

# Appendix N: Traffic Technical Memorandum



## TECHNICAL MEMORANDUM

**TO:** Michael Griffith, NYCDOT

**FROM:** Seth Wright

**DATE:** July 31, 2008

**PROJECT:** East 125<sup>th</sup> Street Development (PHA No. 0613I)

**RE:** Traffic Trends on the Surrounding Area of the East 125<sup>th</sup> Street Development during the three-year period 2006 to 2008

This technical memorandum assesses the potential effect on the DEIS traffic analysis of extending the Build year for the East 125<sup>th</sup> Street Development project from 2012 to 2016. The assessment examines both the traffic volumes crossing the Triborough Bridge from 2006 through 2008 and the surrounding local streets to identify recent trends in overall traffic volumes in the vicinity of the 125<sup>th</sup> Street corridor.

The East 125<sup>th</sup> Street Development project was originally analyzed with a Build year of 2012 in the DEIS. Subsequent to certification of the DEIS, the project's Build year was extended to 2016 based on current planning for the relocation of the MTA bus parking area into a new bus depot facility east of Second Avenue between East 126<sup>th</sup> Street and East 127<sup>th</sup> Street. The traffic analysis in the DEIS assumed a 0.5 percent per year background growth rate for the 2007 through 2012 period, and included the traffic expected to be generated by a number of No-Build sites including East River Plaza, the 125<sup>th</sup> Street Rezoning, and the Manhattanville project.

In order to determine if the 0.5 percent per year background growth rate is sufficiently conservative to account for the proposed extension of the project's Build year to 2016, data on traffic volumes using the Manhattan Plaza of the Triborough Bridge were reviewed, as these data are assumed to reflect overall trends in traffic volumes in the vicinity of the 125<sup>th</sup> Street corridor. The Triborough Bridge includes two toll plazas, one on the Manhattan approach and the second on the Bronx approach. The MTA Bridges and Tunnels division records every vehicle that passes through each of the two plazas. Table 1 shows the total number of vehicles that have passed through the Manhattan Plaza in each month from January to June in 2006, 2007 and 2008. The data in Table 1 indicate that, while

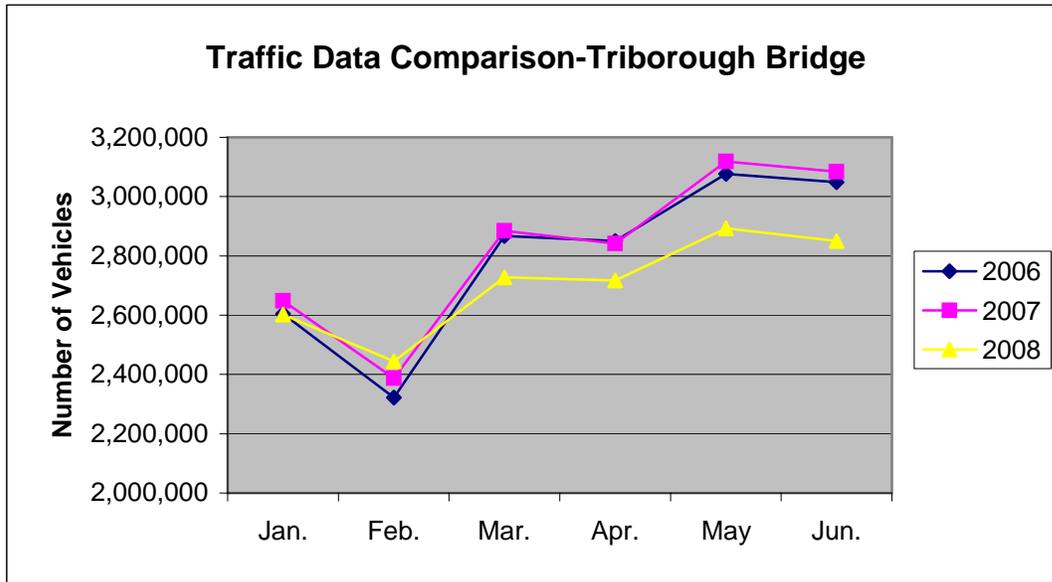
*July 31, 2008*

**Table 1 - Traffic Trend Analysis between 2006 to 2008**

Total traffic traveling in both directions through the Triborough Bridge Manhattan Plaza

