Queuing Penalty (veh)							0	0	0
Storage Bay Dist (ft)	315					460			
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 8: Scribner Avenue & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	T	L	T	TR	L	TR	L	TR
Maximum Queue (ft)	80	96	107	259	481	506	130	323	231	490
Average Queue (ft)	28	31	38	105	265	303	75	156	76	239
95th Queue (ft)	62	74	84	195	422	457	148	293	204	452
Link Distance (ft)		374	374		675	675		501		629
Upstream Blk Time (%)						0		0		0
Queuing Penalty (veh)						0		0		0
Storage Bay Dist (ft)	230			540			90		144	
Storage Blk Time (%)					0		8	34	0	35
Queuing Penalty (veh)					0		17	28	0	25

Queuing and Blocking Report
No Build AM

11/14/2025

Intersection: 9: I-95 Ramps/Global Gas Driveway & US Route 1

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	TR	L	T	TR	L	L	TR	LT	R
Maximum Queue (ft)	114	135	579	671	546	332	305	91	35	89
Average Queue (ft)	49	62	306	173	155	194	168	34	7	32
95th Queue (ft)	94	117	578	514	448	300	272	72	27	70
Link Distance (ft)	675	675		814	814	532	532	532	117	117
Upstream Blk Time (%)				3	1					0
Queuing Penalty (veh)				0	0					0
Storage Bay Dist (ft)			550							
Storage Blk Time (%)			8	1						
Queuing Penalty (veh)			29	3						

Intersection: 101: Costco Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	R	L	TR
Maximum Queue (ft)	35	112	213	67	100	119	47	22	17	44	57
Average Queue (ft)	6	25	60	22	35	52	13	4	5	11	19
95th Queue (ft)	22	72	144	54	82	105	37	17	15	35	43
Link Distance (ft)		516	516	488	488	488		220	220	121	121
Upstream Blk Time (%)			0								
Queuing Penalty (veh)			0								
Storage Bay Dist (ft)	65						70				
Storage Blk Time (%)	0	1					0				
Queuing Penalty (veh)	0	0					0				

Intersection: 102: Pure Hockey Driveway/Walmart Driveway & US Route 1

Movement	EB	WB	WB	NB	SB
Directions Served	TR	T	TR	LTR	TR
Maximum Queue (ft)	20	146	170	41	101
Average Queue (ft)	1	11	36	17	46
95th Queue (ft)	9	73	130	43	91
Link Distance (ft)	308	159	159	117	89
Upstream Blk Time (%)		0	1		3
Queuing Penalty (veh)		0	5		0
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Queuing and Blocking Report
No Build AM

11/14/2025

Intersection: 103: US Route 1 & Home Depot Driveway

Movement	EB	WB	WB	NW	NW
Directions Served	TR	T	T	L	R
Maximum Queue (ft)	5	6	23	38	53
Average Queue (ft)	0	0	1	10	22
95th Queue (ft)	5	4	13	34	47
Link Distance (ft)	317	184	184	94	94
Upstream Blk Time (%)					
Queuing Penalty (veh)					
Storage Bay Dist (ft)					
Storage Blk Time (%)					
Queuing Penalty (veh)					

Intersection: 104: Twin Towers Office Driveway & US Route 1

Movement	EB	EB	WB	WB	NB	NB
Directions Served	T	T	T	T	L	LR
Maximum Queue (ft)	85	178	46	115	30	93
Average Queue (ft)	6	56	5	42	2	36
95th Queue (ft)	38	135	27	99	13	78
Link Distance (ft)	728	728	344	344		280
Upstream Blk Time (%)						
Queuing Penalty (veh)						
Storage Bay Dist (ft)					75	
Storage Blk Time (%)		0				2
Queuing Penalty (veh)		0				1

Intersection: 105: US Route 1 & Kohl's Driveway

Movement	EB	EB	EB	WB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	T	L	T	T	R	R	L	R
Maximum Queue (ft)	74	77	107	46	290	433	203	40	129	107
Average Queue (ft)	28	28	39	10	19	149	27	13	56	39
95th Queue (ft)	63	69	90	35	134	315	128	38	105	83
Link Distance (ft)	344	344	344		468	468		118	134	134
Upstream Blk Time (%)					0	0			0	0
Queuing Penalty (veh)					0	1			0	0
Storage Bay Dist (ft)				165			90			
Storage Blk Time (%)					0	13	0			
Queuing Penalty (veh)					0	19	0			

Queuing and Blocking Report

No Build AM

11/14/2025

Intersection: 106: Stop & Shop Driveway/Best Buy Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	SB
Directions Served	T	T	T	L	T	T	R	LT
Maximum Queue (ft)	58	70	128	127	53	85	26	20
Average Queue (ft)	11	11	27	47	4	9	2	1
95th Queue (ft)	39	41	82	98	25	47	15	11
Link Distance (ft)	728	728			374	374	163	140
Upstream Blk Time (%)								
Queuing Penalty (veh)								
Storage Bay Dist (ft)			300	210				
Storage Blk Time (%)								
Queuing Penalty (veh)								

Network Summary

Network wide Queuing Penalty: 184

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	11:45	11:45	11:45	11:45	11:45	11:45	11:45
End Time	1:00	1:00	1:00	1:00	1:00	1:00	1:00
Total Time (min)	75	75	75	75	75	75	75
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4	4	4	4
Vehs Entered	7331	7548	7418	7286	7430	7422	7336
Vehs Exited	7295	7532	7427	7248	7448	7435	7297
Starting Vehs	300	341	391	325	340	362	337
Ending Vehs	336	357	382	363	322	349	376
Denied Entry Before	6	21	26	10	9	11	11
Travel Distance (mi)	4081	4228	4141	4007	4182	4066	4032
Travel Time (hr)	427.9	442.4	464.7	386.6	390.4	458.9	465.2
Total Delay (hr)	279.2	288.5	314.0	240.4	238.1	310.7	318.2
Total Stops	16418	17283	16905	15594	16873	15602	16525
Fuel Used (gal)	224.5	231.8	236.0	211.5	217.8	231.3	231.5

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	11:45	11:45	11:45	11:45
End Time	1:00	1:00	1:00	1:00
Total Time (min)	75	75	75	75
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4
Vehs Entered	7393	7397	7434	7399
Vehs Exited	7430	7384	7457	7393
Starting Vehs	338	343	336	330
Ending Vehs	301	356	313	342
Denied Entry Before	28	1	51	14
Travel Distance (mi)	4102	4094	4103	4104
Travel Time (hr)	440.6	386.0	478.7	434.1
Total Delay (hr)	290.7	236.7	328.9	284.5
Total Stops	16925	16272	16466	16482
Fuel Used (gal)	227.8	216.3	238.3	226.7

Interval #0 Information Seeding

Start Time	11:45
End Time	12:00
Total Time (min)	15
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	1802	1799	1727	1821	1790	1840	1824
Vehs Exited	1773	1819	1825	1846	1768	1852	1810
Starting Vehs	300	341	391	325	340	362	337
Ending Vehs	329	321	293	300	362	350	351
Denied Entry Before	6	21	26	10	9	11	11
Travel Distance (mi)	991	1039	1013	1018	1042	1051	1028
Travel Time (hr)	81.6	95.6	89.5	81.1	87.1	95.9	86.7
Total Delay (hr)	45.4	57.7	52.7	44.1	49.3	57.6	49.2
Total Stops	3799	4030	3638	3422	4039	4091	3953
Fuel Used (gal)	49.7	53.8	52.1	49.8	51.7	54.3	51.4

Interval #1 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	1798	1786	1831	1792
Vehs Exited	1796	1783	1825	1812
Starting Vehs	338	343	336	330
Ending Vehs	340	346	342	318
Denied Entry Before	28	1	51	14
Travel Distance (mi)	1026	1029	1020	1026
Travel Time (hr)	86.7	82.6	104.6	89.1
Total Delay (hr)	49.2	45.1	67.3	51.8
Total Stops	3890	3870	4135	3885
Fuel Used (gal)	51.5	51.0	55.8	52.1

Interval #2 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	1771	1793	1804	1714	1784	1795	1792
Vehs Exited	1743	1758	1744	1712	1825	1811	1798
Starting Vehs	329	321	293	300	362	350	351
Ending Vehs	357	356	353	302	321	334	345
Denied Entry Before	22	52	56	24	14	37	18
Travel Distance (mi)	1037	1011	988	950	1047	1006	988
Travel Time (hr)	96.8	100.8	90.4	81.4	87.2	93.6	90.5
Total Delay (hr)	59.2	64.0	54.4	46.7	49.2	57.0	54.7
Total Stops	3901	3741	3618	3383	4073	3656	3816
Fuel Used (gal)	54.0	53.7	51.1	47.6	52.0	52.6	51.4

Interval #2 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	1792	1785	1765	1777
Vehs Exited	1793	1796	1757	1772
Starting Vehs	340	346	342	318
Ending Vehs	339	335	350	331
Denied Entry Before	21	11	90	31
Travel Distance (mi)	1021	1015	1020	1008
Travel Time (hr)	98.3	85.6	108.8	93.4
Total Delay (hr)	61.0	48.7	71.6	56.6
Total Stops	4166	3890	4082	3831
Fuel Used (gal)	53.9	51.0	56.7	52.4

Interval #3 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	1996	2075	2051	2026	2109	2024	1966
Vehs Exited	1971	1991	1946	1926	2008	1964	1894
Starting Vehs	357	356	353	302	321	334	345
Ending Vehs	382	440	458	402	422	394	417
Denied Entry Before	69	74	75	36	25	60	59
Travel Distance (mi)	1040	1078	1065	1056	1098	1050	1027
Travel Time (hr)	124.2	125.3	132.5	106.7	108.1	129.0	132.7
Total Delay (hr)	86.2	86.1	93.8	68.1	68.1	90.7	95.1
Total Stops	4337	4803	4573	4714	4791	4272	4371
Fuel Used (gal)	60.9	62.2	63.8	57.3	58.6	62.3	62.3

Interval #3 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2063	2112	2030	2040
Vehs Exited	1994	2056	2003	1978
Starting Vehs	339	335	350	331
Ending Vehs	408	391	377	407
Denied Entry Before	74	13	94	56
Travel Distance (mi)	1058	1097	1060	1063
Travel Time (hr)	126.3	100.7	132.9	121.8
Total Delay (hr)	87.6	60.6	94.3	83.1
Total Stops	4805	4399	4374	4543
Fuel Used (gal)	62.1	57.6	63.6	61.1

Interval #4 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	1762	1881	1836	1725	1747	1763	1754
Vehs Exited	1808	1964	1912	1764	1847	1808	1795
Starting Vehs	382	440	458	402	422	394	417
Ending Vehs	336	357	382	363	322	349	376
Denied Entry Before	152	118	197	98	76	231	199
Travel Distance (mi)	1013	1100	1076	982	995	959	989
Travel Time (hr)	125.3	120.7	152.2	117.4	107.9	140.4	155.3
Total Delay (hr)	88.4	80.7	113.1	81.4	71.5	105.4	119.2
Total Stops	4381	4709	5076	4075	3970	3583	4385
Fuel Used (gal)	59.9	62.1	69.0	56.7	55.5	62.0	66.4

Interval #4 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	1740	1714	1808	1774
Vehs Exited	1847	1749	1872	1837
Starting Vehs	408	391	377	407
Ending Vehs	301	356	313	342
Denied Entry Before	154	50	198	144
Travel Distance (mi)	997	954	1002	1007
Travel Time (hr)	129.3	117.1	132.4	129.8
Total Delay (hr)	92.8	82.3	95.8	93.1
Total Stops	4064	4113	3875	4227
Fuel Used (gal)	60.3	56.6	62.3	61.1

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.1	0.3	0.0	0.0	0.1	0.1	0.0	0.0	1.2	1.1	1.6
Denied Del/Veh (s)	0.0	0.4	7.4	0.0	0.1	3.0	3.6	0.5	0.5	35.4	34.1	39.1
Total Delay (hr)	1.7	9.9	1.8	1.2	8.6	0.9	1.9	1.4	0.6	4.9	1.1	0.4
Total Del/Veh (s)	50.9	41.1	43.0	50.9	36.6	31.4	47.8	34.1	23.9	138.7	35.7	9.5
Stop Delay (hr)	1.6	7.5	1.4	1.1	6.9	0.8	1.8	1.2	0.5	4.8	1.0	0.4
Stop Del/Veh (s)	47.8	31.1	33.9	47.5	29.4	25.6	44.6	28.8	22.1	137.7	31.5	9.1
Total Stops	108	775	122	86	818	116	138	131	80	118	104	127
Stop/Veh	0.92	0.89	0.81	1.01	0.97	1.08	0.95	0.89	0.91	0.94	0.91	0.89
Travel Dist (mi)	13.3	95.7	13.8	7.0	67.7	8.3	7.6	7.9	4.7	5.2	5.0	6.5
Travel Time (hr)	2.2	13.3	2.6	1.5	10.9	1.4	2.4	1.7	0.8	6.3	2.4	2.3
Avg Speed (mph)	6	7	6	5	6	6	3	5	6	1	4	9
Fuel Used (gal)	0.8	6.3	0.9	0.5	4.4	0.5	0.8	0.6	0.3	1.6	0.7	0.7
Fuel Eff. (mpg)	16.2	15.3	15.1	14.0	15.2	17.0	9.4	13.0	15.0	3.2	7.1	9.0
HC Emissions (g)	3	50	29	1	21	9	2	2	5	1	7	4
CO Emissions (g)	158	1793	485	78	845	165	131	104	109	123	168	148
NOx Emissions (g)	12	183	52	6	91	19	12	10	12	7	17	14
Vehicles Entered	117	858	148	84	831	106	145	146	88	123	112	141
Vehicles Exited	117	858	146	85	830	105	145	146	87	121	113	142
Hourly Exit Rate	117	858	146	85	830	105	145	146	87	121	113	142
Input Volume	120	881	150	90	849	110	145	150	90	120	115	140
% of Volume	97	97	97	94	98	95	100	97	97	101	98	102

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	4.5
Denied Del/Veh (s)	5.6
Total Delay (hr)	34.4
Total Del/Veh (s)	42.2
Stop Delay (hr)	29.0
Stop Del/Veh (s)	35.5
Total Stops	2723
Stop/Veh	0.93
Travel Dist (mi)	242.7
Travel Time (hr)	47.9
Avg Speed (mph)	6
Fuel Used (gal)	18.2
Fuel Eff. (mpg)	13.3
HC Emissions (g)	135
CO Emissions (g)	4308
NOx Emissions (g)	435
Vehicles Entered	2899
Vehicles Exited	2895
Hourly Exit Rate	2895
Input Volume	2960
% of Volume	98

4: Liquidators Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.1	0.2	0.2	0.1	0.1
Total Delay (hr)	0.6	1.7	0.1	0.4	3.6	0.5	0.2	0.0	0.3	1.9	0.3	9.4
Total Del/Veh (s)	45.5	6.1	4.4	39.6	14.6	15.9	51.4	29.0	14.1	44.5	19.1	14.0
Stop Delay (hr)	0.5	1.0	0.0	0.3	2.5	0.4	0.2	0.0	0.3	1.8	0.3	7.3
Stop Del/Veh (s)	43.8	3.5	2.9	36.5	10.1	12.5	48.9	25.9	13.4	41.6	18.6	10.8
Total Stops	41	237	16	33	411	58	13	5	67	146	43	1070
Stop/Veh	0.93	0.24	0.27	1.03	0.47	0.53	0.87	0.83	0.89	0.96	0.75	0.44
Travel Dist (mi)	2.3	51.8	3.2	2.3	63.1	7.9	0.6	0.2	3.0	5.8	2.2	142.4
Travel Time (hr)	0.7	3.5	0.2	0.4	5.7	0.8	0.3	0.1	0.5	2.1	0.4	14.7
Avg Speed (mph)	3	15	14	5	11	9	3	4	7	3	5	10
Fuel Used (gal)	0.2	2.6	0.1	0.1	2.7	0.3	0.1	0.0	0.1	0.7	0.1	7.1
Fuel Eff. (mpg)	13.1	20.1	28.0	16.5	23.0	25.1	8.0	15.1	20.8	8.7	18.4	20.1
HC Emissions (g)	0	29	0	0	23	1	0	0	0	1	0	55
CO Emissions (g)	13	1017	20	16	690	34	13	2	20	72	13	1911
NOx Emissions (g)	1	103	2	2	80	4	1	0	2	8	1	204
Vehicles Entered	44	993	59	32	875	110	15	6	75	151	57	2417
Vehicles Exited	44	995	60	32	870	109	15	6	75	151	57	2414
Hourly Exit Rate	44	995	60	32	870	109	15	6	75	151	57	2414
Input Volume	50	1079	65	30	882	110	15	5	75	150	55	2516
% of Volume	88	92	92	107	99	99	102	126	100	101	103	96

5: Keeler Ave & US Route 1 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	0.1	0.2	0.4	0.2	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.4	0.0	0.0	0.0	5.5	10.5	9.1	3.6	0.4	0.4
Total Delay (hr)	0.8	4.2	0.4	2.9	4.1	0.4	1.0	2.6	3.9	2.6	0.8	0.5
Total Del/Veh (s)	41.5	18.5	17.4	73.5	17.2	6.7	62.7	111.0	89.2	46.3	35.9	20.4
Stop Delay (hr)	0.8	3.2	0.4	2.8	3.2	0.3	1.0	2.5	3.9	2.4	0.7	0.4
Stop Del/Veh (s)	39.8	14.1	14.7	71.1	13.1	4.1	58.6	106.6	88.6	42.6	30.8	18.9
Total Stops	66	442	49	149	421	115	72	77	145	208	72	74
Stop/Veh	0.94	0.54	0.57	1.03	0.49	0.52	1.20	0.92	0.92	1.01	0.85	0.88
Travel Dist (mi)	3.5	39.0	4.1	21.9	132.1	33.8	5.0	7.1	13.2	17.7	7.5	7.4
Travel Time (hr)	1.0	5.5	0.6	3.8	8.6	1.7	1.3	3.1	4.9	3.5	1.1	0.8
Avg Speed (mph)	4	7	7	6	15	19	4	3	3	5	7	9
Fuel Used (gal)	0.2	2.2	0.2	1.3	5.0	1.0	0.4	0.9	1.5	1.3	0.5	0.4
Fuel Eff. (mpg)	14.2	17.9	19.7	17.4	26.4	32.2	11.2	8.0	9.0	13.2	16.7	20.0
HC Emissions (g)	0	20	2	3	49	11	1	7	7	4	4	2
CO Emissions (g)	16	530	41	120	1388	309	73	187	246	294	135	96
NOx Emissions (g)	1	63	5	10	156	34	6	16	19	21	12	8
Vehicles Entered	69	806	85	139	857	222	59	83	155	203	85	84
Vehicles Exited	69	807	86	140	855	222	59	82	151	203	85	84
Hourly Exit Rate	69	807	86	140	855	222	59	82	151	203	85	84
Input Volume	75	859	90	140	865	220	60	80	155	210	80	80
% of Volume	92	94	95	100	99	101	98	102	98	97	106	105

5: Keeler Ave & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	1.0
Denied Del/Veh (s)	1.2
Total Delay (hr)	24.4
Total Del/Veh (s)	30.5
Stop Delay (hr)	21.5
Stop Del/Veh (s)	26.9
Total Stops	1890
Stop/Veh	0.66
Travel Dist (mi)	292.3
Travel Time (hr)	36.0
Avg Speed (mph)	8
Fuel Used (gal)	14.9
Fuel Eff. (mpg)	19.6
HC Emissions (g)	109
CO Emissions (g)	3436
NOx Emissions (g)	352
Vehicles Entered	2847
Vehicles Exited	2843
Hourly Exit Rate	2843
Input Volume	2914
% of Volume	98

6: Rampart Road/Driveway & US Route 1 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	0.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.8	0.6	0.8	3.7	0.4	0.2	0.1	0.1	0.1
Total Delay (hr)	0.4	4.1	0.6	1.0	8.2	0.1	1.3	0.1	0.4	0.7	0.1	0.3
Total Del/Veh (s)	44.6	14.4	14.8	39.3	27.7	11.4	33.1	29.1	13.5	93.6	27.4	16.7
Stop Delay (hr)	0.4	2.4	0.4	0.8	5.8	0.1	1.2	0.1	0.3	0.7	0.1	0.2
Stop Del/Veh (s)	40.9	8.4	9.2	34.6	19.5	6.4	30.0	25.0	12.0	91.8	24.4	16.2
Total Stops	31	422	73	85	747	26	125	12	79	26	12	44
Stop/Veh	0.97	0.41	0.49	0.97	0.70	0.60	0.86	0.80	0.79	0.96	0.80	0.80
Travel Dist (mi)	3.3	101.9	14.9	11.6	139.9	5.8	9.1	0.9	6.2	1.0	0.5	2.0
Travel Time (hr)	0.5	7.5	1.2	1.4	13.2	0.4	1.9	0.2	0.7	0.7	0.1	0.4
Avg Speed (mph)	6	14	12	8	11	16	5	6	9	1	4	6
Fuel Used (gal)	0.2	4.4	0.6	0.6	6.3	0.2	0.7	0.1	0.3	0.2	0.0	0.1
Fuel Eff. (mpg)	16.7	23.2	25.7	19.6	22.1	25.2	13.9	15.9	22.1	5.1	13.3	18.2
HC Emissions (g)	1	45	4	2	51	1	2	0	2	0	0	0
CO Emissions (g)	36	1256	120	116	1566	70	123	13	77	14	7	14
NOx Emissions (g)	3	159	15	10	175	6	10	1	7	1	1	1
Vehicles Entered	32	1006	147	87	1060	43	145	14	99	26	15	55
Vehicles Exited	32	1006	147	87	1057	43	144	15	99	27	15	54
Hourly Exit Rate	32	1006	147	87	1057	43	144	15	99	27	15	54
Input Volume	35	1058	160	90	1062	45	150	15	100	30	15	55
% of Volume	92	95	92	97	99	95	96	98	99	90	100	99

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.4
Denied Del/Veh (s)	0.5
Total Delay (hr)	17.3
Total Del/Veh (s)	22.6
Stop Delay (hr)	12.6
Stop Del/Veh (s)	16.4
Total Stops	1682
Stop/Veh	0.61
Travel Dist (mi)	297.2
Travel Time (hr)	28.2
Avg Speed (mph)	11
Fuel Used (gal)	13.7
Fuel Eff. (mpg)	21.7
HC Emissions (g)	108
CO Emissions (g)	3412
NOx Emissions (g)	389
Vehicles Entered	2729
Vehicles Exited	2726
Hourly Exit Rate	2726
Input Volume	2816
% of Volume	97

7: US Route 1 & Shop Rite Driveway Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	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	0.1	0.1	0.0
Total Delay (hr)	0.4	1.5	1.4	0.1	1.5	0.3	5.2
Total Del/Veh (s)	18.7	5.0	4.7	2.4	40.1	12.9	7.1
Stop Delay (hr)	0.3	0.3	0.7	0.0	1.4	0.3	3.0
Stop Del/Veh (s)	15.2	1.1	2.2	0.4	38.2	13.0	4.1
Total Stops	59	145	154	20	114	69	561
Stop/Veh	0.86	0.14	0.14	0.10	0.85	0.88	0.21
Travel Dist (mi)	9.3	144.2	160.7	29.6	4.2	2.6	350.5
Travel Time (hr)	0.7	6.4	6.9	1.3	1.7	0.4	17.5
Avg Speed (mph)	13	22	23	23	2	6	20
Fuel Used (gal)	0.4	6.0	5.6	0.9	0.5	0.1	13.5
Fuel Eff. (mpg)	23.2	23.8	29.0	31.8	8.6	19.6	25.9
HC Emissions (g)	2	75	58	5	1	0	140
CO Emissions (g)	98	2095	1547	245	46	15	4046
NOx Emissions (g)	9	270	195	20	5	2	500
Vehicles Entered	68	1064	1072	198	130	78	2610
Vehicles Exited	68	1065	1072	198	132	78	2613
Hourly Exit Rate	68	1065	1072	198	132	78	2613
Input Volume	70	1121	1078	190	130	80	2669
% of Volume	97	95	99	104	102	97	98

8: Scribner Avenue & US Route 1 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	0.1	0.0	0.0	0.2	0.2	0.1
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.0	3.8	0.2	0.2	7.8	4.2	3.6
Total Delay (hr)	1.4	2.6	1.2	3.1	7.0	0.6	1.3	0.7	0.6	1.9	6.6	2.5
Total Del/Veh (s)	48.2	14.1	6.4	57.6	21.9	22.2	50.9	50.6	23.7	81.0	126.8	110.5
Stop Delay (hr)	1.3	2.1	0.0	2.9	4.9	0.4	1.2	0.7	0.5	1.7	6.1	2.4
Stop Del/Veh (s)	45.0	11.0	0.1	52.9	15.2	15.9	47.3	45.3	21.5	74.0	117.9	104.3
Total Stops	100	241	4	199	556	51	88	49	83	103	215	94
Stop/Veh	0.93	0.36	0.01	1.02	0.48	0.57	0.98	0.94	0.97	1.24	1.16	1.15
Travel Dist (mi)	9.1	56.5	42.6	28.3	164.6	13.1	8.4	4.9	8.2	9.6	21.2	9.4
Travel Time (hr)	1.8	4.6	2.8	4.3	13.1	1.1	1.7	0.9	0.9	2.4	7.5	3.0
Avg Speed (mph)	5	12	15	7	13	12	5	5	9	4	3	3
Fuel Used (gal)	0.6	2.8	1.3	1.8	7.7	0.6	0.6	0.3	0.4	0.8	2.2	0.9
Fuel Eff. (mpg)	14.2	20.4	32.6	16.0	21.3	22.6	13.3	15.0	20.0	11.6	9.5	10.3
HC Emissions (g)	2	25	13	6	55	9	2	1	2	2	26	1
CO Emissions (g)	107	788	357	360	1934	204	146	74	113	158	588	115
NOx Emissions (g)	9	94	42	29	221	25	10	5	8	12	54	8
Vehicles Entered	105	672	649	191	1146	89	87	51	85	81	179	80
Vehicles Exited	106	672	648	191	1148	90	88	50	85	82	178	78
Hourly Exit Rate	106	672	648	191	1148	90	88	50	85	82	178	78
Input Volume	110	692	670	190	1144	90	90	50	80	80	180	80
% of Volume	96	97	97	100	100	100	98	100	106	103	99	98

8: Scribner Avenue & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.6
Denied Del/Veh (s)	0.6
Total Delay (hr)	29.5
Total Del/Veh (s)	30.7
Stop Delay (hr)	24.1
Stop Del/Veh (s)	25.1
Total Stops	1783
Stop/Veh	0.52
Travel Dist (mi)	376.1
Travel Time (hr)	44.0
Avg Speed (mph)	9
Fuel Used (gal)	20.1
Fuel Eff. (mpg)	18.7
HC Emissions (g)	144
CO Emissions (g)	4945
NOx Emissions (g)	518
Vehicles Entered	3415
Vehicles Exited	3416
Hourly Exit Rate	3416
Input Volume	3456
% of Volume	99

9: I-95 Ramps/Global Gas Driveway & US Route 1 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	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	2.7	0.3	0.3	0.2	0.2	0.2	0.1	0.1	0.2
Total Delay (hr)	0.1	4.2	0.6	1.5	2.3	0.1	6.6	0.2	0.8	0.2	0.2	0.8
Total Del/Veh (s)	34.0	21.0	18.5	26.5	11.8	7.5	35.6	27.1	12.6	48.4	43.2	49.4
Stop Delay (hr)	0.1	2.7	0.4	1.3	1.6	0.1	5.6	0.1	0.7	0.2	0.2	0.8
Stop Del/Veh (s)	28.9	13.7	12.1	23.2	8.1	5.6	30.4	22.8	10.8	47.1	40.7	48.9
Total Stops	9	478	79	186	292	20	548	13	167	13	13	54
Stop/Veh	1.12	0.66	0.70	0.89	0.42	0.39	0.82	0.62	0.72	0.93	0.87	0.93
Travel Dist (mi)	1.1	103.4	16.3	32.1	108.4	7.9	66.5	2.1	23.2	0.3	0.3	1.3
Travel Time (hr)	0.1	7.8	1.2	2.9	6.0	0.4	9.1	0.2	1.8	0.2	0.2	0.9
Avg Speed (mph)	10	13	13	12	18	19	7	9	13	2	2	2
Fuel Used (gal)	0.1	4.5	0.7	1.3	4.0	0.2	3.8	0.1	0.9	0.1	0.1	0.2
Fuel Eff. (mpg)	20.5	22.9	24.6	24.7	27.4	31.7	17.5	21.5	25.9	6.1	6.4	5.7
HC Emissions (g)	0	34	5	5	39	4	14	0	11	0	0	0
CO Emissions (g)	11	1173	168	246	1178	93	877	25	369	3	4	16
NOx Emissions (g)	1	131	19	19	123	11	64	2	32	0	0	1
Vehicles Entered	8	709	112	206	699	51	656	21	229	14	14	57
Vehicles Exited	8	714	111	206	698	51	659	21	228	14	15	57
Hourly Exit Rate	8	714	111	206	698	51	659	21	228	14	15	57
Input Volume	8	722	110	210	700	49	660	20	230	14	15	53
% of Volume	97	99	101	98	100	105	100	106	99	102	100	108

9: I-95 Ramps/Global Gas Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.4
Total Delay (hr)	17.5
Total Del/Veh (s)	22.5
Stop Delay (hr)	13.8
Stop Del/Veh (s)	17.7
Total Stops	1872
Stop/Veh	0.67
Travel Dist (mi)	363.0
Travel Time (hr)	30.9
Avg Speed (mph)	12
Fuel Used (gal)	15.9
Fuel Eff. (mpg)	22.9
HC Emissions (g)	112
CO Emissions (g)	4163
NOx Emissions (g)	405
Vehicles Entered	2776
Vehicles Exited	2782
Hourly Exit Rate	2782
Input Volume	2790
% of Volume	100

101: Costco Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.3	20.4	5.6	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	81.3	72.4	72.8	0.0	0.0	0.0	3.9	0.2	0.1	0.2	0.1	0.2
Total Delay (hr)	0.2	12.0	4.0	0.3	2.9	0.0	0.8	0.1	0.3	0.7	0.1	0.0
Total Del/Veh (s)	52.9	43.7	54.3	38.1	9.7	9.5	33.6	31.2	14.9	35.3	31.3	7.2
Stop Delay (hr)	0.2	9.2	3.3	0.3	1.7	0.0	0.7	0.1	0.3	0.7	0.1	0.0
Stop Del/Veh (s)	47.2	33.5	45.2	35.7	5.6	6.1	31.5	28.0	14.9	33.7	28.7	7.5
Total Stops	17	821	205	28	422	8	71	8	62	63	8	13
Stop/Veh	1.31	0.83	0.77	0.93	0.39	0.53	0.88	0.80	0.87	0.88	0.80	0.87
Travel Dist (mi)	1.3	96.0	25.7	3.4	123.1	1.8	3.5	0.4	3.2	1.8	0.3	0.4
Travel Time (hr)	0.6	35.6	10.7	0.5	7.3	0.1	1.0	0.1	0.5	0.8	0.1	0.1
Avg Speed (mph)	5	6	5	7	17	15	4	4	7	2	3	7
Fuel Used (gal)	0.2	11.2	3.0	0.2	6.1	0.1	0.3	0.0	0.1	0.2	0.0	0.0
Fuel Eff. (mpg)	7.7	8.6	8.5	17.1	20.2	22.7	10.9	14.1	21.0	7.9	9.6	23.4
HC Emissions (g)	0	57	15	1	60	0	2	0	1	1	0	0
CO Emissions (g)	23	1923	407	59	2304	21	72	5	33	25	4	2
NOx Emissions (g)	2	166	35	5	235	2	7	0	3	3	0	0
Vehicles Entered	13	972	262	30	1077	15	80	10	70	71	10	15
Vehicles Exited	13	970	261	29	1077	15	80	10	70	71	10	15
Hourly Exit Rate	13	970	261	29	1077	15	80	10	70	71	10	15
Input Volume	15	1000	285	30	1094	15	80	10	70	70	10	15
% of Volume	85	97	91	97	98	98	100	98	100	101	98	98

101: Costco Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	26.4
Denied Del/Veh (s)	35.5
Total Delay (hr)	21.4
Total Del/Veh (s)	29.0
Stop Delay (hr)	16.5
Stop Del/Veh (s)	22.5
Total Stops	1726
Stop/Veh	0.65
Travel Dist (mi)	260.7
Travel Time (hr)	57.2
Avg Speed (mph)	8
Fuel Used (gal)	21.5
Fuel Eff. (mpg)	12.1
HC Emissions (g)	139
CO Emissions (g)	4878
NOx Emissions (g)	458
Vehicles Entered	2625
Vehicles Exited	2621
Hourly Exit Rate	2621
Input Volume	2696
% of Volume	97

102: Pure Hockey Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBT	NBL	NBR	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	10.6	37.8	0.2	48.5
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	791.7	790.2	17.1	76.3
Total Delay (hr)	0.1	1.3	0.1	1.6	1.7	4.1	1.0	10.0
Total Del/Veh (s)	17.8	4.8	4.0	6.1	223.5	148.2	78.2	16.3
Stop Delay (hr)	0.1	0.1	0.0	0.9	1.8	4.2	1.0	8.1
Stop Del/Veh (s)	15.3	0.2	0.3	3.4	226.9	152.9	79.0	13.2
Total Stops	18	38	3	132	1	3	38	233
Stop/Veh	0.69	0.04	0.05	0.14	0.04	0.03	0.83	0.11
Travel Dist (mi)	2.1	81.9	4.6	43.5	0.6	2.1	0.8	135.5
Travel Time (hr)	0.2	4.3	0.3	3.2	12.3	42.0	1.3	63.5
Avg Speed (mph)	10	19	17	14	0	1	1	9
Fuel Used (gal)	0.1	4.1	0.2	2.4	2.8	9.7	0.3	19.7
Fuel Eff. (mpg)	18.7	19.9	22.1	17.8	0.2	0.2	2.5	6.9
HC Emissions (g)	1	47	1	23	0	0	0	71
CO Emissions (g)	33	1515	48	844	137	467	17	3060
NOx Emissions (g)	3	185	6	94	1	2	1	291
Vehicles Entered	25	985	55	959	26	95	45	2190
Vehicles Exited	26	985	55	958	26	94	44	2188
Hourly Exit Rate	26	985	55	958	26	94	44	2188
Input Volume	25	1006	60	969	45	170	45	2321
% of Volume	104	98	91	99	58	55	98	94

103: US Route 1 & Home Depot Driveway Performance by movement

Movement	EBT	EBR	WBT	WBR	SER	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	0.2	0.0
Total Delay (hr)	0.8	0.3	0.5	0.0	0.3	1.9
Total Del/Veh (s)	2.8	3.8	2.1	1.0	15.8	3.0
Stop Delay (hr)	0.2	0.1	0.1	0.0	0.3	0.6
Stop Del/Veh (s)	0.7	0.9	0.2	0.1	13.3	0.9
Total Stops	48	17	9	0	76	150
Stop/Veh	0.05	0.07	0.01	0.00	0.99	0.07
Travel Dist (mi)	70.0	18.0	54.7	3.2	1.8	147.6
Travel Time (hr)	3.3	0.9	2.5	0.1	0.4	7.2
Avg Speed (mph)	21	20	22	24	4	20
Fuel Used (gal)	3.0	0.9	2.8	0.2	0.1	7.0
Fuel Eff. (mpg)	23.0	20.8	19.3	17.5	15.6	21.0
HC Emissions (g)	44	10	32	3	1	90
CO Emissions (g)	1420	352	1141	117	16	3046
NOx Emissions (g)	152	39	130	10	2	333
Vehicles Entered	956	244	940	54	76	2270
Vehicles Exited	956	244	940	54	76	2270
Hourly Exit Rate	956	244	940	54	76	2270
Input Volume	1021	260	949	53	73	2356
% of Volume	94	94	99	102	104	96

104: Twin Towers Office Driveway & US Route 1 Performance by movement

Movement	EBT	EBR	WBT	NBL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.6	0.0
Total Delay (hr)	4.0	0.0	1.0	0.3	5.4
Total Del/Veh (s)	12.5	9.3	3.1	30.1	8.1
Stop Delay (hr)	1.5	0.0	0.2	0.3	2.0
Stop Del/Veh (s)	4.7	1.4	0.6	28.0	3.0
Total Stops	372	2	79	34	487
Stop/Veh	0.32	0.12	0.07	0.89	0.20
Travel Dist (mi)	185.3	2.7	91.2	2.0	281.2
Travel Time (hr)	10.6	0.1	4.2	0.4	15.3
Avg Speed (mph)	18	18	22	5	18
Fuel Used (gal)	8.7	0.1	4.5	0.1	13.5
Fuel Eff. (mpg)	21.2	23.4	20.1	16.8	20.8
HC Emissions (g)	103	1	56	1	160
CO Emissions (g)	3114	28	1824	24	4989
NOx Emissions (g)	379	3	213	2	598
Vehicles Entered	1143	16	1174	37	2370
Vehicles Exited	1143	16	1175	38	2372
Hourly Exit Rate	1143	16	1175	38	2372
Input Volume	1206	17	1180	40	2443
% of Volume	95	93	100	95	97

105: US Route 1 & Kohl's Driveway Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.4
Denied Del/Veh (s)	0.0	0.0	0.1	0.9	3.1	0.1	0.1	0.2	0.5
Total Delay (hr)	0.4	1.9	0.3	7.3	0.5	0.0	0.6	0.7	11.8
Total Del/Veh (s)	36.9	6.3	27.5	23.4	17.4	8.3	28.3	30.3	16.5
Stop Delay (hr)	0.4	1.0	0.3	4.3	0.2	0.0	0.5	0.7	7.5
Stop Del/Veh (s)	34.7	3.2	23.2	13.8	8.8	8.3	26.7	29.6	10.4
Total Stops	34	326	38	834	63	6	58	74	1433
Stop/Veh	0.92	0.30	0.90	0.74	0.64	0.86	0.79	0.83	0.56
Travel Dist (mi)	2.9	87.5	4.2	111.1	9.9	0.2	1.9	2.3	219.9
Travel Time (hr)	0.5	4.9	0.5	11.5	1.0	0.0	0.7	0.9	19.9
Avg Speed (mph)	6	18	9	10	11	6	3	3	11
Fuel Used (gal)	0.2	3.6	0.2	6.4	0.5	0.0	0.2	0.2	11.4
Fuel Eff. (mpg)	18.8	24.1	17.8	17.3	20.1	23.8	9.7	9.3	19.3
HC Emissions (g)	0	42	2	52	5	0	1	1	103
CO Emissions (g)	20	1374	79	1657	140	0	25	34	3330
NOx Emissions (g)	2	145	8	201	17	0	2	3	378
Vehicles Entered	37	1099	41	1119	99	7	73	88	2563
Vehicles Exited	36	1098	41	1118	98	7	73	88	2559
Hourly Exit Rate	36	1098	41	1118	98	7	73	88	2559
Input Volume	40	1158	42	1131	98	7	80	85	2642
% of Volume	90	95	97	99	100	97	91	103	97

106: Stop & Shop Driveway/Best Buy Driveway & US Route 1 Performance by movement

Movement	EBT	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.2
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	4.3	2.2	3.0	0.3
Total Delay (hr)	3.6	1.3	1.3	0.3	0.1	0.7	2.0	0.2	0.8	10.4
Total Del/Veh (s)	10.8	52.6	4.0	43.5	33.3	25.3	62.5	67.3	39.4	13.3
Stop Delay (hr)	2.3	1.2	0.3	0.3	0.1	0.7	1.9	0.2	0.8	7.9
Stop Del/Veh (s)	6.9	48.9	1.0	41.8	30.5	24.4	60.7	64.3	38.7	10.1
Total Stops	418	87	95	24	9	73	92	7	60	865
Stop/Veh	0.35	0.95	0.08	0.86	0.75	0.69	0.81	0.78	0.81	0.31
Travel Dist (mi)	181.1	8.1	106.3	0.8	0.4	3.2	3.0	0.2	1.9	305.0
Travel Time (hr)	9.8	1.7	5.0	0.4	0.1	0.9	2.3	0.2	1.0	21.3
Avg Speed (mph)	18	5	21	2	3	3	1	1	2	14
Fuel Used (gal)	6.7	0.6	5.2	0.1	0.0	0.3	0.6	0.1	0.3	13.8
Fuel Eff. (mpg)	27.2	13.1	20.6	8.5	9.8	11.8	4.9	4.9	7.4	22.2
HC Emissions (g)	71	4	54	0	0	2	2	0	1	134
CO Emissions (g)	1878	138	1757	10	5	47	62	4	31	3933
NOx Emissions (g)	234	14	220	1	0	5	6	0	3	484
Vehicles Entered	1196	90	1171	27	12	103	110	9	73	2791
Vehicles Exited	1196	90	1172	28	12	104	112	9	73	2796
Hourly Exit Rate	1196	90	1172	28	12	104	112	9	73	2796
Input Volume	1248	88	1170	30	10	100	110	10	73	2840
% of Volume	96	103	100	93	117	104	102	88	100	98

Total Network Performance

Denied Delay (hr)	82.3
Denied Del/Veh (s)	39.2
Total Delay (hr)	202.2
Total Del/Veh (s)	94.1
Stop Delay (hr)	154.1
Stop Del/Veh (s)	71.7
Total Stops	16482
Stop/Veh	2.13
Travel Dist (mi)	4103.6
Travel Time (hr)	434.1
Avg Speed (mph)	12
Fuel Used (gal)	226.7
Fuel Eff. (mpg)	18.1
HC Emissions (g)	1975
CO Emissions (g)	66614
NOx Emissions (g)	7020
Vehicles Entered	7399
Vehicles Exited	7393
Hourly Exit Rate	7393
Input Volume	42629
% of Volume	17

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Richards Ave	3	40.4	54.2	0.1	8	6	54.0
Total		40.4	54.2	0.1	8	6	54.0

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Richards Ave	9	30.8	8	36.0	9	34.7	9
Total	9	30.8	8	36.0	9	34.7	9

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Richards Ave	32.0	7	49.3	8	39.1	7	43.9
Total	32.0	7	49.3	8	39.1	7	43.9

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Richards Ave	8	40.9	7	43.3
Total	8	40.9	7	43.3

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
	101	10.9	24.8	0.1	17	17	10.2
Total		10.9	24.8	0.1	17	17	10.2

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
	17	10.4	17	10.7	16	11.3	17
Total	17	10.4	17	10.7	16	11.3	17

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
	10.8	16	12.3	16	11.7	17	10.8
Total	10.8	16	12.3	16	11.7	17	10.8

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
	17	10.5	17	10.7
Total	17	10.5	17	10.7

Arterial Level of Service: EB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Pure Hockey Driveway	102	5.6	15.6	0.1	18	18	5.9
Liquidators Driveway	4	5.7	12.0	0.1	17	16	6.1
	103	3.0	11.8	0.1	22	23	2.7
Keeler Ave	5	18.5	24.4	0.1	8	8	18.9
Twin Towers Office D	104	13.2	32.6	0.2	18	17	14.7
	105	6.3	15.9	0.1	18	17	6.9
Rampart Road	6	14.2	26.2	0.1	14	15	12.5
Shop Rite Driveway	7	5.3	21.6	0.1	23	23	5.0
Stop & Shop Driveway	106	11.0	29.2	0.2	19	19	10.2
Scribner Avenue	8	13.3	23.4	0.1	14	15	11.9
I-95 Ramps	9	20.3	37.7	0.1	14	13	22.2
Total		116.3	250.7	1.1	16	16	117.0

Arterial Level of Service: EB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Pure Hockey Driveway	18	6.0	18	5.6	19	5.2	18
Liquidators Driveway	17	5.6	16	6.4	18	5.1	16
	21	3.4	20	4.4	23	2.7	22
Keeler Ave	8	19.1	7	20.5	8	17.2	8
Twin Towers Office D	16	16.1	18	13.6	17	14.5	18
	19	5.5	17	7.1	18	6.6	18
Rampart Road	13	17.0	13	15.9	14	14.3	14
Shop Rite Driveway	24	4.5	22	5.8	23	5.3	22
Stop & Shop Driveway	19	10.7	18	13.2	18	11.4	19
Scribner Avenue	13	15.9	14	13.6	16	11.0	14
I-95 Ramps	14	20.9	14	21.3	14	19.4	13
Total	16	124.8	16	127.4	16	112.6	16

Arterial Level of Service: EB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Pure Hockey Driveway	5.6	19	5.2	19	5.4	18	5.9
Liquidators Driveway	6.4	19	4.3	16	6.5	16	5.8
	3.0	24	1.9	23	2.7	22	3.2
Keeler Ave	18.2	9	16.5	8	17.7	8	19.7
Twin Towers Office D	13.1	19	10.5	18	13.1	17	13.7
	6.0	18	6.2	18	6.0	18	6.3
Rampart Road	14.2	15	12.5	14	14.5	14	13.8
Shop Rite Driveway	6.2	22	5.9	23	4.8	23	5.2
Stop & Shop Driveway	10.3	19	11.3	19	10.1	19	10.4
Scribner Avenue	13.5	14	12.7	14	12.6	14	13.7
I-95 Ramps	24.3	14	19.6	14	19.3	14	19.0
Total	120.7	17	106.6	16	112.7	16	116.7

Arterial Level of Service: EB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Pure Hockey Driveway	18	5.5	19	5.4
Liquidators Driveway	17	5.6	17	5.4
	23	2.4	22	3.1
Keeler Ave	8	18.7	8	18.1
Twin Towers Office D	19	11.1	19	11.4
	18	6.3	18	6.4
Rampart Road	14	13.9	15	12.6
Shop Rite Driveway	23	5.5	24	4.3
Stop & Shop Driveway	18	11.6	19	10.8
Scribner Avenue	15	12.6	13	14.8
I-95 Ramps	14	19.6	15	17.3
Total	17	112.7	17	109.6

Arterial Level of Service: WB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Global Gas Driveway	9	11.8	30.8	0.2	20	19	12.5
Scribner Avenue	8	32.9	50.2	0.1	10	10	33.7
Best Buy Driveway	106	3.2	14.1	0.1	23	23	3.1
Shop Rite Driveway	7	4.4	22.5	0.2	24	25	4.2
Driveway	6	27.6	44.1	0.1	11	13	23.1
Kohl's Driveway	105	23.5	36.4	0.1	10	11	21.7
Twin Towers Office D	104	3.0	12.5	0.1	23	23	3.0
	5	17.3	35.9	0.2	16	17	15.5
Home Depot Driveway	103	2.2	9.4	0.1	21	21	1.9
Walmart Driveway	4	14.3	23.0	0.1	11	13	11.7
Walmart Driveway	102	6.0	11.5	0.1	17	22	3.5
	3	37.4	47.3	0.1	6	7	33.7
Total		183.6	337.6	1.3	14	15	167.8

Arterial Level of Service: WB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Global Gas Driveway	20	11.4	20	11.6	20	11.7	19
Scribner Avenue	10	35.5	10	35.8	11	31.2	10
Best Buy Driveway	23	3.4	23	3.4	24	2.9	23
Shop Rite Driveway	24	4.8	24	4.5	25	3.8	23
Driveway	11	30.5	10	32.0	14	19.5	10
Kohl's Driveway	11	22.9	10	24.7	12	19.2	10
Twin Towers Office D	23	3.0	24	2.6	22	3.5	22
	16	18.4	15	19.1	16	18.6	16
Home Depot Driveway	21	2.1	21	2.3	21	2.1	21
Walmart Driveway	12	13.9	12	12.5	12	12.7	11
Walmart Driveway	20	4.7	23	3.2	16	7.1	17
	7	32.2	7	32.3	6	38.8	6
Total	14	182.7	14	183.8	14	171.2	13

Arterial Level of Service: WB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Global Gas Driveway	13.0	20	11.7	20	11.6	20	11.1
Scribner Avenue	33.9	11	30.7	12	28.6	10	33.9
Best Buy Driveway	3.4	24	3.0	24	3.1	23	3.2
Shop Rite Driveway	5.4	25	3.7	24	4.9	24	4.4
Driveway	34.0	15	16.4	9	37.9	10	34.7
Kohl's Driveway	26.8	12	19.3	10	26.7	10	26.3
Twin Towers Office D	3.3	24	2.6	23	3.0	23	2.9
	18.1	17	14.7	16	17.3	16	16.8
Home Depot Driveway	2.1	22	1.8	21	2.1	20	2.5
Walmart Driveway	14.3	14	10.5	11	15.0	10	16.4
Walmart Driveway	6.4	20	4.7	16	7.3	15	7.5
	37.3	6	37.8	5	42.8	6	42.1
Total	198.3	15	157.0	13	200.3	13	201.9

Arterial Level of Service: WB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Global Gas Driveway	19	12.3	20	10.9
Scribner Avenue	11	30.6	10	34.4
Best Buy Driveway	23	3.0	24	3.1
Shop Rite Driveway	25	3.9	24	4.4
Driveway	13	20.8	12	26.1
Kohl's Driveway	11	21.4	10	25.2
Twin Towers Office D	23	3.2	22	3.3
	16	17.4	16	17.3
Home Depot Driveway	18	3.4	21	2.1
Walmart Driveway	9	21.8	11	14.3
Walmart Driveway	13	10.2	19	5.2
	6	40.7	6	36.0
Total	14	188.7	14	182.2

Intersection: 3: Richards Ave & Connecticut Avenue/US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	T	R
Maximum Queue (ft)	321	493	526	252	340	360	100	200	244	184	233	185
Average Queue (ft)	82	274	382	56	244	303	63	86	100	124	115	35
95th Queue (ft)	205	537	572	175	379	386	132	163	194	214	261	127
Link Distance (ft)	488	488	488		308	308			263		209	
Upstream Blk Time (%)	0	0	5		3	18			0		18	
Queuing Penalty (veh)	0	1	18		18	95			0		0	
Storage Bay Dist (ft)				210			75	163		135		135
Storage Blk Time (%)				0	11	52	1	2	2	37	1	0
Queuing Penalty (veh)				0	10	57	2	4	4	95	3	0

Intersection: 4: Liquidators Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	88	171	208	107	295	318	56	96	195	94
Average Queue (ft)	33	64	94	30	117	181	14	41	102	32
95th Queue (ft)	69	145	175	72	248	296	43	77	172	76
Link Distance (ft)	159	159	159		317	317		214	203	203
Upstream Blk Time (%)		0	1		0	1			1	
Queuing Penalty (veh)		1	4		1	6			0	
Storage Bay Dist (ft)				50			150			
Storage Blk Time (%)				5	16			0		
Queuing Penalty (veh)				23	5			0		

Intersection: 5: Keeler Ave & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	L	TR
Maximum Queue (ft)	86	203	226	210	197	295	157	385	175	146	182	160
Average Queue (ft)	37	130	166	89	91	141	50	173	138	28	93	57
95th Queue (ft)	75	207	226	186	162	227	107	443	213	103	160	130
Link Distance (ft)	184	184	184	728	728	728		433				439
Upstream Blk Time (%)		1	6					10				
Queuing Penalty (veh)		3	21					0				
Storage Bay Dist (ft)							210		150	190	190	
Storage Blk Time (%)						1		0	38	0	0	0
Queuing Penalty (veh)						2		1	23	0	0	0

Intersection: 6: Rampart Road/Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	TR
Maximum Queue (ft)	69	305	366	236	570	604	316	146	130	92	94
Average Queue (ft)	27	123	162	74	212	306	63	79	51	29	34
95th Queue (ft)	60	242	294	172	491	560	259	129	99	75	70
Link Distance (ft)		468	468		654	654			330	190	190
Upstream Blk Time (%)					0	0					
Queuing Penalty (veh)					0	2					
Storage Bay Dist (ft)	200			200			230	120			
Storage Blk Time (%)		1			4	25		3	0		
Queuing Penalty (veh)		0			3	12		3	0		

Intersection: 7: US Route 1 & Shop Rite Driveway

Movement	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	T	R	L	L	R
Maximum Queue (ft)	92	150	193	127	178	53	113	108	86
Average Queue (ft)	40	41	73	40	81	16	47	45	30
95th Queue (ft)	77	116	168	101	156	46	95	89	64
Link Distance (ft)		654	654	728	728		162	162	162
Upstream Blk Time (%)								0	
Queuing Penalty (veh)								0	
Storage Bay Dist (ft)	315					460			
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 8: Scribner Avenue & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	T	L	T	TR	L	TR	L	TR
Maximum Queue (ft)	142	174	190	244	384	437	128	186	244	598
Average Queue (ft)	66	78	98	138	192	215	63	75	125	337
95th Queue (ft)	123	143	163	230	318	349	120	153	289	651
Link Distance (ft)		374	374		675	675		501		629
Upstream Blk Time (%)										9
Queuing Penalty (veh)										0
Storage Bay Dist (ft)	230			540			90		144	
Storage Blk Time (%)		0			0		9	9	1	57
Queuing Penalty (veh)		0			0		11	8	2	46

Intersection: 9: I-95 Ramps/Global Gas Driveway & US Route 1

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	TR	L	T	TR	L	L	TR	LT	R
Maximum Queue (ft)	327	333	180	206	205	316	288	203	70	108
Average Queue (ft)	166	192	87	109	96	206	172	83	23	45
95th Queue (ft)	284	312	148	186	173	292	262	156	57	89
Link Distance (ft)	675	675		814	814	532	532	532	117	117
Upstream Blk Time (%)										0
Queuing Penalty (veh)										0
Storage Bay Dist (ft)			550							
Storage Blk Time (%)										
Queuing Penalty (veh)										

Intersection: 101: Costco Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	R	L	TR
Maximum Queue (ft)	87	560	570	80	203	219	92	75	62	108	54
Average Queue (ft)	9	435	480	23	114	138	46	14	16	42	11
95th Queue (ft)	44	713	674	59	186	202	85	46	43	86	34
Link Distance (ft)		516	516	488	488	488		220	220	121	121
Upstream Blk Time (%)		36	54					0		0	
Queuing Penalty (veh)		0	0					0		0	
Storage Bay Dist (ft)	65						70				
Storage Blk Time (%)		6					7	0			
Queuing Penalty (veh)		1					3	0			

Intersection: 102: Pure Hockey Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	LTR	R
Maximum Queue (ft)	49	43	237	173	183	132	96
Average Queue (ft)	13	2	15	28	55	129	44
95th Queue (ft)	38	34	112	120	162	138	93
Link Distance (ft)		308	308	159	159	117	89
Upstream Blk Time (%)		0	0	1	5	97	12
Queuing Penalty (veh)		0	1	4	24	0	0
Storage Bay Dist (ft)	50						
Storage Blk Time (%)	1	0					
Queuing Penalty (veh)	7	0					

Intersection: 103: US Route 1 & Home Depot Driveway

Movement	EB	EB	WB	WB	SE
Directions Served	T	TR	T	T	R
Maximum Queue (ft)	138	238	17	41	75
Average Queue (ft)	9	39	1	4	29
95th Queue (ft)	69	153	16	35	59
Link Distance (ft)	317	317	184	184	111
Upstream Blk Time (%)		0			0
Queuing Penalty (veh)		1			0
Storage Bay Dist (ft)					
Storage Blk Time (%)	0				
Queuing Penalty (veh)	0				

Intersection: 104: Twin Towers Office Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	NB	NB
Directions Served	T	T	R	T	T	L	LR
Maximum Queue (ft)	408	450	175	132	202	33	84
Average Queue (ft)	85	191	12	16	51	4	27
95th Queue (ft)	301	421	102	71	144	21	62
Link Distance (ft)	728	728		344	344		280
Upstream Blk Time (%)					0		
Queuing Penalty (veh)					0		
Storage Bay Dist (ft)			175			75	
Storage Blk Time (%)		10					1
Queuing Penalty (veh)		2					0

Intersection: 105: US Route 1 & Kohl's Driveway

Movement	EB	EB	EB	WB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	T	L	T	T	R	R	L	R
Maximum Queue (ft)	81	188	218	141	493	498	205	32	103	130
Average Queue (ft)	30	89	118	32	176	341	85	5	46	56
95th Queue (ft)	67	153	189	86	476	552	241	25	89	106
Link Distance (ft)	344	344	344		468	468		118	134	134
Upstream Blk Time (%)					0	3				1
Queuing Penalty (veh)					3	18				0
Storage Bay Dist (ft)				165			90			
Storage Blk Time (%)					1	30	0			
Queuing Penalty (veh)					0	29	0			

Intersection: 106: Stop & Shop Driveway/Best Buy Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	T	T	T	L	T	T	LT	R	LT	R
Maximum Queue (ft)	179	221	288	139	80	99	89	127	158	124
Average Queue (ft)	72	87	125	64	23	35	31	58	97	53
95th Queue (ft)	147	180	249	117	60	78	69	113	161	104
Link Distance (ft)	728	728			374	374	163	163	140	140
Upstream Blk Time (%)								0	9	0
Queuing Penalty (veh)								0	0	0
Storage Bay Dist (ft)			300	210						
Storage Blk Time (%)			0							
Queuing Penalty (veh)			1							

Network Summary

Network wide Queuing Penalty: 580

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	4:45	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	6:00
Total Time (min)	75	75	75	75	75	75	75
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4	4	4	4
Vehs Entered	8024	8066	7929	8082	8074	7963	8012
Vehs Exited	8070	8029	7921	8028	8059	7947	7888
Starting Vehs	419	391	403	381	422	401	360
Ending Vehs	373	428	411	435	437	417	484
Denied Entry Before	90	98	66	93	53	60	31
Travel Distance (mi)	4192	4118	4059	4248	4164	4132	4116
Travel Time (hr)	740.5	810.4	788.6	735.3	599.5	687.7	733.2
Total Delay (hr)	586.9	659.1	639.3	579.8	447.2	536.4	582.1
Total Stops	19564	18872	18929	19310	19153	18421	19883
Fuel Used (gal)	301.8	313.3	307.5	301.2	267.9	287.8	297.4

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	4:45	4:45	4:45	4:45
End Time	6:00	6:00	6:00	6:00
Total Time (min)	75	75	75	75
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4
Vehs Entered	8148	7750	7895	7992
Vehs Exited	8178	7746	7862	7969
Starting Vehs	424	405	404	397
Ending Vehs	394	409	437	418
Denied Entry Before	43	74	48	64
Travel Distance (mi)	4201	3992	4066	4129
Travel Time (hr)	664.9	843.6	721.0	732.5
Total Delay (hr)	510.9	696.9	571.9	581.0
Total Stops	18866	17695	18782	18944
Fuel Used (gal)	283.5	318.8	292.6	297.2

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	5:15
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	1	10	2	3	4	5	6
Vehs Entered	1955	1866	1908	1919	1933	1911	1942
Vehs Exited	1970	1900	1934	1940	2006	1953	1920
Starting Vehs	419	391	403	381	422	401	360
Ending Vehs	404	357	377	360	349	359	382
Denied Entry Before	90	98	66	93	53	60	31
Travel Distance (mi)	1029	990	1011	1032	1025	1050	1008
Travel Time (hr)	131.0	138.3	126.1	125.4	109.6	129.3	114.1
Total Delay (hr)	93.5	102.0	88.9	87.7	72.3	90.8	77.2
Total Stops	4775	4138	4485	4333	4290	4626	4518
Fuel Used (gal)	63.0	62.3	60.8	60.8	57.5	62.6	57.9

Interval #1 Information Recording

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

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	7	8	9	Avg
Vehs Entered	2003	1801	1967	1921
Vehs Exited	2034	1875	1957	1952
Starting Vehs	424	405	404	397
Ending Vehs	393	331	414	358
Denied Entry Before	43	74	48	64
Travel Distance (mi)	1050	952	1017	1016
Travel Time (hr)	122.1	140.5	122.8	125.9
Total Delay (hr)	83.7	105.6	85.6	88.7
Total Stops	4903	3920	4363	4438
Fuel Used (gal)	61.5	62.1	60.0	60.9

Interval #2 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	1	10	2	3	4	5	6
Vehs Entered	1927	1937	1960	1987	1932	2012	1918
Vehs Exited	1901	1907	1941	1934	1919	1954	1910
Starting Vehs	404	357	377	360	349	359	382
Ending Vehs	430	387	396	413	362	417	390
Denied Entry Before	195	247	179	211	99	165	122
Travel Distance (mi)	1017	989	1007	1039	1004	1035	1002
Travel Time (hr)	162.6	164.9	153.7	158.5	123.4	145.6	148.2
Total Delay (hr)	125.3	128.5	116.6	120.4	86.7	107.9	111.4
Total Stops	4628	4235	4646	4596	4441	4571	4383
Fuel Used (gal)	69.1	67.8	66.4	68.5	59.7	65.8	65.4

Interval #2 Information Recording

Start Time	5:15
End Time	5:30
Total Time (min)	15

Volumes adjusted by Growth Factors, Anti PHF.

Run Number	7	8	9	Avg
Vehs Entered	2008	1883	1952	1951
Vehs Exited	1985	1835	1927	1926
Starting Vehs	393	331	414	358
Ending Vehs	416	379	439	395
Denied Entry Before	126	297	133	174
Travel Distance (mi)	1047	970	1016	1013
Travel Time (hr)	144.0	181.0	148.9	153.1
Total Delay (hr)	105.5	145.2	111.6	115.9
Total Stops	4751	4205	4682	4512
Fuel Used (gal)	65.4	71.9	66.0	66.6

Interval #3 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2219	2250	2203	2167	2191	2093	2160
Vehs Exited	2176	2119	2082	2096	2070	2035	2012
Starting Vehs	430	387	396	413	362	417	390
Ending Vehs	473	518	517	484	483	475	538
Denied Entry Before	329	342	282	282	157	202	274
Travel Distance (mi)	1111	1079	1051	1117	1088	1058	1051
Travel Time (hr)	217.7	233.5	231.6	212.1	164.8	191.3	213.0
Total Delay (hr)	176.8	193.7	192.9	171.3	125.0	152.5	174.3
Total Stops	5681	5196	5122	5319	5552	4861	5874
Fuel Used (gal)	84.8	87.2	85.8	83.6	71.9	77.2	81.9

Interval #3 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2206	2135	2107	2169
Vehs Exited	2161	2046	2070	2088
Starting Vehs	416	379	439	395
Ending Vehs	461	468	476	477
Denied Entry Before	174	427	225	268
Travel Distance (mi)	1098	1038	1056	1075
Travel Time (hr)	185.8	242.3	203.1	209.5
Total Delay (hr)	145.7	204.1	164.4	170.1
Total Stops	4990	4876	5402	5291
Fuel Used (gal)	76.8	88.0	79.9	81.7

Interval #4 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	1923	2013	1858	2009	2018	1947	1992
Vehs Exited	2023	2103	1964	2058	2064	2005	2046
Starting Vehs	473	518	517	484	483	475	538
Ending Vehs	373	428	411	435	437	417	484
Denied Entry Before	463	560	602	516	277	447	499
Travel Distance (mi)	1035	1059	989	1062	1047	990	1055
Travel Time (hr)	229.2	273.8	277.2	239.3	201.6	221.5	257.9
Total Delay (hr)	191.3	234.8	240.9	200.5	163.2	185.1	219.1
Total Stops	4480	5303	4676	5062	4870	4363	5108
Fuel Used (gal)	84.9	96.0	94.5	88.3	78.7	82.0	92.3

Interval #4 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	1931	1931	1869	1948
Vehs Exited	1998	1990	1908	2016
Starting Vehs	461	468	476	477
Ending Vehs	394	409	437	418
Denied Entry Before	378	647	441	481
Travel Distance (mi)	1006	1033	977	1025
Travel Time (hr)	213.0	279.8	246.1	243.9
Total Delay (hr)	175.9	241.9	210.4	206.3
Total Stops	4222	4694	4335	4714
Fuel Used (gal)	79.8	96.8	86.7	88.0

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.1	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.0	3.0	3.6	4.8
Denied Del/Veh (s)	2.8	0.7	0.8	0.0	0.0	0.3	4.2	1.5	1.2	87.6	97.8	95.8
Total Delay (hr)	17.2	9.2	1.8	0.7	3.9	0.7	2.1	1.4	0.6	6.3	1.6	0.7
Total Del/Veh (s)	323.4	40.5	37.0	41.4	22.9	17.3	51.5	34.7	24.8	181.3	43.2	13.6
Stop Delay (hr)	17.2	6.9	1.4	0.6	3.0	0.5	2.0	1.2	0.6	6.3	1.4	0.7
Stop Del/Veh (s)	324.6	30.6	28.3	39.6	17.5	12.8	48.2	29.3	22.9	180.8	38.6	13.2
Total Stops	212	773	142	55	468	152	144	130	85	115	137	174
Stop/Veh	1.11	0.95	0.80	0.96	0.77	0.99	0.96	0.90	0.90	0.92	1.05	0.98
Travel Dist (mi)	19.4	88.0	16.4	4.7	48.3	12.1	7.7	7.7	5.1	5.0	5.7	8.1
Travel Time (hr)	18.1	12.5	2.5	0.9	5.6	1.3	2.6	1.7	0.9	9.5	5.4	6.0
Avg Speed (mph)	1	7	7	5	9	9	3	5	6	1	3	7
Fuel Used (gal)	4.6	5.8	1.0	0.3	2.6	0.6	0.9	0.6	0.3	2.3	1.4	1.6
Fuel Eff. (mpg)	4.2	15.1	16.5	16.8	18.5	21.5	8.9	12.7	14.6	2.2	4.0	5.1
HC Emissions (g)	2	56	2	1	14	9	2	3	1	8	4	8
CO Emissions (g)	327	1776	133	42	593	190	132	114	59	236	154	236
NOx Emissions (g)	17	182	16	3	61	25	12	11	5	13	12	19
Vehicles Entered	176	801	174	56	602	152	148	142	93	120	129	177
Vehicles Exited	170	806	175	56	601	153	147	142	94	116	129	177
Hourly Exit Rate	170	806	175	56	601	153	147	142	94	116	129	177
Input Volume	250	1071	240	55	609	150	150	140	90	120	130	180
% of Volume	68	75	73	102	99	102	98	101	105	97	99	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	1

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	12.1
Denied Del/Veh (s)	15.6
Total Delay (hr)	46.1
Total Del/Veh (s)	58.8
Stop Delay (hr)	41.8
Stop Del/Veh (s)	53.3
Total Stops	2587
Stop/Veh	0.92
Travel Dist (mi)	228.3
Travel Time (hr)	66.9
Avg Speed (mph)	4
Fuel Used (gal)	22.1
Fuel Eff. (mpg)	10.3
HC Emissions (g)	108
CO Emissions (g)	3990
NOx Emissions (g)	376
Vehicles Entered	2770
Vehicles Exited	2766
Hourly Exit Rate	2766
Input Volume	3185
% of Volume	87
Denied Entry Before	1

4: Liquidators Driveway/Walmart Driveway & US Route 1 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	4.0	0.1	0.1	0.2	0.1	0.1
Total Delay (hr)	0.4	1.8	0.1	0.1	3.2	0.5	0.1	0.0	0.2	1.5	0.1	0.1
Total Del/Veh (s)	39.9	6.1	4.8	40.8	13.6	13.3	31.3	31.7	12.1	36.0	35.7	7.5
Stop Delay (hr)	0.3	1.0	0.0	0.1	2.0	0.3	0.1	0.0	0.2	1.4	0.1	0.1
Stop Del/Veh (s)	38.1	3.4	3.1	37.8	8.3	8.9	29.0	28.6	11.4	33.1	31.5	7.1
Total Stops	29	273	12	12	440	74	12	4	54	136	6	26
Stop/Veh	0.91	0.26	0.28	1.00	0.52	0.60	0.86	0.80	0.84	0.92	1.00	0.68
Travel Dist (mi)	1.6	53.6	2.2	0.8	59.8	8.8	0.6	0.2	2.6	5.6	0.2	1.5
Travel Time (hr)	0.4	3.7	0.2	0.2	5.2	0.8	0.2	0.1	0.4	1.7	0.1	0.2
Avg Speed (mph)	4	15	13	5	11	10	4	4	7	3	4	9
Fuel Used (gal)	0.1	2.4	0.1	0.1	2.7	0.4	0.1	0.0	0.1	0.6	0.0	0.0
Fuel Eff. (mpg)	14.4	22.1	30.6	15.0	21.8	24.4	10.3	13.6	23.7	10.1	10.6	32.2
HC Emissions (g)	0	17	0	0	24	1	0	0	0	1	0	0
CO Emissions (g)	8	721	11	9	790	54	12	2	15	64	3	6
NOx Emissions (g)	1	72	1	1	87	6	1	0	2	7	0	1
Vehicles Entered	31	1035	43	12	844	123	14	5	63	146	6	38
Vehicles Exited	31	1036	43	12	844	123	14	5	63	146	6	38
Hourly Exit Rate	31	1036	43	12	844	123	14	5	63	146	6	38
Input Volume	40	1265	50	15	830	120	15	5	60	150	5	40
% of Volume	78	82	86	79	102	102	93	105	105	97	114	96
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

4: Liquidators Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.0
Denied Del/Veh (s)	0.1
Total Delay (hr)	8.0
Total Del/Veh (s)	12.1
Stop Delay (hr)	5.6
Stop Del/Veh (s)	8.5
Total Stops	1078
Stop/Veh	0.45
Travel Dist (mi)	137.5
Travel Time (hr)	13.0
Avg Speed (mph)	11
Fuel Used (gal)	6.6
Fuel Eff. (mpg)	20.9
HC Emissions (g)	44
CO Emissions (g)	1694
NOx Emissions (g)	178
Vehicles Entered	2360
Vehicles Exited	2361
Hourly Exit Rate	2361
Input Volume	2596
% of Volume	91
Denied Entry Before	0

5: Keeler Ave & US Route 1 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	0.1	0.2	0.2	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.4	0.0	0.0	0.1	1.0	5.0	4.6	4.4	1.1	1.4
Total Delay (hr)	0.9	5.7	0.4	2.4	2.3	0.3	0.8	2.2	2.5	2.4	2.1	0.8
Total Del/Veh (s)	45.2	22.2	21.0	64.1	12.9	5.3	52.5	86.8	68.4	46.2	49.2	35.5
Stop Delay (hr)	0.9	4.3	0.4	2.3	1.7	0.2	0.8	2.1	2.5	2.2	1.8	0.7
Stop Del/Veh (s)	43.3	16.7	17.4	61.7	9.5	3.0	48.8	81.9	67.3	42.2	43.2	33.3
Total Stops	69	630	52	139	268	83	63	88	129	192	139	70
Stop/Veh	0.95	0.68	0.69	1.01	0.42	0.45	1.12	0.95	0.96	1.04	0.92	0.91
Travel Dist (mi)	3.6	43.9	3.5	20.9	95.9	27.7	4.7	7.9	11.4	15.9	13.3	6.8
Travel Time (hr)	1.1	7.2	0.6	3.2	5.5	1.4	1.0	2.6	3.2	3.2	2.6	1.1
Avg Speed (mph)	3	6	6	6	17	21	5	3	4	5	5	6
Fuel Used (gal)	0.3	2.8	0.2	1.1	3.4	0.8	0.4	0.8	1.1	1.2	0.9	0.4
Fuel Eff. (mpg)	13.0	15.6	16.7	19.3	28.6	34.5	13.2	9.6	10.9	13.1	14.3	16.1
HC Emissions (g)	0	14	0	5	34	4	3	2	2	4	7	1
CO Emissions (g)	19	465	18	132	876	146	96	123	166	263	246	87
NOx Emissions (g)	1	57	2	14	104	14	9	9	12	20	23	7
Vehicles Entered	72	914	74	134	633	184	55	92	133	182	149	76
Vehicles Exited	72	915	75	134	637	185	55	91	132	182	149	76
Hourly Exit Rate	72	915	75	134	637	185	55	91	132	182	149	76
Input Volume	90	1054	90	135	634	180	55	90	130	180	150	75
% of Volume	80	87	83	99	100	103	100	101	102	101	99	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.7
Denied Del/Veh (s)	0.9
Total Delay (hr)	22.9
Total Del/Veh (s)	30.1
Stop Delay (hr)	19.8
Stop Del/Veh (s)	26.1
Total Stops	1922
Stop/Veh	0.70
Travel Dist (mi)	255.6
Travel Time (hr)	32.8
Avg Speed (mph)	8
Fuel Used (gal)	13.3
Fuel Eff. (mpg)	19.2
HC Emissions (g)	77
CO Emissions (g)	2638
NOx Emissions (g)	272
Vehicles Entered	2698
Vehicles Exited	2703
Hourly Exit Rate	2703
Input Volume	2863
% of Volume	94
Denied Entry Before	0

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.7	0.2	0.3	0.1	0.1
Total Delay (hr)	0.2	7.8	1.0	1.3	3.3	0.0	0.0	1.2	0.1	0.5	0.8	0.1
Total Del/Veh (s)	38.6	23.4	25.0	35.9	13.7	4.8	25.4	30.2	27.3	15.9	94.8	22.7
Stop Delay (hr)	0.2	5.2	0.8	1.1	1.9	0.0	0.0	1.1	0.1	0.4	0.8	0.0
Stop Del/Veh (s)	34.2	15.8	18.1	31.8	7.9	1.7	23.7	27.1	23.4	14.4	93.1	19.6
Total Stops	23	752	110	115	372	12	2	122	7	86	29	7
Stop/Veh	1.05	0.63	0.73	0.88	0.43	0.38	0.67	0.85	0.78	0.83	0.97	0.78
Travel Dist (mi)	2.1	118.9	15.0	17.4	115.1	4.3	0.2	8.8	0.5	6.5	1.1	0.3
Travel Time (hr)	0.3	11.8	1.7	2.0	7.3	0.2	0.0	1.7	0.1	0.8	0.8	0.1
Avg Speed (mph)	7	10	9	9	16	20	6	6	6	9	1	5
Fuel Used (gal)	0.1	5.4	0.7	0.9	4.8	0.2	0.0	0.6	0.0	0.3	0.2	0.0
Fuel Eff. (mpg)	17.8	22.0	23.0	19.3	23.8	26.6	14.6	14.3	16.9	20.7	5.1	15.9
HC Emissions (g)	0	39	1	3	40	1	0	2	0	2	0	0
CO Emissions (g)	23	1177	74	182	1367	47	2	118	7	82	15	3
NOx Emissions (g)	2	142	8	16	155	4	0	10	1	7	1	0
Vehicles Entered	21	1183	148	129	857	32	3	141	9	103	30	9
Vehicles Exited	21	1184	148	128	850	31	3	141	9	104	29	9
Hourly Exit Rate	21	1184	148	128	850	31	3	141	9	104	29	9
Input Volume	25	1286	160	125	848	30	4	140	10	100	30	10
% of Volume	85	92	92	102	100	104	71	101	92	104	97	90
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	SBR	All
Denied Delay (hr)	0.0	0.2
Denied Del/Veh (s)	0.1	0.2
Total Delay (hr)	0.1	16.3
Total Del/Veh (s)	10.9	21.6
Stop Delay (hr)	0.1	11.7
Stop Del/Veh (s)	10.7	15.6
Total Stops	25	1662
Stop/Veh	0.83	0.61
Travel Dist (mi)	1.1	291.3
Travel Time (hr)	0.2	26.9
Avg Speed (mph)	7	11
Fuel Used (gal)	0.0	13.3
Fuel Eff. (mpg)	25.3	21.9
HC Emissions (g)	0	89
CO Emissions (g)	5	3105
NOx Emissions (g)	0	347
Vehicles Entered	30	2695
Vehicles Exited	30	2687
Hourly Exit Rate	30	2687
Input Volume	30	2798
% of Volume	100	96
Denied Entry Before	0	0

7: US Route 1 & Shop Rite Driveway Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.2
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	1.2	1.0	0.2
Total Delay (hr)	0.9	2.1	2.0	0.3	4.3	0.5	10.1
Total Del/Veh (s)	19.2	6.8	8.3	4.1	47.0	10.4	12.4
Stop Delay (hr)	0.7	0.6	1.0	0.0	4.0	0.5	6.9
Stop Del/Veh (s)	14.6	1.9	4.3	0.6	44.5	10.3	8.4
Total Stops	137	214	199	43	274	128	995
Stop/Veh	0.79	0.19	0.23	0.16	0.84	0.81	0.34
Travel Dist (mi)	23.5	153.2	127.6	40.2	10.4	5.2	360.0
Travel Time (hr)	1.8	7.4	6.3	1.9	4.8	0.8	23.0
Avg Speed (mph)	13	21	20	21	2	7	16
Fuel Used (gal)	1.1	6.8	4.9	1.3	1.5	0.3	15.8
Fuel Eff. (mpg)	21.9	22.6	26.2	30.2	7.1	19.6	22.8
HC Emissions (g)	5	56	53	6	2	1	123
CO Emissions (g)	248	1882	1408	296	129	34	3998
NOx Emissions (g)	26	240	187	30	14	4	501
Vehicles Entered	172	1128	853	268	325	158	2904
Vehicles Exited	173	1133	859	269	323	158	2915
Hourly Exit Rate	173	1133	859	269	323	158	2915
Input Volume	190	1210	844	270	330	160	3004
% of Volume	91	94	102	100	98	99	97
Denied Entry Before	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 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	0.1	0.0	0.0	0.2	0.0	0.0	1.8	5.1	1.5
Denied Del/Veh (s)	0.0	0.0	0.1	1.1	0.2	0.2	5.9	1.9	2.8	76.5	77.0	73.5
Total Delay (hr)	1.7	4.3	1.5	11.9	15.2	2.4	2.5	1.8	0.8	3.5	13.0	3.6
Total Del/Veh (s)	56.7	19.9	7.6	173.8	50.7	54.2	90.8	70.5	46.6	149.8	191.7	177.3
Stop Delay (hr)	1.5	3.0	0.0	11.5	11.9	2.0	2.4	1.6	0.8	3.3	12.3	3.4
Stop Del/Veh (s)	52.7	14.0	0.1	168.4	39.6	44.1	86.7	64.3	43.6	140.6	181.2	168.8
Total Stops	91	492	5	298	1043	162	111	98	66	125	284	86
Stop/Veh	0.87	0.63	0.01	1.21	0.96	1.01	1.12	1.07	1.05	1.47	1.16	1.18
Travel Dist (mi)	8.9	65.2	46.1	33.8	154.6	23.4	9.4	8.7	6.0	9.9	27.5	8.3
Travel Time (hr)	2.0	6.6	3.2	13.3	20.9	3.4	3.0	2.1	1.1	5.7	19.1	5.4
Avg Speed (mph)	4	10	14	3	7	7	3	4	6	3	2	2
Fuel Used (gal)	0.7	3.2	1.4	4.0	9.1	1.4	1.0	0.7	0.4	1.6	5.1	1.4
Fuel Eff. (mpg)	12.9	20.6	33.1	8.5	17.0	17.3	9.7	12.1	14.6	6.3	5.4	5.8
HC Emissions (g)	2	25	7	5	29	3	4	5	1	14	2	1
CO Emissions (g)	114	781	265	452	1497	178	184	167	84	318	371	109
NOx Emissions (g)	9	95	30	33	164	19	13	14	6	28	20	6
Vehicles Entered	103	780	703	232	1056	159	98	89	62	83	233	71
Vehicles Exited	104	770	698	229	1052	156	97	90	61	82	231	68
Hourly Exit Rate	104	770	698	229	1052	156	97	90	61	82	231	68
Input Volume	110	815	740	240	1044	160	100	90	65	90	240	70
% of Volume	95	94	94	95	101	98	97	100	94	91	96	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	1	0

8: Scribner Avenue & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	8.8
Denied Del/Veh (s)	8.6
Total Delay (hr)	62.3
Total Del/Veh (s)	60.0
Stop Delay (hr)	53.8
Stop Del/Veh (s)	51.9
Total Stops	2861
Stop/Veh	0.77
Travel Dist (mi)	401.7
Travel Time (hr)	85.9
Avg Speed (mph)	5
Fuel Used (gal)	29.9
Fuel Eff. (mpg)	13.4
HC Emissions (g)	97
CO Emissions (g)	4522
NOx Emissions (g)	438
Vehicles Entered	3669
Vehicles Exited	3638
Hourly Exit Rate	3638
Input Volume	3764
% of Volume	97
Denied Entry Before	1

9: I-95 Ramps/Global Gas Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.4
Denied Del/Veh (s)	0.0	0.0	0.1	2.8	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.4
Total Delay (hr)	0.1	10.6	1.3	2.6	2.9	0.1	10.0	0.3	2.5	0.1	0.7	31.4
Total Del/Veh (s)	59.8	46.0	42.6	36.7	16.0	8.4	48.9	40.7	22.0	47.2	51.1	35.9
Stop Delay (hr)	0.1	8.5	1.0	2.3	2.2	0.1	8.7	0.3	2.1	0.1	0.7	26.1
Stop Del/Veh (s)	52.5	36.7	34.2	32.9	12.0	6.4	42.5	34.2	18.4	44.7	50.8	29.9
Total Stops	7	726	98	242	313	19	698	22	329	10	48	2512
Stop/Veh	1.17	0.87	0.91	0.96	0.47	0.43	0.94	0.81	0.80	0.91	0.92	0.80
Travel Dist (mi)	0.8	115.9	15.1	38.6	101.8	6.7	73.8	2.7	41.3	0.2	1.2	398.2
Travel Time (hr)	0.1	14.6	1.9	4.2	6.4	0.4	12.9	0.4	4.3	0.2	0.8	46.1
Avg Speed (mph)	6	8	8	10	16	19	6	7	10	2	1	9
Fuel Used (gal)	0.1	6.7	0.8	1.7	3.9	0.2	4.9	0.2	1.8	0.0	0.2	20.6
Fuel Eff. (mpg)	15.3	17.3	18.5	22.1	25.9	30.8	15.1	17.8	22.4	6.5	5.7	19.3
HC Emissions (g)	0	33	2	10	29	1	14	1	11	0	0	101
CO Emissions (g)	7	1281	120	373	1036	49	951	35	540	3	14	4409
NOx Emissions (g)	1	151	13	32	99	4	72	2	42	0	1	418
Vehicles Entered	6	808	105	248	656	43	732	27	408	11	52	3096
Vehicles Exited	6	822	106	250	659	43	722	27	406	11	51	3103
Hourly Exit Rate	6	822	106	250	659	43	722	27	406	11	51	3103
Input Volume	7	855	110	250	660	42	720	31	400	12	49	3136
% of Volume	86	96	97	100	100	102	100	86	101	94	105	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

101: Costco Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	4.7	242.1	40.5	0.0	0.0	0.0	0.1	0.0	1.6	0.0	0.4	289.5
Denied Del/Veh (s)	670.0	647.1	648.4	0.0	0.0	0.0	3.6	0.2	71.1	16.6	66.6	357.9
Total Delay (hr)	0.4	22.1	4.2	0.9	1.2	0.1	1.1	0.7	2.1	0.0	0.0	32.9
Total Del/Veh (s)	78.9	87.3	98.5	46.8	5.5	4.4	28.4	15.5	97.9	28.5	6.4	49.3
Stop Delay (hr)	0.3	19.9	3.9	0.9	0.6	0.0	1.0	0.7	2.1	0.0	0.0	29.6
Stop Del/Veh (s)	70.5	78.5	93.5	43.9	2.8	2.2	25.9	15.1	96.7	26.1	6.7	44.3
Total Stops	32	961	109	70	154	13	116	140	63	2	18	1678
Stop/Veh	1.88	1.05	0.72	0.97	0.20	0.22	0.82	0.83	0.80	1.00	0.75	0.70
Travel Dist (mi)	1.6	88.1	14.6	8.0	88.2	6.8	6.0	7.5	1.9	0.1	0.6	223.4
Travel Time (hr)	5.1	267.2	45.3	1.3	4.4	0.4	1.5	1.1	3.8	0.0	0.5	330.7
Avg Speed (mph)	4	4	3	6	20	19	4	7	1	3	7	5
Fuel Used (gal)	1.2	63.8	10.7	0.5	4.3	0.3	0.5	0.4	0.9	0.0	0.1	82.8
Fuel Eff. (mpg)	1.3	1.4	1.4	15.0	20.4	23.3	11.4	19.2	2.0	7.3	4.8	2.7
HC Emissions (g)	2	188	30	4	43	3	3	3	4	0	0	281
CO Emissions (g)	98	5770	899	165	1731	118	105	97	93	1	14	9089
NOx Emissions (g)	5	262	34	13	168	12	11	10	5	0	1	521
Vehicles Entered	16	891	149	71	773	60	139	166	77	2	23	2367
Vehicles Exited	16	890	148	70	773	60	140	166	76	2	24	2365
Hourly Exit Rate	16	890	148	70	773	60	140	166	76	2	24	2365
Input Volume	25	1296	214	76	785	57	143	164	79	2	24	2864
% of Volume	65	69	69	92	99	106	98	101	96	100	101	83
Denied Entry Before	1	53	8	0	0	0	0	0	0	0	0	62

102: Pure Hockey Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.1
Total Delay (hr)	0.0	1.1	0.0	0.7	0.1	0.3	0.2	2.4
Total Del/Veh (s)	13.7	3.9	2.9	3.1	2.3	13.9	12.9	4.2
Stop Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.3	0.2	0.7
Stop Del/Veh (s)	11.3	0.3	0.1	0.2	0.2	14.0	13.1	1.2
Total Stops	4	22	0	13	2	86	57	184
Stop/Veh	0.50	0.02	0.00	0.02	0.01	0.99	0.98	0.09
Travel Dist (mi)	0.7	82.3	0.6	35.0	5.9	1.9	1.0	127.4
Travel Time (hr)	0.1	4.1	0.0	1.9	0.4	0.5	0.3	7.2
Avg Speed (mph)	11	20	18	19	15	4	4	18
Fuel Used (gal)	0.0	4.2	0.0	1.9	0.2	0.1	0.1	6.7
Fuel Eff. (mpg)	19.3	19.4	21.7	18.2	24.0	15.3	13.6	19.1
HC Emissions (g)	0	36	0	15	5	0	0	58
CO Emissions (g)	13	1398	7	674	109	10	5	2216
NOx Emissions (g)	1	164	1	71	15	1	1	254
Vehicles Entered	8	990	8	764	136	86	58	2050
Vehicles Exited	8	990	8	764	136	86	58	2050
Hourly Exit Rate	8	990	8	764	136	86	58	2050
Input Volume	10	1240	10	763	126	89	59	2297
% of Volume	78	80	78	100	108	96	99	89
Denied Entry Before	0	0	0	0	0	0	0	0

103: US Route 1 & Home Depot Driveway Performance by movement

Movement	EBT	EBR	WBT	WBR	SER	NWL	NWR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1
Denied Del/Veh (s)	0.0	0.2	0.0	0.0	1.5	0.9	0.7	0.2
Total Delay (hr)	2.1	0.6	0.3	0.0	1.1	0.7	0.1	4.9
Total Del/Veh (s)	7.1	10.1	1.7	1.0	19.2	46.2	30.4	7.7
Stop Delay (hr)	1.1	0.3	0.0	0.0	1.0	0.7	0.1	3.2
Stop Del/Veh (s)	3.8	5.8	0.2	0.1	17.3	44.5	28.2	5.1
Total Stops	226	54	2	0	188	48	10	528
Stop/Veh	0.21	0.27	0.00	0.00	0.87	0.91	1.00	0.23
Travel Dist (mi)	75.6	14.5	40.9	3.0	4.9	0.9	0.2	140.0
Travel Time (hr)	4.8	1.1	1.8	0.1	1.4	0.7	0.1	10.1
Avg Speed (mph)	16	13	22	24	4	1	2	14
Fuel Used (gal)	3.5	0.7	2.1	0.2	0.4	0.2	0.0	7.1
Fuel Eff. (mpg)	21.6	20.0	19.4	17.0	12.0	5.3	8.5	19.6
HC Emissions (g)	32	7	26	3	2	1	0	70
CO Emissions (g)	1283	232	906	115	55	18	1	2611
NOx Emissions (g)	126	26	100	10	6	1	0	270
Vehicles Entered	1050	199	709	50	215	52	10	2285
Vehicles Exited	1052	199	708	50	215	52	10	2286
Hourly Exit Rate	1052	199	708	50	215	52	10	2286
Input Volume	1233	237	703	50	210	50	10	2494
% of Volume	85	84	101	100	102	103	98	92
Denied Entry Before	0	0	0	0	0	0	0	0

104: Twin Towers Office Driveway & US Route 1 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)	0.1	0.0	0.0	0.0	0.5	1.3	0.1
Total Delay (hr)	10.0	0.1	0.3	0.5	0.1	0.3	11.3
Total Del/Veh (s)	29.3	23.2	36.6	2.1	29.7	28.4	18.1
Stop Delay (hr)	5.7	0.0	0.3	0.1	0.1	0.3	6.4
Stop Del/Veh (s)	16.5	14.0	34.4	0.5	27.5	27.7	10.3
Total Stops	996	4	27	52	7	28	1114
Stop/Veh	0.81	0.50	0.93	0.06	0.88	0.85	0.50
Travel Dist (mi)	197.4	1.2	2.2	71.8	0.4	1.7	274.8
Travel Time (hr)	17.0	0.1	0.4	3.0	0.1	0.4	20.9
Avg Speed (mph)	12	12	6	24	5	5	13
Fuel Used (gal)	10.5	0.1	0.1	3.1	0.0	0.1	13.9
Fuel Eff. (mpg)	18.7	20.9	18.0	23.4	17.6	16.9	19.7
HC Emissions (g)	82	0	1	37	0	1	122
CO Emissions (g)	2896	14	21	1183	3	33	4149
NOx Emissions (g)	336	1	2	132	0	3	475
Vehicles Entered	1225	8	28	922	8	32	2223
Vehicles Exited	1228	8	28	923	8	33	2228
Hourly Exit Rate	1228	8	28	923	8	33	2228
Input Volume	1356	10	30	920	10	30	2356
% of Volume	91	78	93	100	78	110	95
Denied Entry Before	0	0	0	0	0	0	0

105: US Route 1 & Kohl's Driveway Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.1	0.0
Total Delay (hr)	0.1	1.5	0.4	2.8	0.1	0.1	0.5	0.2	5.5
Total Del/Veh (s)	20.7	4.3	31.4	10.4	6.2	15.1	25.2	24.7	8.3
Stop Delay (hr)	0.1	0.6	0.3	1.2	0.0	0.1	0.5	0.2	3.1
Stop Del/Veh (s)	18.5	1.9	28.1	4.7	1.3	15.0	23.6	24.4	4.6
Total Stops	11	192	39	306	8	30	61	18	665
Stop/Veh	0.79	0.16	0.95	0.32	0.19	0.91	0.82	0.78	0.28
Travel Dist (mi)	1.1	98.0	4.1	94.9	4.3	0.7	1.9	0.6	205.7
Travel Time (hr)	0.1	4.8	0.5	6.1	0.3	0.2	0.6	0.2	12.8
Avg Speed (mph)	9	20	8	16	17	4	3	3	16
Fuel Used (gal)	0.1	4.7	0.2	4.6	0.2	0.0	0.2	0.1	10.0
Fuel Eff. (mpg)	21.1	21.0	17.9	20.5	24.8	15.7	10.6	11.7	20.5
HC Emissions (g)	0	62	1	38	2	0	1	0	105
CO Emissions (g)	14	2196	65	1320	56	6	27	4	3687
NOx Emissions (g)	1	224	5	157	7	1	3	0	398
Vehicles Entered	14	1233	41	941	43	32	74	23	2401
Vehicles Exited	14	1233	41	943	43	32	74	23	2403
Hourly Exit Rate	14	1233	41	943	43	32	74	23	2403
Input Volume	15	1355	40	942	40	30	70	22	2514
% of Volume	92	91	102	100	108	107	106	106	96
Denied Entry Before	0	0	0	0	0	0	0	0	0