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Total
2006	2,604,827	2,322,385	2,867,602	2,849,575	3,076,732	3,049,064	16,770,185
2007	2,648,622	2,387,505	2,883,971	2,841,608	3,118,673	3,083,688	16,964,067
2008	2,601,897	2,443,900	2,728,183	2,716,598	2,892,854	2,850,032	16,233,464

Percentage decline between the overall traffic from the first six months of 2007 and 2008 is -4.50%



Source: MTA Bridges and Tunnels Data

the total number of vehicles during the six-month period rose by approximately 1.1 percent from 2006 to 2007, there has been an approximately 4.5 percent decrease in overall traffic from 2007 to 2008. A key factor in this decrease, which is illustrated in the graph included with Table 1, is likely the recent gradual increases in the price of gasoline. These gasoline price increases likely reflect a long-term trend that is expected to continue for the foreseeable future.

To further confirm this recent reduction of traffic between 2007 and 2008, automatic traffic recorders (ATR's) were placed during the week of July 21<sup>st</sup>, 2008 in order to compare the recent traffic data with the same ATR locations that were collected in both 2006 and 2007. In 2006, ATR data was collected on the eastbound movement of E. 125<sup>th</sup> Street between Lexington Avenue and Third Avenue for the week of Nov. 11<sup>th</sup>. In 2007, ATR data was collected on both Second Avenue between E. 123<sup>rd</sup> Street and E. 124<sup>th</sup> Street, and Third Avenue between E. 121<sup>st</sup> St and E. 122<sup>nd</sup> Street for the week of May 7<sup>th</sup>. The comparison between the 2008 traffic data for weekday was compared to the recent counts collected in July of 2008 and is shown Table 2. Table 2 confirms that traffic has reduced in the past year.

**Table 2 - Local Street Traffic Trend Analysis**

Average Weekday Traffic Totals for a 24 hour period

	2nd Ave betw. 123rd & 124th St	3rd Ave betw. 121st & 122th St	EB E. 125th St betw. Lex & 3rd Ave
2006			11,518
2007	26,870	20,113	
2008	26,485	17,681	9,618
% Decrease	-1.5%	-13.8%	-19.8%

The four-year extension of the proposed project's Build year to 2016 would theoretically result in an increase in overall background traffic volumes of two percent based on a 0.5 percent per year background growth rate. However, given that traffic volumes in the vicinity of the 125<sup>th</sup> Street corridor have apparently decreased by over three percent in the past two years, it is likely that the 0.5 percent per year background growth rate assumed for the 2007 through 2012 period in the DEIS is overly conservative. It is therefore reasonable to assume that the total background growth (plus No-Build site demand) incorporated in the traffic analysis in the DEIS is sufficient to reflect conditions for a Build year of 2016.

## **APPENDIX**

1. TBTA Bridge data - 2006, 2007, 2008 (Jan. to June)
2. ATR Data - 2006, 2007, & 2008

**MTA BRIDGES AND TUNNELS**  
**2006 MONTHLY TOTAL VEHICLES BY FACILITY**  
(paid and non-revenue traffic)

<b>FACILITY</b>	<b>Jan-06</b>	<b>Feb-06</b>	<b>Mar-06</b>	<b>Apr-06</b>	<b>May-06</b>	<b>Jun-06</b>	<b>Jul-06</b>	<b>Aug-06</b>	<b>Sep-06</b>	<b>Oct-06</b>	<b>Nov-06</b>	<b>Dec-06</b>	<b>YTD TOTAL TRAFFIC</b>
Triborough Bronx	2,322,296	2,095,553	2,547,006	2,522,646	2,643,012	2,598,053	2,669,347	2,687,023	2,497,943	2,530,224	2,413,675	2,484,590	30,011,368
Triborough Manhattan	2,604,827	2,322,385	2,867,602	2,849,575	3,076,732	3,049,064	2,875,709	2,968,960	2,899,848	2,980,502	2,880,668	2,870,105	34,245,977
Bronx-Whitestone	3,181,544	2,894,864	3,273,315	3,236,351	3,386,084	3,340,629	3,375,322	3,412,105	3,260,529	3,490,355	3,406,412	3,459,111	39,716,621
Henry Hudson	1,889,305	1,710,423	2,038,670	2,040,854	2,125,342	2,090,239	1,981,541	2,046,425	2,046,710	2,151,979	2,066,053	2,063,246	24,250,787
Marine Parkway	566,085	498,585	617,752	583,080	689,997	711,843	818,729	782,927	658,980	639,154	619,791	632,821	7,819,744
Cross Bay	560,723	501,855	606,848	582,145	652,691	669,960	743,149	688,567	623,822	635,569	609,678	619,004	7,494,011
Queens Midtown	2,275,055	2,095,029	2,522,575	2,454,575	2,528,395	2,545,498	2,434,092	2,532,231	2,443,026	2,604,727	2,465,929	2,472,209	29,373,341
Brooklyn-Battery	1,433,388	1,326,791	1,611,466	1,466,638	1,555,732	1,547,952	1,444,433	1,554,841	1,500,494	1,594,452	1,556,935	1,597,073	18,190,195
Throgs Neck	3,238,199	2,957,820	3,561,781	3,570,788	3,849,687	3,808,528	4,019,968	4,078,441	3,698,363	3,680,224	3,496,086	3,500,504	43,460,389
Verrazano-Narrows (Westbound traffic doubled)	5,601,678	5,015,644	5,973,386	5,869,922	6,130,212	6,144,096	6,139,308	6,274,442	5,906,912	6,053,602	5,845,962	6,122,890	71,078,054
<b>TOTAL</b>	<b>23,673,100</b>	<b>21,418,949</b>	<b>25,620,401</b>	<b>25,176,574</b>	<b>26,637,884</b>	<b>26,505,862</b>	<b>26,501,598</b>	<b>27,025,962</b>	<b>25,536,627</b>	<b>26,360,788</b>	<b>25,361,189</b>	<b>25,821,553</b>	<b>305,640,487</b>

Prepared By Revenue Management  
Jan-10-2008

**MTA BRIDGES AND TUNNELS**  
**2007 MONTHLY TOTAL VEHICLES BY FACILITY**  
 (paid and non-revenue traffic)

<b>FACILITY</b>	<b>Jan-07</b>	<b>Feb-07</b>	<b>Mar-07</b>	<b>Apr-07</b>	<b>May-07</b>	<b>Jun-07</b>	<b>Jul-07</b>	<b>Aug-07</b>	<b>Sep-07</b>	<b>Oct-07</b>	<b>Nov-07</b>	<b>Dec-07</b>	<b>YTD TOTAL TRAFFIC</b>
Triborough Bronx	2,309,536	2,075,655	2,433,660	2,451,656	2,616,930	2,587,839	2,631,252	2,662,231	2,489,835	2,526,156	2,397,989	2,361,413	29,544,152
Triborough Manhattan	2,648,622	2,387,505	2,883,971	2,841,608	3,118,673	3,083,688	2,921,930	2,974,421	2,855,105	2,981,740	2,789,513	2,697,640	34,184,416
Bronx-Whitestone	3,291,694	2,966,654	3,449,823	3,444,488	3,745,226	3,773,985	3,833,084	3,906,802	3,611,168	3,610,099	3,517,223	3,460,925	42,611,171
Henry Hudson	1,921,661	1,723,627	2,023,011	1,972,638	2,194,837	2,124,883	2,023,729	2,063,008	2,024,750	2,164,631	2,043,531	1,928,232	24,208,538
Marine Parkway	587,966	510,231	620,382	587,333	711,180	767,868	818,298	799,505	675,675	641,630	597,199	603,610	7,920,877
Cross Bay	600,869	524,961	628,290	605,282	700,864	733,153	742,962	722,387	663,124	670,430	612,706	603,208	7,808,236
Queens Midtown	2,374,329	2,171,815	2,550,589	2,455,232	2,612,232	2,577,547	2,428,060	2,583,555	2,464,128	2,641,483	2,500,659	2,426,930	29,786,559
Brooklyn-Battery	1,533,848	1,412,716	1,662,525	1,523,006	1,646,676	1,650,298	1,515,450	1,584,340	1,475,856	1,617,799	1,506,381	1,509,381	18,638,276
Throgs Neck	3,276,194	2,929,137	3,410,853	3,431,443	3,776,395	3,717,033	3,801,728	3,904,106	3,599,840	3,638,166	3,435,451	3,266,615	42,186,961
Verrazano-Narrows (Westbound traffic doubled)	5,716,034	5,105,800	5,948,030	5,849,232	6,291,972	6,255,438	6,156,372	6,305,458	5,862,316	6,008,964	5,714,708	5,857,084	71,071,408
<b>TOTAL</b>	<b>24,260,753</b>	<b>21,808,101</b>	<b>25,611,134</b>	<b>25,161,918</b>	<b>27,414,985</b>	<b>27,271,732</b>	<b>26,872,865</b>	<b>27,505,813</b>	<b>25,721,797</b>	<b>26,501,098</b>	<b>25,115,360</b>	<b>24,715,038</b>	<b>307,960,594</b>