106: Stop & Shop Driveway/Best Buy Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Total Delay (hr)	0.1	4.6	1.3	3.4	0.1	0.1	0.5	0.7	0.1	0.1	11.1
Total Del/Veh (s)	58.5	11.4	37.7	11.0	44.1	45.2	26.3	46.0	44.0	44.3	13.9
Stop Delay (hr)	0.1	2.7	1.1	1.9	0.1	0.1	0.5	0.7	0.1	0.1	7.4
Stop Del/Veh (s)	56.1	6.6	33.1	6.2	42.4	42.4	25.6	44.2	40.9	44.1	9.4
Total Stops	8	484	112	409	7	8	46	50	9	10	1143
Stop/Veh	1.00	0.33	0.93	0.37	0.88	0.89	0.71	0.91	0.90	0.91	0.40
Travel Dist (mi)	1.2	218.8	10.7	99.6	0.3	0.3	2.0	1.5	0.3	0.3	334.8
Travel Time (hr)	0.2	12.2	1.7	6.9	0.1	0.1	0.6	0.8	0.1	0.2	22.9
Avg Speed (mph)	7	18	6	14	2	2	3	2	2	2	15
Fuel Used (gal)	0.1	8.5	0.7	5.4	0.0	0.0	0.2	0.2	0.0	0.0	15.2
Fuel Eff. (mpg)	18.2	25.8	14.7	18.4	9.2	8.9	12.0	6.9	7.0	7.9	22.0
HC Emissions (g)	0	68	4	39	0	0	1	1	0	0	113
CO Emissions (g)	10	2110	157	1533	2	3	24	25	4	3	3871
NOx Emissions (g)	1	255	17	180	0	0	2	2	0	0	458
Vehicles Entered	8	1446	119	1105	8	9	64	54	10	11	2834
Vehicles Exited	8	1457	119	1109	8	9	64	54	10	11	2849
Hourly Exit Rate	8	1457	119	1109	8	9	64	54	10	11	2849
Input Volume	10	1528	121	1102	10	10	70	55	10	10	2927
% of Volume	78	95	99	101	78	88	91	99	98	107	97
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	312.0
Denied Del/Veh (s)	131.2
Total Delay (hr)	269.0
Total Del/Veh (s)	115.5
Stop Delay (hr)	216.5
Stop Del/Veh (s)	93.0
Total Stops	18944
Stop/Veh	2.26
Travel Dist (mi)	4128.8
Travel Time (hr)	732.5
Avg Speed (mph)	10
Fuel Used (gal)	297.2
Fuel Eff. (mpg)	13.9
HC Emissions (g)	1782
CO Emissions (g)	66754
NOx Emissions (g)	6439
Vehicles Entered	7992
Vehicles Exited	7969
Hourly Exit Rate	7969
Input Volume	44869
% of Volume	18
Denied Entry Before	64

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Richards Ave	3	41.8	55.9	0.1	7	7	42.0
Total		41.8	55.9	0.1	7	7	42.0

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Richards Ave	7	46.8	8	38.8	7	47.5	8
Total	7	46.8	8	38.8	7	47.5	8

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Richards Ave	36.6	7	42.5	7	47.7	7	46.7
Total	36.6	7	42.5	7	47.7	7	46.7

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Richards Ave	9	34.3	9	33.7
Total	9	34.3	9	33.7

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
	101	2.9	16.8	0.1	24	25	2.6
Total		2.9	16.8	0.1	24	25	2.6

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
	24	2.9	24	3.0	24	2.9	25
Total	24	2.9	24	3.0	24	2.9	25

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
	2.8	24	2.9	24	3.0	24	3.0
Total	2.8	24	2.9	24	3.0	24	3.0

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
	23	3.5	25	2.4
Total	23	3.5	25	2.4

Arterial Level of Service
No Build PM

11/13/2025

Arterial Level of Service: EB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Pure Hockey Driveway	102	4.6	14.7	0.1	20	19	4.7
Liquidators Driveway	4	5.9	12.3	0.1	16	16	6.3
	103	7.6	16.2	0.1	16	13	11.2
Keeler Ave	5	22.2	28.0	0.1	7	6	26.6
Twin Towers Office D	104	30.4	49.9	0.2	12	10	37.2
	105	4.2	13.8	0.1	21	20	4.3
Rampart Road	6	23.1	35.1	0.1	10	10	25.7
Shop Rite Driveway	7	7.0	23.2	0.1	21	21	7.4
Stop & Shop Driveway	106	12.3	30.3	0.2	18	18	13.0
Scribner Avenue	8	17.2	27.3	0.1	12	11	18.5
I-95 Ramps	9	50.1	67.0	0.1	8	8	48.9
Total		184.6	318.0	1.1	13	12	203.8

Arterial Level of Service: EB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Pure Hockey Driveway	20	4.3	20	4.3	20	4.5	19
Liquidators Driveway	18	5.0	17	5.6	17	5.3	17
	20	4.5	16	7.4	17	6.5	15
Keeler Ave	8	19.3	7	21.5	7	21.8	7
Twin Towers Office D	13	24.8	14	22.1	12	29.5	10
	20	4.7	21	3.9	20	4.4	21
Rampart Road	9	27.1	10	24.7	11	22.4	11
Shop Rite Driveway	21	7.4	21	6.7	21	7.0	21
Stop & Shop Driveway	19	11.5	19	11.5	18	12.0	18
Scribner Avenue	12	16.8	12	17.1	13	15.0	11
I-95 Ramps	8	50.8	8	49.4	8	48.6	7
Total	13	176.1	13	174.3	13	177.1	12

Arterial Level of Service: EB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Pure Hockey Driveway	4.8	20	4.5	18	5.6	20	4.6
Liquidators Driveway	5.7	18	4.8	13	9.2	17	5.1
	9.3	20	4.3	11	15.7	19	5.1
Keeler Ave	23.7	8	18.7	6	27.4	8	19.6
Twin Towers Office D	35.9	13	25.9	9	44.0	13	26.2
	4.2	21	3.9	19	5.5	21	3.8
Rampart Road	20.8	11	22.7	9	26.8	10	23.6
Shop Rite Driveway	7.0	21	6.7	21	7.0	21	7.6
Stop & Shop Driveway	12.2	18	12.5	18	12.2	19	11.4
Scribner Avenue	18.9	12	18.2	13	15.0	11	19.4
I-95 Ramps	55.1	8	51.8	8	47.4	8	51.7
Total	197.6	13	173.9	12	215.7	13	178.0

Arterial Level of Service: EB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Pure Hockey Driveway	20	4.0	20	4.6
Liquidators Driveway	16	6.3	16	6.3
	22	3.3	16	7.4
Keeler Ave	8	18.6	7	23.4
Twin Towers Office D	14	21.4	11	34.9
	21	3.9	21	4.0
Rampart Road	13	17.2	12	19.8
Shop Rite Driveway	21	6.7	22	6.2
Stop & Shop Driveway	18	12.2	17	14.0
Scribner Avenue	13	15.9	12	17.0
I-95 Ramps	8	48.7	8	48.5
Total	14	158.1	13	186.1

Arterial Level of Service: WB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Global Gas Driveway	9	16.0	34.9	0.2	17	19	12.2
Scribner Avenue	8	42.7	60.2	0.1	9	10	36.2
Best Buy Driveway	106	12.4	23.2	0.1	14	14	13.2
Shop Rite Driveway	7	8.1	26.0	0.2	21	21	7.8
Driveway	6	14.0	30.4	0.1	16	17	13.1
Kohl's Driveway	105	10.6	22.7	0.1	16	17	9.5
Twin Towers Office D	104	2.0	11.4	0.1	25	26	1.8
	5	12.8	30.8	0.2	19	18	13.4
Home Depot Driveway	103	1.9	8.9	0.1	22	22	1.9
Walmart Driveway	4	14.6	23.2	0.1	11	11	14.5
Walmart Driveway	102	3.2	8.8	0.1	23	23	3.1
	3	23.4	33.1	0.1	9	9	21.1
Total		161.6	313.6	1.3	15	16	147.5

Arterial Level of Service: WB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Global Gas Driveway	20	11.2	12	30.0	18	13.7	19
Scribner Avenue	10	35.4	8	50.5	9	39.7	7
Best Buy Driveway	15	11.7	14	13.0	14	13.2	14
Shop Rite Driveway	22	7.2	20	9.2	21	8.0	20
Driveway	16	15.0	15	16.0	17	13.4	17
Kohl's Driveway	14	13.1	16	11.5	16	10.4	19
Twin Towers Office D	25	1.9	25	1.9	25	1.9	24
	18	13.4	19	12.5	19	13.0	19
Home Depot Driveway	22	1.7	22	1.7	21	2.0	22
Walmart Driveway	11	14.6	12	13.0	10	16.4	12
Walmart Driveway	23	2.9	22	3.3	22	3.3	23
	9	22.6	7	28.8	9	21.9	9
Total	15	150.7	14	191.3	15	156.9	15

Arterial Level of Service: WB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Global Gas Driveway	12.7	19	13.4	19	12.5	20	11.2
Scribner Avenue	53.6	9	40.7	8	51.4	10	38.4
Best Buy Driveway	11.9	15	11.2	14	12.1	14	12.0
Shop Rite Driveway	9.2	21	8.8	22	7.4	20	9.0
Driveway	12.1	16	14.1	17	12.5	16	13.7
Kohl's Driveway	7.8	17	9.8	17	10.0	17	9.5
Twin Towers Office D	2.4	25	1.9	26	1.8	25	1.9
	12.5	19	12.3	18	13.2	19	11.8
Home Depot Driveway	1.8	22	1.7	20	2.3	22	1.8
Walmart Driveway	13.1	11	14.3	10	16.5	12	13.3
Walmart Driveway	3.2	22	3.3	22	3.4	23	3.1
	22.4	9	23.1	9	23.5	8	25.0
Total	162.7	15	154.5	15	166.7	15	150.7

Arterial Level of Service: WB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Global Gas Driveway	19	12.7	12	31.0
Scribner Avenue	8	48.3	11	31.2
Best Buy Driveway	14	12.6	14	12.7
Shop Rite Driveway	21	7.7	22	6.9
Driveway	16	14.7	15	15.7
Kohl's Driveway	16	10.7	14	13.4
Twin Towers Office D	26	1.7	23	3.0
	19	12.6	19	12.9
Home Depot Driveway	22	1.8	21	2.1
Walmart Driveway	12	13.9	11	15.9
Walmart Driveway	23	3.2	23	3.2
	9	23.4	9	21.7
Total	15	163.2	15	169.6

Queuing and Blocking Report
No Build PM

11/13/2025

Intersection: 3: Richards Ave & Connecticut Avenue/US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	T	R
Maximum Queue (ft)	521	509	520	122	293	332	100	206	262	185	245	185
Average Queue (ft)	439	364	371	20	96	216	82	93	106	149	155	52
95th Queue (ft)	611	607	551	71	236	327	134	178	220	225	297	157
Link Distance (ft)	488	488	488		308	308			263		209	
Upstream Blk Time (%)	38	3	3		0	2			1		33	
Queuing Penalty (veh)	194	16	15		0	6			0		0	
Storage Bay Dist (ft)				210			75	163		135		135
Storage Blk Time (%)					1	33	1	4	4	55	3	1
Queuing Penalty (veh)					0	50	4	9	7	173	9	2

Intersection: 4: Liquidators Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	73	168	209	64	298	324	51	72	181	57
Average Queue (ft)	25	68	97	13	116	207	11	34	91	19
95th Queue (ft)	58	149	177	43	239	313	38	64	154	48
Link Distance (ft)	159	159	159		317	317		214	203	203
Upstream Blk Time (%)	0	0	1		0	0			0	
Queuing Penalty (veh)	0	1	6		0	2			0	
Storage Bay Dist (ft)				50			150			
Storage Blk Time (%)				1	11					
Queuing Penalty (veh)				4	2					

Intersection: 5: Keeler Ave & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	L	TR
Maximum Queue (ft)	123	221	243	194	168	240	145	384	175	144	223	335
Average Queue (ft)	41	160	191	76	49	104	40	117	116	21	95	112
95th Queue (ft)	90	235	241	167	119	188	92	354	206	90	190	284
Link Distance (ft)	184	184	184	728	728	728		433				439
Upstream Blk Time (%)		6	17					4				2
Queuing Penalty (veh)		24	68					0				0
Storage Bay Dist (ft)							210		150	190	190	
Storage Blk Time (%)						0		0	25	0	0	7
Queuing Penalty (veh)						1		0	15	0	1	13

Intersection: 6: Rampart Road/Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	T	R	UL	TR	L	TR
Maximum Queue (ft)	187	422	446	165	282	371	75	160	142	101	66
Average Queue (ft)	27	199	243	80	97	173	11	79	54	34	21
95th Queue (ft)	111	359	402	137	225	309	53	134	108	91	50
Link Distance (ft)		468	468		654	654			330	190	190
Upstream Blk Time (%)		0	0							1	
Queuing Penalty (veh)		1	1							0	
Storage Bay Dist (ft)	200			200			230	120			
Storage Blk Time (%)		9		0	0	4		2	1		
Queuing Penalty (veh)		2		0	0	1		3	1		

Intersection: 7: US Route 1 & Shop Rite Driveway

Movement	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	T	R	L	L	R
Maximum Queue (ft)	162	214	238	185	211	83	173	173	124
Average Queue (ft)	74	67	100	63	91	29	108	108	45
95th Queue (ft)	132	163	208	140	175	68	173	179	89
Link Distance (ft)		654	654	728	728		162	162	162
Upstream Blk Time (%)							3	4	0
Queuing Penalty (veh)							0	0	0
Storage Bay Dist (ft)	315					460			
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 8: Scribner Avenue & US Route 1

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	TR	L	TR	L	TR
Maximum Queue (ft)	183	284	309	23	565	670	671	130	358	244	665
Average Queue (ft)	71	153	179	1	345	414	420	81	141	164	522
95th Queue (ft)	144	259	281	23	631	677	641	145	344	322	801
Link Distance (ft)		374	374	374		675	675		501		629
Upstream Blk Time (%)			0			4	1		3		45
Queuing Penalty (veh)			0			31	4		0		0
Storage Bay Dist (ft)	230				540			90		144	
Storage Blk Time (%)	0	1			13	5		20	19	3	77
Queuing Penalty (veh)	0	2			69	11		32	20	9	70

Queuing and Blocking Report
No Build PM

11/13/2025

Intersection: 9: I-95 Ramps/Global Gas Driveway & US Route 1

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	TR	L	T	TR	L	L	TR	LT	R
Maximum Queue (ft)	406	424	265	261	246	418	394	343	46	94
Average Queue (ft)	270	290	125	120	110	248	221	169	10	40
95th Queue (ft)	382	399	222	225	214	376	349	297	34	82
Link Distance (ft)	675	675		814	814	532	532	532	117	117
Upstream Blk Time (%)						0				0
Queuing Penalty (veh)						0				0
Storage Bay Dist (ft)			550							
Storage Blk Time (%)										
Queuing Penalty (veh)										

Intersection: 101: Costco Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	R	L	TR
Maximum Queue (ft)	144	566	565	111	118	133	93	151	117	138	45
Average Queue (ft)	25	536	536	48	46	65	63	32	36	73	9
95th Queue (ft)	103	553	553	96	96	117	100	98	85	143	30
Link Distance (ft)		516	516	488	488	488		220	220	121	121
Upstream Blk Time (%)		65	88					0	0	21	
Queuing Penalty (veh)		0	0					0	0	0	
Storage Bay Dist (ft)	65						70				
Storage Blk Time (%)	0	48					14	0			
Queuing Penalty (veh)	1	12					12	1			

Intersection: 102: Pure Hockey Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	26	34	166	39	114	100	77
Average Queue (ft)	3	1	11	1	10	41	31
95th Queue (ft)	17	35	100	24	55	75	62
Link Distance (ft)		308	308	159	159	117	89
Upstream Blk Time (%)		0	0	0	0	0	0
Queuing Penalty (veh)		0	1	0	0	0	0
Storage Bay Dist (ft)	50						
Storage Blk Time (%)	0						
Queuing Penalty (veh)	0						

Queuing and Blocking Report
No Build PM

11/13/2025

Intersection: 103: US Route 1 & Home Depot Driveway

Movement	EB	EB	EB	WB	WB	SE	NW	NW
Directions Served	T	T	TR	T	T	R	L	R
Maximum Queue (ft)	106	276	316	25	42	132	91	42
Average Queue (ft)	7	53	117	1	2	69	42	9
95th Queue (ft)	75	215	306	20	23	126	84	33
Link Distance (ft)		317	317	184	184	111	94	94
Upstream Blk Time (%)		0	2	0	0	6	3	
Queuing Penalty (veh)		2	12	0	0	0	0	
Storage Bay Dist (ft)	195							
Storage Blk Time (%)		1						
Queuing Penalty (veh)		5						

Intersection: 104: Twin Towers Office Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	T	T	R	L	T	T	L	LR	R
Maximum Queue (ft)	644	695	178	74	78	131	24	83	42
Average Queue (ft)	264	384	14	27	10	35	1	25	10
95th Queue (ft)	645	719	106	63	48	102	9	60	34
Link Distance (ft)	728	728		344	344	344		280	
Upstream Blk Time (%)	0	1							
Queuing Penalty (veh)	2	6							
Storage Bay Dist (ft)			175				75		75
Storage Blk Time (%)		24						1	
Queuing Penalty (veh)		2						0	

Intersection: 105: US Route 1 & Kohl's Driveway

Movement	EB	EB	EB	WB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	T	L	T	T	R	R	L	R
Maximum Queue (ft)	43	138	163	126	310	412	186	68	108	59
Average Queue (ft)	11	54	73	34	40	163	16	24	46	16
95th Queue (ft)	36	112	145	89	168	335	98	54	89	45
Link Distance (ft)	344	344	344		468	468		118	134	134
Upstream Blk Time (%)					0	0			0	
Queuing Penalty (veh)					0	0			0	
Storage Bay Dist (ft)				165			90			
Storage Blk Time (%)					0	13				
Queuing Penalty (veh)					0	5				

Queuing and Blocking Report

No Build PM

11/13/2025

Intersection: 106: Stop & Shop Driveway/Best Buy Driveway & US Route 1

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	T	T	L	T	T	LT	R	LT	R
Maximum Queue (ft)	35	225	296	329	172	239	274	59	105	114	47
Average Queue (ft)	7	88	113	150	79	111	156	16	42	52	10
95th Queue (ft)	25	183	233	288	142	223	277	44	89	100	35
Link Distance (ft)		728	728			374	374	163	163	140	140
Upstream Blk Time (%)							0		0	0	
Queuing Penalty (veh)							0		0	0	
Storage Bay Dist (ft)	300			300	210						
Storage Blk Time (%)			0	1	0	1					
Queuing Penalty (veh)			1	3	0	1					

Network Summary

Network wide Queuing Penalty: 950

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	4:45	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	6:00
Total Time (min)	75	75	75	75	75	75	75
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4	4	4	4
Vehs Entered	8836	8718	8670	8735	8671	8746	8557
Vehs Exited	8674	8515	8577	8676	8549	8691	8427
Starting Vehs	446	500	491	478	425	480	439
Ending Vehs	608	703	584	537	547	535	569
Denied Entry Before	157	107	91	158	148	92	154
Travel Distance (mi)	4501	4437	4470	4528	4413	4456	4427
Travel Time (hr)	978.7	1079.3	943.5	1089.1	982.6	951.8	1107.5
Total Delay (hr)	812.7	915.4	778.8	922.4	819.5	787.7	944.5
Total Stops	21786	24120	21374	22467	21314	20456	21579
Fuel Used (gal)	365.1	385.9	356.2	392.1	363.6	358.3	392.8

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	4:45	4:45	4:45	4:45
End Time	6:00	6:00	6:00	6:00
Total Time (min)	75	75	75	75
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4
Vehs Entered	8719	8626	8785	8702
Vehs Exited	8582	8476	8786	8597
Starting Vehs	455	432	498	456
Ending Vehs	592	582	497	571
Denied Entry Before	143	155	125	131
Travel Distance (mi)	4466	4495	4591	4478
Travel Time (hr)	1025.1	1064.7	1039.6	1026.2
Total Delay (hr)	860.5	899.2	870.4	861.1
Total Stops	21329	21627	22546	21861
Fuel Used (gal)	375.1	385.1	381.7	375.6

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2077	2179	2099	2006	2072	2064	2050
Vehs Exited	2101	2178	2139	1992	2081	2125	2024
Starting Vehs	446	500	491	478	425	480	439
Ending Vehs	422	501	451	492	416	419	465
Denied Entry Before	157	107	91	158	148	92	154
Travel Distance (mi)	1081	1113	1122	1088	1084	1103	1065
Travel Time (hr)	162.0	167.9	148.0	196.5	171.4	158.7	176.9
Total Delay (hr)	122.0	126.7	106.7	156.6	131.2	118.1	137.6
Total Stops	4772	5303	5211	5417	5001	4819	4613
Fuel Used (gal)	70.6	74.0	69.5	78.9	73.0	70.9	74.0

Interval #1 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2083	2118	2180	2089
Vehs Exited	2115	2109	2187	2102
Starting Vehs	455	432	498	456
Ending Vehs	423	441	491	452
Denied Entry Before	143	155	125	131
Travel Distance (mi)	1092	1117	1149	1101
Travel Time (hr)	163.2	164.6	168.6	167.8
Total Delay (hr)	123.1	123.5	126.2	127.2
Total Stops	5075	5384	5646	5125
Fuel Used (gal)	72.2	73.2	74.8	73.1

Interval #2 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2307	2102	2048	2091	2255	2122	2093
Vehs Exited	2235	2075	2052	2141	2184	2076	2072
Starting Vehs	422	501	451	492	416	419	465
Ending Vehs	494	528	447	442	487	465	486
Denied Entry Before	299	245	215	412	338	296	372
Travel Distance (mi)	1143	1112	1080	1134	1144	1081	1095
Travel Time (hr)	201.9	220.9	186.3	237.0	200.9	197.3	234.8
Total Delay (hr)	159.7	180.0	146.6	195.3	158.7	157.5	194.5
Total Stops	5456	6155	4905	5547	5398	4580	5119
Fuel Used (gal)	82.0	85.2	76.6	90.0	82.1	79.1	88.1

Interval #2 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2151	2129	2163	2146
Vehs Exited	2133	2081	2108	2114
Starting Vehs	423	441	491	452
Ending Vehs	441	489	546	487
Denied Entry Before	357	330	280	313
Travel Distance (mi)	1130	1126	1120	1117
Travel Time (hr)	222.1	219.2	225.9	214.6
Total Delay (hr)	180.4	177.9	184.6	173.5
Total Stops	5397	5082	5585	5321
Fuel Used (gal)	86.5	85.6	86.9	84.2

Interval #3 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2344	2373	2358	2476	2265	2352	2390
Vehs Exited	2244	2213	2257	2333	2243	2313	2257
Starting Vehs	494	528	447	442	487	465	486
Ending Vehs	594	688	548	585	509	504	619
Denied Entry Before	386	469	416	534	404	420	578
Travel Distance (mi)	1155	1135	1172	1157	1133	1166	1164
Travel Time (hr)	274.1	303.7	268.8	301.1	258.8	268.8	319.6
Total Delay (hr)	231.4	261.7	225.5	258.4	216.9	225.9	276.6
Total Stops	5922	6642	5707	5764	5595	5551	5903
Fuel Used (gal)	99.1	104.8	98.3	105.8	94.9	98.3	109.8

Interval #3 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2337	2279	2389	2348
Vehs Exited	2272	2211	2360	2271
Starting Vehs	441	489	546	487
Ending Vehs	506	557	575	565
Denied Entry Before	511	541	490	471
Travel Distance (mi)	1137	1147	1208	1157
Travel Time (hr)	284.2	306.5	295.4	288.1
Total Delay (hr)	242.1	264.2	250.7	245.3
Total Stops	5315	5736	5811	5789
Fuel Used (gal)	100.3	105.8	105.2	102.2

Interval #4 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2108	2064	2165	2162	2079	2208	2024
Vehs Exited	2094	2049	2129	2210	2041	2177	2074
Starting Vehs	594	688	548	585	509	504	619
Ending Vehs	608	703	584	537	547	535	569
Denied Entry Before	695	723	695	809	679	721	851
Travel Distance (mi)	1122	1077	1096	1149	1052	1105	1104
Travel Time (hr)	340.7	386.8	340.4	354.5	351.5	327.1	376.3
Total Delay (hr)	299.6	347.1	300.0	312.1	312.7	286.1	335.9
Total Stops	5636	6020	5551	5739	5320	5506	5944
Fuel Used (gal)	113.4	122.0	111.8	117.4	113.5	110.1	121.0

Interval #4 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2148	2100	2053	2108
Vehs Exited	2062	2075	2131	2103
Starting Vehs	506	557	575	565
Ending Vehs	592	582	497	571
Denied Entry Before	777	851	726	751
Travel Distance (mi)	1107	1105	1113	1103
Travel Time (hr)	355.6	374.4	349.7	355.7
Total Delay (hr)	314.9	333.6	308.8	315.1
Total Stops	5542	5425	5504	5613
Fuel Used (gal)	116.1	120.6	114.8	116.1

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.1	0.6	0.2	0.0	0.1	0.0	0.2	0.0	0.0	33.7	26.9	45.9
Denied Del/Veh (s)	2.4	2.7	6.7	0.0	0.2	0.9	4.3	1.0	1.2	665.8	697.5	671.3
Total Delay (hr)	7.5	14.4	2.4	2.0	9.0	1.0	2.0	1.3	0.7	9.4	1.6	1.3
Total Del/Veh (s)	176.2	59.4	65.1	65.6	34.0	29.3	46.3	34.4	24.6	272.1	65.0	28.3
Stop Delay (hr)	7.4	12.0	2.1	1.9	7.1	0.8	1.9	1.1	0.7	9.4	1.5	1.3
Stop Del/Veh (s)	174.0	49.4	56.5	62.2	26.8	23.3	43.0	29.0	22.8	273.6	60.1	28.3
Total Stops	167	966	126	118	934	133	142	123	101	90	108	195
Stop/Veh	1.09	1.11	0.95	1.06	0.97	1.13	0.91	0.90	0.94	0.73	1.21	1.19
Travel Dist (mi)	16.0	92.1	12.1	8.9	75.9	9.2	8.0	7.3	5.8	4.9	3.9	7.4
Travel Time (hr)	8.2	18.3	3.1	2.4	11.9	1.4	2.5	1.6	1.1	43.3	28.7	47.6
Avg Speed (mph)	2	5	4	4	6	7	3	5	6	1	2	4
Fuel Used (gal)	2.3	7.3	1.0	0.8	5.2	0.6	0.9	0.6	0.4	10.1	6.7	11.1
Fuel Eff. (mpg)	6.9	12.5	12.0	11.4	14.5	15.9	9.4	12.9	14.5	0.5	0.6	0.7
HC Emissions (g)	3	44	3	2	15	10	2	1	2	0	5	19
CO Emissions (g)	257	1680	120	112	868	191	136	90	76	501	404	787
NOx Emissions (g)	17	173	13	9	96	26	12	9	8	5	10	24
Vehicles Entered	145	854	130	108	948	117	152	135	106	115	88	161
Vehicles Exited	143	851	131	108	946	117	155	134	107	115	88	163
Hourly Exit Rate	143	851	131	108	946	117	155	134	107	115	88	163
Input Volume	200	1202	175	115	1008	130	150	135	110	170	130	230
% of Volume	72	71	75	94	94	90	103	99	97	68	68	71
Denied Entry Before	0	0	0	0	0	0	1	0	0	11	6	12

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	107.8
Denied Del/Veh (s)	119.0
Total Delay (hr)	52.6
Total Del/Veh (s)	60.7
Stop Delay (hr)	47.1
Stop Del/Veh (s)	54.3
Total Stops	3203
Stop/Veh	1.03
Travel Dist (mi)	251.5
Travel Time (hr)	170.2
Avg Speed (mph)	4
Fuel Used (gal)	47.0
Fuel Eff. (mpg)	5.4
HC Emissions (g)	106
CO Emissions (g)	5224
NOx Emissions (g)	401
Vehicles Entered	3059
Vehicles Exited	3058
Hourly Exit Rate	3058
Input Volume	3754
% of Volume	81
Denied Entry Before	30

4: Liquidators Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.2	4.1	0.1	0.2	1.2	1.0	0.2
Total Delay (hr)	0.8	1.8	0.1	0.2	5.8	0.7	0.1	0.0	0.2	2.2	0.3	12.3
Total Del/Veh (s)	42.2	6.8	4.9	43.3	19.3	20.3	34.1	31.2	11.9	43.0	14.9	16.8
Stop Delay (hr)	0.8	1.1	0.0	0.2	3.8	0.5	0.1	0.0	0.2	2.0	0.3	9.0
Stop Del/Veh (s)	40.4	4.0	3.3	39.2	12.6	14.4	31.9	27.9	11.2	40.1	14.2	12.4
Total Stops	64	262	14	20	722	95	11	4	51	163	46	1452
Stop/Veh	0.90	0.28	0.33	1.11	0.67	0.73	0.85	0.80	0.88	0.90	0.64	0.55
Travel Dist (mi)	3.6	49.1	2.1	1.3	75.2	9.1	0.5	0.2	2.4	6.9	2.8	153.1
Travel Time (hr)	1.0	3.6	0.2	0.3	8.4	1.1	0.2	0.1	0.3	2.5	0.5	18.1
Avg Speed (mph)	4	13	13	5	9	8	4	4	7	3	6	9
Fuel Used (gal)	0.3	3.0	0.1	0.1	4.0	0.5	0.1	0.0	0.1	0.8	0.1	9.0
Fuel Eff. (mpg)	12.7	16.5	21.6	13.9	18.7	19.8	10.0	13.9	24.0	8.7	19.8	17.0
HC Emissions (g)	0	25	0	0	31	1	0	0	0	1	0	60
CO Emissions (g)	24	1130	21	15	1044	57	11	2	13	82	18	2418
NOx Emissions (g)	2	108	2	1	117	6	1	0	1	9	2	250
Vehicles Entered	70	947	41	18	1076	130	13	5	58	179	72	2609
Vehicles Exited	71	946	41	18	1077	130	13	5	57	179	72	2609
Hourly Exit Rate	71	946	41	18	1077	130	13	5	57	179	72	2609
Input Volume	90	1227	55	20	1110	140	15	5	55	180	75	2973
% of Volume	79	77	75	89	97	93	88	95	103	99	96	88
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 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	1.7	2.6	4.0	0.2	0.0	0.0
Denied Del/Veh (s)	1.8	0.2	0.2	0.1	0.0	0.1	77.6	84.0	85.1	3.5	0.5	0.5
Total Delay (hr)	2.9	4.9	0.5	9.2	3.3	0.7	2.1	5.2	6.7	3.7	0.9	0.6
Total Del/Veh (s)	68.4	21.8	20.7	175.8	16.7	7.4	101.8	173.7	145.5	51.1	34.5	19.7
Stop Delay (hr)	2.8	3.7	0.4	9.1	2.5	0.4	2.1	5.1	6.7	3.4	0.8	0.5
Stop Del/Veh (s)	65.9	16.6	17.3	174.5	12.7	4.4	98.4	171.2	146.5	46.8	28.9	17.8
Total Stops	158	552	62	209	348	163	91	75	112	288	87	91
Stop/Veh	1.03	0.68	0.70	1.11	0.50	0.50	1.21	0.69	0.68	1.10	0.89	0.89
Travel Dist (mi)	7.6	38.4	4.2	28.1	104.7	48.5	6.2	8.9	13.7	22.4	8.7	9.0
Travel Time (hr)	3.3	6.2	0.7	10.2	6.8	2.6	4.0	8.1	11.3	4.9	1.2	1.0
Avg Speed (mph)	2	6	6	3	15	19	3	2	2	5	7	9
Fuel Used (gal)	0.9	2.4	0.2	2.8	3.8	1.4	1.1	2.1	2.9	1.8	0.5	0.4
Fuel Eff. (mpg)	8.7	16.3	17.4	10.0	27.5	34.5	5.6	4.3	4.7	12.6	17.0	20.0
HC Emissions (g)	1	13	1	2	36	6	1	2	6	5	4	2
CO Emissions (g)	58	405	32	198	983	233	103	165	286	345	140	111
NOx Emissions (g)	4	48	4	12	109	23	7	9	17	27	13	9
Vehicles Entered	150	798	87	184	691	322	73	105	161	257	98	102
Vehicles Exited	150	797	87	172	691	322	73	102	156	257	97	101
Hourly Exit Rate	150	797	87	172	691	322	73	102	156	257	97	101
Input Volume	180	974	110	190	716	330	80	110	165	260	100	100
% of Volume	83	82	79	91	96	98	92	93	95	99	97	101
Denied Entry Before	0	0	0	0	0	0	0	0	1	0	0	0

5: Keeler Ave & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	8.7
Denied Del/Veh (s)	10.3
Total Delay (hr)	40.6
Total Del/Veh (s)	47.6
Stop Delay (hr)	37.5
Stop Del/Veh (s)	44.0
Total Stops	2236
Stop/Veh	0.73
Travel Dist (mi)	300.3
Travel Time (hr)	60.4
Avg Speed (mph)	6
Fuel Used (gal)	20.3
Fuel Eff. (mpg)	14.8
HC Emissions (g)	78
CO Emissions (g)	3059
NOx Emissions (g)	282
Vehicles Entered	3028
Vehicles Exited	3005
Hourly Exit Rate	3005
Input Volume	3315
% of Volume	91
Denied Entry Before	1

6: Rampart Road/Driveway & US Route 1 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	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.2	0.1	0.4	0.0	0.0	0.0	3.7	0.3	0.3	0.1	0.2	0.1
Total Delay (hr)	0.4	7.4	1.3	1.6	12.2	0.2	1.3	0.1	0.6	1.0	0.1	0.2
Total Del/Veh (s)	38.8	23.9	25.9	40.9	38.5	18.7	31.4	25.4	16.1	163.4	22.8	15.7
Stop Delay (hr)	0.3	5.1	1.0	1.3	8.5	0.1	1.1	0.1	0.6	1.0	0.1	0.2
Stop Del/Veh (s)	34.4	16.4	19.0	33.7	27.0	11.5	28.2	21.2	14.4	161.7	19.6	15.2
Total Stops	36	700	135	150	1005	27	125	8	111	22	11	40
Stop/Veh	1.03	0.62	0.73	1.08	0.88	0.77	0.86	0.73	0.79	0.96	0.69	0.75
Travel Dist (mi)	3.5	110.6	18.3	18.6	152.6	4.8	9.0	0.7	8.8	0.8	0.6	1.9
Travel Time (hr)	0.5	11.3	2.1	2.3	17.5	0.4	1.8	0.1	1.0	1.1	0.1	0.3
Avg Speed (mph)	7	10	9	8	9	13	6	7	9	1	5	6
Fuel Used (gal)	0.2	5.1	0.8	1.0	8.2	0.2	0.6	0.0	0.4	0.3	0.0	0.1
Fuel Eff. (mpg)	17.9	21.7	22.7	18.0	18.7	22.6	14.0	17.6	20.4	3.1	15.0	18.6
HC Emissions (g)	1	34	1	4	43	1	2	0	2	0	0	0
CO Emissions (g)	37	1079	95	205	1674	64	127	8	99	17	7	13
NOx Emissions (g)	3	127	9	19	188	5	10	1	8	1	1	1
Vehicles Entered	35	1105	183	137	1130	35	143	11	139	22	16	52
Vehicles Exited	34	1110	183	137	1120	35	142	11	139	22	16	53
Hourly Exit Rate	34	1110	183	137	1120	35	142	11	139	22	16	53
Input Volume	40	1257	210	150	1162	40	145	10	140	25	15	50
% of Volume	86	88	87	91	96	88	98	107	99	87	105	106
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	26.4
Total Del/Veh (s)	31.3
Stop Delay (hr)	19.5
Stop Del/Veh (s)	23.0
Total Stops	2370
Stop/Veh	0.78
Travel Dist (mi)	330.2
Travel Time (hr)	38.5
Avg Speed (mph)	9
Fuel Used (gal)	17.0
Fuel Eff. (mpg)	19.4
HC Emissions (g)	88
CO Emissions (g)	3427
NOx Emissions (g)	375
Vehicles Entered	3008
Vehicles Exited	3002
Hourly Exit Rate	3002
Input Volume	3244
% of Volume	93
Denied Entry Before	0

7: US Route 1 & Shop Rite Driveway Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.9	0.5	1.5
Denied Del/Veh (s)	0.1	0.0	0.1	0.1	9.4	10.4	1.6
Total Delay (hr)	1.3	2.0	6.4	0.6	5.1	1.3	16.7
Total Del/Veh (s)	24.5	6.5	20.0	7.3	52.8	25.4	18.3
Stop Delay (hr)	1.0	0.6	4.2	0.2	4.8	1.3	12.1
Stop Del/Veh (s)	20.0	1.9	13.0	2.0	50.3	25.5	13.3
Total Stops	158	206	381	57	284	144	1230
Stop/Veh	0.85	0.19	0.33	0.19	0.82	0.79	0.38
Travel Dist (mi)	24.6	147.0	171.1	44.7	11.0	5.9	404.4
Travel Time (hr)	2.2	7.1	12.2	2.4	6.5	2.2	32.5
Avg Speed (mph)	11	21	14	19	2	4	13
Fuel Used (gal)	1.2	6.5	7.5	1.6	1.9	0.6	19.3
Fuel Eff. (mpg)	20.4	22.6	22.8	27.1	5.9	9.7	20.9
HC Emissions (g)	5	50	64	8	2	1	130
CO Emissions (g)	273	1815	1892	414	151	57	4602
NOx Emissions (g)	28	219	248	40	14	6	554
Vehicles Entered	182	1091	1147	298	344	181	3243
Vehicles Exited	184	1093	1137	297	341	180	3232
Hourly Exit Rate	184	1093	1137	297	341	180	3232
Input Volume	210	1210	1188	320	350	180	3459
% of Volume	88	90	96	93	97	100	93
Denied Entry Before	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 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	0.4	0.0	0.2	0.1	0.1	2.1	5.1	1.5
Denied Del/Veh (s)	0.0	0.0	0.0	0.5	1.3	1.7	6.5	3.2	3.4	82.2	76.7	76.9
Total Delay (hr)	1.6	5.1	1.4	2.0	29.9	2.2	3.3	1.8	1.1	3.7	12.7	3.5
Total Del/Veh (s)	49.0	23.7	6.5	50.1	83.5	89.2	102.2	73.6	53.8	150.8	190.7	177.5
Stop Delay (hr)	1.5	3.9	0.0	1.8	24.2	1.9	3.2	1.6	1.0	3.5	12.0	3.4
Stop Del/Veh (s)	45.4	18.4	0.1	44.1	67.7	75.1	97.7	66.8	50.0	142.0	180.0	169.2
Total Stops	110	503	5	150	1646	117	139	94	80	126	290	88
Stop/Veh	0.92	0.66	0.01	1.02	1.28	1.30	1.18	1.09	1.11	1.43	1.21	1.22
Travel Dist (mi)	10.2	63.9	51.2	20.9	182.3	12.9	11.2	8.1	6.8	10.1	27.3	8.0
Travel Time (hr)	2.0	7.3	3.3	2.9	37.0	2.8	4.0	2.1	1.4	6.1	18.7	5.4
Avg Speed (mph)	5	9	15	7	5	5	3	4	5	2	2	2
Fuel Used (gal)	0.7	3.2	1.4	1.3	13.3	0.9	1.2	0.7	0.5	1.7	5.0	1.4
Fuel Eff. (mpg)	14.4	20.0	37.6	16.1	13.7	13.6	9.0	11.5	13.4	6.0	5.5	5.7
HC Emissions (g)	2	25	8	5	63	2	3	2	1	2	17	5
CO Emissions (g)	124	767	269	337	1990	101	194	125	94	163	555	166
NOx Emissions (g)	10	88	30	25	235	11	13	9	7	11	39	11
Vehicles Entered	118	760	772	143	1259	88	116	83	70	86	229	69
Vehicles Exited	117	752	771	143	1240	87	115	84	71	84	229	66
Hourly Exit Rate	117	752	771	143	1240	87	115	84	71	84	229	66
Input Volume	130	815	820	150	1312	90	115	80	70	90	230	70
% of Volume	90	92	94	95	94	97	100	105	101	93	99	94
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	2	0

8: Scribner Avenue & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	9.5
Denied Del/Veh (s)	9.0
Total Delay (hr)	68.4
Total Del/Veh (s)	63.8
Stop Delay (hr)	58.0
Stop Del/Veh (s)	54.1
Total Stops	3348
Stop/Veh	0.87
Travel Dist (mi)	413.0
Travel Time (hr)	93.0
Avg Speed (mph)	5
Fuel Used (gal)	31.3
Fuel Eff. (mpg)	13.2
HC Emissions (g)	135
CO Emissions (g)	4886
NOx Emissions (g)	488
Vehicles Entered	3793
Vehicles Exited	3759
Hourly Exit Rate	3759
Input Volume	3972
% of Volume	95
Denied Entry Before	2

9: I-95 Ramps/Global Gas Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.2	0.1	0.0	4.2	0.1	2.1	0.0	0.0	6.6
Denied Del/Veh (s)	0.0	0.0	0.0	2.6	0.3	0.3	22.4	16.9	23.3	0.1	0.4	7.8
Total Delay (hr)	0.1	10.0	1.2	2.8	8.0	0.4	18.0	0.2	1.8	0.1	0.8	43.4
Total Del/Veh (s)	58.5	45.0	41.5	38.9	35.8	32.8	97.6	37.8	20.6	53.4	52.5	50.8
Stop Delay (hr)	0.1	8.0	1.0	2.5	6.6	0.3	17.2	0.2	1.6	0.1	0.8	38.3
Stop Del/Veh (s)	52.0	36.0	33.1	34.8	29.7	28.9	93.1	32.3	17.9	50.9	52.1	44.9
Total Stops	9	679	92	255	548	24	595	15	254	6	49	2526
Stop/Veh	1.12	0.85	0.88	0.98	0.68	0.60	0.89	0.79	0.81	1.00	0.91	0.82
Travel Dist (mi)	1.0	113.5	15.1	39.9	122.8	6.1	64.6	1.9	31.5	0.1	1.3	397.7
Travel Time (hr)	0.2	13.9	1.8	4.4	12.2	0.6	24.6	0.4	5.2	0.1	0.9	64.3
Avg Speed (mph)	6	8	8	9	10	10	3	7	10	2	1	7
Fuel Used (gal)	0.1	6.5	0.8	1.9	5.7	0.3	7.3	0.1	1.9	0.0	0.2	24.7
Fuel Eff. (mpg)	15.6	17.6	19.1	21.4	21.5	23.0	8.9	15.0	16.5	6.2	5.5	16.1
HC Emissions (g)	0	29	5	20	35	1	46	0	6	0	0	143
CO Emissions (g)	9	1221	163	550	1331	45	1394	24	419	2	15	5174
NOx Emissions (g)	1	140	19	56	122	4	113	2	29	0	1	487
Vehicles Entered	7	776	102	256	795	39	655	19	312	6	54	3021
Vehicles Exited	7	792	105	256	788	39	622	19	308	6	54	2996
Hourly Exit Rate	7	792	105	256	788	39	622	19	308	6	54	2996
Input Volume	7	836	110	250	790	42	680	23	330	8	54	3130
% of Volume	97	95	96	102	100	93	91	84	93	77	100	96
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

101: Costco Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.6	296.4	51.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	348.5
Denied Del/Veh (s)	523.8	776.1	760.2	0.0	0.0	0.0	3.5	0.2	0.2	0.2	0.1	374.2
Total Delay (hr)	0.0	20.3	4.6	4.1	1.4	0.0	1.7	1.0	0.4	0.0	0.0	33.7
Total Del/Veh (s)	53.9	85.0	106.2	100.5	4.7	4.1	31.4	16.9	43.8	25.1	9.0	43.8
Stop Delay (hr)	0.0	18.2	4.3	3.9	0.6	0.0	1.5	1.0	0.4	0.0	0.0	30.1
Stop Del/Veh (s)	46.5	76.2	101.0	97.1	2.0	1.8	28.5	16.3	42.6	22.5	9.3	39.2
Total Stops	3	864	104	157	162	8	164	184	32	2	5	1685
Stop/Veh	1.50	1.00	0.67	1.08	0.15	0.19	0.85	0.84	0.89	0.67	0.83	0.61
Travel Dist (mi)	0.2	83.3	14.8	16.2	124.7	4.8	8.1	9.7	0.9	0.1	0.1	262.9
Travel Time (hr)	0.6	319.6	56.5	4.7	5.9	0.3	2.2	1.6	0.5	0.0	0.0	391.9
Avg Speed (mph)	4	4	3	3	21	19	4	6	2	4	6	6
Fuel Used (gal)	0.1	75.7	13.2	1.6	6.1	0.2	0.8	0.5	0.1	0.0	0.0	98.3
Fuel Eff. (mpg)	1.0	1.1	1.1	10.4	20.5	23.2	10.7	17.7	6.9	11.8	22.2	2.7
HC Emissions (g)	0	213	50	7	52	2	4	4	1	0	0	334
CO Emissions (g)	8	6713	1266	301	2223	71	142	135	16	1	1	10876
NOx Emissions (g)	0	287	50	24	218	7	15	14	2	0	0	618
Vehicles Entered	2	844	150	142	1101	42	187	215	35	3	6	2727
Vehicles Exited	2	841	151	143	1101	42	188	215	35	3	6	2727
Hourly Exit Rate	2	841	151	143	1101	42	188	215	35	3	6	2727
Input Volume	3	1284	234	152	1209	45	185	220	36	3	4	3376
% of Volume	67	65	65	94	91	93	101	98	97	100	150	81
Denied Entry Before	0	80	14	0	0	0	0	0	0	0	0	94