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**MTA BRIDGES AND TUNNELS**  
**2008 MONTHLY TOTAL VEHICLES BY FACILITY**  
 (paid and non-revenue traffic)

<b><u>FACILITY</u></b>	<b><u>Jan-08</u></b>	<b><u>Feb-08</u></b>	<b><u>Mar-08</u></b>	<b><u>Apr-08</u></b>	<b><u>May-08</u></b>	<b><u>Jun-08</u></b>	<b><u>Jul-08</u></b>	<b><u>Aug-08</u></b>	<b><u>Sep-08</u></b>	<b><u>Oct-08</u></b>	<b><u>Nov-08</u></b>	<b><u>Dec-08</u></b>	<b><u>YTD TOTAL TRAFFIC</u></b>
Triborough Bronx	2,295,605	2,171,538	2,410,623	2,405,223	2,514,149	2,456,550							14,253,688
Triborough Manhattan	2,601,897	2,443,900	2,728,183	2,716,598	2,892,854	2,850,032							16,233,464
Bronx-Whitestone	3,341,306	3,120,155	3,540,137	3,543,464	3,727,381	3,845,348							21,117,791
Henry Hudson	1,873,704	1,742,741	1,937,681	1,935,205	2,038,007	1,972,007							11,499,345
Marine Parkway	586,469	541,231	614,100	611,958	681,366	745,763							3,780,887
Cross Bay	603,441	558,238	620,489	626,406	666,337	722,284							3,797,195
Queens Midtown	2,347,467	2,233,185	2,510,004	2,409,609	2,516,334	2,476,866							14,493,465
Brooklyn-Battery	1,461,468	1,395,852	1,522,906	1,459,913	1,500,142	1,490,604							8,830,885
Throgs Neck	3,209,811	2,998,085	3,408,569	3,393,964	3,577,340	3,379,750							19,967,519
Verrazano-Narrows (Westbound traffic doubled)	5,634,956	5,242,272	5,872,184	5,752,952	6,009,188	5,952,470							34,464,022
<b><u>TOTAL</u></b>	<b><u>23,956,124</u></b>	<b><u>22,447,197</u></b>	<b><u>25,164,876</u></b>	<b><u>24,855,292</u></b>	<b><u>26,123,098</u></b>	<b><u>25,891,674</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>0</u></b>	<b><u>148,438,261</u></b>

Note: April thru May 2008 figures are subject to Final Audit.

Prepared By Revenue Management

# Weekly Summary Report

Generated by MSC3000 Version 2.02l Alpha(Nov 30 1995 08:53:01) Copyright 1990-1993 Mitron

Location ..... 9. 125th St. EB, bet Lexington & 2nd Ave  
 Location Code ..... 9  
 Jurisdiction ..... NYC  
 Recorder Set ..... 11/08/06 10:06  
 Recording Start ... 11/08/ 6 14:00  
 Recording End ..... 11/20/ 6 10:45  
 Sample Time ..... 15 Minutes  
 Operator Number ...  
 Machine Number .... 63  
 Channel ..... 1  
 Recorder Mode ..... Volume

Week of November 5, 2006. Channel: 1 Direction: E

End Time	5 Sun	6 Mon	7 Tue	8 Wed	9 Thu	10 Fri	11 Sat	Wkday Avg.	Daily Avg.
01:00					348	0	489	174	279
02:00					213	0	386	107	200
03:00					137	0	316	69	151
04:00					140	0	317	70	152
05:00					177	0	297	89	158
06:00					314	0	255	157	190
07:00					520	0	406	260	309
08:00					635	0	416	318	350
09:00					698	0	422	349	373
10:00					654	0	505	327	386
11:00					455	0	471	228	309
12:00					279	473	509	376	420
13:00					533	557	413	545	501
14:00					582	590	476	586	549
15:00				721	530	629	528	627	602
16:00				645	0	515	579	387	435
17:00				614	0	468	578	361	415
18:00				605	0	408	547	338	390
19:00				684	0	562	598	415	461
20:00				679	0	644	664	441	497
21:00				577	0	496	636	358	427
22:00				539	0	576	622	372	434
23:00				485	0	545	624	343	414
24:00				461	0	598	628	353	422
Totals				6010	6215	7061	11682	7646	8824