102: Pure Hockey Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.2	22.4	22.7
Denied Del/Veh (s)	0.1	0.1	0.1	0.0	1.3	2.9	293.9	29.9
Total Delay (hr)	0.1	1.4	0.3	1.5	0.4	1.3	3.8	8.8
Total Del/Veh (s)	20.1	6.1	5.0	5.8	5.6	21.1	58.5	11.7
Stop Delay (hr)	0.1	0.1	0.0	0.5	0.2	1.3	4.1	6.2
Stop Del/Veh (s)	17.7	0.3	0.3	1.8	2.4	22.0	62.2	8.2
Total Stops	10	56	12	97	26	178	20	399
Stop/Veh	0.67	0.07	0.05	0.10	0.11	0.82	0.09	0.15
Travel Dist (mi)	1.2	68.0	18.9	42.8	10.1	4.9	4.0	149.9
Travel Time (hr)	0.1	3.9	1.2	3.0	1.0	1.8	26.5	37.4
Avg Speed (mph)	9	18	16	14	11	3	1	10
Fuel Used (gal)	0.1	3.3	0.8	2.3	0.5	0.5	6.2	13.7
Fuel Eff. (mpg)	18.2	20.7	22.9	18.3	21.2	9.9	0.6	11.0
HC Emissions (g)	0	22	3	14	12	0	0	52
CO Emissions (g)	19	935	177	646	210	42	312	2340
NOx Emissions (g)	2	103	21	73	28	5	4	234
Vehicles Entered	15	830	228	930	235	217	231	2686
Vehicles Exited	14	831	228	930	235	217	230	2685
Hourly Exit Rate	14	831	228	930	235	217	230	2685
Input Volume	20	1146	308	966	240	220	273	3174
% of Volume	71	72	74	96	98	99	84	85
Denied Entry Before	0	0	0	0	0	0	3	3

103: US Route 1 & Home Depot Driveway Performance by movement

Movement	EBT	EBR	WBT	WBR	SER	NWL	NWR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	12.0	0.0	0.1	12.1
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	99.1	3.4	9.1	17.2
Total Delay (hr)	1.5	0.3	0.5	0.0	4.6	0.2	0.3	7.3
Total Del/Veh (s)	5.5	5.6	2.1	1.1	39.4	49.1	44.3	10.6
Stop Delay (hr)	0.9	0.1	0.0	0.0	4.8	0.2	0.3	6.3
Stop Del/Veh (s)	3.0	2.3	0.2	0.1	41.1	47.1	42.2	9.0
Total Stops	122	25	7	0	68	16	22	260
Stop/Veh	0.12	0.14	0.01	0.00	0.16	1.00	1.00	0.10
Travel Dist (mi)	73.7	12.6	44.8	4.6	9.5	0.3	0.4	145.9
Travel Time (hr)	4.2	0.7	2.1	0.2	16.9	0.2	0.3	24.7
Avg Speed (mph)	18	17	21	24	2	1	1	12
Fuel Used (gal)	3.3	0.6	2.4	0.3	4.1	0.1	0.1	10.8
Fuel Eff. (mpg)	22.1	20.7	18.8	16.3	2.3	4.9	4.8	13.5
HC Emissions (g)	34	6	23	4	12	0	0	79
CO Emissions (g)	1325	224	912	160	375	3	4	3003
NOx Emissions (g)	128	24	101	13	17	0	0	283
Vehicles Entered	1014	172	782	78	414	16	22	2498
Vehicles Exited	1010	172	781	78	412	16	21	2490
Hourly Exit Rate	1010	172	781	78	412	16	21	2490
Input Volume	1247	205	810	80	430	16	20	2808
% of Volume	81	84	96	97	96	98	106	89
Denied Entry Before	0	0	0	0	1	0	0	1

104: Twin Towers Office Driveway & US Route 1 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)	0.0	0.0	0.0	0.0	0.5	1.4	0.0
Total Delay (hr)	6.4	0.0	0.3	0.7	0.1	0.1	7.7
Total Del/Veh (s)	19.1	14.8	33.7	2.3	30.9	32.8	11.4
Stop Delay (hr)	2.8	0.0	0.3	0.1	0.1	0.1	3.4
Stop Del/Veh (s)	8.2	5.5	31.3	0.4	29.1	32.4	5.0
Total Stops	650	2	33	49	9	10	753
Stop/Veh	0.54	0.25	0.89	0.04	0.90	1.00	0.31
Travel Dist (mi)	193.4	1.3	2.8	91.2	0.5	0.6	289.8
Travel Time (hr)	13.3	0.1	0.5	3.8	0.1	0.1	17.9
Avg Speed (mph)	15	16	6	24	5	5	16
Fuel Used (gal)	9.6	0.1	0.2	4.4	0.0	0.0	14.3
Fuel Eff. (mpg)	20.2	21.8	18.1	20.7	17.2	16.6	20.3
HC Emissions (g)	76	0	0	56	0	0	133
CO Emissions (g)	2806	15	28	1833	3	4	4689
NOx Emissions (g)	318	2	2	210	0	0	532
Vehicles Entered	1200	8	36	1168	10	10	2432
Vehicles Exited	1199	8	36	1167	10	10	2430
Hourly Exit Rate	1199	8	36	1167	10	10	2430
Input Volume	1390	10	40	1209	10	10	2670
% of Volume	86	78	90	97	98	98	91
Denied Entry Before	0	0	0	0	0	0	0

105: US Route 1 & Kohl's Driveway Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	1.6	0.1	0.5	0.6	0.2
Total Delay (hr)	0.1	1.4	0.2	7.0	0.4	0.1	0.6	0.1	9.8
Total Del/Veh (s)	29.5	4.2	38.3	20.5	15.2	14.2	27.9	23.4	13.3
Stop Delay (hr)	0.1	0.6	0.2	3.6	0.1	0.1	0.6	0.1	5.4
Stop Del/Veh (s)	27.3	1.8	34.1	10.7	6.2	14.1	26.2	23.3	7.3
Total Stops	7	176	19	827	47	26	69	9	1180
Stop/Veh	0.88	0.15	1.00	0.68	0.54	0.84	0.83	0.82	0.44
Travel Dist (mi)	0.6	94.6	1.9	122.3	8.6	0.7	2.1	0.3	231.1
Travel Time (hr)	0.1	4.6	0.3	11.3	0.8	0.2	0.8	0.1	18.0
Avg Speed (mph)	7	21	7	11	12	4	3	3	13
Fuel Used (gal)	0.0	4.3	0.1	6.8	0.4	0.0	0.2	0.0	12.0
Fuel Eff. (mpg)	19.4	22.1	16.1	17.9	20.5	16.1	9.8	12.4	19.3
HC Emissions (g)	0	52	0	51	5	0	1	0	109
CO Emissions (g)	6	1869	27	1710	120	5	34	2	3774
NOx Emissions (g)	0	188	2	209	15	1	4	0	419
Vehicles Entered	8	1187	19	1211	86	31	82	11	2635
Vehicles Exited	8	1187	19	1210	85	31	82	11	2633
Hourly Exit Rate	8	1187	19	1210	85	31	82	11	2633
Input Volume	10	1373	20	1255	86	30	81	10	2865
% of Volume	78	86	96	96	99	103	101	107	92
Denied Entry Before	0	0	0	0	0	0	0	0	0

106: Stop & Shop Driveway/Best Buy Driveway & US Route 1 Performance by movement

Movement	EBT	WBT	NBL	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	0.6	0.2	0.1
Total Delay (hr)	2.4	6.7	0.0	0.5	1.7	0.2	11.5
Total Del/Veh (s)	5.8	17.0	41.3	36.5	44.4	35.9	13.4
Stop Delay (hr)	1.0	4.0	0.0	0.5	1.6	0.2	7.4
Stop Del/Veh (s)	2.5	10.2	39.7	35.9	42.3	35.6	8.6
Total Stops	268	766	2	47	115	16	1214
Stop/Veh	0.18	0.54	1.00	0.87	0.85	0.80	0.39
Travel Dist (mi)	220.1	129.1	0.1	1.6	3.6	0.5	355.1
Travel Time (hr)	10.0	11.3	0.0	0.6	1.9	0.2	24.1
Avg Speed (mph)	22	11	3	3	2	2	15
Fuel Used (gal)	8.1	7.1	0.0	0.2	0.5	0.1	15.9
Fuel Eff. (mpg)	27.2	18.3	10.5	9.5	6.7	9.1	22.3
HC Emissions (g)	65	54	0	1	3	0	123
CO Emissions (g)	2042	1729	0	24	73	4	3872
NOx Emissions (g)	247	230	0	2	8	0	487
Vehicles Entered	1453	1416	2	53	136	20	3080
Vehicles Exited	1462	1426	2	53	134	20	3097
Hourly Exit Rate	1462	1426	2	53	134	20	3097
Input Volume	1579	1490	2	50	133	20	3274
% of Volume	93	96	100	105	101	101	95
Denied Entry Before	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	517.9
Denied Del/Veh (s)	193.0
Total Delay (hr)	343.2
Total Del/Veh (s)	134.8
Stop Delay (hr)	280.6
Stop Del/Veh (s)	110.2
Total Stops	21861
Stop/Veh	2.38
Travel Dist (mi)	4478.5
Travel Time (hr)	1026.2
Avg Speed (mph)	9
Fuel Used (gal)	375.6
Fuel Eff. (mpg)	11.9
HC Emissions (g)	2004
CO Emissions (g)	75257
NOx Emissions (g)	7064
Vehicles Entered	8702
Vehicles Exited	8597
Hourly Exit Rate	8597
Input Volume	51154
% of Volume	17
Denied Entry Before	131

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Richards Ave	3	58.8	75.0	0.1	6	5	63.5
Total		58.8	75.0	0.1	6	5	63.5

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Richards Ave	6	56.9	6	59.7	6	55.0	5
Total	6	56.9	6	59.7	6	55.0	5

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Richards Ave	69.0	6	54.3	6	60.2	6	54.4
Total	69.0	6	54.3	6	60.2	6	54.4

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Richards Ave	6	55.5	6	61.2
Total	6	55.5	6	61.2

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
	101	3.5	17.2	0.1	24	23	4.0
Total		3.5	17.2	0.1	24	23	4.0

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
	24	3.6	24	3.1	24	3.3	24
Total	24	3.6	24	3.1	24	3.3	24

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
	3.4	24	3.1	24	3.2	24	3.4
Total	3.4	24	3.1	24	3.2	24	3.4

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
	24	3.3	23	4.3
Total	24	3.3	23	4.3

Arterial Level of Service: EB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Pure Hockey Driveway	102	6.9	16.9	0.1	17	17	6.8
Liquidators Driveway	4	6.2	12.6	0.1	16	15	6.6
	103	5.8	14.6	0.1	18	18	5.7
Keeler Ave	5	21.5	27.5	0.1	7	7	22.7
Twin Towers Office D	104	20.8	40.2	0.2	14	15	19.4
	105	4.2	13.8	0.1	21	21	3.9
Rampart Road	6	23.6	35.7	0.1	10	10	23.7
Shop Rite Driveway	7	6.8	23.0	0.1	21	21	7.2
Stop & Shop Driveway	106	6.7	24.8	0.2	22	23	6.2
Scribner Avenue	8	20.2	30.3	0.1	11	10	21.4
I-95 Ramps	9	50.3	67.5	0.1	8	8	50.5
Total		173.0	306.8	1.1	13	13	174.1

Arterial Level of Service: EB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Pure Hockey Driveway	17	6.6	17	6.7	17	7.0	17
Liquidators Driveway	16	6.0	17	5.5	16	5.9	17
	18	5.8	23	3.0	22	3.1	21
Keeler Ave	7	22.8	8	19.3	8	19.4	7
Twin Towers Office D	14	21.5	16	15.8	16	16.8	16
	20	4.7	22	3.3	22	3.3	21
Rampart Road	9	28.0	10	25.7	12	19.8	12
Shop Rite Driveway	21	7.3	21	7.0	21	6.7	21
Stop & Shop Driveway	22	6.9	23	5.8	22	6.8	22
Scribner Avenue	12	18.3	11	19.1	11	20.0	11
I-95 Ramps	7	53.5	8	49.7	8	52.1	7
Total	13	181.4	14	160.8	14	160.9	14

Arterial Level of Service: EB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Pure Hockey Driveway	6.7	17	7.0	18	6.3	17	7.1
Liquidators Driveway	5.7	16	6.1	16	6.1	17	5.5
	4.0	21	3.6	22	3.3	18	5.6
Keeler Ave	21.2	7	20.5	7	20.6	7	21.4
Twin Towers Office D	15.8	15	19.1	14	21.7	14	22.8
	4.3	21	4.1	18	6.0	22	3.5
Rampart Road	18.8	11	21.2	9	30.4	12	18.3
Shop Rite Driveway	6.7	22	6.4	22	6.8	22	6.5
Stop & Shop Driveway	6.7	22	6.6	22	7.4	22	6.5
Scribner Avenue	19.3	11	21.0	10	21.4	11	19.9
I-95 Ramps	53.0	8	45.6	8	51.4	8	49.1
Total	162.2	14	161.2	13	181.3	14	166.3

Arterial Level of Service: EB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Pure Hockey Driveway	17	7.0	16	7.6
Liquidators Driveway	16	6.4	14	8.3
	18	5.6	10	18.4
Keeler Ave	6	24.3	7	22.8
Twin Towers Office D	12	30.6	14	23.5
	21	4.2	20	4.3
Rampart Road	11	20.0	9	30.0
Shop Rite Driveway	21	6.8	21	6.8
Stop & Shop Driveway	22	7.0	22	7.2
Scribner Avenue	11	19.5	10	21.5
I-95 Ramps	8	47.9	8	50.3
Total	13	179.5	12	200.8

Arterial Level of Service: WB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Global Gas Driveway	9	35.8	54.6	0.2	11	12	29.4
Scribner Avenue	8	84.4	103.6	0.1	5	5	92.2
Best Buy Driveway	106	18.5	29.4	0.1	11	12	17.3
Shop Rite Driveway	7	19.7	37.7	0.2	15	19	11.3
Driveway	6	38.6	54.9	0.1	9	11	29.9
Kohl's Driveway	105	20.6	32.9	0.1	11	12	18.8
Twin Towers Office D	104	2.3	11.7	0.1	24	26	1.7
	5	16.6	34.7	0.2	17	17	15.5
Home Depot Driveway	103	2.3	9.4	0.1	21	21	2.2
Walmart Driveway	4	21.6	30.2	0.1	9	9	21.2
Walmart Driveway	102	5.8	11.4	0.1	18	18	5.6
	3	35.2	45.2	0.1	6	6	35.5
Total		301.4	455.8	1.3	10	11	280.8

Arterial Level of Service: WB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Global Gas Driveway	7	64.8	10	41.8	14	25.3	10
Scribner Avenue	4	109.8	6	69.6	5	87.5	4
Best Buy Driveway	8	30.8	12	16.0	12	17.3	11
Shop Rite Driveway	5	96.0	19	11.0	18	13.0	19
Driveway	5	91.6	9	38.1	7	50.1	10
Kohl's Driveway	11	20.7	11	21.5	11	22.4	11
Twin Towers Office D	24	2.2	25	2.2	24	2.4	25
	16	17.9	17	16.6	15	19.9	17
Home Depot Driveway	21	2.3	21	2.3	20	2.5	20
Walmart Driveway	9	20.4	9	22.1	9	20.8	8
Walmart Driveway	18	5.3	18	5.8	19	5.1	18
	7	33.1	6	36.6	7	33.9	7
Total	7	494.8	11	283.6	10	300.1	10

Arterial Level of Service: WB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Global Gas Driveway	40.8	15	20.6	10	38.6	7	63.1
Scribner Avenue	102.2	6	69.1	5	78.8	5	90.9
Best Buy Driveway	17.9	12	16.7	11	17.7	12	17.2
Shop Rite Driveway	10.5	19	11.1	19	11.0	18	11.9
Driveway	31.7	13	22.2	11	28.8	12	24.5
Kohl's Driveway	22.8	12	17.6	11	20.9	13	16.8
Twin Towers Office D	2.0	24	2.3	25	2.0	24	2.5
	16.3	17	16.1	17	16.7	17	16.3
Home Depot Driveway	2.4	21	2.2	20	2.4	20	2.5
Walmart Driveway	23.2	9	20.6	9	22.1	9	20.8
Walmart Driveway	5.4	19	5.1	16	6.8	18	5.6
	33.2	7	33.7	6	37.1	7	32.7
Total	308.4	12	237.0	11	283.0	10	304.9

Arterial Level of Service: WB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Global Gas Driveway	16	17.9	19	12.4
Scribner Avenue	6	77.8	7	63.0
Best Buy Driveway	12	17.5	12	15.9
Shop Rite Driveway	19	10.3	18	12.5
Driveway	12	23.5	8	44.5
Kohl's Driveway	12	18.4	10	25.8
Twin Towers Office D	24	2.3	23	3.1
	17	15.6	17	15.3
Home Depot Driveway	21	2.1	21	2.3
Walmart Driveway	8	22.5	9	22.1
Walmart Driveway	17	6.4	16	6.8
	6	37.6	6	38.8
Total	12	251.9	11	262.4

Intersection: 3: Richards Ave & Connecticut Avenue/US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	T	R
Maximum Queue (ft)	438	498	527	260	341	356	100	194	243	185	234	185
Average Queue (ft)	229	393	446	84	241	309	68	88	107	181	219	73
95th Queue (ft)	484	577	569	207	371	369	135	169	204	201	262	190
Link Distance (ft)	488	488	488		308	308			263		209	
Upstream Blk Time (%)	6	2	10		2	15			2		75	
Queuing Penalty (veh)	32	9	50		14	92			0		0	
Storage Bay Dist (ft)				210			75	163		135		135
Storage Blk Time (%)				0	11	51	1	4	2	95	2	2
Queuing Penalty (veh)				1	13	66	3	9	3	340	8	6

Intersection: 4: Liquidators Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	103	170	190	115	318	348	45	85	205	124
Average Queue (ft)	47	65	96	21	189	275	11	33	109	37
95th Queue (ft)	89	144	172	67	326	354	36	68	190	89
Link Distance (ft)	159	159	159		317	317		214	203	203
Upstream Blk Time (%)		0	1		0	2			3	0
Queuing Penalty (veh)		1	4		1	13			0	0
Storage Bay Dist (ft)				50			150			
Storage Blk Time (%)				2	22					
Queuing Penalty (veh)				12	4					

Intersection: 5: Keeler Ave & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	L	TR
Maximum Queue (ft)	186	209	242	448	224	261	159	458	175	180	215	203
Average Queue (ft)	102	147	184	233	73	122	62	328	162	65	123	66
95th Queue (ft)	184	222	239	511	194	210	113	594	213	168	199	153
Link Distance (ft)	184	184	184	728	728	728		433				439
Upstream Blk Time (%)	5	2	12	1				47				0
Queuing Penalty (veh)	21	10	50	2				0				0
Storage Bay Dist (ft)							210		150	190	190	
Storage Blk Time (%)						0		1	72	0	1	1
Queuing Penalty (veh)						2		2	58	0	2	1

Intersection: 6: Rampart Road/Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	TR
Maximum Queue (ft)	194	420	464	256	562	615	345	153	156	96	87
Average Queue (ft)	36	199	242	105	298	388	75	78	63	36	32
95th Queue (ft)	115	368	411	222	620	661	293	132	120	89	66
Link Distance (ft)		468	468		654	654			330	190	190
Upstream Blk Time (%)		0	1		1	3					
Queuing Penalty (veh)		2	4		8	19					
Storage Bay Dist (ft)	200			200			230	120			
Storage Blk Time (%)		8		0	5	34		3	1		
Queuing Penalty (veh)		3		1	8	14		4	2		

Intersection: 7: US Route 1 & Shop Rite Driveway

Movement	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	T	R	L	L	R
Maximum Queue (ft)	188	190	232	282	336	124	175	177	153
Average Queue (ft)	86	62	100	128	167	60	114	121	74
95th Queue (ft)	149	150	211	400	436	266	185	197	143
Link Distance (ft)		654	654	728	728		162	162	162
Upstream Blk Time (%)				1	1		7	11	4
Queuing Penalty (veh)				6	10		0	0	0
Storage Bay Dist (ft)	315					460			
Storage Blk Time (%)					5	0			
Queuing Penalty (veh)					17	0			

Intersection: 8: Scribner Avenue & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	T	L	T	TR	L	TR	L	TR
Maximum Queue (ft)	192	285	293	640	705	698	130	410	244	669
Average Queue (ft)	77	161	180	231	570	581	93	161	167	524
95th Queue (ft)	146	256	270	617	784	779	153	376	324	823
Link Distance (ft)		374	374		675	675		501		629
Upstream Blk Time (%)			0		7	9		3		47
Queuing Penalty (veh)			0		58	73		0		0
Storage Bay Dist (ft)	230			540			90		144	
Storage Blk Time (%)		1			27		34	20	1	75
Queuing Penalty (veh)		2			41		51	24	4	68

Intersection: 9: I-95 Ramps/Global Gas Driveway & US Route 1

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	TR	L	T	TR	L	L	TR	LT	R
Maximum Queue (ft)	364	385	368	502	464	540	532	509	31	114
Average Queue (ft)	252	271	151	194	197	318	305	195	6	44
95th Queue (ft)	349	372	328	445	438	581	569	487	24	91
Link Distance (ft)	675	675		814	814	532	532	532	117	117
Upstream Blk Time (%)				0	0	14	18	9		1
Queuing Penalty (veh)				0	0	0	0	0		0
Storage Bay Dist (ft)			550							
Storage Blk Time (%)				2						
Queuing Penalty (veh)				5						

Intersection: 101: Costco Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	R	L	TR
Maximum Queue (ft)	24	564	564	272	161	161	94	212	143	90	21
Average Queue (ft)	1	535	537	135	52	61	75	62	50	25	3
95th Queue (ft)	15	550	554	283	127	119	108	166	109	63	15
Link Distance (ft)		516	516	488	488	488		220	220	121	121
Upstream Blk Time (%)		68	90					1	0	0	
Queuing Penalty (veh)		0	0					0	0	0	
Storage Bay Dist (ft)	65						70				
Storage Blk Time (%)		20					24	1			
Queuing Penalty (veh)		1					27	1			

Intersection: 102: Pure Hockey Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	34	24	229	155	183	132	104
Average Queue (ft)	8	0	24	17	65	83	102
95th Queue (ft)	28	9	116	88	166	139	114
Link Distance (ft)		308	308	159	159	117	89
Upstream Blk Time (%)			0	0	3	10	90
Queuing Penalty (veh)			0	1	16	0	0
Storage Bay Dist (ft)	50						
Storage Blk Time (%)	0	0					
Queuing Penalty (veh)	2	0					

Intersection: 103: US Route 1 & Home Depot Driveway

Movement	EB	EB	EB	WB	WB	SE	NW	NW
Directions Served	T	T	TR	T	T	R	L	R
Maximum Queue (ft)	65	194	265	13	76	166	65	57
Average Queue (ft)	12	31	67	0	5	129	16	20
95th Queue (ft)	89	153	211	9	36	160	48	52
Link Distance (ft)		317	317	184	184	111	94	94
Upstream Blk Time (%)		1	0			79		2
Queuing Penalty (veh)		9	1			0		0
Storage Bay Dist (ft)	195							
Storage Blk Time (%)	3	0						
Queuing Penalty (veh)	11	0						

Intersection: 104: Twin Towers Office Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	T	T	R	L	T	T	L	LR	R
Maximum Queue (ft)	535	600	175	82	92	162	18	58	31
Average Queue (ft)	161	271	12	30	10	31	1	14	3
95th Queue (ft)	458	567	98	67	48	108	10	42	19
Link Distance (ft)	728	728		344	344	344		280	
Upstream Blk Time (%)	0	0				0			
Queuing Penalty (veh)	0	1				0			
Storage Bay Dist (ft)			175				75		75
Storage Blk Time (%)		14						0	
Queuing Penalty (veh)		1						0	

Intersection: 105: US Route 1 & Kohl's Driveway

Movement	EB	EB	EB	WB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	T	L	T	T	R	R	L	R
Maximum Queue (ft)	43	174	194	99	467	497	205	70	118	42
Average Queue (ft)	8	50	68	19	141	342	81	22	51	9
95th Queue (ft)	30	115	147	64	412	538	242	54	98	32
Link Distance (ft)	344	344	344		468	468		118	134	134
Upstream Blk Time (%)					0	2			0	
Queuing Penalty (veh)					1	11			0	
Storage Bay Dist (ft)				165			90			
Storage Blk Time (%)					1	26				
Queuing Penalty (veh)					0	22				

Intersection: 106: Stop & Shop Driveway/Best Buy Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	NB	NB	SB	SB
Directions Served	T	T	T	T	T	LT	R	LT	R
Maximum Queue (ft)	139	171	224	313	328	28	111	154	57
Average Queue (ft)	45	51	86	220	262	2	42	97	17
95th Queue (ft)	109	124	188	320	336	14	88	154	48
Link Distance (ft)	728	728		374	374	163	163	140	140
Upstream Blk Time (%)				1	1		0	4	
Queuing Penalty (veh)				4	6		0	0	
Storage Bay Dist (ft)			300						
Storage Blk Time (%)			0	8					
Queuing Penalty (veh)			0	0					

Network Summary

Network wide Queuing Penalty: 1368

Attachment B
ATCS Simulation Reports

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	7:30	7:30	7:30	7:30	7:30	7:30	7:30
End Time	9:00	9:00	9:00	9:00	9:00	9:00	9:00
Total Time (min)	90	90	90	90	90	90	90
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4	4	4	4
Vehs Entered	5243	5504	5417	5319	5315	5464	5433
Vehs Exited	5238	5523	5444	5313	5349	5496	5409
Starting Vehs	177	205	195	199	216	194	177
Ending Vehs	182	186	168	205	182	162	201
Denied Entry Before	0	0	0	0	7	6	0
Travel Distance (mi)	2846	2972	2892	2889	2846	3015	2926
Travel Time (hr)	199.1	214.7	204.7	207.0	207.7	220.0	214.9
Total Delay (hr)	95.9	107.0	99.4	102.1	104.2	110.7	108.4
Total Stops	8397	8862	8641	8525	8460	8985	9000
Fuel Used (gal)	130.2	137.8	133.0	133.0	131.9	140.0	136.9

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	7:30	7:30	7:30	7:30
End Time	9:00	9:00	9:00	9:00
Total Time (min)	90	90	90	90
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4
Vehs Entered	5305	5403	5397	5376
Vehs Exited	5333	5433	5393	5394
Starting Vehs	190	235	187	193
Ending Vehs	162	205	191	179
Denied Entry Before	3	1	0	1
Travel Distance (mi)	2928	2906	2919	2914
Travel Time (hr)	205.1	206.9	201.0	208.1
Total Delay (hr)	98.8	101.1	94.9	102.3
Total Stops	8563	8546	8509	8646
Fuel Used (gal)	133.7	133.3	133.3	134.3

Interval #0 Information Seeding

Start Time	7:30
End Time	8:00
Total Time (min)	30
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

Start Time	8:00
End Time	8:15
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1255	1300	1297	1263	1247	1329	1284
Vehs Exited	1241	1308	1299	1285	1282	1324	1267
Starting Vehs	177	205	195	199	216	194	177
Ending Vehs	191	197	193	177	181	199	194
Denied Entry Before	0	0	0	0	7	6	0
Travel Distance (mi)	686	741	697	688	678	753	694
Travel Time (hr)	45.7	49.2	47.9	46.5	47.8	52.9	50.3
Total Delay (hr)	20.9	22.4	22.5	21.5	23.1	25.5	25.1
Total Stops	1956	2074	2026	1920	1958	2174	2084
Fuel Used (gal)	30.7	33.1	31.7	30.6	30.9	34.3	32.5

Interval #1 Information Recording

Start Time	8:00
End Time	8:15
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1274	1305	1261	1274
Vehs Exited	1272	1318	1264	1285
Starting Vehs	190	235	187	193
Ending Vehs	192	222	184	186
Denied Entry Before	3	1	0	1
Travel Distance (mi)	742	716	697	709
Travel Time (hr)	50.1	51.4	45.4	48.7
Total Delay (hr)	23.4	25.3	20.2	23.0
Total Stops	2114	2143	2007	2041
Fuel Used (gal)	33.7	32.9	31.5	32.2

Interval #2 Information Recording

Start Time	8:15
End Time	8:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1273	1287	1352	1195	1255	1315	1328
Vehs Exited	1271	1285	1332	1187	1230	1288	1345
Starting Vehs	191	197	193	177	181	199	194
Ending Vehs	193	199	213	185	206	226	177
Denied Entry Before	1	0	2	0	4	1	1
Travel Distance (mi)	694	707	717	656	676	743	742
Travel Time (hr)	49.3	48.7	50.0	42.4	45.8	51.6	53.3
Total Delay (hr)	24.2	23.1	23.9	18.6	21.3	24.8	26.4
Total Stops	2072	2069	2144	1717	1955	2111	2201
Fuel Used (gal)	32.1	31.9	32.6	29.0	30.8	33.9	34.3

Interval #2 Information Recording

Start Time	8:15
End Time	8:30
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1220	1262	1292	1274
Vehs Exited	1241	1296	1305	1277
Starting Vehs	192	222	184	186
Ending Vehs	171	188	171	186
Denied Entry Before	0	1	5	0
Travel Distance (mi)	688	710	702	704
Travel Time (hr)	46.6	47.9	45.8	48.1
Total Delay (hr)	21.6	22.1	20.2	22.6
Total Stops	1954	2084	1935	2023
Fuel Used (gal)	31.0	32.1	31.2	31.9

Interval #3 Information Recording

Start Time	8:30
End Time	8:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1497	1549	1480	1543	1508	1552	1546
Vehs Exited	1445	1521	1447	1462	1452	1512	1483
Starting Vehs	193	199	213	185	206	226	177
Ending Vehs	245	227	246	266	262	266	240
Denied Entry Before	2	3	1	1	3	2	1
Travel Distance (mi)	770	791	763	801	758	796	780
Travel Time (hr)	54.5	63.3	54.6	60.4	61.6	61.9	60.0
Total Delay (hr)	26.4	34.5	26.9	31.3	34.0	33.0	31.6
Total Stops	2323	2532	2310	2495	2404	2528	2564
Fuel Used (gal)	35.4	38.5	35.5	37.8	36.7	37.9	37.0

Interval #3 Information Recording

Start Time	8:30
End Time	8:45
Total Time (min)	15
Volumes adjusted by PHF, Growth Factors.	

Run Number	7	8	9	Avg
Vehs Entered	1561	1515	1566	1529
Vehs Exited	1483	1478	1496	1480
Starting Vehs	171	188	171	186
Ending Vehs	249	225	241	241
Denied Entry Before	2	1	1	0
Travel Distance (mi)	799	754	771	778
Travel Time (hr)	60.1	55.4	56.7	58.9
Total Delay (hr)	31.0	27.9	28.6	30.5
Total Stops	2548	2270	2427	2440
Fuel Used (gal)	37.3	35.0	36.1	36.7

Interval #4 Information Recording

Start Time	8:45
End Time	9:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	1	10	2	3	4	5	6
Vehs Entered	1218	1368	1288	1318	1305	1268	1275
Vehs Exited	1281	1409	1366	1379	1385	1372	1314
Starting Vehs	245	227	246	266	262	266	240
Ending Vehs	182	186	168	205	182	162	201
Denied Entry Before	2	30	3	1	0	10	1
Travel Distance (mi)	696	732	715	744	733	723	710
Travel Time (hr)	49.6	53.5	52.1	57.8	52.4	53.6	51.2
Total Delay (hr)	24.4	27.0	26.1	30.7	25.8	27.3	25.4
Total Stops	2046	2187	2161	2393	2143	2172	2151
Fuel Used (gal)	32.1	34.3	33.3	35.6	33.5	33.9	33.1

Interval #4 Information Recording

Start Time	8:45
End Time	9:00
Total Time (min)	15
Volumes adjusted by Growth Factors, Anti PHF.	

Run Number	7	8	9	Avg
Vehs Entered	1250	1321	1278	1288
Vehs Exited	1337	1341	1328	1350
Starting Vehs	249	225	241	241
Ending Vehs	162	205	191	179
Denied Entry Before	3	10	1	5
Travel Distance (mi)	699	726	750	723
Travel Time (hr)	48.3	52.2	53.0	52.4
Total Delay (hr)	22.9	25.8	25.9	26.1
Total Stops	1947	2049	2140	2139
Fuel Used (gal)	31.7	33.3	34.6	33.5

3: Richards Ave & Connecticut Avenue/US Route 1 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	0.1	0.0	0.0	0.3	0.3	0.6
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.5	3.8	0.2	0.3	11.4	9.6	8.5
Total Delay (hr)	2.0	1.2	0.1	0.8	5.8	0.4	1.1	1.0	0.2	1.1	1.6	2.6
Total Del/Veh (s)	62.0	10.2	4.1	51.5	25.3	23.6	45.0	43.1	24.2	48.4	55.9	35.4
Stop Delay (hr)	1.9	0.9	0.0	0.7	4.7	0.4	1.0	0.9	0.2	1.0	1.4	2.4
Stop Del/Veh (s)	58.9	7.6	1.0	48.5	20.6	20.4	42.2	38.8	23.2	44.6	50.0	32.8
Total Stops	106	124	7	54	476	40	77	70	28	80	80	212
Stop/Veh	0.91	0.31	0.12	1.00	0.58	0.65	0.89	0.83	0.85	0.96	0.80	0.81
Travel Dist (mi)	12.8	42.3	5.7	4.4	63.7	4.7	4.5	4.5	1.8	3.6	4.4	11.6
Travel Time (hr)	2.5	2.6	0.3	1.0	8.0	0.6	1.4	1.2	0.3	1.5	2.0	3.8
Avg Speed (mph)	5	16	21	5	8	8	4	4	6	3	3	4
Fuel Used (gal)	0.9	1.8	0.2	0.3	3.3	0.2	0.5	0.4	0.1	0.5	0.6	1.2
Fuel Eff. (mpg)	15.1	23.9	31.3	14.4	19.1	20.2	9.8	11.6	15.4	7.6	8.0	10.1
HC Emissions (g)	5	22	3	2	26	5	6	2	0	6	2	1
CO Emissions (g)	162	687	90	61	746	89	155	74	23	127	69	111
NOx Emissions (g)	15	72	10	5	86	11	15	7	2	14	6	10
Vehicles Entered	113	404	60	53	814	62	86	83	33	81	98	257
Vehicles Exited	114	404	60	54	815	62	85	83	33	82	98	256
Hourly Exit Rate	114	404	60	54	815	62	85	83	33	82	98	256
Input Volume	110	396	60	55	821	60	90	80	30	80	95	260
% of Volume	104	102	100	99	99	104	94	103	110	103	103	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	1

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	1.3
Denied Del/Veh (s)	2.1
Total Delay (hr)	17.7
Total Del/Veh (s)	29.4
Stop Delay (hr)	15.5
Stop Del/Veh (s)	25.7
Total Stops	1354
Stop/Veh	0.62
Travel Dist (mi)	164.1
Travel Time (hr)	25.1
Avg Speed (mph)	7
Fuel Used (gal)	9.8
Fuel Eff. (mpg)	16.7
HC Emissions (g)	80
CO Emissions (g)	2394
NOx Emissions (g)	253
Vehicles Entered	2144
Vehicles Exited	2146
Hourly Exit Rate	2146
Input Volume	2136
% of Volume	100
Denied Entry Before	1

4: Liquidators Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.3	0.0	0.0	4.5	0.1	0.2	0.0
Total Delay (hr)	0.2	0.3	0.0	0.1	0.7	0.0	0.1	0.0	0.3	1.6
Total Del/Veh (s)	55.7	2.4	0.6	46.4	3.0	1.4	65.1	4.8	10.4	4.2
Stop Delay (hr)	0.2	0.2	0.0	0.1	0.4	0.0	0.1	0.0	0.3	1.1
Stop Del/Veh (s)	54.2	1.6	0.2	44.2	1.5	0.8	63.0	4.5	9.8	2.9
Total Stops	13	43	1	5	89	1	3	5	86	246
Stop/Veh	0.93	0.11	0.10	1.00	0.10	0.14	1.00	1.00	0.91	0.18
Travel Dist (mi)	0.7	21.0	0.5	0.3	60.7	0.5	0.1	0.2	3.6	87.7
Travel Time (hr)	0.2	1.0	0.0	0.1	2.8	0.0	0.1	0.0	0.5	4.7
Avg Speed (mph)	3	21	19	4	22	20	2	12	8	19
Fuel Used (gal)	0.1	0.9	0.0	0.0	2.0	0.0	0.0	0.0	0.1	3.1
Fuel Eff. (mpg)	11.6	23.6	35.4	15.5	30.7	38.7	7.4	44.3	24.9	27.9
HC Emissions (g)	0	7	0	0	15	0	0	0	0	22
CO Emissions (g)	4	334	5	2	413	2	3	0	19	782
NOx Emissions (g)	0	26	0	0	53	0	0	0	2	82
Vehicles Entered	14	396	10	5	846	7	3	5	95	1381
Vehicles Exited	14	397	10	5	846	7	3	5	95	1382
Hourly Exit Rate	14	397	10	5	846	7	3	5	95	1382
Input Volume	14	386	10	5	846	5	5	5	100	1377
% of Volume	98	103	98	100	100	140	63	105	95	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 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	0.1	0.0	0.1	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.9	3.9	3.8	0.2	0.3
Total Delay (hr)	0.4	0.7	0.0	0.6	3.8	0.3	0.5	1.1	0.2	2.2	0.4	0.1
Total Del/Veh (s)	66.6	6.5	3.0	60.8	17.1	5.4	52.3	48.9	24.7	58.3	38.8	15.0
Stop Delay (hr)	0.4	0.5	0.0	0.5	2.7	0.2	0.5	1.0	0.2	2.1	0.4	0.1
Stop Del/Veh (s)	65.1	5.0	2.4	58.0	12.3	3.1	49.7	44.1	23.5	55.2	34.9	14.5
Total Stops	22	92	10	36	488	78	32	71	30	137	32	28
Stop/Veh	0.96	0.24	0.26	1.09	0.62	0.44	0.91	0.88	0.91	1.00	0.80	0.85
Travel Dist (mi)	1.1	17.8	1.8	5.0	120.2	27.1	2.9	6.9	2.8	11.8	3.5	2.9
Travel Time (hr)	0.5	1.3	0.1	0.7	7.8	1.3	0.6	1.4	0.4	2.8	0.6	0.3
Avg Speed (mph)	2	14	15	7	15	20	5	5	8	4	6	11
Fuel Used (gal)	0.1	0.7	0.0	0.3	4.6	0.8	0.2	0.5	0.2	1.0	0.2	0.1
Fuel Eff. (mpg)	9.5	25.9	41.3	18.4	25.9	33.1	13.8	13.3	18.0	12.1	16.4	22.8
HC Emissions (g)	0	12	0	6	52	7	1	2	5	3	1	3
CO Emissions (g)	9	259	6	120	1376	228	47	106	102	190	49	66
NOx Emissions (g)	1	32	1	14	164	23	4	8	12	13	3	7
Vehicles Entered	23	380	38	32	783	178	34	80	32	135	39	33
Vehicles Exited	23	380	38	32	786	178	34	80	32	135	39	33
Hourly Exit Rate	23	380	38	32	786	178	34	80	32	135	39	33
Input Volume	25	366	35	35	783	170	40	80	30	131	40	30
% of Volume	92	104	109	92	100	105	85	100	106	103	98	111
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.5
Total Delay (hr)	10.4
Total Del/Veh (s)	20.7
Stop Delay (hr)	8.7
Stop Del/Veh (s)	17.3
Total Stops	1056
Stop/Veh	0.59
Travel Dist (mi)	203.7
Travel Time (hr)	17.9
Avg Speed (mph)	12
Fuel Used (gal)	8.8
Fuel Eff. (mpg)	23.2
HC Emissions (g)	92
CO Emissions (g)	2559
NOx Emissions (g)	280
Vehicles Entered	1787
Vehicles Exited	1790
Hourly Exit Rate	1790
Input Volume	1764
% of Volume	101
Denied Entry Before	0

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.2	0.1	0.1	0.2
Total Delay (hr)	0.1	1.0	0.1	0.8	3.7	0.0	1.5	0.1	0.1	0.0	7.3
Total Del/Veh (s)	55.2	7.0	4.7	57.0	13.7	13.8	50.9	5.9	59.0	12.8	14.9
Stop Delay (hr)	0.1	0.6	0.1	0.7	2.0	0.0	1.4	0.1	0.1	0.0	5.2
Stop Del/Veh (s)	53.1	4.5	3.2	52.8	7.6	8.1	48.1	5.1	57.1	12.5	10.5
Total Stops	5	147	26	47	465	3	97	44	4	4	842
Stop/Veh	0.83	0.29	0.33	0.92	0.48	0.60	0.92	0.85	1.00	0.80	0.48
Travel Dist (mi)	0.5	49.6	7.9	6.8	130.4	0.7	6.6	3.2	0.2	0.2	206.1
Travel Time (hr)	0.1	2.7	0.4	1.1	8.1	0.0	1.9	0.2	0.1	0.0	14.7
Avg Speed (mph)	5	18	18	6	16	15	4	14	2	7	14
Fuel Used (gal)	0.0	1.9	0.3	0.4	4.6	0.0	0.6	0.1	0.0	0.0	8.0
Fuel Eff. (mpg)	14.3	25.7	30.4	17.9	28.1	27.9	11.5	32.1	9.4	28.4	25.9
HC Emissions (g)	0	30	1	4	68	0	2	0	0	0	105
CO Emissions (g)	6	759	59	99	1508	3	89	22	1	1	2547
NOx Emissions (g)	0	91	5	10	202	0	7	2	0	0	319
Vehicles Entered	6	497	77	50	959	5	105	51	4	5	1759
Vehicles Exited	5	495	77	50	956	5	105	51	4	5	1753
Hourly Exit Rate	5	495	77	50	956	5	105	51	4	5	1753
Input Volume	5	488	70	50	950	5	100	50	5	5	1727
% of Volume	100	101	110	101	101	100	105	103	84	105	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0

7: US Route 1 & Shop Rite Driveway Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	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	0.1	0.1	0.0
Total Delay (hr)	0.8	0.9	0.8	0.1	1.7	0.2	4.5
Total Del/Veh (s)	42.3	6.5	2.8	2.5	45.3	9.9	8.4
Stop Delay (hr)	0.7	0.5	0.2	0.0	1.6	0.2	3.3
Stop Del/Veh (s)	38.9	3.5	0.9	0.4	43.3	10.0	6.2
Total Stops	63	150	68	15	116	72	484
Stop/Veh	0.93	0.31	0.07	0.08	0.87	0.88	0.25
Travel Dist (mi)	9.2	63.8	142.1	28.7	4.2	2.7	250.6
Travel Time (hr)	1.1	3.1	5.5	1.2	1.9	0.4	13.3
Avg Speed (mph)	8	21	26	23	2	7	19
Fuel Used (gal)	0.5	2.5	4.5	0.8	0.5	0.1	9.0
Fuel Eff. (mpg)	19.1	25.0	31.7	34.5	7.9	23.2	27.9
HC Emissions (g)	2	53	62	4	2	0	124
CO Emissions (g)	87	1285	1261	180	72	18	2902
NOx Emissions (g)	8	159	185	16	7	2	377
Vehicles Entered	68	478	959	190	133	82	1910
Vehicles Exited	67	478	962	190	131	82	1910
Hourly Exit Rate	67	478	962	190	131	82	1910
Input Volume	70	467	952	190	130	80	1889
% of Volume	96	102	101	100	101	102	101
Denied Entry Before	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 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	0.1	0.0	0.0	0.1	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.3	0.3	3.6	0.3	0.3
Total Delay (hr)	0.6	0.7	0.4	3.3	6.5	0.9	0.8	1.2	0.5	0.7	3.7	0.5
Total Del/Veh (s)	56.6	11.2	4.7	74.9	21.0	19.7	37.1	37.9	22.1	38.3	50.7	41.7
Stop Delay (hr)	0.6	0.6	0.0	3.0	4.3	0.6	0.7	1.0	0.4	0.6	3.1	0.5
Stop Del/Veh (s)	54.4	9.7	0.4	69.6	13.8	13.1	33.2	32.5	19.4	33.6	43.5	36.7
Total Stops	40	58	41	168	531	88	78	89	66	63	232	43
Stop/Veh	0.98	0.25	0.12	1.07	0.48	0.53	0.96	0.77	0.80	0.93	0.89	0.91
Travel Dist (mi)	3.5	18.9	22.3	22.8	160.4	24.2	7.6	11.1	8.0	8.0	30.3	5.4
Travel Time (hr)	0.8	1.4	1.3	4.2	12.3	1.9	1.2	1.6	0.9	1.1	4.7	0.8
Avg Speed (mph)	5	14	18	5	13	13	7	7	9	8	6	7
Fuel Used (gal)	0.2	0.8	0.6	1.6	7.6	1.1	0.5	0.7	0.4	0.5	1.9	0.3
Fuel Eff. (mpg)	15.0	24.9	39.9	14.3	21.2	22.7	15.6	16.8	20.6	17.5	16.4	17.8
HC Emissions (g)	1	12	6	19	87	4	7	5	6	9	10	6
CO Emissions (g)	31	285	167	485	2391	191	196	205	176	238	423	147
NOx Emissions (g)	3	32	17	51	305	22	19	18	17	24	35	16
Vehicles Entered	41	230	339	154	1099	164	79	114	82	67	253	46
Vehicles Exited	40	230	340	154	1098	164	80	114	82	68	256	46
Hourly Exit Rate	40	230	340	154	1098	164	80	114	82	68	256	46
Input Volume	41	225	330	150	1100	160	80	115	80	70	260	45
% of Volume	97	102	103	102	100	103	100	99	102	97	99	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	19.9
Total Del/Veh (s)	26.6
Stop Delay (hr)	15.7
Stop Del/Veh (s)	20.9
Total Stops	1497
Stop/Veh	0.56
Travel Dist (mi)	322.5
Travel Time (hr)	32.0
Avg Speed (mph)	10
Fuel Used (gal)	15.9
Fuel Eff. (mpg)	20.2
HC Emissions (g)	172
CO Emissions (g)	4934
NOx Emissions (g)	558
Vehicles Entered	2668
Vehicles Exited	2672
Hourly Exit Rate	2672
Input Volume	2656
% of Volume	101
Denied Entry Before	0

9: I-95 Ramps/Global Gas Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.3	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.5
Denied Del/Veh (s)	0.0	0.0	0.0	2.7	0.5	0.4	0.3	0.2	0.2	0.1	0.1	0.8
Total Delay (hr)	0.0	1.9	0.3	5.8	3.1	0.1	9.8	0.1	0.2	0.1	0.5	21.9
Total Del/Veh (s)	45.8	22.8	15.7	43.7	14.5	10.2	57.4	35.4	9.0	51.6	50.5	32.9
Stop Delay (hr)	0.0	1.6	0.3	4.9	2.1	0.1	8.7	0.1	0.2	0.1	0.5	18.5
Stop Del/Veh (s)	43.1	19.1	13.4	37.3	9.9	7.8	50.7	32.2	8.2	49.1	50.3	27.8
Total Stops	2	172	45	468	383	21	625	10	57	6	35	1824
Stop/Veh	1.00	0.57	0.65	0.99	0.50	0.47	1.02	0.71	0.79	1.00	0.92	0.76
Travel Dist (mi)	0.3	42.9	9.9	72.6	116.7	6.9	61.1	1.4	7.2	0.1	0.9	320.1
Travel Time (hr)	0.0	3.5	0.7	8.7	7.1	0.4	12.1	0.2	0.5	0.1	0.6	34.0
Avg Speed (mph)	8	12	14	9	17	18	5	8	15	2	1	10
Fuel Used (gal)	0.0	2.0	0.4	3.6	4.7	0.2	4.4	0.1	0.2	0.0	0.2	15.8
Fuel Eff. (mpg)	20.5	21.4	23.5	20.4	24.7	29.7	13.9	19.6	29.9	6.3	5.8	20.2
HC Emissions (g)	0	43	7	36	52	3	40	0	3	0	0	185
CO Emissions (g)	3	1041	199	970	1607	87	1200	15	84	2	10	5218
NOx Emissions (g)	0	118	21	102	169	9	112	1	8	0	1	542
Vehicles Entered	2	298	68	464	752	45	605	14	71	6	38	2363
Vehicles Exited	2	298	68	468	757	45	602	14	71	6	38	2369
Hourly Exit Rate	2	298	68	468	757	45	602	14	71	6	38	2369
Input Volume	2	293	70	470	750	45	600	14	70	7	36	2357
% of Volume	100	102	97	100	101	100	100	98	102	83	105	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

101: Costco Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	1.3	0.1	0.1	0.0	0.0	0.0	4.1	0.1	0.1	0.1	0.1
Total Delay (hr)	0.2	0.7	0.0	0.5	1.5	0.0	0.3	0.0	0.3	0.1	3.6
Total Del/Veh (s)	61.9	4.7	3.7	54.0	5.2	4.4	50.4	4.3	46.3	8.8	7.2
Stop Delay (hr)	0.2	0.5	0.0	0.4	0.7	0.0	0.2	0.0	0.3	0.1	2.4
Stop Del/Veh (s)	59.7	3.2	2.8	51.2	2.3	1.6	48.9	4.7	45.1	9.1	5.0
Total Stops	10	111	6	29	157	4	16	23	17	50	423
Stop/Veh	1.00	0.21	0.29	0.94	0.15	0.14	0.89	0.88	0.85	0.89	0.24
Travel Dist (mi)	1.0	52.2	2.1	3.4	118.1	3.3	0.7	1.1	0.5	1.4	183.9
Travel Time (hr)	0.2	2.5	0.1	0.6	5.8	0.2	0.3	0.1	0.3	0.2	10.3
Avg Speed (mph)	5	21	19	6	20	19	3	12	2	6	18
Fuel Used (gal)	0.1	1.8	0.1	0.2	5.8	0.1	0.1	0.0	0.1	0.1	8.4
Fuel Eff. (mpg)	15.3	28.6	32.8	14.0	20.4	23.3	9.1	39.2	6.8	21.8	22.0
HC Emissions (g)	0	20	0	2	72	2	0	0	0	1	97
CO Emissions (g)	11	592	19	75	2469	67	11	6	5	13	3268
NOx Emissions (g)	1	61	2	7	265	8	1	0	0	1	346
Vehicles Entered	10	525	21	30	1031	28	17	26	20	56	1764
Vehicles Exited	10	525	21	30	1034	28	17	26	19	56	1766
Hourly Exit Rate	10	525	21	30	1034	28	17	26	19	56	1766
Input Volume	10	515	25	30	1042	30	21	25	20	51	1768
% of Volume	98	102	85	100	99	93	82	105	96	109	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0

102: Pure Hockey Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	0.0
Total Delay (hr)	0.2	0.0	0.3	0.0	0.0	0.1	0.8
Total Del/Veh (s)	2.1	1.9	1.3	0.8	3.0	8.8	1.8
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.2
Stop Del/Veh (s)	0.2	0.1	0.1	0.1	3.1	9.0	0.5
Total Stops	3	0	5	0	17	57	82
Stop/Veh	0.01	0.00	0.01	0.00	1.00	0.98	0.05
Travel Dist (mi)	33.2	5.0	39.6	3.2	0.4	1.0	82.3
Travel Time (hr)	1.4	0.3	1.7	0.2	0.0	0.2	3.9
Avg Speed (mph)	23	19	23	17	10	5	21
Fuel Used (gal)	1.6	0.2	1.6	0.1	0.0	0.1	3.6
Fuel Eff. (mpg)	20.5	24.5	24.1	36.1	35.4	17.6	22.7
HC Emissions (g)	26	1	13	2	0	0	42
CO Emissions (g)	850	65	502	34	1	4	1457
NOx Emissions (g)	88	6	54	4	0	0	153
Vehicles Entered	408	60	869	78	17	58	1490
Vehicles Exited	409	60	867	78	17	58	1489
Hourly Exit Rate	409	60	867	78	17	58	1489
Input Volume	400	56	872	81	16	59	1485
% of Volume	102	107	99	96	105	99	100
Denied Entry Before	0	0	0	0	0	0	0

103: US Route 1 & Home Depot Driveway Performance by movement

Movement	EBT	EBR	WBT	WBR	NWL	NWR	All
Denied Delay (hr)	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	0.1	0.1	0.0
Total Delay (hr)	0.1	0.0	0.4	0.0	0.0	0.1	0.6
Total Del/Veh (s)	0.5	0.8	1.7	0.9	11.3	5.7	1.5
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Stop Del/Veh (s)	0.1	0.1	0.1	0.1	9.2	3.5	0.2
Total Stops	0	0	1	0	10	36	47
Stop/Veh	0.00	0.00	0.00	0.00	1.00	1.00	0.04
Travel Dist (mi)	28.8	0.4	48.6	0.6	0.2	0.7	79.2
Travel Time (hr)	1.0	0.0	2.1	0.0	0.0	0.1	3.3
Avg Speed (mph)	28	27	23	25	5	8	24
Fuel Used (gal)	1.0	0.0	2.7	0.0	0.0	0.0	3.7
Fuel Eff. (mpg)	30.2	26.6	18.1	18.8	19.0	29.6	21.3
HC Emissions (g)	10	0	40	0	0	0	50
CO Emissions (g)	281	4	1198	14	1	2	1500
NOx Emissions (g)	31	0	151	1	0	0	183
Vehicles Entered	398	5	843	9	10	36	1301
Vehicles Exited	398	5	843	9	10	36	1301
Hourly Exit Rate	398	5	843	9	10	36	1301
Input Volume	387	5	840	10	10	33	1286
% of Volume	103	100	100	88	98	109	101
Denied Entry Before	0	0	0	0	0	0	0

104: Twin Towers Office Driveway & US Route 1 Performance by movement

Movement	EBT	EBR	WBT	NBL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.0	0.1	0.0
Total Delay (hr)	0.4	0.0	0.7	0.6	1.7
Total Del/Veh (s)	2.5	1.6	2.7	44.2	4.0
Stop Delay (hr)	0.1	0.0	0.3	0.6	1.0
Stop Del/Veh (s)	0.9	0.1	1.0	41.6	2.3
Total Stops	37	0	63	44	144
Stop/Veh	0.07	0.00	0.07	0.86	0.09
Travel Dist (mi)	82.6	3.2	72.5	2.7	161.1
Travel Time (hr)	3.3	0.1	3.2	0.7	7.4
Avg Speed (mph)	25	24	23	4	22
Fuel Used (gal)	3.2	0.1	3.6	0.2	7.1
Fuel Eff. (mpg)	26.1	30.4	20.0	11.9	22.6
HC Emissions (g)	58	1	48	2	109
CO Emissions (g)	1415	27	1720	48	3210
NOx Emissions (g)	178	3	173	4	358
Vehicles Entered	518	20	933	50	1521
Vehicles Exited	518	20	934	51	1523
Hourly Exit Rate	518	20	934	51	1523
Input Volume	500	20	928	50	1497
% of Volume	104	101	101	101	102
Denied Entry Before	0	0	0	0	0

105: US Route 1 & Kohl's Driveway Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.1	0.0
Total Delay (hr)	0.7	0.4	0.0	2.3	0.4	0.0	1.2	0.1	5.0
Total Del/Veh (s)	60.4	3.3	8.4	9.0	8.2	4.5	46.6	6.2	10.4
Stop Delay (hr)	0.6	0.3	0.0	0.4	0.1	0.0	1.1	0.1	2.7
Stop Del/Veh (s)	58.3	2.2	3.4	1.7	1.4	4.4	44.6	6.1	5.5
Total Stops	38	64	10	163	33	16	78	45	447
Stop/Veh	0.95	0.14	0.53	0.18	0.21	0.84	0.87	0.87	0.26
Travel Dist (mi)	3.1	36.6	1.9	90.4	15.4	0.4	2.4	1.4	151.5
Travel Time (hr)	0.8	1.7	0.1	5.4	1.0	0.1	1.3	0.2	10.5
Avg Speed (mph)	4	22	16	17	16	8	2	8	15
Fuel Used (gal)	0.2	1.3	0.1	4.2	0.6	0.0	0.4	0.0	6.9
Fuel Eff. (mpg)	13.8	28.0	23.0	21.4	24.3	32.1	6.6	28.8	22.0
HC Emissions (g)	1	16	0	59	6	0	1	1	84
CO Emissions (g)	31	453	23	1672	168	1	43	11	2402
NOx Emissions (g)	2	50	2	209	23	0	5	1	292
Vehicles Entered	39	460	19	904	153	19	89	52	1735
Vehicles Exited	39	461	19	903	153	19	89	52	1735
Hourly Exit Rate	39	461	19	903	153	19	89	52	1735
Input Volume	40	442	20	895	150	20	89	50	1706
% of Volume	98	104	96	101	102	96	100	103	102
Denied Entry Before	0	0	0	0	0	0	0	0	0

106: Stop & Shop Driveway/Best Buy Driveway & US Route 1 Performance by movement

Movement	EBT	WBL	WBT	NBR	SBL	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	0.1	0.1	0.0
Total Delay (hr)	0.6	1.1	1.0	0.0	0.0	2.7
Total Del/Veh (s)	3.5	57.0	3.2	5.7	46.9	5.4
Stop Delay (hr)	0.3	1.0	0.2	0.0	0.0	1.5
Stop Del/Veh (s)	1.5	53.6	0.6	5.7	45.6	3.0
Total Stops	63	65	55	1	3	187
Stop/Veh	0.10	0.94	0.05	1.00	1.00	0.10
Travel Dist (mi)	90.2	6.1	104.3	0.0	0.1	200.7
Travel Time (hr)	3.7	1.3	4.6	0.0	0.0	9.7
Avg Speed (mph)	24	5	23	11	2	21
Fuel Used (gal)	3.5	0.5	4.9	0.0	0.0	8.9
Fuel Eff. (mpg)	25.6	13.0	21.2	42.2	8.0	22.5
HC Emissions (g)	57	2	73	0	0	132
CO Emissions (g)	1477	89	2045	0	1	3611
NOx Emissions (g)	183	9	258	0	0	450
Vehicles Entered	604	67	1142	1	3	1817
Vehicles Exited	606	68	1146	1	3	1824
Hourly Exit Rate	606	68	1146	1	3	1824
Input Volume	593	68	1142	2	2	1808
% of Volume	102	100	100	50	150	101
Denied Entry Before	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	2.5
Denied Del/Veh (s)	1.6
Total Delay (hr)	99.8
Total Del/Veh (s)	64.5
Stop Delay (hr)	76.1
Stop Del/Veh (s)	49.2
Total Stops	8646
Stop/Veh	1.55
Travel Dist (mi)	2913.9
Travel Time (hr)	208.1
Avg Speed (mph)	14
Fuel Used (gal)	134.3
Fuel Eff. (mpg)	21.7
HC Emissions (g)	1672
CO Emissions (g)	49125
NOx Emissions (g)	5457
Vehicles Entered	5376
Vehicles Exited	5394
Hourly Exit Rate	5394
Input Volume	28394
% of Volume	19
Denied Entry Before	1

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Richards Ave	3	9.7	22.4	0.1	18	18	9.7
Total		9.7	22.4	0.1	18	18	9.7

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Richards Ave	18	10.6	19	9.3	21	7.2	16
Total	18	10.6	19	9.3	21	7.2	16

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Richards Ave	12.7	19	9.0	17	11.1	20	8.3
Total	12.7	19	9.0	17	11.1	20	8.3

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Richards Ave	17	11.1	19	8.4
Total	17	11.1	19	8.4

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
	101	5.4	19.4	0.1	21	21	5.4
Total		5.4	19.4	0.1	21	21	5.4

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
	21	5.6	21	5.7	21	5.7	22
Total	21	5.6	21	5.7	21	5.7	22

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
	5.1	21	5.5	20	6.6	22	4.7
Total	5.1	21	5.5	20	6.6	22	4.7

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
	21	5.1	21	5.2
Total	21	5.1	21	5.2

Arterial Level of Service: EB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Pure Hockey Driveway	102	2.4	12.3	0.1	23	23	2.5
Liquidators Driveway	4	2.4	8.8	0.1	23	22	2.6
	103	0.5	9.2	0.1	29	28	0.5
Keeler Ave	5	6.0	11.7	0.1	16	17	5.4
Twin Towers Office D	104	2.0	21.1	0.2	27	28	1.9
	105	3.3	12.9	0.1	22	23	3.0
Rampart Road	6	5.2	17.2	0.1	21	20	6.0
Shop Rite Driveway	7	6.9	23.0	0.1	21	21	7.1
Stop & Shop Driveway	106	3.8	21.6	0.2	25	25	4.4
Scribner Avenue	8	11.2	21.1	0.1	16	15	12.7
I-95 Ramps	9	18.0	35.2	0.1	15	14	20.6
Total		61.7	194.1	1.1	21	20	66.7

Arterial Level of Service: EB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Pure Hockey Driveway	24	2.2	24	2.2	24	2.0	23
Liquidators Driveway	24	2.1	22	2.9	21	3.1	22
	29	0.5	28	0.5	28	0.6	29
Keeler Ave	14	7.7	17	5.6	17	5.4	17
Twin Towers Office D	27	2.0	27	2.5	28	2.2	28
	22	3.4	21	4.3	22	3.5	23
Rampart Road	21	5.3	21	5.4	21	5.4	21
Shop Rite Driveway	21	7.4	21	7.2	22	6.5	22
Stop & Shop Driveway	26	3.8	26	3.2	26	3.0	26
Scribner Avenue	15	11.4	17	9.5	16	10.7	17
I-95 Ramps	14	20.1	13	22.2	16	15.0	16
Total	21	65.8	21	65.5	22	57.3	21

Arterial Level of Service: EB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Pure Hockey Driveway	2.9	23	2.5	23	2.6	24	2.0
Liquidators Driveway	2.9	24	1.8	23	2.4	22	2.8
	0.5	29	0.4	28	0.4	29	0.4
Keeler Ave	5.6	16	6.3	15	7.1	16	6.2
Twin Towers Office D	1.7	27	2.1	27	1.8	27	1.8
	2.9	23	3.1	22	3.2	22	3.3
Rampart Road	5.4	22	4.7	21	5.2	22	4.8
Shop Rite Driveway	6.6	22	6.2	22	6.5	21	7.7
Stop & Shop Driveway	3.2	24	4.8	23	6.0	26	3.6
Scribner Avenue	9.3	16	10.2	13	14.9	15	12.2
I-95 Ramps	16.9	15	18.5	14	21.3	17	14.8
Total	57.8	21	60.5	20	71.5	21	59.5

Arterial Level of Service: EB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Pure Hockey Driveway	23	2.8	23	2.4
Liquidators Driveway	23	2.3	25	1.6
	29	0.4	29	0.4
Keeler Ave	17	5.6	18	5.2
Twin Towers Office D	27	2.1	28	2.1
	22	3.4	23	2.9
Rampart Road	21	5.3	22	5.0
Shop Rite Driveway	22	6.7	22	6.8
Stop & Shop Driveway	27	3.0	27	2.8
Scribner Avenue	17	9.6	15	11.5
I-95 Ramps	16	15.3	16	15.1
Total	22	56.4	22	55.8

Arterial Level of Service: WB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Global Gas Driveway	9	14.5	33.5	0.2	18	18	15.6
Scribner Avenue	8	31.0	48.6	0.1	11	11	29.6
Best Buy Driveway	106	3.2	14.1	0.1	23	23	3.5
Shop Rite Driveway	7	2.8	20.6	0.2	27	27	2.5
Driveway	6	14.3	30.7	0.1	16	16	13.6
Kohl's Driveway	105	9.3	21.3	0.1	17	19	7.7
Twin Towers Office D	104	2.7	12.1	0.1	24	25	2.2
	5	17.8	36.2	0.2	16	16	18.3
Home Depot Driveway	103	1.8	8.8	0.1	22	22	1.7
Walmart Driveway	4	3.0	11.7	0.1	23	22	3.2
Walmart Driveway	102	1.3	6.9	0.1	29	28	1.5
	3	25.4	34.9	0.1	8	8	26.2
Total		126.9	279.4	1.3	17	17	125.6

Arterial Level of Service: WB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Global Gas Driveway	18	14.6	18	14.5	18	15.2	20
Scribner Avenue	11	29.8	11	28.3	11	31.0	12
Best Buy Driveway	23	3.1	24	2.6	24	2.6	24
Shop Rite Driveway	27	2.6	27	2.8	26	3.2	27
Driveway	16	14.6	17	12.1	15	15.6	16
Kohl's Driveway	16	10.6	17	9.7	17	9.8	18
Twin Towers Office D	24	2.6	24	2.6	24	2.5	24
	16	18.5	16	17.5	15	19.5	16
Home Depot Driveway	22	1.8	22	1.8	21	1.9	22
Walmart Driveway	23	2.9	21	3.6	23	2.7	24
Walmart Driveway	29	1.2	29	1.2	28	1.4	29
	8	24.5	8	25.7	9	22.6	7
Total	17	126.8	17	122.4	17	128.2	17

Arterial Level of Service: WB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Global Gas Driveway	11.7	18	15.7	18	14.9	18	15.4
Scribner Avenue	27.7	10	36.1	10	36.8	11	30.7
Best Buy Driveway	2.5	22	3.8	21	4.5	24	2.9
Shop Rite Driveway	2.7	27	2.8	26	3.4	27	2.8
Driveway	14.6	16	15.1	16	14.4	15	16.0
Kohl's Driveway	8.4	17	10.1	17	9.1	17	9.2
Twin Towers Office D	2.5	24	2.7	24	2.6	23	3.1
	17.9	15	19.4	16	17.8	17	16.8
Home Depot Driveway	1.7	21	2.0	22	1.9	22	1.8
Walmart Driveway	2.5	22	3.3	22	3.4	23	2.9
Walmart Driveway	1.4	29	1.3	29	1.3	29	1.3
	30.2	8	24.2	8	26.1	9	23.4
Total	123.8	16	136.4	16	136.2	17	126.2

Arterial Level of Service: WB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Global Gas Driveway	19	13.5	19	13.4
Scribner Avenue	11	29.5	11	29.4
Best Buy Driveway	24	2.8	23	3.1
Shop Rite Driveway	26	2.9	27	2.6
Driveway	16	13.5	17	13.1
Kohl's Driveway	17	9.3	18	8.8
Twin Towers Office D	23	3.0	23	2.7
	16	17.0	17	15.7
Home Depot Driveway	22	1.8	22	1.8
Walmart Driveway	23	2.8	23	2.6
Walmart Driveway	29	1.4	30	1.1
	8	27.1	9	23.5
Total	17	124.4	17	117.9

Intersection: 3: Richards Ave & Connecticut Avenue/US Route 1

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	EBL	WBT	SBL	NBTL	WBL	EBT	NBL	SBTL
Maximum Green (s)	21.1	23.8	5.1	18.3	9.1	35.8	6.5	17.3
Minimum Green (s)	5.0	15.0	5.0	8.0	5.0	15.0	5.0	8.0
Recall	None	Max	None	None	None	Max	None	Max
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 4: Liquidators Driveway/Walmart Driveway & US Route 1

Phase	1	2	4	5	6	8
Movement(s) Served	EBL	WBT	NBTL	WBL	EBT	SBTL
Maximum Green (s)	6.4	38.8	19.0	6.4	38.8	19.0
Minimum Green (s)	4.0	15.0	9.0	4.0	15.0	9.0
Recall	None	Max	None	None	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 5: Keeler Ave & US Route 1

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	EBL	WBT	SBL	NBT	WBL	EBT	NBL	SBT
Maximum Green (s)	7.2	27.3	10.4	25.0	7.2	27.3	10.4	19.0
Minimum Green (s)	4.0	15.0	4.0	5.0	4.0	15.0	4.0	5.0
Recall	None	Max	None	None	None	Max	None	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 6: Rampart Road/Driveway & US Route 1

Phase	1	2	4	5	6	8
Movement(s) Served	EBL	WBT	NBTL	WBL	EBT	SBTL
Maximum Green (s)	7.5	45.5	20.8	7.5	45.5	20.8
Minimum Green (s)	5.0	15.0	8.0	5.0	15.0	8.0
Recall	None	Max	None	None	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 7: US Route 1 & Shop Rite Driveway

Phase	1	2	6	8
Movement(s) Served	EBL	WBT	EBT	SBL
Maximum Green (s)	20.0	36.9	62.5	19.7
Minimum Green (s)	4.0	15.0	5.0	9.0
Recall	None	Max	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA

Controller Summary

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

Intersection: 8: Scribner Avenue & US Route 1

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	EBL	WBT	SBL	NBTL	WBL	EBT	NBL	SBTL
Maximum Green (s)	10.7	34.9	6.9	39.1	17.7	27.9	6.2	22.0
Minimum Green (s)	5.0	15.0	1.0	5.0	5.0	15.0	5.0	5.0
Recall	None	Max	None	None	None	Max	None	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 9: I-95 Ramps/Global Gas Driveway & US Route 1

Phase	2	4	5	6	8
Movement(s) Served	WBTL	NBTL	WBL	EBTL	SBTL
Maximum Green (s)	51.3	30.7	13.0	34.3	19.0
Minimum Green (s)	15.0	9.0	5.0	15.0	5.0
Recall	Min	None	None	Min	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 101: Costco Driveway & US Route 1

Phase	1	2	4	5	6	8
Movement(s) Served	EBL	WBT	NBTL	WBL	EBT	SBTL
Maximum Green (s)	5.4	33.7	23.9	5.4	33.7	23.9
Minimum Green (s)	5.0	15.0	8.0	5.0	15.0	8.0
Recall	None	Max	None	None	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 104: Twin Towers Office Driveway & US Route 1

Phase	2	4	5	6
Movement(s) Served	WBT	NBL	WBL	EBT
Maximum Green (s)	44.9	24.0	5.7	33.9
Minimum Green (s)	28.0	9.0	5.0	28.0
Recall	Max	None	None	Max
Avg. Green (s)	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA

Controller Summary

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

Intersection: 105: US Route 1 & Kohl's Driveway

Phase	1	2	4	6	8
Movement(s) Served	EBL	WBTL	NBR	EBT	SBL
Maximum Green (s)	6.5	43.6	23.6	55.6	24.6
Minimum Green (s)	5.0	20.0	20.0	20.0	9.0
Recall	None	Max	Max	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 106: Stop & Shop Driveway/Best Buy Driveway & US Route 1

Phase	1	2	4	5	6	8
Movement(s) Served	EBL	WBT	NBTL	WBL	EBT	SBTL
Maximum Green (s)	16.7	49.2	25.0	16.7	49.2	24.0
Minimum Green (s)	5.0	15.0	9.0	5.0	15.0	9.0
Recall	None	Max	None	None	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA

Controller Summary

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

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	11:30	11:30	11:30	11:30	11:30	11:30	11:30
End Time	1:00	1:00	1:00	1:00	1:00	1:00	1:00
Total Time (min)	90	90	90	90	90	90	90
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4	4	4	4
Vehs Entered	8912	9031	8841	8898	8916	8888	8985
Vehs Exited	8889	9070	8846	8951	8884	8841	8971
Starting Vehs	293	345	316	340	294	269	288
Ending Vehs	316	306	311	287	326	316	302
Denied Entry Before	3	7	2	5	1	1	19
Travel Distance (mi)	4077	4117	4065	4078	4114	4022	4085
Travel Time (hr)	310.8	325.2	311.1	312.9	319.5	306.7	321.1
Total Delay (hr)	162.0	174.9	163.1	164.4	169.2	160.0	172.2
Total Stops	13662	14056	13450	13589	13904	13542	14026
Fuel Used (gal)	199.8	204.1	199.0	199.4	201.9	197.0	203.1

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	11:30	11:30	11:30	11:30
End Time	1:00	1:00	1:00	1:00
Total Time (min)	90	90	90	90
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4
Vehs Entered	8956	8831	9025	8927
Vehs Exited	8944	8891	9022	8932
Starting Vehs	299	333	283	299
Ending Vehs	311	273	286	297
Denied Entry Before	1	3	5	2
Travel Distance (mi)	4044	4068	4069	4074
Travel Time (hr)	313.6	312.8	311.0	314.5
Total Delay (hr)	166.1	164.3	162.5	165.9
Total Stops	13636	13555	13605	13701
Fuel Used (gal)	200.0	199.5	200.2	200.4

Interval #0 Information Seeding

Start Time	11:30
End Time	12:00
Total Time (min)	30
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2117	2187	2129	2088	2140	2172	2096
Vehs Exited	2125	2195	2151	2139	2145	2113	2061
Starting Vehs	293	345	316	340	294	269	288
Ending Vehs	285	337	294	289	289	328	323
Denied Entry Before	3	7	2	5	1	1	19
Travel Distance (mi)	976	1027	1000	970	981	990	970
Travel Time (hr)	74.6	80.2	75.5	71.9	76.4	74.8	72.9
Total Delay (hr)	38.9	42.7	39.1	36.6	40.6	38.9	37.6
Total Stops	3218	3442	3306	3272	3283	3363	3197
Fuel Used (gal)	47.7	50.8	48.6	46.9	48.7	48.4	47.5

Interval #1 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2170	2143	2154	2141
Vehs Exited	2208	2180	2160	2146
Starting Vehs	299	333	283	299
Ending Vehs	261	296	277	292
Denied Entry Before	1	3	5	2
Travel Distance (mi)	1010	986	970	988
Travel Time (hr)	78.3	77.7	69.6	75.2
Total Delay (hr)	41.6	41.7	34.2	39.2
Total Stops	3353	3381	3069	3285
Fuel Used (gal)	50.4	49.0	46.7	48.5

Interval #2 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2188	2181	2085	2179	2160	2097	2224
Vehs Exited	2192	2217	2073	2195	2143	2162	2223
Starting Vehs	285	337	294	289	289	328	323
Ending Vehs	281	301	306	273	306	263	324
Denied Entry Before	2	6	1	1	1	2	8
Travel Distance (mi)	1031	1005	994	1011	1002	979	1035
Travel Time (hr)	76.8	79.4	74.1	77.0	73.1	73.8	80.3
Total Delay (hr)	39.3	42.7	37.9	40.1	36.6	38.0	42.7
Total Stops	3329	3460	3234	3386	3226	3126	3489
Fuel Used (gal)	49.6	49.6	47.9	48.8	47.9	47.5	51.1

Interval #2 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2160	2111	2217	2156
Vehs Exited	2128	2114	2183	2163
Starting Vehs	261	296	277	292
Ending Vehs	293	293	311	286
Denied Entry Before	1	7	0	1
Travel Distance (mi)	982	987	988	1001
Travel Time (hr)	74.7	73.0	74.6	75.7
Total Delay (hr)	38.8	37.0	38.5	39.2
Total Stops	3290	3110	3385	3303
Fuel Used (gal)	47.8	47.5	48.2	48.6

Interval #3 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2516	2486	2480	2481	2473	2480	2505
Vehs Exited	2450	2476	2418	2407	2402	2390	2476
Starting Vehs	281	301	306	273	306	263	324
Ending Vehs	347	311	368	347	377	353	353
Denied Entry Before	1	9	3	3	1	0	4
Travel Distance (mi)	1078	1099	1070	1083	1118	1071	1107
Travel Time (hr)	85.2	89.6	84.7	84.5	89.9	83.3	92.8
Total Delay (hr)	45.6	49.4	45.7	45.0	49.1	44.4	52.3
Total Stops	3735	3957	3663	3678	4030	3872	4159
Fuel Used (gal)	53.9	55.5	53.0	53.9	55.5	53.5	56.5

Interval #3 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2467	2448	2477	2478
Vehs Exited	2430	2390	2455	2434
Starting Vehs	293	293	311	286
Ending Vehs	330	351	333	339
Denied Entry Before	1	0	6	1
Travel Distance (mi)	1052	1096	1074	1085
Travel Time (hr)	84.9	85.4	86.2	86.6
Total Delay (hr)	46.4	45.4	46.9	47.0
Total Stops	3745	3749	3754	3833
Fuel Used (gal)	52.6	54.1	54.1	54.2

Interval #4 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2091	2177	2147	2150	2143	2139	2160
Vehs Exited	2122	2182	2204	2210	2194	2176	2211
Starting Vehs	347	311	368	347	377	353	353
Ending Vehs	316	306	311	287	326	316	302
Denied Entry Before	3	2	9	4	5	10	6
Travel Distance (mi)	993	985	1001	1014	1013	982	973
Travel Time (hr)	74.3	76.0	76.9	79.4	80.0	74.7	75.0
Total Delay (hr)	38.2	40.1	40.4	42.7	42.9	38.8	39.5
Total Stops	3380	3197	3247	3253	3365	3181	3181
Fuel Used (gal)	48.7	48.3	49.5	49.8	49.9	47.6	47.9

Interval #4 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2159	2129	2177	2143
Vehs Exited	2178	2207	2224	2192
Starting Vehs	330	351	333	339
Ending Vehs	311	273	286	297
Denied Entry Before	3	16	2	4
Travel Distance (mi)	1000	999	1037	1000
Travel Time (hr)	75.7	76.7	80.6	76.9
Total Delay (hr)	39.3	40.2	42.9	40.5
Total Stops	3248	3315	3397	3272
Fuel Used (gal)	49.2	48.9	51.2	49.1

3: Richards Ave & Connecticut Avenue/US Route 1 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	0.1	0.0	0.2	0.0	0.0	0.2	0.1	0.1
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.6	1.0	4.0	0.9	0.7	5.3	2.3	2.4
Total Delay (hr)	2.3	5.0	0.4	1.3	6.8	0.7	1.9	2.0	0.9	1.8	1.9	1.5
Total Del/Veh (s)	67.1	20.4	9.7	53.0	28.7	25.7	45.9	48.0	34.5	52.7	55.1	36.9
Stop Delay (hr)	2.2	3.5	0.2	1.2	5.4	0.6	1.7	1.8	0.8	1.7	1.7	1.4
Stop Del/Veh (s)	62.9	14.4	4.0	49.6	22.7	21.4	42.4	42.2	32.2	49.1	49.4	34.3
Total Stops	127	470	44	86	532	67	131	134	83	120	110	131
Stop/Veh	1.02	0.53	0.29	0.98	0.62	0.64	0.89	0.89	0.91	0.99	0.90	0.91
Travel Dist (mi)	13.9	97.5	13.9	6.7	64.0	7.7	7.6	8.0	4.9	5.3	5.4	6.5
Travel Time (hr)	2.9	8.4	0.9	1.6	9.2	1.1	2.4	2.3	1.1	2.2	2.1	1.9
Avg Speed (mph)	5	12	15	4	7	7	3	4	4	3	3	4
Fuel Used (gal)	1.0	5.0	0.6	0.5	3.6	0.4	0.8	0.8	0.4	0.7	0.6	0.6
Fuel Eff. (mpg)	13.6	19.3	22.6	13.3	17.5	19.3	9.4	10.5	12.6	7.7	8.6	10.7
HC Emissions (g)	3	42	17	1	15	5	2	2	5	1	6	4
CO Emissions (g)	174	1586	419	69	590	102	131	114	116	87	133	109
NOx Emissions (g)	14	164	49	6	66	12	12	11	13	9	14	12
Vehicles Entered	123	874	149	86	842	103	145	148	90	119	119	143
Vehicles Exited	120	874	148	86	843	104	145	149	90	120	120	143
Hourly Exit Rate	120	874	148	86	843	104	145	149	90	120	120	143
Input Volume	120	881	150	90	840	110	145	150	90	120	115	140
% of Volume	100	99	99	96	100	95	100	99	100	100	105	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	1	0	1

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.7
Denied Del/Veh (s)	0.9
Total Delay (hr)	26.4
Total Del/Veh (s)	31.9
Stop Delay (hr)	22.1
Stop Del/Veh (s)	26.7
Total Stops	2035
Stop/Veh	0.68
Travel Dist (mi)	241.5
Travel Time (hr)	36.1
Avg Speed (mph)	7
Fuel Used (gal)	15.1
Fuel Eff. (mpg)	16.0
HC Emissions (g)	105
CO Emissions (g)	3630
NOx Emissions (g)	380
Vehicles Entered	2941
Vehicles Exited	2942
Hourly Exit Rate	2942
Input Volume	2951
% of Volume	100
Denied Entry Before	2

4: Liquidators Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4
Denied Del/Veh (s)	0.9	1.0	1.3	0.7	0.2	0.4	4.0	0.1	0.1	0.7	0.3	0.6
Total Delay (hr)	0.8	1.8	0.1	0.4	2.5	0.3	0.2	0.1	0.2	2.4	0.1	9.0
Total Del/Veh (s)	55.9	6.2	3.4	49.3	10.4	9.4	44.3	51.4	9.8	56.2	7.0	12.9
Stop Delay (hr)	0.8	1.3	0.1	0.4	1.8	0.2	0.2	0.1	0.2	2.3	0.1	7.4
Stop Del/Veh (s)	54.6	4.6	3.0	46.4	7.3	7.0	42.0	47.8	9.1	53.1	6.6	10.7
Total Stops	43	201	15	33	286	41	14	5	65	144	45	892
Stop/Veh	0.86	0.19	0.23	1.03	0.33	0.35	0.93	1.00	0.88	0.92	0.80	0.36
Travel Dist (mi)	1.4	30.9	2.0	2.1	56.8	7.5	0.6	0.2	3.0	6.0	2.1	112.7
Travel Time (hr)	0.9	3.2	0.2	0.5	4.5	0.7	0.2	0.1	0.4	2.7	0.2	13.5
Avg Speed (mph)	2	11	11	4	13	12	3	3	8	2	10	9
Fuel Used (gal)	0.2	2.1	0.1	0.2	2.4	0.3	0.1	0.0	0.1	0.8	0.1	6.3
Fuel Eff. (mpg)	6.6	14.5	25.2	13.6	24.0	29.1	8.8	10.3	26.0	7.3	32.5	17.9
HC Emissions (g)	0	25	0	0	20	1	0	0	0	1	0	48
CO Emissions (g)	14	898	12	13	590	30	13	2	17	78	8	1676
NOx Emissions (g)	1	91	1	1	69	3	1	0	2	8	1	178
Vehicles Entered	49	1047	66	31	870	115	15	5	74	154	56	2482
Vehicles Exited	50	1048	66	32	872	116	15	5	74	154	56	2488
Hourly Exit Rate	50	1048	66	32	872	116	15	5	74	154	56	2488
Input Volume	50	1050	65	30	880	110	15	5	75	150	55	2485
% of Volume	100	100	102	107	99	105	102	105	99	103	101	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.1	1.2	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.0	0.0
Denied Del/Veh (s)	3.9	5.0	5.4	0.0	0.0	0.0	0.3	3.7	3.7	3.6	0.4	0.4
Total Delay (hr)	1.3	4.8	0.3	3.0	6.8	0.5	0.9	1.3	1.7	3.4	0.9	0.4
Total Del/Veh (s)	59.5	20.1	13.0	73.6	27.9	8.7	55.2	58.8	38.9	54.5	37.4	20.2
Stop Delay (hr)	1.2	4.0	0.3	2.8	5.3	0.3	0.8	1.2	1.6	3.1	0.8	0.4
Stop Del/Veh (s)	57.9	16.9	11.6	69.0	21.9	5.8	51.4	52.8	36.3	50.6	32.4	18.6
Total Stops	68	377	40	173	660	138	58	74	146	231	65	65
Stop/Veh	0.89	0.44	0.43	1.19	0.76	0.64	1.00	0.91	0.94	1.04	0.77	0.81
Travel Dist (mi)	2.5	26.4	2.8	22.3	132.8	32.8	4.8	6.8	13.2	19.1	7.4	7.1
Travel Time (hr)	1.5	6.8	0.6	3.8	11.3	1.8	1.1	1.6	2.4	4.4	1.1	0.8
Avg Speed (mph)	2	5	6	6	12	18	4	4	6	5	7	9
Fuel Used (gal)	0.4	2.5	0.2	1.4	5.7	1.1	0.4	0.6	0.9	1.6	0.4	0.4
Fuel Eff. (mpg)	6.4	10.7	14.6	16.4	23.1	31.1	12.7	12.2	14.3	12.1	16.4	20.0
HC Emissions (g)	0	18	2	3	53	10	1	5	5	5	4	1
CO Emissions (g)	27	497	45	178	1496	308	70	154	225	315	133	91
NOx Emissions (g)	2	56	5	16	171	34	6	14	19	23	12	7
Vehicles Entered	74	848	92	142	860	215	57	78	152	219	83	79
Vehicles Exited	74	848	92	142	861	216	57	80	154	219	82	80
Hourly Exit Rate	74	848	92	142	861	216	57	80	154	219	82	80
Input Volume	75	850	90	140	865	220	60	80	155	210	80	80
% of Volume	99	100	102	102	100	98	95	100	100	104	102	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	1.9
Denied Del/Veh (s)	2.3
Total Delay (hr)	25.2
Total Del/Veh (s)	30.9
Stop Delay (hr)	21.8
Stop Del/Veh (s)	26.8
Total Stops	2095
Stop/Veh	0.71
Travel Dist (mi)	277.9
Travel Time (hr)	37.2
Avg Speed (mph)	8
Fuel Used (gal)	15.4
Fuel Eff. (mpg)	18.0
HC Emissions (g)	109
CO Emissions (g)	3539
NOx Emissions (g)	364
Vehicles Entered	2899
Vehicles Exited	2905
Hourly Exit Rate	2905
Input Volume	2905
% of Volume	100
Denied Entry Before	0

6: Rampart Road/Driveway & US Route 1 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	0.2	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.0	0.1	3.7	0.2	0.3	0.1	0.2	0.1
Total Delay (hr)	0.6	2.9	0.4	1.4	5.7	0.2	2.4	0.2	0.4	0.4	0.2	0.3
Total Del/Veh (s)	56.0	9.7	8.0	56.6	19.4	19.2	59.1	37.7	15.7	45.4	42.1	16.5
Stop Delay (hr)	0.5	1.6	0.2	1.3	3.4	0.2	2.3	0.1	0.4	0.4	0.2	0.3
Stop Del/Veh (s)	53.0	5.4	4.7	51.2	11.6	12.6	55.6	33.5	14.0	43.3	39.0	15.9
Total Stops	34	331	52	85	672	34	140	14	93	29	13	50
Stop/Veh	0.94	0.31	0.32	0.97	0.63	0.74	0.95	0.88	0.93	0.91	0.81	0.86
Travel Dist (mi)	3.6	107.8	16.4	11.6	139.4	6.2	9.1	1.0	6.3	1.2	0.6	2.1
Travel Time (hr)	0.7	6.6	1.0	1.8	10.5	0.5	2.9	0.2	0.7	0.5	0.2	0.4
Avg Speed (mph)	5	16	16	6	13	13	3	5	9	3	3	6
Fuel Used (gal)	0.2	4.2	0.6	0.7	5.3	0.2	0.9	0.1	0.3	0.1	0.1	0.1
Fuel Eff. (mpg)	15.2	25.6	29.7	17.2	26.1	27.0	9.9	14.2	20.6	9.7	10.1	18.0
HC Emissions (g)	1	36	5	2	43	1	2	0	2	0	0	0
CO Emissions (g)	35	1168	141	104	1163	31	133	13	78	11	7	16
NOx Emissions (g)	3	136	16	9	143	3	10	1	8	1	1	2
Vehicles Entered	35	1066	162	87	1054	46	145	16	100	32	16	57
Vehicles Exited	36	1064	162	87	1054	46	145	16	100	32	16	57
Hourly Exit Rate	36	1064	162	87	1054	46	145	16	100	32	16	57
Input Volume	35	1058	160	90	1062	45	150	15	100	30	15	55
% of Volume	104	101	101	97	99	102	97	105	100	107	107	104
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	15.0
Total Del/Veh (s)	19.1
Stop Delay (hr)	10.8
Stop Del/Veh (s)	13.7
Total Stops	1547
Stop/Veh	0.54
Travel Dist (mi)	305.3
Travel Time (hr)	26.0
Avg Speed (mph)	12
Fuel Used (gal)	12.8
Fuel Eff. (mpg)	23.8
HC Emissions (g)	91
CO Emissions (g)	2900
NOx Emissions (g)	333
Vehicles Entered	2816
Vehicles Exited	2815
Hourly Exit Rate	2815
Input Volume	2816
% of Volume	100
Denied Entry Before	0

7: US Route 1 & Shop Rite Driveway Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	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	0.1	0.1	0.0
Total Delay (hr)	1.0	2.6	1.0	0.1	1.6	0.3	6.6
Total Del/Veh (s)	53.2	8.1	3.3	2.7	44.2	12.5	8.9
Stop Delay (hr)	0.9	1.0	0.3	0.0	1.6	0.3	4.1
Stop Del/Veh (s)	49.3	3.1	1.1	0.5	42.3	12.6	5.5
Total Stops	64	348	77	15	114	68	686
Stop/Veh	0.93	0.30	0.07	0.08	0.86	0.86	0.26
Travel Dist (mi)	9.2	152.8	160.6	28.0	4.2	2.6	357.3
Travel Time (hr)	1.4	7.8	6.5	1.2	1.8	0.4	19.2
Avg Speed (mph)	7	20	25	23	2	6	19
Fuel Used (gal)	0.5	6.4	5.6	0.9	0.5	0.1	14.0
Fuel Eff. (mpg)	16.8	24.0	28.9	31.8	8.0	20.2	25.5
HC Emissions (g)	2	68	63	5	1	0	138
CO Emissions (g)	95	2215	1554	218	49	15	4145
NOx Emissions (g)	9	249	206	19	5	2	489
Vehicles Entered	67	1129	1072	186	132	78	2664
Vehicles Exited	67	1134	1072	186	131	79	2669
Hourly Exit Rate	67	1134	1072	186	131	79	2669
Input Volume	70	1121	1078	190	130	80	2669
% of Volume	96	101	99	98	101	98	100
Denied Entry Before	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 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	0.1	0.0	0.0	0.1	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.2	0.2	3.7	0.3	0.3
Total Delay (hr)	1.7	4.4	1.2	3.7	6.3	0.5	1.0	0.6	0.4	0.8	2.7	0.5
Total Del/Veh (s)	53.5	22.5	6.5	68.1	19.7	18.6	40.2	39.7	17.7	36.8	52.3	38.3
Stop Delay (hr)	1.6	3.7	0.2	3.4	4.3	0.3	0.9	0.5	0.3	0.7	2.4	0.4
Stop Del/Veh (s)	50.3	18.8	0.8	62.5	13.4	13.1	36.8	35.2	15.9	32.7	45.8	34.3
Total Stops	114	370	142	203	502	47	84	42	63	68	170	42
Stop/Veh	1.01	0.52	0.21	1.04	0.44	0.51	0.94	0.79	0.81	0.85	0.91	0.89
Travel Dist (mi)	9.7	58.7	44.9	28.5	163.4	13.3	8.5	5.1	7.5	9.4	21.7	5.5
Travel Time (hr)	2.1	6.5	3.0	4.8	12.3	1.0	1.4	0.8	0.7	1.2	3.5	0.7
Avg Speed (mph)	5	9	15	6	13	13	6	7	11	8	6	8
Fuel Used (gal)	0.7	3.1	1.4	2.0	7.8	0.6	0.6	0.3	0.3	0.5	1.3	0.3
Fuel Eff. (mpg)	13.8	18.8	31.7	14.5	21.1	22.5	15.2	17.0	22.2	17.2	16.2	18.2
HC Emissions (g)	2	23	12	6	61	7	2	1	2	2	20	1
CO Emissions (g)	106	791	384	359	2052	191	132	71	95	152	506	68
NOx Emissions (g)	9	83	43	32	243	23	9	5	7	10	50	5
Vehicles Entered	112	700	680	192	1139	91	89	52	77	79	182	46
Vehicles Exited	111	702	681	192	1138	92	88	52	78	79	181	46
Hourly Exit Rate	111	702	681	192	1138	92	88	52	78	79	181	46
Input Volume	110	692	670	190	1144	90	90	50	80	80	180	45
% of Volume	101	101	102	101	99	103	98	104	97	99	100	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	23.8
Total Del/Veh (s)	24.7
Stop Delay (hr)	18.8
Stop Del/Veh (s)	19.4
Total Stops	1847
Stop/Veh	0.53
Travel Dist (mi)	376.2
Travel Time (hr)	38.0
Avg Speed (mph)	10
Fuel Used (gal)	18.9
Fuel Eff. (mpg)	19.9
HC Emissions (g)	139
CO Emissions (g)	4909
NOx Emissions (g)	518
Vehicles Entered	3439
Vehicles Exited	3440
Hourly Exit Rate	3440
Input Volume	3422
% of Volume	101
Denied Entry Before	0

9: I-95 Ramps/Global Gas Driveway & US Route 1 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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	2.8	0.3	0.3	0.2	0.3	0.2	0.1	0.1	0.4
Total Delay (hr)	0.1	4.4	0.6	3.2	3.1	0.1	8.9	0.2	1.1	0.2	0.2	0.7
Total Del/Veh (s)	43.4	21.4	18.7	54.3	16.0	9.9	47.9	38.4	16.1	40.2	43.7	50.3
Stop Delay (hr)	0.1	2.9	0.4	3.0	2.3	0.1	7.7	0.2	0.9	0.2	0.2	0.7
Stop Del/Veh (s)	37.7	14.1	12.0	50.9	11.7	7.8	41.6	33.8	14.1	38.8	41.2	49.9
Total Stops	9	442	70	203	346	23	626	16	185	12	14	48
Stop/Veh	1.12	0.60	0.64	0.96	0.49	0.48	0.94	0.76	0.77	0.86	0.88	0.91
Travel Dist (mi)	1.1	105.8	16.0	32.3	109.0	7.3	66.6	2.1	24.1	0.3	0.3	1.2
Travel Time (hr)	0.1	8.1	1.2	4.5	6.9	0.4	11.4	0.3	2.1	0.2	0.2	0.8
Avg Speed (mph)	8	13	13	7	16	18	6	7	12	2	2	1
Fuel Used (gal)	0.1	4.7	0.7	1.7	4.2	0.2	4.4	0.1	1.0	0.0	0.1	0.2
Fuel Eff. (mpg)	18.8	22.4	23.3	19.0	25.7	30.4	15.2	18.1	24.2	7.0	6.6	5.7
HC Emissions (g)	0	34	5	5	41	3	13	0	12	0	0	0
CO Emissions (g)	10	1185	181	275	1267	82	845	29	404	3	4	15
NOx Emissions (g)	1	136	21	20	131	9	65	2	36	0	0	1
Vehicles Entered	8	727	109	207	703	47	658	20	238	14	15	53
Vehicles Exited	8	729	109	208	702	47	657	21	238	14	15	53
Hourly Exit Rate	8	729	109	208	702	47	657	21	238	14	15	53
Input Volume	8	722	110	210	700	49	660	20	230	14	15	53
% of Volume	97	101	99	99	100	96	100	106	104	102	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

9: I-95 Ramps/Global Gas Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.4
Total Delay (hr)	22.8
Total Del/Veh (s)	28.9
Stop Delay (hr)	18.6
Stop Del/Veh (s)	23.7
Total Stops	1994
Stop/Veh	0.70
Travel Dist (mi)	366.1
Travel Time (hr)	36.2
Avg Speed (mph)	10
Fuel Used (gal)	17.4
Fuel Eff. (mpg)	21.0
HC Emissions (g)	114
CO Emissions (g)	4301
NOx Emissions (g)	423
Vehicles Entered	2799
Vehicles Exited	2801
Hourly Exit Rate	2801
Input Volume	2790
% of Volume	100
Denied Entry Before	0

101: Costco Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	1.4	0.2	0.3	0.0	0.0	0.0	3.9	0.2	0.1	0.3	0.3	0.2
Total Delay (hr)	0.3	3.1	0.8	0.5	1.8	0.0	1.2	0.1	0.2	1.0	0.1	0.1
Total Del/Veh (s)	59.1	11.2	10.5	57.4	5.7	5.0	49.1	50.5	12.0	53.4	48.2	12.7
Stop Delay (hr)	0.3	1.6	0.5	0.5	0.8	0.0	1.1	0.1	0.2	1.0	0.1	0.1
Stop Del/Veh (s)	55.8	5.8	5.9	54.4	2.7	2.1	46.5	46.4	11.7	51.8	45.6	13.0
Total Stops	18	372	122	30	181	3	80	10	62	58	9	13
Stop/Veh	1.06	0.37	0.44	0.97	0.16	0.23	0.92	1.00	0.91	0.88	0.90	0.87
Travel Dist (mi)	1.7	99.3	27.3	3.5	125.7	1.5	3.7	0.4	3.0	1.6	0.3	0.4
Travel Time (hr)	0.3	6.5	2.0	0.6	6.3	0.1	1.4	0.2	0.4	1.1	0.1	0.1
Avg Speed (mph)	5	15	14	6	20	19	3	3	8	2	2	5
Fuel Used (gal)	0.1	4.1	1.0	0.3	6.3	0.1	0.4	0.0	0.1	0.3	0.0	0.0
Fuel Eff. (mpg)	14.4	24.5	27.0	13.9	20.0	22.5	8.4	9.8	21.6	5.6	7.0	17.0
HC Emissions (g)	0	38	9	2	66	0	3	0	1	1	0	0
CO Emissions (g)	17	1317	322	75	2515	20	84	6	29	28	4	3
NOx Emissions (g)	1	132	31	7	259	2	8	1	3	3	0	0
Vehicles Entered	16	1001	278	31	1103	13	86	10	68	65	10	15
Vehicles Exited	16	1000	278	31	1102	13	85	10	67	66	10	15
Hourly Exit Rate	16	1000	278	31	1102	13	85	10	67	66	10	15
Input Volume	15	1000	285	30	1094	15	80	10	70	70	10	15
% of Volume	105	100	97	103	101	85	106	98	96	94	98	98
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

101: Costco Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.3
Total Delay (hr)	9.2
Total Del/Veh (s)	12.2
Stop Delay (hr)	6.3
Stop Del/Veh (s)	8.3
Total Stops	958
Stop/Veh	0.35
Travel Dist (mi)	268.5
Travel Time (hr)	19.1
Avg Speed (mph)	14
Fuel Used (gal)	12.8
Fuel Eff. (mpg)	21.0
HC Emissions (g)	120
CO Emissions (g)	4420
NOx Emissions (g)	447
Vehicles Entered	2696
Vehicles Exited	2693
Hourly Exit Rate	2693
Input Volume	2696
% of Volume	100
Denied Entry Before	0

102: Pure Hockey Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Delay (hr)	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	0.1	0.1	0.0
Total Delay (hr)	0.6	0.0	0.4	0.0	0.0	0.1	1.2
Total Del/Veh (s)	2.0	2.1	1.7	1.5	3.3	6.9	2.0
Stop Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.2
Stop Del/Veh (s)	0.1	0.1	0.1	0.2	3.2	7.0	0.3
Total Stops	2	0	7	0	18	54	81
Stop/Veh	0.00	0.00	0.01	0.00	1.00	0.98	0.04
Travel Dist (mi)	66.0	4.3	40.2	3.5	0.4	0.9	115.4
Travel Time (hr)	3.0	0.2	1.8	0.2	0.0	0.2	5.4
Avg Speed (mph)	22	19	22	16	10	6	21
Fuel Used (gal)	3.7	0.2	1.9	0.1	0.0	0.0	6.1
Fuel Eff. (mpg)	17.6	21.8	21.0	25.8	34.8	20.5	19.1
HC Emissions (g)	46	1	16	5	0	0	69
CO Emissions (g)	1759	68	640	101	1	4	2572
NOx Emissions (g)	178	6	72	15	0	0	271
Vehicles Entered	1021	52	868	77	18	55	2091
Vehicles Exited	1021	52	868	77	18	55	2091
Hourly Exit Rate	1021	52	868	77	18	55	2091
Input Volume	1024	56	871	81	16	59	2107
% of Volume	100	93	100	95	111	94	99
Denied Entry Before	0	0	0	0	0	0	0

103: US Route 1 & Home Depot Driveway Performance by movement

Movement	EBT	EBR	WBT	WBR	NWL	NWR	All
Denied Delay (hr)	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	0.1	0.1	0.0
Total Delay (hr)	0.4	0.0	0.5	0.0	0.0	0.1	1.0
Total Del/Veh (s)	1.1	1.1	1.8	1.1	11.7	6.9	1.5
Stop Delay (hr)	0.1	0.0	0.0	0.0	0.0	0.0	0.1
Stop Del/Veh (s)	0.2	0.1	0.1	0.1	9.6	4.7	0.2
Total Stops	7	0	1	0	9	34	51
Stop/Veh	0.01	0.00	0.00	0.00	1.00	1.00	0.02
Travel Dist (mi)	66.8	0.3	54.3	0.6	0.2	0.6	122.8
Travel Time (hr)	2.8	0.0	2.5	0.0	0.0	0.1	5.4
Avg Speed (mph)	24	25	22	25	5	7	23
Fuel Used (gal)	3.7	0.0	3.2	0.0	0.0	0.0	7.0
Fuel Eff. (mpg)	18.0	19.9	16.9	17.2	19.1	26.4	17.5
HC Emissions (g)	55	0	39	0	0	0	95
CO Emissions (g)	2097	7	1416	17	1	2	3540
NOx Emissions (g)	194	1	161	1	0	0	358
Vehicles Entered	1272	5	981	9	9	34	2310
Vehicles Exited	1272	4	981	9	9	34	2309
Hourly Exit Rate	1272	4	981	9	9	34	2309
Input Volume	1270	5	990	10	10	33	2318
% of Volume	100	80	99	88	88	103	100
Denied Entry Before	0	0	0	0	0	0	0

104: Twin Towers Office Driveway & US Route 1 Performance by movement

Movement	EBT	EBR	WBT	NBL	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0
Total Delay (hr)	1.8	0.0	1.1	0.6	3.5
Total Del/Veh (s)	5.4	3.7	3.2	50.7	5.1
Stop Delay (hr)	0.3	0.0	0.4	0.5	1.3
Stop Del/Veh (s)	1.0	0.2	1.4	48.2	1.9
Total Stops	94	1	108	36	239
Stop/Veh	0.08	0.06	0.09	0.90	0.10
Travel Dist (mi)	196.4	2.7	91.0	2.1	292.2
Travel Time (hr)	8.8	0.1	4.2	0.7	13.8
Avg Speed (mph)	22	21	22	3	21
Fuel Used (gal)	8.7	0.1	4.5	0.2	13.6
Fuel Eff. (mpg)	22.5	24.6	20.2	11.2	21.6
HC Emissions (g)	96	1	58	1	155
CO Emissions (g)	3047	28	2035	28	5138
NOx Emissions (g)	376	3	212	2	593
Vehicles Entered	1214	16	1172	40	2442
Vehicles Exited	1213	17	1172	39	2441
Hourly Exit Rate	1213	17	1172	39	2441
Input Volume	1206	17	1180	40	2443
% of Volume	101	99	99	98	100
Denied Entry Before	0	0	0	0	0

105: US Route 1 & Kohl's Driveway Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.2	0.0
Total Delay (hr)	0.6	1.2	0.3	2.8	0.2	0.0	1.1	0.2	6.4
Total Del/Veh (s)	57.0	3.6	22.9	8.9	8.2	9.0	47.0	6.9	8.6
Stop Delay (hr)	0.6	0.6	0.2	0.7	0.1	0.0	1.0	0.2	3.4
Stop Del/Veh (s)	54.5	1.7	18.1	2.3	2.2	9.0	45.1	6.6	4.6
Total Stops	39	138	38	193	21	8	71	75	583
Stop/Veh	0.98	0.12	0.88	0.17	0.22	0.89	0.87	0.83	0.22
Travel Dist (mi)	3.1	92.7	4.3	110.9	9.7	0.2	2.1	2.3	225.3
Travel Time (hr)	0.8	4.3	0.4	6.7	0.6	0.0	1.2	0.3	14.3
Avg Speed (mph)	4	22	10	17	15	6	2	7	16
Fuel Used (gal)	0.2	3.8	0.2	5.5	0.4	0.0	0.3	0.1	10.6
Fuel Eff. (mpg)	13.8	24.5	18.7	20.2	23.0	22.4	6.5	25.3	21.3
HC Emissions (g)	1	42	2	56	4	0	1	1	107
CO Emissions (g)	35	1423	68	1861	126	1	38	15	3566
NOx Emissions (g)	3	152	7	226	17	0	4	2	411
Vehicles Entered	39	1165	43	1120	96	8	80	89	2640
Vehicles Exited	38	1165	43	1121	97	9	81	89	2643
Hourly Exit Rate	38	1165	43	1121	97	9	81	89	2643
Input Volume	40	1158	42	1131	98	7	80	85	2642
% of Volume	95	101	102	99	99	124	101	104	100
Denied Entry Before	0	0	0	0	0	0	0	0	0

106: Stop & Shop Driveway/Best Buy Driveway & US Route 1 Performance by movement

Movement	EBT	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.1	0.1	1.4	0.9	0.7	0.1
Total Delay (hr)	2.2	1.8	1.4	0.4	0.1	0.3	1.6	0.2	0.3	8.2
Total Del/Veh (s)	6.2	71.1	4.5	45.3	43.5	9.9	51.1	51.3	13.1	10.4
Stop Delay (hr)	1.0	1.7	0.4	0.4	0.1	0.3	1.5	0.1	0.3	5.8
Stop Del/Veh (s)	2.8	67.4	1.2	43.4	40.7	9.5	49.2	48.3	12.9	7.3
Total Stops	194	86	112	26	9	79	93	8	58	665
Stop/Veh	0.15	0.96	0.10	0.87	0.82	0.77	0.83	0.73	0.81	0.23
Travel Dist (mi)	191.4	7.9	103.8	0.9	0.3	3.2	3.0	0.3	1.9	312.7
Travel Time (hr)	8.7	2.1	5.0	0.4	0.1	0.5	1.8	0.2	0.4	19.3
Avg Speed (mph)	22	4	21	2	2	7	2	2	5	16
Fuel Used (gal)	7.6	0.7	4.8	0.1	0.0	0.1	0.5	0.0	0.1	14.1
Fuel Eff. (mpg)	25.1	11.2	21.5	8.2	8.4	22.2	5.9	6.0	17.7	22.1
HC Emissions (g)	79	4	53	1	0	1	1	0	1	139
CO Emissions (g)	2416	128	1643	16	5	28	47	5	15	4303
NOx Emissions (g)	289	13	210	2	0	3	5	0	2	523
Vehicles Entered	1263	88	1147	30	11	102	111	11	72	2835
Vehicles Exited	1263	88	1146	30	11	102	110	11	72	2833
Hourly Exit Rate	1263	88	1146	30	11	102	110	11	72	2833
Input Volume	1248	88	1152	30	10	100	110	10	73	2822
% of Volume	101	100	99	100	107	102	100	107	99	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	4.0
Denied Del/Veh (s)	1.6
Total Delay (hr)	161.8
Total Del/Veh (s)	63.1
Stop Delay (hr)	121.1
Stop Del/Veh (s)	47.2
Total Stops	13701
Stop/Veh	1.48
Travel Dist (mi)	4073.8
Travel Time (hr)	314.5
Avg Speed (mph)	13
Fuel Used (gal)	200.4
Fuel Eff. (mpg)	20.3
HC Emissions (g)	1891
CO Emissions (g)	65423
NOx Emissions (g)	6919
Vehicles Entered	8927
Vehicles Exited	8932
Hourly Exit Rate	8932
Input Volume	42030
% of Volume	21
Denied Entry Before	2

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Richards Ave	3	19.3	32.7	0.1	13	13	18.3
Total		19.3	32.7	0.1	13	13	18.3

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Richards Ave	12	20.0	13	19.0	13	17.9	12
Total	12	20.0	13	19.0	13	17.9	12

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Richards Ave	20.3	12	19.9	12	20.2	13	18.8
Total	20.3	12	19.9	12	20.2	13	18.8

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Richards Ave	13	19.1	12	19.4
Total	13	19.1	12	19.4

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
	101	5.7	19.5	0.1	21	23	4.3
Total		5.7	19.5	0.1	21	23	4.3

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
	21	6.1	21	5.5	22	5.2	22
Total	21	6.1	21	5.5	22	5.2	22

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
	5.1	21	5.8	19	7.5	21	6.1
Total	5.1	21	5.8	19	7.5	21	6.1

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
	21	5.4	21	6.0
Total	21	5.4	21	6.0

Arterial Level of Service: EB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Pure Hockey Driveway	102	2.3	10.1	0.1	28	28	2.2
Liquidators Driveway	4	6.2	10.8	0.1	20	20	6.6
	103	1.2	7.5	0.1	35	35	1.2
Keeler Ave	5	19.8	28.7	0.1	8	8	19.7
Twin Towers Office D	104	5.4	24.9	0.2	23	23	5.4
	105	3.6	13.3	0.1	22	22	3.2
Rampart Road	6	8.6	20.8	0.1	18	17	9.5
Shop Rite Driveway	7	8.7	24.9	0.1	20	20	8.4
Stop & Shop Driveway	106	6.5	24.6	0.2	22	23	5.8
Scribner Avenue	8	23.2	33.3	0.1	10	10	23.3
I-95 Ramps	9	20.8	38.2	0.1	14	14	19.1
Total		106.4	237.1	1.1	18	18	104.4

Arterial Level of Service: EB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Pure Hockey Driveway	29	2.2	29	2.1	28	2.3	28
Liquidators Driveway	21	6.2	21	6.0	22	5.6	20
	36	1.1	35	1.2	35	1.2	35
Keeler Ave	8	18.9	8	19.6	8	21.2	8
Twin Towers Office D	23	5.5	23	5.2	23	5.5	23
	22	3.4	22	3.5	22	3.6	21
Rampart Road	18	8.6	18	8.3	18	8.4	17
Shop Rite Driveway	20	8.2	20	8.5	21	7.6	20
Stop & Shop Driveway	22	6.5	22	6.5	23	6.3	23
Scribner Avenue	10	24.4	10	23.3	10	22.1	10
I-95 Ramps	13	22.7	14	20.0	12	26.7	13
Total	18	107.8	18	104.3	17	110.5	18

Arterial Level of Service: EB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Pure Hockey Driveway	2.3	28	2.4	28	2.2	28	2.3
Liquidators Driveway	6.6	21	6.2	20	6.2	20	6.7
	1.2	35	1.1	34	1.4	35	1.1
Keeler Ave	20.0	8	18.9	8	21.1	8	19.7
Twin Towers Office D	5.5	23	5.3	23	6.0	24	5.1
	3.7	21	3.7	21	3.8	20	4.6
Rampart Road	8.9	18	8.7	18	8.1	18	8.6
Shop Rite Driveway	7.9	19	9.2	19	9.4	19	9.5
Stop & Shop Driveway	6.2	22	7.1	22	6.9	22	6.5
Scribner Avenue	23.0	10	23.3	10	23.5	10	22.3
I-95 Ramps	22.5	14	20.5	14	19.1	15	17.9
Total	107.6	18	106.4	18	107.8	18	104.4

Arterial Level of Service: EB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Pure Hockey Driveway	27	2.5	29	2.1
Liquidators Driveway	21	6.0	21	6.1
	35	1.2	34	1.3
Keeler Ave	8	19.6	8	19.3
Twin Towers Office D	24	4.9	23	5.6
	22	3.3	22	3.7
Rampart Road	18	8.1	17	9.0
Shop Rite Driveway	19	9.5	20	8.8
Stop & Shop Driveway	23	6.1	22	6.7
Scribner Avenue	9	24.9	10	22.5
I-95 Ramps	14	21.2	15	18.4
Total	18	107.1	18	103.4

Arterial Level of Service: WB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Global Gas Driveway	9	16.0	34.8	0.2	17	17	17.3
Scribner Avenue	8	31.8	49.0	0.1	11	10	34.0
Best Buy Driveway	106	4.1	15.1	0.1	22	21	4.4
Shop Rite Driveway	7	2.7	20.8	0.2	26	27	2.5
Driveway	6	20.1	36.0	0.1	14	14	19.4
Kohl's Driveway	105	9.0	21.0	0.1	18	18	8.2
Twin Towers Office D	104	3.2	12.6	0.1	23	23	3.1
	5	28.4	46.8	0.2	12	12	28.3
Home Depot Driveway	103	2.0	8.7	0.1	22	22	2.0
Walmart Driveway	4	10.4	18.4	0.1	14	14	10.9
Walmart Driveway	102	1.8	7.4	0.1	27	27	1.8
	3	28.6	38.4	0.1	8	9	24.3
Total		158.1	309.2	1.3	15	15	156.2

Arterial Level of Service: WB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Global Gas Driveway	17	16.2	17	16.5	17	16.2	17
Scribner Avenue	10	35.5	10	34.9	11	32.7	11
Best Buy Driveway	23	3.5	21	4.6	22	4.3	23
Shop Rite Driveway	26	2.7	27	2.4	27	2.5	27
Driveway	13	21.6	14	19.0	14	19.1	14
Kohl's Driveway	18	8.6	18	8.6	18	9.2	17
Twin Towers Office D	22	3.4	22	3.3	23	3.1	23
	12	28.1	12	27.9	12	29.6	12
Home Depot Driveway	22	2.0	22	1.8	22	1.9	22
Walmart Driveway	16	8.3	15	9.6	14	11.2	14
Walmart Driveway	27	1.8	27	1.7	27	1.8	27
	7	30.8	8	26.8	8	26.7	8
Total	15	162.4	15	157.2	15	158.3	15

Arterial Level of Service: WB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Global Gas Driveway	17.0	17	16.4	17	15.8	18	14.8
Scribner Avenue	33.1	11	29.5	11	30.4	12	28.2
Best Buy Driveway	3.3	22	4.1	23	3.5	22	4.1
Shop Rite Driveway	2.5	27	2.6	27	2.5	25	3.5
Driveway	19.3	13	22.1	13	21.6	14	20.0
Kohl's Driveway	9.2	17	9.4	17	10.1	17	9.3
Twin Towers Office D	2.9	22	3.4	23	3.0	22	3.7
	30.6	12	29.2	13	27.5	13	26.4
Home Depot Driveway	2.0	22	1.9	22	2.0	22	2.0
Walmart Driveway	11.0	16	8.6	15	10.2	13	12.5
Walmart Driveway	1.8	27	1.6	27	1.8	26	1.9
	26.3	7	30.7	7	29.8	7	29.5
Total	158.9	15	159.6	15	158.2	15	155.9

Arterial Level of Service: WB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Global Gas Driveway	18	15.3	18	14.2
Scribner Avenue	11	31.4	11	28.8
Best Buy Driveway	21	4.6	21	4.9
Shop Rite Driveway	26	3.0	26	3.2
Driveway	14	19.9	14	18.6
Kohl's Driveway	18	8.3	17	9.4
Twin Towers Office D	23	3.2	23	2.8
	12	29.4	13	26.5
Home Depot Driveway	21	2.2	22	1.8
Walmart Driveway	13	11.6	15	9.9
Walmart Driveway	27	1.8	26	2.0
	7	29.4	7	32.0
Total	15	160.0	15	154.3

Intersection: 3: Richards Ave & Connecticut Avenue/US Route 1

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	EBL	WBT	SBL	NBTL	WBL	EBT	NBL	SBTL
Maximum Green (s)	21.1	23.8	5.1	18.3	9.1	35.8	6.5	17.3
Minimum Green (s)	5.0	15.0	5.0	8.0	5.0	15.0	5.0	8.0
Recall	None	Max	None	None	None	Max	None	Max
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 4: Liquidators Driveway/Walmart Driveway & US Route 1

Phase	1	2	4	5	6	8
Movement(s) Served	EBL	WBT	NBTL	WBL	EBT	SBTL
Maximum Green (s)	6.4	38.8	19.0	6.4	38.8	19.0
Minimum Green (s)	4.0	15.0	9.0	4.0	15.0	9.0
Recall	None	Max	None	None	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 5: Keeler Ave & US Route 1

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	EBL	WBT	SBL	NBT	WBL	EBT	NBL	SBT
Maximum Green (s)	7.2	27.3	10.4	25.0	7.2	27.3	10.4	19.0
Minimum Green (s)	4.0	15.0	4.0	5.0	4.0	15.0	4.0	5.0
Recall	None	Max	None	None	None	Max	None	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 6: Rampart Road/Driveway & US Route 1

Phase	1	2	4	5	6	8
Movement(s) Served	EBL	WBT	NBTL	WBL	EBT	SBTL
Maximum Green (s)	7.5	45.5	20.8	7.5	45.5	20.8
Minimum Green (s)	5.0	15.0	8.0	5.0	15.0	8.0
Recall	None	Max	None	None	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 7: US Route 1 & Shop Rite Driveway

Phase	1	2	6	8
Movement(s) Served	EBL	WBT	EBT	SBL
Maximum Green (s)	20.0	36.9	62.5	19.7
Minimum Green (s)	4.0	15.0	5.0	9.0
Recall	None	Max	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA

Controller Summary

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

Intersection: 8: Scribner Avenue & US Route 1

Phase	1	2	3	4	5	6	7	8
Movement(s) Served	EBL	WBT	SBL	NBTL	WBL	EBT	NBL	SBTL
Maximum Green (s)	10.7	34.9	6.9	39.1	17.7	27.9	6.2	22.0
Minimum Green (s)	5.0	15.0	1.0	5.0	5.0	15.0	5.0	5.0
Recall	None	Max	None	None	None	Max	None	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 9: I-95 Ramps/Global Gas Driveway & US Route 1

Phase	2	4	5	6	8
Movement(s) Served	WBTL	NBTL	WBL	EBTL	SBTL
Maximum Green (s)	51.3	30.7	13.0	34.3	19.0
Minimum Green (s)	15.0	9.0	5.0	15.0	5.0
Recall	Min	None	None	Min	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 101: Costco Driveway & US Route 1

Phase	1	2	4	5	6	8
Movement(s) Served	EBL	WBT	NBTL	WBL	EBT	SBTL
Maximum Green (s)	5.4	33.7	23.9	5.4	33.7	23.9
Minimum Green (s)	5.0	15.0	8.0	5.0	15.0	8.0
Recall	None	Max	None	None	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 104: Twin Towers Office Driveway & US Route 1

Phase	2	4	5	6
Movement(s) Served	WBT	NBL	WBL	EBT
Maximum Green (s)	44.9	24.0	5.7	33.9
Minimum Green (s)	28.0	9.0	5.0	28.0
Recall	Max	None	None	Max
Avg. Green (s)	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA

Controller Summary

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

Intersection: 105: US Route 1 & Kohl's Driveway

Phase	1	2	4	6	8
Movement(s) Served	EBL	WBTL	NBR	EBT	SBL
Maximum Green (s)	6.5	43.6	23.6	55.6	24.6
Minimum Green (s)	5.0	20.0	20.0	20.0	9.0
Recall	None	Max	Max	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA

Controller Summary

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

Intersection: 106: Stop & Shop Driveway/Best Buy Driveway & US Route 1

Phase	1	2	4	5	6	8
Movement(s) Served	EBL	WBT	NBTL	WBL	EBT	SBTL
Maximum Green (s)	16.7	49.2	25.0	16.7	49.2	24.0
Minimum Green (s)	5.0	15.0	9.0	5.0	15.0	9.0
Recall	None	Max	None	None	Max	None
Avg. Green (s)	0.0	0.0	0.0	0.0	0.0	0.0
g/C Ratio	NA	NA	NA	NA	NA	NA
Cycles Skipped (%)	NA	NA	NA	NA	NA	NA
Cycles @ Minimum (%)	NA	NA	NA	NA	NA	NA
Cycles Maxed Out (%)	NA	NA	NA	NA	NA	NA
Cycles with Peds (%)	NA	NA	NA	NA	NA	NA

Controller Summary

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

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	4:30	4:30	4:30	4:30	4:30	4:30	4:30
End Time	6:00	6:00	6:00	6:00	6:00	6:00	6:00
Total Time (min)	90	90	90	90	90	90	90
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4	4	4	4
Vehs Entered	8347	8564	8633	8405	8518	8396	8467
Vehs Exited	8440	8560	8640	8419	8471	8361	8461
Starting Vehs	443	361	398	353	364	348	383
Ending Vehs	350	365	391	339	411	383	389
Denied Entry Before	1	2	6	2	0	1	1
Travel Distance (mi)	4424	4465	4484	4359	4397	4341	4402
Travel Time (hr)	374.4	388.1	412.1	372.9	392.1	368.0	406.6
Total Delay (hr)	212.6	224.7	248.2	213.2	231.1	208.7	245.6
Total Stops	16280	16566	17541	16415	17160	15699	16734
Fuel Used (gal)	224.6	228.4	235.5	221.4	226.9	220.5	231.4

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	4:30	4:30	4:30	4:30
End Time	6:00	6:00	6:00	6:00
Total Time (min)	90	90	90	90
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4
Vehs Entered	8654	8376	8466	8481
Vehs Exited	8780	8458	8468	8506
Starting Vehs	453	424	361	381
Ending Vehs	327	342	359	356
Denied Entry Before	10	2	2	0
Travel Distance (mi)	4482	4390	4377	4412
Travel Time (hr)	390.9	379.4	420.6	390.5
Total Delay (hr)	226.7	218.5	260.3	228.9
Total Stops	16891	16825	16832	16694
Fuel Used (gal)	230.9	224.5	233.3	227.7

Interval #0 Information Seeding

Start Time	4:30
End Time	5:00
Total Time (min)	30
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2085	2100	2067	1952	1984	1998	2043
Vehs Exited	2187	2083	2094	1995	2019	1996	2061
Starting Vehs	443	361	398	353	364	348	383
Ending Vehs	341	378	371	310	329	350	365
Denied Entry Before	1	2	6	2	0	1	1
Travel Distance (mi)	1119	1086	1091	1065	1042	1079	1089
Travel Time (hr)	93.7	88.9	88.1	87.5	83.9	87.5	88.1
Total Delay (hr)	52.7	49.1	48.2	48.6	45.7	47.9	48.4
Total Stops	4144	3851	3844	3826	3613	3774	3785
Fuel Used (gal)	56.7	54.3	54.6	53.3	51.4	54.0	54.2

Interval #1 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2045	1987	2029	2025
Vehs Exited	2160	2020	2022	2060
Starting Vehs	453	424	361	381
Ending Vehs	338	391	368	356
Denied Entry Before	10	2	2	0
Travel Distance (mi)	1092	1099	1079	1084
Travel Time (hr)	93.4	97.4	87.8	89.6
Total Delay (hr)	53.2	57.2	48.2	49.9
Total Stops	4031	4291	3780	3895
Fuel Used (gal)	55.7	56.7	53.8	54.5

Interval #2 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	1960	2008	2039	1966	1999	2004	2064
Vehs Exited	1990	2029	2035	1933	2017	2025	2086
Starting Vehs	341	378	371	310	329	350	365
Ending Vehs	311	357	375	343	311	329	343
Denied Entry Before	3	1	3	0	1	2	0
Travel Distance (mi)	1055	1073	1075	1008	1071	1013	1101
Travel Time (hr)	83.7	89.1	89.7	77.7	86.9	81.2	90.1
Total Delay (hr)	45.3	50.0	50.6	40.6	47.9	43.9	49.8
Total Stops	3642	3779	3856	3389	3723	3510	3839
Fuel Used (gal)	52.5	54.0	54.2	49.2	53.1	50.3	55.5

Interval #2 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2109	2016	2085	2021
Vehs Exited	2046	2045	2090	2029
Starting Vehs	338	391	368	356
Ending Vehs	401	362	363	349
Denied Entry Before	6	3	0	0
Travel Distance (mi)	1088	1082	1086	1065
Travel Time (hr)	90.7	89.0	93.3	87.1
Total Delay (hr)	50.9	49.2	53.5	48.2
Total Stops	3946	3931	3905	3750
Fuel Used (gal)	54.8	54.3	55.2	53.3

Interval #3 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2368	2395	2419	2446	2427	2385	2342
Vehs Exited	2225	2269	2278	2298	2254	2248	2176
Starting Vehs	311	357	375	343	311	329	343
Ending Vehs	454	483	516	491	484	466	509
Denied Entry Before	0	5	2	5	10	0	2
Travel Distance (mi)	1134	1191	1168	1142	1141	1168	1122
Travel Time (hr)	100.2	110.9	118.0	105.4	110.1	105.6	112.1
Total Delay (hr)	58.4	67.2	75.1	63.4	68.2	62.9	70.8
Total Stops	4332	4959	5194	4711	4939	4467	4662
Fuel Used (gal)	58.3	62.6	63.9	59.7	61.3	61.0	60.6

Interval #3 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2407	2366	2358	2391
Vehs Exited	2375	2312	2242	2267
Starting Vehs	401	362	363	349
Ending Vehs	433	416	479	468
Denied Entry Before	4	9	1	1
Travel Distance (mi)	1171	1129	1136	1150
Travel Time (hr)	108.2	103.8	123.4	109.8
Total Delay (hr)	65.1	62.3	81.8	67.5
Total Stops	4647	4665	4872	4749
Fuel Used (gal)	61.9	59.5	63.6	61.2

Interval #4 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	1934	2061	2108	2041	2108	2009	2018
Vehs Exited	2038	2179	2233	2193	2181	2092	2138
Starting Vehs	454	483	516	491	484	466	509
Ending Vehs	350	365	391	339	411	383	389
Denied Entry Before	3	5	17	1	3	0	7
Travel Distance (mi)	1115	1115	1150	1144	1144	1081	1090
Travel Time (hr)	96.9	99.1	116.3	102.4	111.3	93.7	116.3
Total Delay (hr)	56.1	58.4	74.3	60.5	69.3	54.0	76.6
Total Stops	4162	3977	4647	4489	4885	3948	4448
Fuel Used (gal)	57.1	57.5	62.7	59.1	61.0	55.2	61.1

Interval #4 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2093	2007	1994	2039
Vehs Exited	2199	2081	2114	2142
Starting Vehs	433	416	479	468
Ending Vehs	327	342	359	356
Denied Entry Before	8	3	23	4
Travel Distance (mi)	1131	1080	1076	1113
Travel Time (hr)	98.6	89.2	116.1	104.0
Total Delay (hr)	57.4	49.7	76.7	63.3
Total Stops	4267	3938	4275	4303
Fuel Used (gal)	58.4	54.1	60.6	58.7

3: Richards Ave & Connecticut Avenue/US Route 1 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	0.2	0.1	0.1	0.3	0.2	0.3
Denied Del/Veh (s)	0.4	0.2	0.2	0.0	0.0	0.6	5.6	3.2	3.5	8.1	5.9	6.2
Total Delay (hr)	7.7	10.3	1.5	0.8	6.1	1.4	2.2	1.9	0.9	1.8	2.2	2.1
Total Del/Veh (s)	106.9	34.6	22.6	55.5	34.9	33.2	51.3	50.3	36.7	55.6	60.7	41.1
Stop Delay (hr)	7.1	7.4	1.0	0.7	5.0	1.2	2.0	1.7	0.8	1.7	2.0	1.9
Stop Del/Veh (s)	99.7	25.0	14.4	52.5	29.0	28.7	47.7	44.7	34.5	51.8	54.5	38.1
Total Stops	305	792	127	49	426	109	140	122	79	122	113	154
Stop/Veh	1.18	0.74	0.52	1.00	0.68	0.73	0.92	0.88	0.90	1.03	0.86	0.84
Travel Dist (mi)	28.1	116.1	22.9	4.0	49.7	11.8	7.9	7.4	4.7	5.2	5.8	8.1
Travel Time (hr)	8.8	14.4	2.4	0.9	7.8	1.9	2.7	2.3	1.2	2.3	2.6	2.8
Avg Speed (mph)	3	8	10	4	6	6	3	3	4	3	2	3
Fuel Used (gal)	2.8	7.0	1.2	0.3	2.9	0.7	0.9	0.7	0.4	0.7	0.8	0.9
Fuel Eff. (mpg)	10.1	16.5	19.4	13.7	16.9	17.7	8.7	9.9	11.5	7.2	7.7	9.5
HC Emissions (g)	4	57	4	1	12	8	2	3	1	3	1	5
CO Emissions (g)	324	1879	252	43	480	171	134	124	56	107	76	139
NOx Emissions (g)	28	217	24	3	50	19	12	12	5	11	7	14
Vehicles Entered	248	1053	241	48	620	148	150	136	86	117	129	179
Vehicles Exited	250	1054	241	48	621	148	149	136	87	117	128	179
Hourly Exit Rate	250	1054	241	48	621	148	149	136	87	117	128	179
Input Volume	250	1071	240	55	609	150	150	140	90	120	130	180
% of Volume	100	98	100	87	102	99	99	97	97	98	98	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	1.3
Denied Del/Veh (s)	1.5
Total Delay (hr)	38.8
Total Del/Veh (s)	43.5
Stop Delay (hr)	32.7
Stop Del/Veh (s)	36.7
Total Stops	2538
Stop/Veh	0.79
Travel Dist (mi)	271.5
Travel Time (hr)	50.3
Avg Speed (mph)	6
Fuel Used (gal)	19.3
Fuel Eff. (mpg)	14.1
HC Emissions (g)	102
CO Emissions (g)	3786
NOx Emissions (g)	402
Vehicles Entered	3155
Vehicles Exited	3158
Hourly Exit Rate	3158
Input Volume	3185
% of Volume	99
Denied Entry Before	0

4: Liquidators Driveway/Walmart Driveway & US Route 1 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	0.1	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.1	0.1	0.0	0.0	4.0	0.2	0.1	2.2	4.4	0.7
Total Delay (hr)	0.6	2.4	0.1	0.3	2.0	0.2	0.2	0.1	0.2	2.8	0.1	0.1
Total Del/Veh (s)	56.6	6.8	5.6	57.8	8.6	7.6	46.5	46.8	14.5	65.4	68.6	8.0
Stop Delay (hr)	0.6	1.5	0.1	0.2	1.2	0.2	0.2	0.1	0.2	2.7	0.1	0.1
Stop Del/Veh (s)	54.6	4.4	4.2	54.8	5.2	5.1	44.2	43.9	13.8	62.4	64.2	7.5
Total Stops	38	286	13	16	224	37	14	4	54	138	5	33
Stop/Veh	0.95	0.23	0.25	1.00	0.27	0.31	0.88	0.80	0.89	0.90	0.83	0.80
Travel Dist (mi)	2.0	65.4	2.7	1.1	58.9	8.4	0.6	0.2	2.5	5.8	0.2	1.6
Travel Time (hr)	0.7	4.7	0.2	0.3	4.0	0.6	0.3	0.1	0.4	3.1	0.1	0.2
Avg Speed (mph)	3	14	13	4	15	14	3	3	7	2	2	9
Fuel Used (gal)	0.2	3.7	0.1	0.1	2.6	0.3	0.1	0.0	0.1	0.9	0.0	0.1
Fuel Eff. (mpg)	10.5	17.8	23.6	12.1	22.7	26.8	8.1	9.4	21.7	6.4	5.8	29.5
HC Emissions (g)	0	31	0	0	23	1	0	0	0	1	0	0
CO Emissions (g)	17	1391	26	12	801	64	14	2	16	81	3	7
NOx Emissions (g)	1	129	3	1	88	6	1	0	2	8	0	1
Vehicles Entered	39	1257	51	16	831	118	15	5	61	150	6	41
Vehicles Exited	38	1258	50	15	832	117	16	5	61	152	6	41
Hourly Exit Rate	38	1258	50	15	832	117	16	5	61	152	6	41
Input Volume	40	1265	50	15	830	120	15	5	60	150	5	40
% of Volume	95	99	100	98	100	97	107	105	101	101	114	103
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

4: Liquidators Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	9.1
Total Del/Veh (s)	12.6
Stop Delay (hr)	7.2
Stop Del/Veh (s)	9.9
Total Stops	862
Stop/Veh	0.33
Travel Dist (mi)	149.4
Travel Time (hr)	14.7
Avg Speed (mph)	10
Fuel Used (gal)	8.2
Fuel Eff. (mpg)	18.2
HC Emissions (g)	58
CO Emissions (g)	2433
NOx Emissions (g)	240
Vehicles Entered	2590
Vehicles Exited	2591
Hourly Exit Rate	2591
Input Volume	2596
% of Volume	100
Denied Entry Before	0

5: Keeler Ave & US Route 1 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	0.1	0.1	0.2	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.2	0.0	0.0	0.1	0.5	3.8	3.9	3.5	0.4	0.4
Total Delay (hr)	1.8	6.1	0.4	3.1	5.5	0.5	1.1	1.8	1.8	3.0	2.0	0.6
Total Del/Veh (s)	69.1	20.7	17.4	79.8	31.1	10.3	68.5	66.8	49.6	59.5	46.7	31.2
Stop Delay (hr)	1.7	4.9	0.4	2.9	4.6	0.4	1.0	1.6	1.7	2.8	1.7	0.6
Stop Del/Veh (s)	66.4	16.5	14.8	75.7	25.9	7.9	64.6	60.2	46.4	55.3	40.5	28.4
Total Stops	97	522	46	161	495	128	63	88	126	188	128	65
Stop/Veh	1.04	0.49	0.50	1.17	0.77	0.70	1.11	0.93	0.94	1.03	0.85	0.89
Travel Dist (mi)	4.6	50.9	4.4	21.2	96.5	27.1	4.7	8.0	11.3	15.5	13.2	6.4
Travel Time (hr)	2.0	7.8	0.7	3.9	8.8	1.6	1.3	2.1	2.5	3.8	2.4	0.9
Avg Speed (mph)	2	7	7	6	11	17	4	4	5	4	6	7
Fuel Used (gal)	0.5	3.1	0.2	1.3	4.2	0.8	0.4	0.7	0.9	1.4	0.9	0.4
Fuel Eff. (mpg)	8.7	16.6	19.7	16.1	23.2	32.1	11.2	11.1	12.6	11.4	14.5	16.8
HC Emissions (g)	0	16	0	6	34	4	3	2	2	4	6	1
CO Emissions (g)	39	461	20	207	974	156	102	124	172	268	239	82
NOx Emissions (g)	3	59	2	19	108	15	9	9	13	20	21	7
Vehicles Entered	92	1053	92	136	635	180	55	92	131	177	149	72
Vehicles Exited	92	1054	92	135	635	181	56	94	132	178	148	72
Hourly Exit Rate	92	1054	92	135	635	181	56	94	132	178	148	72
Input Volume	90	1054	90	135	634	180	55	90	130	180	150	75
% of Volume	102	100	102	100	100	101	102	104	102	99	99	96
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.5
Denied Del/Veh (s)	0.6
Total Delay (hr)	27.7
Total Del/Veh (s)	34.5
Stop Delay (hr)	24.3
Stop Del/Veh (s)	30.2
Total Stops	2107
Stop/Veh	0.73
Travel Dist (mi)	263.7
Travel Time (hr)	37.8
Avg Speed (mph)	7
Fuel Used (gal)	14.8
Fuel Eff. (mpg)	17.8
HC Emissions (g)	80
CO Emissions (g)	2843
NOx Emissions (g)	285
Vehicles Entered	2864
Vehicles Exited	2869
Hourly Exit Rate	2869
Input Volume	2863
% of Volume	100
Denied Entry Before	0

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBU	NBL	NBT	NBR	SBL	SBT
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.1	0.0	0.0	3.4	3.8	0.4	0.5	0.1	0.1
Total Delay (hr)	0.4	4.3	0.5	2.2	3.9	0.1	0.1	2.6	0.1	0.6	0.4	0.1
Total Del/Veh (s)	58.1	11.7	10.5	64.1	16.2	13.9	58.9	65.0	45.8	22.2	55.6	48.8
Stop Delay (hr)	0.4	2.4	0.3	2.0	2.2	0.1	0.1	2.5	0.1	0.6	0.4	0.1
Stop Del/Veh (s)	54.4	6.7	6.4	59.0	9.3	8.4	56.7	61.2	41.1	20.5	53.5	45.8
Total Stops	24	438	58	113	487	19	3	140	9	95	25	9
Stop/Veh	1.00	0.34	0.35	0.91	0.57	0.59	0.75	0.96	0.90	0.94	0.89	0.82
Travel Dist (mi)	2.4	130.2	16.4	16.4	113.8	4.3	0.2	9.0	0.7	6.3	1.0	0.4
Travel Time (hr)	0.5	8.7	1.2	2.8	7.8	0.3	0.1	3.2	0.1	0.9	0.5	0.2
Avg Speed (mph)	5	15	14	6	15	14	3	3	4	7	2	2
Fuel Used (gal)	0.2	5.2	0.6	1.1	4.5	0.2	0.0	1.0	0.1	0.4	0.1	0.0
Fuel Eff. (mpg)	14.9	24.9	28.1	15.6	25.3	27.5	9.8	9.2	12.8	17.9	8.2	9.6
HC Emissions (g)	0	44	2	3	34	1	0	2	0	2	0	0
CO Emissions (g)	23	1352	94	164	1107	28	3	135	10	85	11	4
NOx Emissions (g)	2	166	10	14	129	3	0	11	1	8	1	0
Vehicles Entered	24	1293	163	121	844	31	4	144	10	100	28	11
Vehicles Exited	23	1295	163	121	844	32	4	144	10	100	28	11
Hourly Exit Rate	23	1295	163	121	844	32	4	144	10	100	28	11
Input Volume	25	1286	160	125	848	30	4	140	10	100	30	10
% of Volume	93	101	102	97	100	108	94	103	103	100	93	110
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	SBR	All
Denied Delay (hr)	0.0	0.2
Denied Del/Veh (s)	0.1	0.2
Total Delay (hr)	0.1	15.5
Total Del/Veh (s)	15.7	19.7
Stop Delay (hr)	0.1	11.3
Stop Del/Veh (s)	15.2	14.4
Total Stops	29	1449
Stop/Veh	0.88	0.51
Travel Dist (mi)	1.2	302.4
Travel Time (hr)	0.2	26.5
Avg Speed (mph)	6	12
Fuel Used (gal)	0.1	13.3
Fuel Eff. (mpg)	19.4	22.7
HC Emissions (g)	0	88
CO Emissions (g)	8	3022
NOx Emissions (g)	1	345
Vehicles Entered	32	2805
Vehicles Exited	33	2808
Hourly Exit Rate	33	2808
Input Volume	30	2798
% of Volume	110	100
Denied Entry Before	0	0

7: US Route 1 & Shop Rite Driveway Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.6	0.4	0.1
Total Delay (hr)	3.7	4.1	1.0	0.3	4.6	0.5	14.3
Total Del/Veh (s)	69.4	12.1	4.4	3.7	50.0	11.5	17.0
Stop Delay (hr)	3.4	1.8	0.4	0.1	4.4	0.5	10.5
Stop Del/Veh (s)	63.2	5.2	1.6	0.9	47.6	11.5	12.5
Total Stops	202	530	110	33	270	138	1283
Stop/Veh	1.05	0.43	0.13	0.13	0.81	0.86	0.42
Travel Dist (mi)	25.6	165.6	125.0	39.1	10.5	5.2	371.0
Travel Time (hr)	4.6	9.8	5.3	1.8	5.2	0.8	27.5
Avg Speed (mph)	6	17	24	22	2	6	14
Fuel Used (gal)	1.7	7.2	4.2	1.2	1.5	0.3	16.1
Fuel Eff. (mpg)	14.7	23.1	29.9	33.1	6.8	19.3	23.1
HC Emissions (g)	4	56	46	6	2	1	115
CO Emissions (g)	264	2067	1126	259	134	35	3885
NOx Emissions (g)	25	236	151	24	14	4	455
Vehicles Entered	187	1221	839	262	327	160	2996
Vehicles Exited	188	1223	838	262	328	160	2999
Hourly Exit Rate	188	1223	838	262	328	160	2999
Input Volume	190	1210	844	270	330	160	3004
% of Volume	99	101	99	97	99	100	100
Denied Entry Before	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 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	0.1	0.0	0.0	0.1	0.1	0.0
Denied Del/Veh (s)	0.0	0.0	0.2	0.0	0.0	0.0	3.7	0.3	0.2	4.1	0.8	1.0
Total Delay (hr)	2.0	7.8	1.7	6.9	7.8	1.2	1.2	1.0	0.4	1.3	4.7	1.2
Total Del/Veh (s)	61.0	33.5	8.4	94.9	26.5	25.0	43.4	40.3	23.2	49.3	68.0	56.8
Stop Delay (hr)	1.8	6.7	0.3	6.4	5.5	0.8	1.1	0.9	0.4	1.1	4.1	1.0
Stop Del/Veh (s)	57.3	28.6	1.6	88.3	18.6	17.6	39.7	35.2	20.9	43.5	59.2	50.6
Total Stops	123	510	198	288	556	95	96	72	51	95	249	74
Stop/Veh	1.06	0.61	0.27	1.10	0.53	0.55	0.97	0.81	0.82	1.01	1.01	1.01
Travel Dist (mi)	9.9	69.4	48.3	37.1	153.3	25.0	9.4	8.5	6.0	11.0	28.9	8.5
Travel Time (hr)	2.4	10.2	3.5	8.4	13.4	2.2	1.7	1.3	0.7	1.8	5.7	1.5
Avg Speed (mph)	4	7	14	4	11	11	6	7	9	6	5	6
Fuel Used (gal)	0.8	4.2	1.5	3.0	7.6	1.2	0.6	0.5	0.3	0.7	2.0	0.5
Fuel Eff. (mpg)	12.9	16.5	31.6	12.3	20.1	21.7	14.7	16.3	20.3	15.4	14.2	15.6
HC Emissions (g)	2	26	7	7	33	3	3	4	1	10	5	1
CO Emissions (g)	106	882	298	459	1551	191	157	161	79	287	339	98
NOx Emissions (g)	8	100	31	40	179	22	12	14	6	28	25	7
Vehicles Entered	114	826	734	251	1046	170	98	88	62	92	241	72
Vehicles Exited	113	829	735	253	1043	170	98	88	62	93	243	72
Hourly Exit Rate	113	829	735	253	1043	170	98	88	62	93	243	72
Input Volume	110	815	740	240	1044	160	100	90	65	90	240	70
% of Volume	103	102	99	105	100	106	98	98	96	104	101	102
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.3
Denied Del/Veh (s)	0.3
Total Delay (hr)	37.1
Total Del/Veh (s)	34.7
Stop Delay (hr)	30.1
Stop Del/Veh (s)	28.2
Total Stops	2407
Stop/Veh	0.63
Travel Dist (mi)	415.4
Travel Time (hr)	52.8
Avg Speed (mph)	8
Fuel Used (gal)	23.1
Fuel Eff. (mpg)	18.0
HC Emissions (g)	104
CO Emissions (g)	4608
NOx Emissions (g)	473
Vehicles Entered	3794
Vehicles Exited	3799
Hourly Exit Rate	3799
Input Volume	3764
% of Volume	101
Denied Entry Before	0

9: I-95 Ramps/Global Gas Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.2	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.5
Denied Del/Veh (s)	0.0	0.0	0.0	2.8	0.3	0.3	0.7	0.6	0.8	0.1	0.3	0.6
Total Delay (hr)	0.1	5.3	0.6	4.1	2.8	0.1	16.1	0.5	4.0	0.2	0.7	34.4
Total Del/Veh (s)	34.5	21.8	20.1	57.4	15.0	9.5	76.2	54.2	35.0	51.3	53.2	38.5
Stop Delay (hr)	0.1	3.1	0.4	3.8	2.1	0.1	14.3	0.4	3.5	0.2	0.7	28.6
Stop Del/Veh (s)	27.2	12.7	11.6	53.5	11.0	7.6	67.8	47.5	30.7	48.9	52.8	31.9
Total Stops	8	542	74	244	312	20	879	27	350	11	45	2512
Stop/Veh	1.14	0.62	0.66	0.96	0.47	0.49	1.16	0.84	0.85	0.92	0.90	0.78
Travel Dist (mi)	1.0	124.4	16.0	38.6	103.0	6.3	75.0	3.2	41.2	0.3	1.1	409.9
Travel Time (hr)	0.1	9.6	1.3	5.7	6.3	0.4	19.0	0.6	5.8	0.2	0.8	49.8
Avg Speed (mph)	9	13	13	7	16	18	4	5	7	1	1	8
Fuel Used (gal)	0.0	5.6	0.7	2.1	4.0	0.2	6.4	0.2	2.2	0.0	0.2	21.7
Fuel Eff. (mpg)	20.2	22.3	23.4	18.5	25.8	30.5	11.7	15.7	18.6	5.8	5.4	18.9
HC Emissions (g)	0	31	2	8	28	1	12	0	11	0	0	95
CO Emissions (g)	7	1212	122	357	1050	49	897	35	539	4	14	4284
NOx Emissions (g)	1	145	13	29	100	4	73	2	43	0	1	410
Vehicles Entered	7	869	110	247	664	41	743	31	406	12	49	3179
Vehicles Exited	7	868	110	251	664	41	739	31	406	12	49	3178
Hourly Exit Rate	7	868	110	251	664	41	739	31	406	12	49	3178
Input Volume	7	855	110	250	660	42	720	31	400	12	49	3136
% of Volume	100	102	100	100	101	98	103	99	101	102	101	101
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

101: Costco Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	1.7	0.3	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	2.3
Denied Del/Veh (s)	6.6	4.7	4.9	0.0	0.0	0.0	4.5	1.0	2.2	4.0	2.1	2.9
Total Delay (hr)	0.5	8.1	1.3	1.8	1.4	0.1	2.5	0.9	1.4	0.0	0.1	18.1
Total Del/Veh (s)	76.9	22.7	21.3	86.0	6.4	5.4	58.2	20.1	61.1	48.1	7.1	22.6
Stop Delay (hr)	0.5	5.4	0.9	1.8	0.7	0.0	2.3	0.9	1.3	0.0	0.1	13.9
Stop Del/Veh (s)	71.0	15.0	14.8	82.8	3.3	2.7	54.8	19.3	59.5	45.6	7.4	17.3
Total Stops	29	684	123	73	158	12	141	164	66	2	24	1476
Stop/Veh	1.21	0.53	0.57	0.95	0.20	0.21	0.92	0.98	0.82	1.00	0.86	0.51
Travel Dist (mi)	2.4	126.6	21.0	8.5	90.7	6.3	6.5	7.4	1.9	0.0	0.7	272.2
Travel Time (hr)	0.6	14.0	2.4	2.2	4.8	0.4	3.0	1.4	1.5	0.0	0.1	30.4
Avg Speed (mph)	4	10	10	4	19	18	2	6	1	2	7	10
Fuel Used (gal)	0.2	6.4	1.0	0.8	4.6	0.3	0.9	0.5	0.4	0.0	0.0	15.1
Fuel Eff. (mpg)	11.8	19.7	20.6	11.0	19.7	22.3	7.2	15.6	4.8	6.1	22.0	18.0
HC Emissions (g)	0	46	9	4	48	3	5	3	2	0	0	122
CO Emissions (g)	27	1564	268	178	1912	121	140	106	54	1	5	4376
NOx Emissions (g)	2	165	28	15	187	11	14	12	5	0	1	440
Vehicles Entered	24	1278	214	75	796	55	151	166	78	2	28	2867
Vehicles Exited	24	1276	214	73	797	55	150	166	78	2	28	2863
Hourly Exit Rate	24	1276	214	73	797	55	150	166	78	2	28	2863
Input Volume	25	1296	214	76	785	57	143	164	79	2	24	2864
% of Volume	97	98	100	96	102	97	105	101	98	100	118	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

102: Pure Hockey Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.2	0.1	0.2	0.0
Total Delay (hr)	0.0	2.4	0.0	0.4	0.1	0.3	0.1	3.4
Total Del/Veh (s)	15.6	7.1	5.9	2.0	1.6	10.5	7.9	5.3
Stop Delay (hr)	0.0	0.2	0.0	0.1	0.0	0.3	0.1	0.8
Stop Del/Veh (s)	10.9	0.7	0.4	0.3	0.2	10.5	8.0	1.2
Total Stops	8	194	1	13	2	96	56	370
Stop/Veh	0.80	0.16	0.12	0.02	0.02	0.99	0.98	0.16
Travel Dist (mi)	0.8	101.3	0.7	35.5	5.3	2.2	1.0	146.8
Travel Time (hr)	0.1	6.0	0.0	1.7	0.3	0.4	0.2	8.8
Avg Speed (mph)	11	17	16	21	16	5	5	17
Fuel Used (gal)	0.0	5.3	0.0	1.7	0.2	0.1	0.1	7.4
Fuel Eff. (mpg)	20.9	19.0	21.7	21.2	27.2	18.0	18.8	19.8
HC Emissions (g)	0	41	0	13	5	0	0	59
CO Emissions (g)	8	1669	7	558	107	10	4	2363
NOx Emissions (g)	1	187	1	58	15	1	0	263
Vehicles Entered	10	1223	8	768	123	96	57	2285
Vehicles Exited	9	1223	8	768	123	96	57	2284
Hourly Exit Rate	9	1223	8	768	123	96	57	2284
Input Volume	10	1240	10	763	126	89	59	2297
% of Volume	88	99	78	101	98	108	97	99
Denied Entry Before	0	0	0	0	0	0	0	0

103: US Route 1 & Home Depot Driveway Performance by movement

Movement	EBT	EBR	WBT	WBR	SER	NWL	NWR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.1	0.0	0.0	0.3	0.2	0.1	0.0
Total Delay (hr)	1.6	0.4	0.4	0.0	0.7	0.4	0.1	3.5
Total Del/Veh (s)	4.7	5.6	1.9	1.1	11.5	29.3	19.8	5.0
Stop Delay (hr)	0.8	0.2	0.0	0.0	0.5	0.3	0.0	1.9
Stop Del/Veh (s)	2.4	2.7	0.1	0.1	9.0	27.4	17.7	2.8
Total Stops	162	31	2	0	207	43	10	455
Stop/Veh	0.13	0.13	0.00	0.00	0.96	0.96	1.00	0.18
Travel Dist (mi)	88.9	16.9	40.4	2.9	5.0	0.8	0.2	155.2
Travel Time (hr)	4.8	1.0	1.9	0.1	0.9	0.4	0.1	9.0
Avg Speed (mph)	19	18	22	24	6	2	3	17
Fuel Used (gal)	3.8	0.8	2.4	0.2	0.3	0.1	0.0	7.6
Fuel Eff. (mpg)	23.3	20.6	16.7	16.1	17.6	8.2	12.1	20.3
HC Emissions (g)	36	9	27	4	1	0	0	79
CO Emissions (g)	1404	321	1015	124	40	9	1	2914
NOx Emissions (g)	139	35	116	12	5	1	0	308
Vehicles Entered	1235	233	703	50	215	44	10	2490
Vehicles Exited	1236	233	704	50	215	44	10	2492
Hourly Exit Rate	1236	233	704	50	215	44	10	2492
Input Volume	1233	237	703	50	210	50	10	2494
% of Volume	100	98	100	100	102	88	98	100
Denied Entry Before	0	0	0	0	0	0	0	0

104: Twin Towers Office Driveway & US Route 1 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)	0.0	0.0	0.0	0.0	0.1	0.5	0.0
Total Delay (hr)	2.4	0.0	0.5	0.5	0.1	0.4	4.0
Total Del/Veh (s)	6.3	4.4	54.5	2.0	50.3	49.8	6.0
Stop Delay (hr)	0.5	0.0	0.5	0.2	0.1	0.4	1.7
Stop Del/Veh (s)	1.4	0.1	52.2	0.6	47.9	48.7	2.6
Total Stops	127	0	31	38	9	28	233
Stop/Veh	0.09	0.00	0.97	0.04	0.90	0.90	0.10
Travel Dist (mi)	218.9	1.5	2.4	71.8	0.5	1.6	296.7
Travel Time (hr)	10.0	0.1	0.6	3.0	0.2	0.5	14.3
Avg Speed (mph)	22	21	4	24	3	3	21
Fuel Used (gal)	9.5	0.1	0.2	3.1	0.0	0.1	13.0
Fuel Eff. (mpg)	23.1	25.5	13.8	23.1	11.2	11.0	22.8
HC Emissions (g)	78	0	0	35	0	1	114
CO Emissions (g)	2702	13	26	1246	6	26	4019
NOx Emissions (g)	336	1	2	128	0	2	470
Vehicles Entered	1357	9	31	922	10	30	2359
Vehicles Exited	1358	9	31	922	10	30	2360
Hourly Exit Rate	1358	9	31	922	10	30	2360
Input Volume	1356	10	30	920	10	30	2356
% of Volume	100	88	103	100	98	100	100
Denied Entry Before	0	0	0	0	0	0	0

105: US Route 1 & Kohl's Driveway Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.1	0.0
Total Delay (hr)	0.2	1.4	0.3	1.4	0.1	0.1	1.1	0.0	4.7
Total Del/Veh (s)	58.3	3.7	31.9	5.4	4.9	14.4	52.8	5.8	6.6
Stop Delay (hr)	0.2	0.6	0.3	0.2	0.0	0.1	1.0	0.0	2.4
Stop Del/Veh (s)	55.9	1.5	27.9	0.6	0.6	14.3	50.9	5.8	3.5
Total Stops	14	141	34	63	4	28	64	20	368
Stop/Veh	1.00	0.10	0.87	0.07	0.10	0.88	0.89	0.87	0.15
Travel Dist (mi)	1.1	107.9	3.8	95.4	4.0	0.7	1.9	0.6	215.4
Travel Time (hr)	0.3	5.1	0.5	4.8	0.2	0.2	1.1	0.1	12.2
Avg Speed (mph)	4	21	8	20	18	4	2	8	18
Fuel Used (gal)	0.1	4.6	0.2	4.7	0.2	0.0	0.3	0.0	10.1
Fuel Eff. (mpg)	14.0	23.4	16.8	20.5	24.1	15.8	6.0	30.5	21.3
HC Emissions (g)	0	54	2	39	2	0	1	0	99
CO Emissions (g)	11	1796	73	1494	56	5	38	2	3475
NOx Emissions (g)	1	198	8	171	7	0	4	0	389
Vehicles Entered	14	1358	38	946	40	32	71	22	2521
Vehicles Exited	14	1361	38	946	40	32	71	22	2524
Hourly Exit Rate	14	1361	38	946	40	32	71	22	2524
Input Volume	15	1355	40	942	40	30	70	22	2514
% of Volume	92	100	95	100	100	107	101	101	100
Denied Entry Before	0	0	0	0	0	0	0	0	0

106: Stop & Shop Driveway/Best Buy Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	WBL	WBT	NBL	NBT	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0
Total Delay (hr)	0.2	2.6	3.0	1.5	0.1	0.1	0.3	0.8	0.1	0.0	8.7
Total Del/Veh (s)	68.7	6.1	83.5	4.8	45.0	43.4	13.2	56.2	48.4	13.0	10.7
Stop Delay (hr)	0.2	0.8	2.8	0.5	0.1	0.1	0.2	0.8	0.1	0.0	5.8
Stop Del/Veh (s)	65.4	2.0	79.4	1.6	43.3	40.7	12.8	54.3	45.2	12.9	7.1
Total Stops	12	204	127	126	6	7	55	49	8	9	603
Stop/Veh	1.00	0.13	0.99	0.11	0.86	0.78	0.79	0.91	0.89	0.90	0.20
Travel Dist (mi)	1.7	232.5	11.2	98.8	0.2	0.3	2.2	1.4	0.3	0.3	348.8
Travel Time (hr)	0.3	10.7	3.4	4.9	0.1	0.1	0.4	0.9	0.1	0.1	21.0
Avg Speed (mph)	6	22	3	20	2	2	6	2	2	5	17
Fuel Used (gal)	0.1	9.5	1.1	4.8	0.0	0.0	0.1	0.2	0.0	0.0	16.0
Fuel Eff. (mpg)	15.3	24.4	10.1	20.7	8.9	8.8	19.9	5.9	6.8	20.8	21.8
HC Emissions (g)	0	81	4	38	0	0	0	1	0	0	125
CO Emissions (g)	21	2756	177	1483	2	3	15	24	4	1	4486
NOx Emissions (g)	2	331	16	166	0	0	2	2	0	0	520
Vehicles Entered	12	1537	124	1097	7	9	70	54	9	10	2929
Vehicles Exited	11	1538	125	1097	7	8	70	54	9	10	2929
Hourly Exit Rate	11	1538	125	1097	7	8	70	54	9	10	2929
Input Volume	10	1528	121	1102	10	10	70	55	10	10	2927
% of Volume	107	101	104	100	68	78	100	99	88	98	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	5.5
Denied Del/Veh (s)	2.3
Total Delay (hr)	223.5
Total Del/Veh (s)	90.8
Stop Delay (hr)	171.7
Stop Del/Veh (s)	69.7
Total Stops	16694
Stop/Veh	1.88
Travel Dist (mi)	4412.1
Travel Time (hr)	390.5
Avg Speed (mph)	11
Fuel Used (gal)	227.7
Fuel Eff. (mpg)	19.4
HC Emissions (g)	1645
CO Emissions (g)	63846
NOx Emissions (g)	6594
Vehicles Entered	8481
Vehicles Exited	8506
Hourly Exit Rate	8506
Input Volume	44869
% of Volume	19
Denied Entry Before	0

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Richards Ave	3	33.6	47.0	0.1	9	9	32.1
Total		33.6	47.0	0.1	9	9	32.1

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Richards Ave	10	26.7	8	40.3	8	38.3	9
Total	10	26.7	8	40.3	8	38.3	9

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Richards Ave	33.9	11	24.6	7	46.6	10	26.0
Total	33.9	11	24.6	7	46.6	10	26.0

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Richards Ave	9	29.9	8	37.1
Total	9	29.9	8	37.1

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
	101	6.3	20.1	0.1	20	21	5.2
Total		6.3	20.1	0.1	20	21	5.2

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
	20	6.7	20	6.3	21	5.9	20
Total	20	6.7	20	6.3	21	5.9	20

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
	6.6	21	5.4	20	6.8	20	7.1
Total	6.6	21	5.4	20	6.8	20	7.1

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
	21	5.7	20	6.9
Total	21	5.7	20	6.9

Arterial Level of Service: EB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Pure Hockey Driveway	102	7.9	18.0	0.1	16	16	8.3
Liquidators Driveway	4	6.6	13.0	0.1	15	16	6.6
	103	5.0	13.7	0.1	19	20	4.3
Keeler Ave	5	20.6	26.6	0.1	7	7	20.1
Twin Towers Office D	104	5.5	24.9	0.2	23	23	5.5
	105	3.5	13.1	0.1	22	22	3.3
Rampart Road	6	10.6	22.8	0.1	16	17	9.3
Shop Rite Driveway	7	12.9	29.3	0.1	17	17	12.0
Stop & Shop Driveway	106	6.4	24.5	0.2	22	23	6.3
Scribner Avenue	8	33.9	44.0	0.1	7	7	36.1
I-95 Ramps	9	22.0	39.2	0.1	13	14	20.2
Total		135.0	269.0	1.1	15	15	132.0

Arterial Level of Service: EB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Pure Hockey Driveway	17	7.3	16	8.1	15	8.7	15
Liquidators Driveway	16	6.5	16	6.5	14	7.6	13
	19	5.2	19	5.3	22	3.5	14
Keeler Ave	7	20.4	7	21.8	8	18.0	7
Twin Towers Office D	24	5.1	23	6.1	24	5.2	24
	22	3.6	21	4.0	22	3.4	22
Rampart Road	17	9.7	14	13.3	18	8.2	16
Shop Rite Driveway	17	12.9	17	12.4	17	12.3	16
Stop & Shop Driveway	22	6.4	23	6.0	22	6.8	22
Scribner Avenue	8	33.1	7	35.6	8	31.7	7
I-95 Ramps	13	22.3	12	25.7	13	21.9	14
Total	15	132.4	15	144.7	16	127.4	14

Arterial Level of Service: EB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Pure Hockey Driveway	9.3	17	6.5	16	8.4	17	7.1
Liquidators Driveway	9.1	17	5.4	17	5.5	16	6.2
	10.7	19	5.3	20	4.4	22	3.3
Keeler Ave	22.3	7	22.5	7	21.5	7	20.2
Twin Towers Office D	5.0	23	5.5	23	5.8	23	6.2
	3.7	22	3.5	22	3.3	21	4.2
Rampart Road	11.4	17	9.9	16	10.7	15	13.0
Shop Rite Driveway	14.0	17	11.9	17	13.2	16	13.7
Stop & Shop Driveway	6.7	22	6.6	23	6.2	23	6.2
Scribner Avenue	37.0	8	30.4	8	32.0	8	30.1
I-95 Ramps	20.4	15	18.2	13	22.3	13	22.3
Total	149.7	16	125.6	15	133.4	15	132.5

Arterial Level of Service: EB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Pure Hockey Driveway	15	8.9	17	6.7
Liquidators Driveway	14	7.7	17	5.1
	19	4.8	22	3.0
Keeler Ave	7	20.9	8	18.1
Twin Towers Office D	23	5.6	24	5.3
	22	3.2	23	3.1
Rampart Road	15	12.0	17	9.0
Shop Rite Driveway	16	13.5	17	12.9
Stop & Shop Driveway	22	6.8	23	6.1
Scribner Avenue	7	34.8	7	38.2
I-95 Ramps	13	23.1	13	23.6
Total	15	141.2	15	131.0

Arterial Level of Service: WB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Global Gas Driveway	9	15.0	34.0	0.2	18	18	15.0
Scribner Avenue	8	41.8	59.3	0.1	9	9	40.4
Best Buy Driveway	106	4.3	15.2	0.1	22	19	6.2
Shop Rite Driveway	7	4.2	22.2	0.2	25	26	3.6
Driveway	6	17.8	34.0	0.1	14	15	16.6
Kohl's Driveway	105	5.8	17.9	0.1	21	20	5.8
Twin Towers Office D	104	2.0	11.4	0.1	25	26	1.7
	5	31.2	49.5	0.2	12	12	31.5
Home Depot Driveway	103	2.2	9.2	0.1	21	21	2.2
Walmart Driveway	4	7.2	15.9	0.1	17	17	6.6
Walmart Driveway	102	2.0	7.6	0.1	26	28	1.5
	3	35.1	44.8	0.1	6	7	30.8
Total		168.6	321.0	1.3	15	15	161.9

Arterial Level of Service: WB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Global Gas Driveway	18	15.1	17	15.8	18	14.6	19
Scribner Avenue	9	43.1	9	41.9	9	39.6	9
Best Buy Driveway	22	3.7	22	4.2	21	4.6	22
Shop Rite Driveway	24	4.5	24	4.6	25	3.6	25
Driveway	15	16.9	14	19.0	14	18.2	15
Kohl's Driveway	20	6.0	21	5.4	21	5.6	21
Twin Towers Office D	25	2.1	25	2.1	26	1.7	25
	12	30.9	11	32.3	12	30.6	12
Home Depot Driveway	21	2.2	21	2.2	21	2.1	21
Walmart Driveway	17	7.2	15	8.3	17	6.7	18
Walmart Driveway	27	1.8	26	2.1	27	1.7	26
	6	39.8	6	35.8	6	37.5	6
Total	14	173.4	14	173.8	15	166.5	15

Arterial Level of Service: WB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Global Gas Driveway	12.9	18	14.0	18	14.1	18	15.0
Scribner Avenue	41.6	9	39.2	9	38.8	8	46.4
Best Buy Driveway	4.2	22	3.8	22	4.1	23	3.3
Shop Rite Driveway	4.0	24	4.4	25	3.9	24	4.7
Driveway	17.5	15	17.2	15	16.6	14	18.7
Kohl's Driveway	5.6	20	6.4	20	5.9	20	6.4
Twin Towers Office D	1.9	25	2.0	25	2.1	23	2.7
	30.2	11	32.4	11	32.5	12	29.1
Home Depot Driveway	1.9	21	2.2	21	2.2	21	2.2
Walmart Driveway	5.6	16	7.8	17	7.1	16	7.5
Walmart Driveway	2.2	27	1.8	27	1.8	22	3.4
	34.5	7	33.0	6	34.7	6	39.3
Total	162.0	15	164.3	15	163.7	14	178.5

Arterial Level of Service: WB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Global Gas Driveway	17	16.7	17	17.2
Scribner Avenue	9	39.0	8	47.6
Best Buy Driveway	21	4.8	22	4.0
Shop Rite Driveway	24	5.1	25	3.9
Driveway	14	18.3	14	18.6
Kohl's Driveway	21	5.0	21	5.8
Twin Towers Office D	25	1.7	25	2.0
	12	29.5	11	33.5
Home Depot Driveway	21	2.1	21	2.3
Walmart Driveway	15	8.7	17	6.5
Walmart Driveway	26	1.9	27	1.9
	7	29.6	6	35.2
Total	15	162.5	14	178.6

Intersection: 3: Richards Ave & Connecticut Avenue/US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	L	TR
Maximum Queue (ft)	509	511	511	213	325	333	212	278	185	255
Average Queue (ft)	276	267	277	34	177	216	103	128	116	191
95th Queue (ft)	505	512	496	115	303	321	196	252	218	291
Link Distance (ft)	488	488	488		316	316		263		226
Upstream Blk Time (%)	4	3	2		1	1		3		15
Queuing Penalty (veh)	22	16	10		2	4		0		0
Storage Bay Dist (ft)				210			163		135	
Storage Blk Time (%)					5		3	8	2	31
Queuing Penalty (veh)					3		8	16	7	37

Intersection: 4: Liquidators Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	129	208	213	66	212	247	59	92	217	84
Average Queue (ft)	39	99	111	17	86	122	14	36	127	24
95th Queue (ft)	90	188	197	51	171	216	44	71	214	62
Link Distance (ft)	159	159	159		317	317		214	203	203
Upstream Blk Time (%)	0	2	3			0			6	0
Queuing Penalty (veh)	0	10	14			0			0	0
Storage Bay Dist (ft)				50			150			
Storage Blk Time (%)				4	13					
Queuing Penalty (veh)				16	2					

Intersection: 5: Keeler Ave & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	L	TR
Maximum Queue (ft)	223	241	224	270	279	278	222	376	175	156	211	263
Average Queue (ft)	101	177	182	145	170	169	66	103	121	47	109	112
95th Queue (ft)	208	245	236	254	258	245	139	297	200	139	188	211
Link Distance (ft)	184	184	184	728	728	728		433				439
Upstream Blk Time (%)	4	11	13					1				
Queuing Penalty (veh)	15	45	54					0				
Storage Bay Dist (ft)							210		150	190	190	
Storage Blk Time (%)						3	0	0	15	0	0	2
Queuing Penalty (veh)						5	0	1	9	0	1	4

Intersection: 6: Rampart Road/Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	UL	TR	L	TR
Maximum Queue (ft)	232	273	284	253	306	327	191	244	101	84
Average Queue (ft)	74	147	162	103	173	208	112	76	26	31
95th Queue (ft)	192	259	269	188	277	303	188	189	69	66
Link Distance (ft)		468	468		654	654		330	197	197
Upstream Blk Time (%)								0		
Queuing Penalty (veh)								0		
Storage Bay Dist (ft)	200			200			120			
Storage Blk Time (%)	0	2		1	3		16	2		
Queuing Penalty (veh)	1	1		3	4		19	3		

Intersection: 7: US Route 1 & Shop Rite Driveway

Movement	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	T	R	L	L	R
Maximum Queue (ft)	301	349	365	152	166	93	176	177	110
Average Queue (ft)	171	178	199	45	52	24	115	120	46
95th Queue (ft)	266	304	313	114	132	67	182	189	87
Link Distance (ft)		654	654	728	728		162	162	162
Upstream Blk Time (%)							4	4	0
Queuing Penalty (veh)							0	0	0
Storage Bay Dist (ft)	315					460			
Storage Blk Time (%)	0	0							
Queuing Penalty (veh)	1	1							

Intersection: 8: Scribner Avenue & US Route 1

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	TR	L	TR	L	TR
Maximum Queue (ft)	244	306	337	366	459	497	498	129	227	244	593
Average Queue (ft)	111	178	198	89	235	234	236	64	86	103	257
95th Queue (ft)	200	270	290	294	405	425	425	120	181	234	496
Link Distance (ft)		374	374	374		675	675		501		629
Upstream Blk Time (%)			0	0		0	0				2
Queuing Penalty (veh)			1	3		1	1				0
Storage Bay Dist (ft)	230				540			90		144	
Storage Blk Time (%)	0	4			1	1		7	11	1	37
Queuing Penalty (veh)	1	5			6	3		12	12	2	34

Intersection: 9: I-95 Ramps/Global Gas Driveway & US Route 1

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	TR	L	T	TR	L	L	TR	LT	R
Maximum Queue (ft)	367	400	362	381	237	531	501	482	53	107
Average Queue (ft)	200	225	166	147	113	359	318	227	11	41
95th Queue (ft)	330	364	335	294	207	536	495	425	37	88
Link Distance (ft)	675	675		814	814	532	532	532	117	117
Upstream Blk Time (%)				0		3	1	1		1
Queuing Penalty (veh)				0		0	0	0		0
Storage Bay Dist (ft)			550							
Storage Blk Time (%)			0	0						
Queuing Penalty (veh)			1	0						

Intersection: 101: Costco Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	R	L	TR
Maximum Queue (ft)	125	493	496	158	165	174	94	240	197	133	43
Average Queue (ft)	22	244	285	70	60	77	81	108	32	64	11
95th Queue (ft)	82	472	484	140	136	146	112	230	128	125	30
Link Distance (ft)		516	516	488	488	488		220	220	121	121
Upstream Blk Time (%)		6	8					3	0	4	
Queuing Penalty (veh)		0	0					0	0	0	
Storage Bay Dist (ft)	65						70				
Storage Blk Time (%)	1	26					39	5			
Queuing Penalty (veh)	4	6					32	7			

Intersection: 102: Pure Hockey Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	41	223	279	52	92	92	66
Average Queue (ft)	6	29	56	3	7	42	29
95th Queue (ft)	28	149	199	29	46	74	55
Link Distance (ft)		316	316	159	159	117	89
Upstream Blk Time (%)		0	0	0	0	0	0
Queuing Penalty (veh)		0	1	0	1	0	0
Storage Bay Dist (ft)	50						
Storage Blk Time (%)	0	0					
Queuing Penalty (veh)	2	0					

Intersection: 103: US Route 1 & Home Depot Driveway

Movement	EB	EB	EB	WB	WB	SE	NW	NW
Directions Served	T	T	TR	T	T	R	L	R
Maximum Queue (ft)	198	275	298	5	26	124	83	37
Average Queue (ft)	25	58	79	0	1	55	33	8
95th Queue (ft)	122	190	230	5	12	100	69	31
Link Distance (ft)		317	317	184	184	111	94	94
Upstream Blk Time (%)		0	0			1	0	
Queuing Penalty (veh)		2	3			0	0	
Storage Bay Dist (ft)	195							
Storage Blk Time (%)	0	1						
Queuing Penalty (veh)	1	5						

Intersection: 104: Twin Towers Office Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	T	T	R	L	T	T	L	LR	R
Maximum Queue (ft)	154	181	3	87	82	117	3	93	45
Average Queue (ft)	33	73	0	33	14	21	0	33	5
95th Queue (ft)	100	144	5	73	51	74	3	75	25
Link Distance (ft)	728	728		344	344	344		280	
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			175				75		75
Storage Blk Time (%)		0						3	0
Queuing Penalty (veh)		0						1	0

Intersection: 105: US Route 1 & Kohl's Driveway

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	T	L	T	TR	R	L	R
Maximum Queue (ft)	75	137	132	84	118	172	64	126	43
Average Queue (ft)	17	54	56	31	9	39	24	58	15
95th Queue (ft)	52	114	115	69	54	110	56	111	40
Link Distance (ft)	344	344	344		468	468	118	137	137
Upstream Blk Time (%)							0	1	
Queuing Penalty (veh)							0	0	
Storage Bay Dist (ft)				165					
Storage Blk Time (%)									
Queuing Penalty (veh)									

Intersection: 106: Stop & Shop Driveway/Best Buy Driveway & US Route 1

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	T	T	L	T	T	LT	R	LT	R
Maximum Queue (ft)	60	126	171	180	215	210	208	53	89	124	32
Average Queue (ft)	12	45	54	49	103	49	51	14	36	55	8
95th Queue (ft)	40	103	128	128	186	155	149	41	71	102	30
Link Distance (ft)		728	728			374	374	163	163	140	140
Upstream Blk Time (%)										0	
Queuing Penalty (veh)										0	
Storage Bay Dist (ft)	300			300	210						
Storage Blk Time (%)					2	0					
Queuing Penalty (veh)					11	0					

Network Summary

Network wide Queuing Penalty: 489

Summary of All Intervals

Run Number	1	10	2	3	4	5	6
Start Time	4:30	4:30	4:30	4:30	4:30	4:30	4:30
End Time	6:00	6:00	6:00	6:00	6:00	6:00	6:00
Total Time (min)	90	90	90	90	90	90	90
Time Recorded (min)	60	60	60	60	60	60	60
# of Intervals	5	5	5	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4	4	4	4
Vehs Entered	9446	9759	9640	9718	9691	9637	9783
Vehs Exited	9404	9736	9654	9560	9647	9591	9775
Starting Vehs	416	443	497	435	438	400	447
Ending Vehs	458	466	483	593	482	446	455
Denied Entry Before	0	40	21	51	6	18	16
Travel Distance (mi)	4685	4945	4816	4862	4862	4758	4872
Travel Time (hr)	488.7	537.6	503.8	546.7	511.2	504.1	507.0
Total Delay (hr)	317.0	356.5	327.4	368.7	332.9	329.6	328.5
Total Stops	19736	21537	20946	22821	20239	19614	20839
Fuel Used (gal)	260.2	281.2	268.6	279.3	271.4	266.9	270.9

Summary of All Intervals

Run Number	7	8	9	Avg
Start Time	4:30	4:30	4:30	4:30
End Time	6:00	6:00	6:00	6:00
Total Time (min)	90	90	90	90
Time Recorded (min)	60	60	60	60
# of Intervals	5	5	5	5
# of Recorded mScheduledIntervals	4	4	4	4
Vehs Entered	9692	9693	9627	9671
Vehs Exited	9740	9745	9634	9648
Starting Vehs	471	515	443	443
Ending Vehs	423	463	436	458
Denied Entry Before	60	18	50	25
Travel Distance (mi)	4895	4860	4809	4836
Travel Time (hr)	609.3	523.4	515.7	524.7
Total Delay (hr)	430.0	345.7	339.8	347.6
Total Stops	21734	21816	20696	20994
Fuel Used (gal)	295.0	274.8	271.0	273.9

Interval #0 Information Seeding

Start Time	4:30
End Time	5:00
Total Time (min)	30
Volumes adjusted by Growth Factors.	
No data recorded this interval.	

Interval #1 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2170	2358	2326	2369	2349	2327	2316
Vehs Exited	2240	2368	2327	2320	2346	2309	2361
Starting Vehs	416	443	497	435	438	400	447
Ending Vehs	346	433	496	484	441	418	402
Denied Entry Before	0	40	21	51	6	18	16
Travel Distance (mi)	1124	1213	1173	1194	1179	1157	1196
Travel Time (hr)	93.8	117.5	116.2	126.8	110.5	106.8	112.2
Total Delay (hr)	52.5	73.1	73.2	83.1	67.2	64.4	68.5
Total Stops	4062	4594	5170	5250	4534	4453	4788
Fuel Used (gal)	57.0	65.1	64.2	67.1	62.8	60.5	63.7

Interval #1 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2268	2389	2354	2327
Vehs Exited	2287	2431	2363	2336
Starting Vehs	471	515	443	443
Ending Vehs	452	473	434	436
Denied Entry Before	60	18	50	25
Travel Distance (mi)	1151	1231	1212	1183
Travel Time (hr)	138.6	125.4	119.1	116.7
Total Delay (hr)	96.3	80.6	74.9	73.4
Total Stops	5060	5415	4807	4816
Fuel Used (gal)	68.2	67.9	65.8	64.2

Interval #2 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2360	2342	2347	2302	2407	2389	2380
Vehs Exited	2286	2320	2417	2302	2410	2355	2349
Starting Vehs	346	433	496	484	441	418	402
Ending Vehs	420	455	426	484	438	452	433
Denied Entry Before	7	41	27	37	49	16	4
Travel Distance (mi)	1136	1191	1198	1155	1222	1173	1166
Travel Time (hr)	106.8	122.5	113.9	116.4	114.6	113.2	103.3
Total Delay (hr)	65.3	78.8	70.1	74.0	69.9	70.1	60.4
Total Stops	4501	5007	5030	5187	4854	4702	4442
Fuel Used (gal)	60.6	66.1	64.1	63.2	64.8	63.6	60.5

Interval #2 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2404	2360	2367	2364
Vehs Exited	2364	2382	2332	2349
Starting Vehs	452	473	434	436
Ending Vehs	492	451	469	444
Denied Entry Before	124	18	13	30
Travel Distance (mi)	1186	1189	1174	1179
Travel Time (hr)	148.3	118.5	111.1	116.9
Total Delay (hr)	105.0	75.1	68.2	73.7
Total Stops	5574	5421	4663	4937
Fuel Used (gal)	71.5	64.9	62.3	64.2

Interval #3 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2633	2674	2605	2685	2584	2571	2719
Vehs Exited	2478	2569	2448	2549	2451	2499	2495
Starting Vehs	420	455	426	484	438	452	433
Ending Vehs	575	560	583	620	571	524	657
Denied Entry Before	22	48	3	4	3	39	4
Travel Distance (mi)	1238	1284	1209	1301	1244	1244	1268
Travel Time (hr)	139.2	154.3	131.1	140.6	135.7	147.2	148.1
Total Delay (hr)	93.7	107.3	86.7	93.0	89.9	101.7	101.7
Total Stops	5776	6386	5189	6125	5455	5587	6151
Fuel Used (gal)	70.7	76.5	68.4	73.6	70.6	73.8	74.1

Interval #3 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2646	2618	2544	2628
Vehs Exited	2622	2479	2437	2502
Starting Vehs	492	451	469	444
Ending Vehs	516	590	576	577
Denied Entry Before	114	15	10	24
Travel Distance (mi)	1298	1222	1198	1250
Travel Time (hr)	167.3	134.9	139.1	143.8
Total Delay (hr)	119.7	90.1	95.1	97.9
Total Stops	6020	5586	5627	5789
Fuel Used (gal)	79.7	69.8	69.9	72.7

Interval #4 Information Recording

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

Run Number	1	10	2	3	4	5	6
Vehs Entered	2283	2385	2362	2362	2351	2350	2368
Vehs Exited	2400	2479	2462	2389	2440	2428	2570
Starting Vehs	575	560	583	620	571	524	657
Ending Vehs	458	466	483	593	482	446	455
Denied Entry Before	60	73	58	31	70	108	63
Travel Distance (mi)	1188	1257	1236	1212	1217	1184	1242
Travel Time (hr)	148.9	143.2	142.7	163.0	150.4	136.8	143.4
Total Delay (hr)	105.5	97.3	97.4	118.6	105.9	93.5	97.9
Total Stops	5397	5550	5557	6259	5396	4872	5458
Fuel Used (gal)	71.9	73.4	72.0	75.5	73.2	69.1	72.6

Interval #4 Information Recording

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

Run Number	7	8	9	Avg
Vehs Entered	2374	2326	2362	2347
Vehs Exited	2467	2453	2502	2461
Starting Vehs	516	590	576	577
Ending Vehs	423	463	436	458
Denied Entry Before	181	54	80	75
Travel Distance (mi)	1259	1218	1226	1224
Travel Time (hr)	155.1	144.5	146.4	147.4
Total Delay (hr)	109.1	99.9	101.6	102.7
Total Stops	5080	5394	5599	5455
Fuel Used (gal)	75.6	72.2	72.9	72.8

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.1	0.3	0.1	0.6	5.7	0.8	0.3	0.1	0.1	2.3	1.7	2.6
Denied Del/Veh (s)	1.3	0.8	1.4	18.0	20.7	22.1	7.5	3.9	2.8	45.8	45.7	40.5
Total Delay (hr)	6.0	17.2	2.1	2.2	11.5	1.4	2.2	2.0	1.3	3.6	2.4	3.1
Total Del/Veh (s)	105.7	51.8	43.4	68.6	41.1	37.4	52.5	56.0	42.2	73.2	66.5	47.7
Stop Delay (hr)	5.6	13.3	1.6	2.1	9.5	1.3	2.0	1.8	1.2	3.4	2.2	2.9
Stop Del/Veh (s)	98.6	39.9	32.8	64.2	34.0	32.4	48.9	50.3	40.0	69.1	60.0	44.4
Total Stops	271	1131	139	132	689	95	137	118	105	190	113	199
Stop/Veh	1.32	0.95	0.79	1.15	0.68	0.68	0.91	0.93	0.94	1.07	0.86	0.86
Travel Dist (mi)	22.0	128.0	16.2	7.4	63.7	8.7	7.8	6.8	6.0	7.8	5.9	10.3
Travel Time (hr)	7.0	22.0	2.8	3.1	19.4	2.7	2.8	2.3	1.7	6.2	4.3	6.2
Avg Speed (mph)	3	6	6	3	5	5	3	3	4	2	2	3
Fuel Used (gal)	2.2	9.2	1.1	0.9	6.3	0.8	0.9	0.7	0.6	1.7	1.1	1.7
Fuel Eff. (mpg)	9.9	13.9	15.0	8.2	10.2	10.9	8.4	9.3	10.9	4.6	5.1	6.1
HC Emissions (g)	4	51	4	1	8	9	2	1	2	2	1	5
CO Emissions (g)	282	1853	183	94	588	181	134	92	83	135	84	177
NOx Emissions (g)	24	216	20	8	61	20	12	8	8	11	6	14
Vehicles Entered	199	1173	172	112	990	137	148	126	112	175	130	228
Vehicles Exited	194	1171	172	113	991	137	149	126	111	174	129	228
Hourly Exit Rate	194	1171	172	113	991	137	149	126	111	174	129	228
Input Volume	200	1202	175	115	1000	130	150	135	110	170	130	230
% of Volume	97	97	98	98	99	106	99	94	101	102	99	99
Denied Entry Before	0	0	0	0	5	1	0	0	0	2	2	2

3: Richards Ave & Connecticut Avenue/US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	14.6
Denied Del/Veh (s)	14.1
Total Delay (hr)	55.0
Total Del/Veh (s)	52.6
Stop Delay (hr)	46.8
Stop Del/Veh (s)	44.7
Total Stops	3319
Stop/Veh	0.88
Travel Dist (mi)	290.8
Travel Time (hr)	80.6
Avg Speed (mph)	4
Fuel Used (gal)	27.2
Fuel Eff. (mpg)	10.7
HC Emissions (g)	91
CO Emissions (g)	3885
NOx Emissions (g)	407
Vehicles Entered	3702
Vehicles Exited	3695
Hourly Exit Rate	3695
Input Volume	3746
% of Volume	99
Denied Entry Before	12

4: Liquidators Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.1	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.1	0.8
Denied Del/Veh (s)	0.3	0.3	0.4	1.1	0.8	1.2	3.9	0.1	0.2	5.0	3.5	0.9
Total Delay (hr)	1.4	3.9	0.2	0.3	4.5	0.5	0.2	0.1	0.3	3.7	0.2	15.3
Total Del/Veh (s)	59.9	11.8	10.3	60.5	14.7	13.2	48.7	41.5	18.2	73.1	9.8	18.8
Stop Delay (hr)	1.4	2.9	0.1	0.3	3.2	0.4	0.2	0.1	0.3	3.5	0.2	12.5
Stop Del/Veh (s)	57.4	8.7	8.6	56.9	10.5	10.1	46.3	38.5	17.5	70.0	9.2	15.4
Total Stops	87	431	20	21	466	64	12	4	48	163	54	1370
Stop/Veh	1.01	0.36	0.36	1.17	0.42	0.46	0.86	0.80	0.89	0.90	0.71	0.47
Travel Dist (mi)	4.3	61.9	2.8	1.1	68.0	8.5	0.6	0.2	2.2	6.9	2.9	159.5
Travel Time (hr)	1.6	6.2	0.3	0.4	7.1	1.0	0.2	0.1	0.4	4.2	0.4	21.9
Avg Speed (mph)	3	10	9	3	10	9	3	3	6	2	8	8
Fuel Used (gal)	0.4	3.6	0.1	0.1	3.6	0.4	0.1	0.0	0.1	1.2	0.1	9.8
Fuel Eff. (mpg)	9.7	17.1	20.8	10.8	18.8	21.8	8.0	10.4	18.9	5.7	22.2	16.2
HC Emissions (g)	0	27	0	0	27	1	0	0	0	1	0	59
CO Emissions (g)	38	1119	26	11	914	56	12	2	15	98	18	2309
NOx Emissions (g)	3	113	3	1	102	6	1	0	1	9	2	241
Vehicles Entered	84	1185	54	18	1099	139	14	5	54	179	76	2907
Vehicles Exited	85	1184	54	18	1099	139	14	5	54	179	76	2907
Hourly Exit Rate	85	1184	54	18	1099	139	14	5	54	179	76	2907
Input Volume	90	1214	55	20	1098	140	15	5	55	180	75	2948
% of Volume	95	98	98	89	100	99	95	95	98	99	101	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	1	0	1

5: Keeler Ave & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Denied Delay (hr)	0.1	0.3	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.0
Denied Del/Veh (s)	2.3	1.0	1.5	0.0	0.0	0.1	1.4	4.1	4.4	3.8	1.1	1.1
Total Delay (hr)	4.4	8.5	0.9	5.4	7.7	1.4	1.6	2.2	2.6	4.7	1.2	0.8
Total Del/Veh (s)	89.2	31.9	28.0	100.2	38.1	15.1	69.1	71.0	52.8	62.7	42.8	27.0
Stop Delay (hr)	4.2	7.1	0.8	5.1	6.4	1.1	1.5	2.0	2.4	4.3	1.1	0.7
Stop Del/Veh (s)	85.3	26.7	24.5	95.2	31.9	11.6	64.2	63.2	48.5	58.0	36.7	24.4
Total Stops	191	585	65	231	590	231	96	108	168	296	88	92
Stop/Veh	1.09	0.61	0.59	1.19	0.81	0.70	1.17	0.96	0.95	1.10	0.84	0.87
Travel Dist (mi)	8.5	45.1	5.2	29.4	108.6	49.5	6.8	9.5	14.9	23.1	9.3	9.4
Travel Time (hr)	4.8	10.3	1.2	6.5	11.3	3.3	1.9	2.7	3.5	5.9	1.6	1.3
Avg Speed (mph)	2	5	5	5	10	15	4	4	5	4	6	8
Fuel Used (gal)	1.3	3.7	0.4	2.1	5.1	1.7	0.6	0.9	1.2	2.1	0.6	0.5
Fuel Eff. (mpg)	6.4	12.3	13.9	14.0	21.3	29.4	10.9	10.8	12.2	11.1	15.0	17.8
HC Emissions (g)	1	19	1	4	43	6	2	2	6	5	3	2
CO Emissions (g)	95	531	40	226	1219	297	103	142	259	367	141	118
NOx Emissions (g)	7	68	4	19	140	29	8	11	23	29	12	10
Vehicles Entered	171	946	110	188	715	327	81	110	173	265	104	105
Vehicles Exited	170	946	110	186	714	329	81	110	172	265	104	106
Hourly Exit Rate	170	946	110	186	714	329	81	110	172	265	104	106
Input Volume	180	973	110	190	716	330	80	110	165	260	100	100
% of Volume	94	97	100	98	100	100	102	100	104	102	104	106
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

5: Keeler Ave & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	1.1
Denied Del/Veh (s)	1.3
Total Delay (hr)	41.2
Total Del/Veh (s)	44.4
Stop Delay (hr)	36.6
Stop Del/Veh (s)	39.4
Total Stops	2741
Stop/Veh	0.82
Travel Dist (mi)	319.3
Travel Time (hr)	54.2
Avg Speed (mph)	6
Fuel Used (gal)	20.2
Fuel Eff. (mpg)	15.8
HC Emissions (g)	95
CO Emissions (g)	3537
NOx Emissions (g)	359
Vehicles Entered	3295
Vehicles Exited	3293
Hourly Exit Rate	3293
Input Volume	3314
% of Volume	99
Denied Entry Before	0

6: Rampart Road/Driveway & US Route 1 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	0.2	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.1	0.0	0.1	0.0	0.0	0.0	3.8	0.6	0.5	0.1	0.1	0.1
Total Delay (hr)	0.6	5.6	0.9	3.4	6.2	0.2	2.7	0.2	0.9	0.4	0.2	0.3
Total Del/Veh (s)	57.0	16.2	15.1	80.4	19.2	17.5	63.4	52.4	22.0	51.6	40.9	19.6
Stop Delay (hr)	0.6	3.6	0.6	3.1	3.0	0.1	2.5	0.2	0.8	0.4	0.2	0.3
Stop Del/Veh (s)	52.6	10.2	10.1	73.3	9.4	9.3	59.4	47.6	19.9	49.6	37.8	19.0
Total Stops	42	569	102	157	685	23	148	11	134	23	12	44
Stop/Veh	1.05	0.45	0.47	1.03	0.59	0.62	0.97	0.92	0.94	0.88	0.80	0.88
Travel Dist (mi)	4.0	124.8	21.8	20.4	156.4	5.0	9.3	0.8	8.8	1.0	0.6	1.9
Travel Time (hr)	0.8	9.9	1.8	4.2	11.6	0.4	3.2	0.2	1.3	0.4	0.2	0.4
Avg Speed (mph)	5	13	12	5	13	13	3	4	7	2	3	5
Fuel Used (gal)	0.3	5.4	0.8	1.5	6.4	0.2	1.0	0.1	0.5	0.1	0.1	0.1
Fuel Eff. (mpg)	14.8	23.1	26.1	13.9	24.4	25.6	9.2	11.6	17.5	8.8	10.3	16.8
HC Emissions (g)	1	43	2	3	37	1	2	0	2	0	0	0
CO Emissions (g)	40	1322	122	203	1332	32	143	11	105	10	6	14
NOx Emissions (g)	4	163	13	18	160	3	12	1	10	1	1	1
Vehicles Entered	40	1246	216	150	1152	37	149	12	140	26	15	50
Vehicles Exited	39	1246	216	148	1150	37	148	12	140	26	15	50
Hourly Exit Rate	39	1246	216	148	1150	37	148	12	140	26	15	50
Input Volume	40	1257	210	150	1162	40	145	10	140	25	15	50
% of Volume	98	99	103	99	99	92	102	117	100	103	98	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

6: Rampart Road/Driveway & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.2
Denied Del/Veh (s)	0.2
Total Delay (hr)	21.5
Total Del/Veh (s)	23.8
Stop Delay (hr)	15.2
Stop Del/Veh (s)	16.8
Total Stops	1950
Stop/Veh	0.60
Travel Dist (mi)	354.6
Travel Time (hr)	34.4
Avg Speed (mph)	10
Fuel Used (gal)	16.5
Fuel Eff. (mpg)	21.6
HC Emissions (g)	91
CO Emissions (g)	3338
NOx Emissions (g)	386
Vehicles Entered	3233
Vehicles Exited	3227
Hourly Exit Rate	3227
Input Volume	3244
% of Volume	99
Denied Entry Before	0

7: US Route 1 & Shop Rite Driveway Performance by movement

Movement	EBL	EBT	WBT	WBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.2
Denied Del/Veh (s)	0.1	0.0	0.0	0.0	1.4	0.9	0.2
Total Delay (hr)	4.4	4.6	2.1	0.5	5.1	1.1	17.8
Total Del/Veh (s)	74.2	13.6	6.4	5.4	51.3	20.5	18.4
Stop Delay (hr)	4.0	2.1	0.6	0.1	4.8	1.1	12.8
Stop Del/Veh (s)	67.7	6.2	1.9	1.5	48.7	20.6	13.3
Total Stops	233	574	182	52	284	155	1480
Stop/Veh	1.08	0.47	0.15	0.16	0.80	0.83	0.43
Travel Dist (mi)	28.4	162.5	175.1	47.5	11.3	6.1	430.8
Travel Time (hr)	5.5	10.2	8.0	2.3	5.7	1.5	33.3
Avg Speed (mph)	5	16	22	21	2	4	13
Fuel Used (gal)	2.0	7.4	6.1	1.6	1.7	0.5	19.2
Fuel Eff. (mpg)	13.9	22.1	28.8	30.3	6.6	13.4	22.4
HC Emissions (g)	5	58	61	7	2	1	135
CO Emissions (g)	309	2160	1607	395	147	51	4668
NOx Emissions (g)	29	245	215	34	15	6	544
Vehicles Entered	210	1201	1170	317	353	186	3437
Vehicles Exited	209	1205	1171	316	354	186	3441
Hourly Exit Rate	209	1205	1171	316	354	186	3441
Input Volume	210	1210	1188	320	350	180	3459
% of Volume	99	100	99	99	101	103	99
Denied Entry Before	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 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	0.1	0.0	0.0	0.1	0.1	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.2	0.1	0.4	3.7	0.3	0.3	4.1	1.5	1.0
Total Delay (hr)	3.2	6.0	1.7	3.9	14.7	1.0	1.4	0.9	0.4	1.2	4.7	1.3
Total Del/Veh (s)	82.7	26.3	7.6	90.3	40.1	39.0	42.0	38.3	21.4	49.2	72.5	64.5
Stop Delay (hr)	3.0	5.0	0.3	3.6	10.8	0.7	1.3	0.7	0.4	1.1	4.2	1.2
Stop Del/Veh (s)	79.1	21.9	1.2	83.8	29.5	29.7	38.2	33.4	19.2	43.4	63.8	58.3
Total Stops	148	475	207	191	1040	72	115	64	62	92	235	74
Stop/Veh	1.07	0.58	0.25	1.22	0.79	0.80	0.97	0.80	0.84	1.01	1.00	1.04
Travel Dist (mi)	11.8	68.0	54.5	22.4	188.3	12.8	11.3	7.6	7.2	10.7	27.3	8.3
Travel Time (hr)	3.6	8.3	3.8	4.8	21.6	1.5	1.9	1.1	0.7	1.7	5.7	1.6
Avg Speed (mph)	3	8	14	5	9	9	6	7	10	7	5	5
Fuel Used (gal)	1.1	3.6	1.6	1.8	10.3	0.7	0.8	0.5	0.3	0.7	2.0	0.6
Fuel Eff. (mpg)	10.8	18.8	33.6	12.7	18.3	19.1	14.9	16.9	21.4	15.2	13.7	14.5
HC Emissions (g)	2	29	10	5	74	3	3	2	1	3	12	4
CO Emissions (g)	122	854	340	296	2277	108	177	108	85	171	427	142
NOx Emissions (g)	9	97	36	25	287	13	13	8	6	12	37	12
Vehicles Entered	135	805	821	153	1296	88	117	79	74	89	229	70
Vehicles Exited	135	808	821	153	1290	88	117	78	74	90	230	70
Hourly Exit Rate	135	808	821	153	1290	88	117	78	74	90	230	70
Input Volume	130	815	820	150	1312	90	115	80	70	90	230	70
% of Volume	104	99	100	102	98	98	102	98	106	100	100	100
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

8: Scribner Avenue & US Route 1 Performance by movement

Movement	All
Denied Delay (hr)	0.4
Denied Del/Veh (s)	0.4
Total Delay (hr)	40.4
Total Del/Veh (s)	36.2
Stop Delay (hr)	32.3
Stop Del/Veh (s)	29.0
Total Stops	2775
Stop/Veh	0.69
Travel Dist (mi)	430.2
Travel Time (hr)	56.5
Avg Speed (mph)	8
Fuel Used (gal)	23.9
Fuel Eff. (mpg)	18.0
HC Emissions (g)	146
CO Emissions (g)	5107
NOx Emissions (g)	556
Vehicles Entered	3956
Vehicles Exited	3954
Hourly Exit Rate	3954
Input Volume	3972
% of Volume	100
Denied Entry Before	0

9: I-95 Ramps/Global Gas Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBT	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.2	0.1	0.0	0.4	0.0	0.2	0.0	0.0	0.8
Denied Del/Veh (s)	0.0	0.0	0.0	2.7	0.3	0.3	1.9	2.0	2.0	0.4	0.3	0.9
Total Delay (hr)	0.1	6.7	0.8	5.0	3.5	0.1	14.8	0.3	2.3	0.1	0.8	34.5
Total Del/Veh (s)	42.8	28.7	25.7	71.5	16.0	10.2	77.6	49.2	24.8	48.9	55.0	39.5
Stop Delay (hr)	0.1	4.6	0.6	4.7	2.6	0.1	13.3	0.3	2.0	0.1	0.8	29.0
Stop Del/Veh (s)	35.5	19.6	17.5	67.3	11.6	8.0	69.8	43.8	21.9	46.6	54.6	33.2
Total Stops	11	625	86	248	379	16	734	18	272	5	49	2443
Stop/Veh	1.38	0.74	0.75	0.99	0.48	0.40	1.07	0.82	0.81	0.83	0.89	0.78
Travel Dist (mi)	1.2	121.0	16.6	37.9	121.4	6.0	68.0	2.2	33.5	0.1	1.3	409.1
Travel Time (hr)	0.1	10.9	1.5	6.5	7.7	0.3	17.7	0.4	3.9	0.1	0.9	50.0
Avg Speed (mph)	9	11	11	6	16	17	4	6	9	1	1	8
Fuel Used (gal)	0.1	5.8	0.7	2.3	4.7	0.2	5.9	0.1	1.6	0.0	0.2	21.7
Fuel Eff. (mpg)	19.2	20.9	22.3	16.7	25.6	30.1	11.6	15.7	20.6	6.2	5.2	18.8
HC Emissions (g)	0	32	4	23	38	1	49	0	6	0	0	154
CO Emissions (g)	10	1217	158	589	1296	42	1403	31	415	1	16	5179
NOx Emissions (g)	1	142	18	57	129	3	132	2	29	0	1	515
Vehicles Entered	8	830	113	243	783	38	674	22	331	6	54	3102
Vehicles Exited	8	829	113	245	782	39	669	22	330	6	54	3097
Hourly Exit Rate	8	829	113	245	782	39	669	22	330	6	54	3097
Input Volume	7	836	110	250	790	42	680	23	330	8	54	3130
% of Volume	110	99	103	98	99	93	98	97	100	77	100	99
Denied Entry Before	0	0	0	0	0	0	0	0	0	0	0	0

101: Costco Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBR	SBL	SBT	SBR	All
Denied Delay (hr)	0.0	23.4	4.4	0.0	0.0	0.0	0.8	0.6	0.0	0.0	0.0	29.2
Denied Del/Veh (s)	67.4	64.8	66.2	0.4	0.1	0.0	14.1	9.3	0.1	0.1	0.1	31.0
Total Delay (hr)	0.1	19.9	3.7	4.8	2.8	0.1	4.5	1.7	0.6	0.0	0.0	38.2
Total Del/Veh (s)	93.9	55.9	57.0	115.3	8.5	7.0	83.1	27.2	63.1	50.8	8.6	40.7
Stop Delay (hr)	0.0	15.4	3.0	4.6	1.5	0.0	4.3	1.6	0.6	0.0	0.0	31.1
Stop Del/Veh (s)	83.7	43.2	46.3	110.3	4.4	3.5	79.3	26.2	61.7	47.4	8.8	33.1
Total Stops	3	1212	228	165	299	13	182	223	32	2	4	2363
Stop/Veh	1.50	0.94	0.98	1.11	0.25	0.27	0.94	1.01	0.91	1.00	0.67	0.70
Travel Dist (mi)	0.2	124.5	22.5	16.6	135.6	5.5	8.3	9.7	0.8	0.1	0.1	324.0
Travel Time (hr)	0.1	47.6	9.0	5.5	7.8	0.3	5.6	2.8	0.7	0.0	0.0	79.3
Avg Speed (mph)	3	5	5	3	18	17	2	4	1	2	6	6
Fuel Used (gal)	0.0	14.8	2.7	1.8	7.1	0.3	1.6	0.9	0.2	0.0	0.0	29.2
Fuel Eff. (mpg)	6.9	8.4	8.5	9.3	19.1	21.5	5.3	11.2	5.1	8.4	22.0	11.1
HC Emissions (g)	0	71	14	10	59	2	6	6	1	0	0	169
CO Emissions (g)	2	2153	372	357	2517	87	188	163	27	1	1	5868
NOx Emissions (g)	0	216	35	30	258	8	18	18	2	0	0	585
Vehicles Entered	2	1256	229	145	1201	48	191	218	34	2	6	3332
Vehicles Exited	2	1254	228	146	1201	48	191	218	34	2	6	3330
Hourly Exit Rate	2	1254	228	146	1201	48	191	218	34	2	6	3330
Input Volume	3	1284	234	152	1209	45	185	220	36	3	4	3376
% of Volume	67	98	98	96	99	106	103	99	94	67	150	99
Denied Entry Before	0	10	2	0	0	0	0	0	0	0	0	12

102: Pure Hockey Driveway/Walmart Driveway & US Route 1 Performance by movement

Movement	EBL	EBT	EBR	WBT	WBR	NBR	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.1	4.0	0.2	0.2
Total Delay (hr)	0.1	3.3	0.0	0.8	0.1	0.5	0.2	4.9
Total Del/Veh (s)	19.1	8.3	11.1	2.8	2.6	19.5	13.8	6.4
Stop Delay (hr)	0.0	0.8	0.0	0.2	0.0	0.5	0.2	1.8
Stop Del/Veh (s)	14.2	2.2	5.5	0.7	1.0	19.7	14.0	2.4
Total Stops	9	212	2	55	9	84	52	423
Stop/Veh	0.82	0.15	0.22	0.05	0.07	0.95	0.98	0.15
Travel Dist (mi)	0.9	110.9	0.7	44.3	5.5	1.9	0.9	165.1
Travel Time (hr)	0.1	7.3	0.1	2.4	0.4	0.7	0.3	11.1
Avg Speed (mph)	10	15	12	19	15	3	3	15
Fuel Used (gal)	0.1	6.1	0.0	2.2	0.2	0.2	0.1	8.9
Fuel Eff. (mpg)	18.2	18.3	20.5	19.7	24.4	10.7	13.0	18.6
HC Emissions (g)	0	37	0	16	7	0	0	60
CO Emissions (g)	12	1693	6	709	145	13	5	2584
NOx Emissions (g)	1	188	1	75	20	1	1	287
Vehicles Entered	11	1414	9	1068	126	87	53	2768
Vehicles Exited	11	1414	9	1068	125	87	53	2767
Hourly Exit Rate	11	1414	9	1068	125	87	53	2767
Input Volume	10	1441	10	1066	126	89	59	2801
% of Volume	107	98	88	100	99	97	90	99
Denied Entry Before	0	0	0	0	0	0	0	0

103: US Route 1 & Home Depot Driveway Performance by movement

Movement	EBT	EBR	WBT	WBR	SER	NWL	NWR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.2	0.0	0.0	0.3	0.4	0.1	0.1
Total Delay (hr)	5.7	1.1	0.4	0.0	0.8	0.6	0.2	8.7
Total Del/Veh (s)	17.3	16.0	1.8	1.1	13.7	37.7	51.6	12.1
Stop Delay (hr)	4.3	0.7	0.0	0.0	0.7	0.5	0.2	6.4
Stop Del/Veh (s)	13.0	11.0	0.1	0.1	11.3	35.8	49.4	8.9
Total Stops	490	87	2	0	200	52	11	842
Stop/Veh	0.41	0.37	0.00	0.00	0.96	0.95	1.00	0.33
Travel Dist (mi)	86.2	17.3	45.6	3.1	4.8	1.0	0.2	158.1
Travel Time (hr)	8.8	1.7	2.1	0.1	1.0	0.6	0.2	14.5
Avg Speed (mph)	10	10	21	23	5	2	1	11
Fuel Used (gal)	4.6	1.0	2.8	0.2	0.3	0.2	0.0	9.1
Fuel Eff. (mpg)	18.6	17.8	16.1	15.8	15.9	6.5	5.2	17.3
HC Emissions (g)	36	9	29	2	1	1	0	78
CO Emissions (g)	1324	291	1211	101	42	18	2	2989
NOx Emissions (g)	138	32	130	8	5	1	0	314
Vehicles Entered	1181	236	838	52	208	55	11	2581
Vehicles Exited	1182	236	838	52	207	55	11	2581
Hourly Exit Rate	1182	236	838	52	207	55	11	2581
Input Volume	1215	237	836	50	210	50	10	2609
% of Volume	97	100	100	103	99	109	107	99
Denied Entry Before	0	0	0	0	0	0	0	0

104: Twin Towers Office Driveway & US Route 1 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)	0.0	0.0	0.0	0.0	0.1	0.6	0.0
Total Delay (hr)	2.6	0.0	0.5	1.1	0.2	0.2	4.6
Total Del/Veh (s)	6.9	5.0	48.2	3.2	60.0	52.9	6.3
Stop Delay (hr)	0.8	0.0	0.5	0.4	0.2	0.2	2.1
Stop Del/Veh (s)	2.0	0.3	45.7	1.3	57.8	52.2	2.8
Total Stops	170	1	39	103	10	11	334
Stop/Veh	0.12	0.10	0.98	0.09	0.91	0.85	0.13
Travel Dist (mi)	222.0	1.6	3.1	93.8	0.6	0.6	321.7
Travel Time (hr)	10.5	0.1	0.7	4.2	0.2	0.2	15.9
Avg Speed (mph)	21	21	5	22	3	3	20
Fuel Used (gal)	10.0	0.1	0.2	4.4	0.1	0.1	14.8
Fuel Eff. (mpg)	22.2	24.4	15.2	21.2	10.5	10.6	21.7
HC Emissions (g)	90	0	1	56	0	0	147
CO Emissions (g)	3102	17	35	1934	6	8	5101
NOx Emissions (g)	379	2	3	204	0	0	588
Vehicles Entered	1378	10	40	1202	11	12	2653
Vehicles Exited	1379	10	39	1201	11	12	2652
Hourly Exit Rate	1379	10	39	1201	11	12	2652
Input Volume	1390	10	40	1209	10	10	2670
% of Volume	99	98	98	99	107	117	99
Denied Entry Before	0	0	0	0	0	0	0

105: US Route 1 & Kohl's Driveway Performance by movement

Movement	EBL	EBT	WBL	WBT	WBR	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Denied Del/Veh (s)	0.0	0.0	0.0	0.0	0.2	0.1	0.4	0.1	0.0
Total Delay (hr)	0.1	1.6	0.2	3.2	0.2	0.1	1.2	0.0	6.6
Total Del/Veh (s)	51.8	4.2	27.3	9.3	8.3	13.5	51.4	7.6	8.3
Stop Delay (hr)	0.1	0.7	0.1	0.7	0.0	0.1	1.1	0.0	3.0
Stop Del/Veh (s)	49.6	1.8	22.4	2.0	1.8	13.4	49.4	7.5	3.7
Total Stops	10	170	16	184	17	29	71	9	506
Stop/Veh	1.00	0.12	0.80	0.15	0.19	0.91	0.86	0.82	0.18
Travel Dist (mi)	0.8	108.7	2.0	125.6	8.8	0.7	2.2	0.3	249.0
Travel Time (hr)	0.2	5.3	0.2	7.6	0.6	0.2	1.3	0.0	15.4
Avg Speed (mph)	4	21	9	17	15	4	2	7	16
Fuel Used (gal)	0.1	4.6	0.1	6.1	0.4	0.0	0.4	0.0	11.7
Fuel Eff. (mpg)	14.9	23.5	17.6	20.4	23.4	17.1	6.0	27.8	21.2
HC Emissions (g)	0	55	0	53	3	0	1	0	112
CO Emissions (g)	6	1783	26	1866	93	4	37	1	3817
NOx Emissions (g)	0	202	3	223	12	0	4	0	444
Vehicles Entered	10	1366	19	1247	87	32	81	11	2853
Vehicles Exited	10	1367	19	1246	87	32	82	11	2854
Hourly Exit Rate	10	1367	19	1246	87	32	82	11	2854
Input Volume	10	1373	20	1255	86	30	81	10	2865
% of Volume	98	100	96	99	101	107	101	107	100
Denied Entry Before	0	0	0	0	0	0	0	0	0

106: Stop & Shop Driveway/Best Buy Driveway & US Route 1 Performance by movement

Movement	EBT	WBT	NBL	NBR	SBL	SBR	All
Denied Delay (hr)	0.0	0.0	0.0	0.0	0.1	0.0	0.1
Denied Del/Veh (s)	0.0	0.0	0.1	0.1	1.8	0.9	0.1
Total Delay (hr)	2.3	2.1	0.0	0.2	2.0	0.1	6.8
Total Del/Veh (s)	5.2	5.2	36.0	13.0	55.6	20.5	7.5
Stop Delay (hr)	0.6	0.4	0.0	0.2	1.9	0.1	3.3
Stop Del/Veh (s)	1.4	1.1	34.8	12.6	53.6	20.4	3.6
Total Stops	129	138	1	40	107	18	433
Stop/Veh	0.08	0.09	0.50	0.82	0.82	0.90	0.13
Travel Dist (mi)	238.7	133.7	0.0	1.5	3.5	0.5	378.0
Travel Time (hr)	10.6	6.8	0.0	0.3	2.3	0.2	20.1
Avg Speed (mph)	23	20	2	6	2	4	19
Fuel Used (gal)	9.9	6.4	0.0	0.1	0.6	0.0	17.1
Fuel Eff. (mpg)	24.1	20.8	8.3	20.5	5.5	13.9	22.1
HC Emissions (g)	90	58	0	0	3	0	152
CO Emissions (g)	3006	1935	0	12	79	3	5035
NOx Emissions (g)	360	251	0	1	8	0	621
Vehicles Entered	1578	1468	2	49	129	20	3246
Vehicles Exited	1577	1469	2	49	129	20	3246
Hourly Exit Rate	1577	1469	2	49	129	20	3246
Input Volume	1579	1490	2	50	133	20	3274
% of Volume	100	99	100	98	97	101	99
Denied Entry Before	0	0	0	0	0	0	0

Total Network Performance

Denied Delay (hr)	47.6
Denied Del/Veh (s)	17.6
Total Delay (hr)	300.0
Total Del/Veh (s)	106.9
Stop Delay (hr)	233.2
Stop Del/Veh (s)	83.1
Total Stops	20994
Stop/Veh	2.08
Travel Dist (mi)	4836.3
Travel Time (hr)	524.7
Avg Speed (mph)	10
Fuel Used (gal)	273.9
Fuel Eff. (mpg)	17.7
HC Emissions (g)	1940
CO Emissions (g)	72146
NOx Emissions (g)	7589
Vehicles Entered	9671
Vehicles Exited	9648
Hourly Exit Rate	9648
Input Volume	50126
% of Volume	19
Denied Entry Before	25

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Richards Ave	3	50.9	64.9	0.1	6	6	51.2
Total		50.9	64.9	0.1	6	6	51.2

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Richards Ave	7	43.6	7	45.1	5	69.1	6
Total	7	43.6	7	45.1	5	69.1	6

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Richards Ave	58.5	7	45.4	8	39.7	6	52.3
Total	58.5	7	45.4	8	39.7	6	52.3

Arterial Level of Service: EB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Richards Ave	6	55.2	7	48.4
Total	6	55.2	7	48.4

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
	101	9.3	23.1	0.1	18	16	11.9
Total		9.3	23.1	0.1	18	16	11.9

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
	19	8.0	19	8.0	18	9.2	19
Total	19	8.0	19	8.0	18	9.2	19

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
	7.5	18	8.9	18	8.6	17	10.3
Total	7.5	18	8.9	18	8.6	17	10.3

Arterial Level of Service: WB Connecticut Avenue

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
	17	10.3	17	11.0
Total	17	10.3	17	11.0

Arterial Level of Service: EB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Pure Hockey Driveway	102	9.1	18.6	0.1	15	16	7.9
Liquidators Driveway	4	11.8	18.4	0.1	11	14	7.7
	103	17.5	26.3	0.1	10	16	7.5
Keeler Ave	5	31.9	38.7	0.1	5	6	24.8
Twin Towers Office D	104	5.5	24.9	0.2	23	24	5.0
	105	4.1	13.7	0.1	21	22	3.3
Rampart Road	6	15.0	27.0	0.1	14	15	12.4
Shop Rite Driveway	7	14.7	30.9	0.1	16	16	14.3
Stop & Shop Driveway	106	5.9	24.0	0.2	23	23	5.7
Scribner Avenue	8	27.2	37.3	0.1	9	9	26.7
I-95 Ramps	9	29.7	47.1	0.1	11	13	24.8
Total		172.3	307.0	1.1	13	15	140.2

Arterial Level of Service: EB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Pure Hockey Driveway	14	10.6	15	9.2	10	18.1	17
Liquidators Driveway	10	14.3	9	16.1	7	21.8	14
	8	23.0	7	27.6	7	29.8	14
Keeler Ave	5	35.1	4	37.3	4	38.5	5
Twin Towers Office D	22	6.5	23	5.6	22	6.6	24
	21	4.2	20	4.6	21	4.2	21
Rampart Road	14	13.7	12	17.6	13	17.2	15
Shop Rite Driveway	16	14.0	16	14.0	14	17.9	17
Stop & Shop Driveway	23	6.1	23	5.7	22	6.8	23
Scribner Avenue	9	25.6	9	27.9	9	26.1	10
I-95 Ramps	10	34.7	11	29.8	12	26.2	13
Total	13	187.9	12	195.4	12	213.1	15

Arterial Level of Service: EB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Pure Hockey Driveway	6.9	18	6.1	17	7.6	16	7.8
Liquidators Driveway	8.3	14	7.7	13	9.4	11	11.7
	10.5	14	9.4	10	16.8	9	22.0
Keeler Ave	29.9	6	27.1	5	30.7	5	31.6
Twin Towers Office D	5.3	24	4.6	23	5.3	23	5.7
	3.9	22	3.3	20	4.4	20	4.3
Rampart Road	12.8	15	12.9	14	15.0	13	16.0
Shop Rite Driveway	12.7	16	14.1	16	14.0	16	15.1
Stop & Shop Driveway	5.7	24	5.1	24	5.3	22	6.5
Scribner Avenue	24.6	9	24.9	8	29.6	9	28.5
I-95 Ramps	24.5	11	30.3	11	32.4	11	31.7
Total	145.0	15	145.4	13	170.7	13	181.0

Arterial Level of Service: EB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Pure Hockey Driveway	15	9.9	18	6.8
Liquidators Driveway	11	11.6	13	9.2
	11	16.1	13	12.0
Keeler Ave	5	31.9	5	31.1
Twin Towers Office D	23	5.2	23	5.4
	21	4.0	20	4.7
Rampart Road	14	15.0	13	16.7
Shop Rite Driveway	15	16.2	16	14.6
Stop & Shop Driveway	22	6.5	23	5.8
Scribner Avenue	8	28.8	8	28.8
I-95 Ramps	11	32.2	11	29.7
Total	13	177.4	14	164.7

Arterial Level of Service: WB US Route 1

Cross Street	Node	Delay (s/veh)	Travel time (s)	Dist (mi)	Arterial Speed	Run 1 Speed	Run 1 Delay
Global Gas Driveway	9	16.0	34.8	0.2	17	18	15.4
Scribner Avenue	8	50.5	67.8	0.1	8	8	52.7
Best Buy Driveway	106	5.0	16.0	0.1	21	21	4.9
Shop Rite Driveway	7	6.3	24.4	0.2	23	23	5.9
Driveway	6	20.9	37.4	0.1	13	14	19.6
Kohl's Driveway	105	9.7	21.9	0.1	17	17	8.9
Twin Towers Office D	104	3.2	12.6	0.1	23	23	3.2
	5	38.2	56.4	0.2	10	10	38.9
Home Depot Driveway	103	2.1	8.8	0.1	22	22	2.0
Walmart Driveway	4	14.0	22.3	0.1	12	13	13.2
Walmart Driveway	102	2.8	7.9	0.1	25	25	3.0
	3	40.7	69.7	0.1	6	6	40.8
Total		209.3	379.8	1.3	13	13	208.4

Arterial Level of Service: WB US Route 1

Cross Street	Run 10 Speed	Run 10 Delay	Run 2 Speed	Run 2 Delay	Run 3 Speed	Run 3 Delay	Run 4 Speed
Global Gas Driveway	16	18.0	17	15.7	17	16.3	17
Scribner Avenue	9	44.2	8	51.1	8	50.6	8
Best Buy Driveway	20	5.8	21	4.9	21	4.9	19
Shop Rite Driveway	22	7.2	23	5.5	23	6.2	23
Driveway	13	21.0	14	19.4	13	20.5	13
Kohl's Driveway	17	10.0	17	9.1	16	11.0	16
Twin Towers Office D	23	3.1	23	3.0	22	3.5	22
	10	37.7	10	41.9	10	42.0	11
Home Depot Driveway	22	1.9	22	2.1	21	2.3	22
Walmart Driveway	13	13.6	11	15.7	12	14.5	13
Walmart Driveway	24	3.3	28	2.0	26	2.7	27
	5	49.9	7	30.8	6	36.5	6
Total	13	215.8	13	201.3	13	211.0	13

Arterial Level of Service: WB US Route 1

Cross Street	Run 4 Delay	Run 5 Speed	Run 5 Delay	Run 6 Speed	Run 6 Delay	Run 7 Speed	Run 7 Delay
Global Gas Driveway	15.6	17	15.7	17	16.0	17	16.3
Scribner Avenue	49.0	8	47.0	8	52.4	8	47.4
Best Buy Driveway	6.2	21	4.5	21	4.4	21	5.0
Shop Rite Driveway	5.8	22	6.7	23	6.4	21	7.9
Driveway	22.7	13	21.5	13	20.0	13	21.0
Kohl's Driveway	10.2	16	10.3	17	8.9	17	9.9
Twin Towers Office D	3.6	23	2.8	22	3.4	22	3.4
	32.7	12	32.0	10	39.5	10	38.5
Home Depot Driveway	1.9	22	1.9	22	2.2	22	2.0
Walmart Driveway	12.3	14	11.1	12	14.5	12	15.1
Walmart Driveway	2.3	25	3.0	27	2.5	25	3.0
	42.6	6	41.8	6	38.7	6	41.2
Total	205.0	13	198.3	13	208.9	13	210.7

Arterial Level of Service: WB US Route 1

Cross Street	Run 8 Speed	Run 8 Delay	Run 9 Speed	Run 9 Delay
Global Gas Driveway	18	15.7	18	14.9
Scribner Avenue	7	54.2	7	57.1
Best Buy Driveway	20	5.4	22	4.0
Shop Rite Driveway	23	5.8	23	5.8
Driveway	13	20.5	13	22.5
Kohl's Driveway	17	9.1	17	9.8
Twin Towers Office D	23	2.9	23	2.8
	10	40.4	10	37.4
Home Depot Driveway	22	2.1	22	2.0
Walmart Driveway	11	16.7	13	13.1
Walmart Driveway	23	3.7	26	2.6
	6	44.2	6	41.0
Total	13	220.8	13	212.9

Intersection: 3: Richards Ave & Connecticut Avenue/US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	L	TR
Maximum Queue (ft)	524	524	532	254	346	351	208	263	185	256
Average Queue (ft)	331	369	379	127	251	266	106	143	154	218
95th Queue (ft)	574	563	567	262	361	368	199	254	228	295
Link Distance (ft)	488	488	488		316	316		263		226
Upstream Blk Time (%)	3	3	5		3	7		3		35
Queuing Penalty (veh)	16	18	25		14	30		0		0
Storage Bay Dist (ft)				210			163		135	
Storage Blk Time (%)				1	27		2	11	19	43
Queuing Penalty (veh)				5	31		5	16	69	73

Intersection: 4: Liquidators Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	LT	R
Maximum Queue (ft)	200	232	233	102	293	323	63	86	218	155
Average Queue (ft)	91	136	138	22	182	207	13	34	148	41
95th Queue (ft)	180	226	227	64	283	308	44	70	234	111
Link Distance (ft)	159	159	159		317	317		214	203	203
Upstream Blk Time (%)	5	9	8		0	0			12	1
Queuing Penalty (veh)	20	38	37		0	2			0	0
Storage Bay Dist (ft)				50			150			
Storage Blk Time (%)				4	27					
Queuing Penalty (veh)				22	5					

Intersection: 5: Keeler Ave & US Route 1

Movement	EB	EB	EB	WB	WB	WB	WB	NB	NB	SB	SB	SB
Directions Served	L	T	TR	L	T	T	R	L	TR	L	L	TR
Maximum Queue (ft)	237	244	233	412	414	338	268	406	175	185	223	303
Average Queue (ft)	173	194	193	211	217	198	114	165	143	96	148	99
95th Queue (ft)	248	245	232	380	352	300	214	398	210	196	214	238
Link Distance (ft)	184	184	184	728	728	728		433				439
Upstream Blk Time (%)	28	29	29					3				1
Queuing Penalty (veh)	112	115	117					0				0
Storage Bay Dist (ft)							210		150	190	190	
Storage Blk Time (%)						6	0	1	24	0	3	2
Queuing Penalty (veh)						19	1	1	19	1	6	5

Intersection: 6: Rampart Road/Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	L	TR
Maximum Queue (ft)	262	383	388	278	420	446	195	298	78	98
Average Queue (ft)	112	201	223	143	238	273	114	97	23	40
95th Queue (ft)	241	343	361	259	394	414	189	221	59	78
Link Distance (ft)		468	468		654	654		330	197	197
Upstream Blk Time (%)		0	0					1		
Queuing Penalty (veh)		0	0					0		
Storage Bay Dist (ft)	200			200			120			
Storage Blk Time (%)	0	6		6	8		16	3		
Queuing Penalty (veh)	1	3		34	12		25	5		

Intersection: 7: US Route 1 & Shop Rite Driveway

Movement	EB	EB	EB	WB	WB	WB	SB	SB	SB
Directions Served	L	T	T	T	T	R	L	L	R
Maximum Queue (ft)	334	381	390	221	248	158	176	177	159
Average Queue (ft)	192	195	217	69	81	37	120	129	72
95th Queue (ft)	308	348	347	169	190	102	187	197	135
Link Distance (ft)		654	654	728	728		162	162	162
Upstream Blk Time (%)							5	8	0
Queuing Penalty (veh)							0	0	0
Storage Bay Dist (ft)	315					460			
Storage Blk Time (%)	2	2							
Queuing Penalty (veh)	14	3							

Intersection: 8: Scribner Avenue & US Route 1

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	T	R	L	T	TR	L	TR	L	TR
Maximum Queue (ft)	257	297	319	327	568	640	642	128	209	244	582
Average Queue (ft)	127	175	189	84	223	332	346	74	82	98	259
95th Queue (ft)	231	274	284	274	454	600	615	128	169	235	490
Link Distance (ft)		374	374	374		675	675		501		629
Upstream Blk Time (%)		0	0	0		0	0				2
Queuing Penalty (veh)		1	0	0		3	4				0
Storage Bay Dist (ft)	230				540			90		144	
Storage Blk Time (%)	4	3				3		10	9	1	39
Queuing Penalty (veh)	17	4				5		15	10	2	35

Intersection: 9: I-95 Ramps/Global Gas Driveway & US Route 1

Movement	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	LT	TR	L	T	TR	L	L	TR	LT	R
Maximum Queue (ft)	439	462	452	480	329	522	499	395	35	110
Average Queue (ft)	241	266	189	157	141	320	292	162	6	46
95th Queue (ft)	390	419	408	321	268	515	484	350	24	91
Link Distance (ft)	675	675		814	814	532	532	532	117	117
Upstream Blk Time (%)				0		4	3	2		1
Queuing Penalty (veh)				0		0	0	0		0
Storage Bay Dist (ft)			550							
Storage Blk Time (%)			1	0						
Queuing Penalty (veh)			5	1						

Intersection: 101: Costco Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB	SB	SB
Directions Served	L	T	TR	L	T	TR	L	TR	R	L	TR
Maximum Queue (ft)	41	559	569	357	356	354	95	256	221	90	25
Average Queue (ft)	2	488	504	168	130	127	88	182	99	31	3
95th Queue (ft)	22	660	642	337	289	260	109	300	239	75	16
Link Distance (ft)		516	516	488	488	488		220	220	121	121
Upstream Blk Time (%)		37	55	0	0	0		23	0	0	
Queuing Penalty (veh)		0	0	1	0	0		0	0	0	
Storage Bay Dist (ft)	65						70				
Storage Blk Time (%)		31					61	6			
Queuing Penalty (veh)		1					67	12			

Intersection: 102: Pure Hockey Driveway/Walmart Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	NB	SB
Directions Served	L	T	TR	T	TR	R	R
Maximum Queue (ft)	30	266	255	133	157	108	77
Average Queue (ft)	7	40	61	18	28	45	31
95th Queue (ft)	25	196	228	87	110	87	64
Link Distance (ft)		316	316	159	159	117	89
Upstream Blk Time (%)		2	2	0	0	3	1
Queuing Penalty (veh)		11	15	2	3	0	0
Storage Bay Dist (ft)	50						
Storage Blk Time (%)	0	2					
Queuing Penalty (veh)	1	0					

Intersection: 103: US Route 1 & Home Depot Driveway

Movement	EB	EB	EB	WB	WB	SE	NW	NW
Directions Served	T	T	TR	T	T	R	L	R
Maximum Queue (ft)	256	328	336	17	28	126	98	45
Average Queue (ft)	99	136	164	1	1	59	40	11
95th Queue (ft)	268	328	360	11	12	106	80	37
Link Distance (ft)		317	317	184	184	111	94	94
Upstream Blk Time (%)		2	4			2	2	
Queuing Penalty (veh)		16	31			0	0	
Storage Bay Dist (ft)	195							
Storage Blk Time (%)	6	9						
Queuing Penalty (veh)	24	36						

Intersection: 104: Twin Towers Office Driveway & US Route 1

Movement	EB	EB	EB	WB	WB	WB	NB	NB	NB
Directions Served	T	T	R	L	T	T	L	LR	R
Maximum Queue (ft)	165	194	12	98	129	169	9	64	28
Average Queue (ft)	50	94	1	37	37	53	0	22	2
95th Queue (ft)	131	181	8	82	106	146	6	55	15
Link Distance (ft)	728	728		344	344	344		280	
Upstream Blk Time (%)									
Queuing Penalty (veh)									
Storage Bay Dist (ft)			175				75		75
Storage Blk Time (%)		1						1	
Queuing Penalty (veh)		0						0	

Intersection: 105: US Route 1 & Kohl's Driveway

Movement	EB	EB	EB	WB	WB	WB	NB	SB	SB
Directions Served	L	T	T	L	T	TR	R	L	R
Maximum Queue (ft)	79	191	165	48	221	280	62	136	36
Average Queue (ft)	13	64	65	15	40	94	23	62	9
95th Queue (ft)	50	137	130	43	145	225	53	116	31
Link Distance (ft)	344	344	344		468	468	118	137	137
Upstream Blk Time (%)								1	
Queuing Penalty (veh)								0	
Storage Bay Dist (ft)				165					
Storage Blk Time (%)					0				
Queuing Penalty (veh)					0				

Intersection: 106: Stop & Shop Driveway/Best Buy Driveway & US Route 1

Movement	EB	EB	EB	EB	WB	WB	WB	NB	NB	SB	SB
Directions Served	L	T	T	T	L	T	T	LT	R	LT	R
Maximum Queue (ft)	14	104	126	136	79	229	258	20	74	159	50
Average Queue (ft)	1	24	34	32	4	36	48	1	29	102	15
95th Queue (ft)	10	75	91	97	43	130	154	10	62	166	43
Link Distance (ft)		728	728			374	374	163	163	140	140
Upstream Blk Time (%)							0			8	
Queuing Penalty (veh)							0			0	
Storage Bay Dist (ft)	300			300	210						
Storage Blk Time (%)					0	0					
Queuing Penalty (veh)					0	0					

Network Summary

Network wide Queuing Penalty: 1247