% Avg Wkday	78.6	81.3	92.3	152.8
% Avg Day	68.1	70.4	80.0	132.4
AM Peak Hr		09:00	12:00	12:00
AM Count		698	473	509
PM Peak Hr	15:00	14:00	20:00	20:00
PM Count	721	582	644	664

# Weekly Summary Report

Location ..... 9. 125th St. EB, bet Lexington & 2nd Ave  
Location Code ..... 9  
Jurisdiction ..... NYC  
Recorder Set ..... 11/08/06 10:06  
Recording Start ... 11/08/ 6 14:00  
Recording End ..... 11/20/ 6 10:45  
Sample Time ..... 15 Minutes  
Operator Number ...  
Machine Number .... 63  
Channel ..... 1  
Recorder Mode ..... Volume

Week of November 12, 2006. Channel: 1 Direction: E

End Time	12 Sun	13 Mon	14 Tue	15 Wed	16 Thu	17 Fri	18 Sat	Wkday Avg.	Daily Avg.
01:00	530	294	280	292	362	309	520	307	370
02:00	415	194	163	190	229	213	451	198	265
03:00	406	158	139	124	158	167	313	149	209
04:00	356	143	151	132	167	158	290	150	200
05:00	361	182	164	174	197	217	319	187	231
06:00	269	295	267	271	274	302	289	282	281
07:00	350	465	548	352	526	578	326	494	449
08:00	276	570	596	0	570	626	358	472	428
09:00	323	564	588	0	624	625	473	480	457
10:00	366	617	730	0	575	594	518	503	486
11:00	400	526	676	0	600	506	517	462	461
12:00	425	521	525	31	539	499	574	423	445
13:00	444	469	563	553	567	604	556	551	537
14:00	516	514	431	596	567	592	567	540	540
15:00	603	607	599	674	663	655	537	640	620
16:00	578	572	543	599	596	598	512	582	571
17:00	573	561	667	617	625	568	543	608	593
18:00	572	527	668	604	400	640	558	568	567
19:00	584	478	520	574	576	561	647	542	563
20:00	492	516	577	559	559	641	658	570	572
21:00	508	497	528	532	567	594	638	544	552
22:00	468	492	534	550	559	604	639	548	549
23:00	373	401	404	477	496	458	647	447	465
24:00	321	338	384	409	399	606	616	427	439
Totals	10509	10501	11245	8310	11395	11915	12066	10673	10849

% Avg Wkday 98.5 98.4 105.4 77.9 106.8 111.6 113.0  
% Avg Day 96.9 96.8 103.7 76.6 105.0 109.8 111.2

AM Peak Hr 01:00 10:00 10:00 07:00 09:00 08:00 12:00  
AM Count 530 617 730 352 624 626 574

PM Peak Hr 15:00 15:00 18:00 15:00 15:00 15:00 20:00  
PM Count 603 607 668 674 663 655 658

ATI - DATA MANAGEMENT SYSTEM  
60 MINUTES, 1 CHANNEL VEHICLE COUNT

REFERENCE: 17070000  
 LOCATION : 2nd AVE BET E.123rd & 124 th ST  
 ATR # : 400125  
 COMMENTS : LOC #1

FILENAME: 400125.DAT  
 WEEK OF MONDAY 04/30/07

CH1 : SB

CH1	Monday 30	Tuesday 1	Wednesday 2	Thursday 3	Friday 4	Saturday 5	Sunday 6	WEEKDAY AVERAGE
BEGINS	CH1	CH1	CH1	CH1	CH1	CH1	CH1	CH1
12 AM	*	*	511	440	623	430	406	525
1	*	*	386	339	408	320	309	378
2	*	*	271	239	353	233	226	288
3	*	*	285	217	323	199	187	275
4	*	*	350	313	421	302	273	361
5	*	*	656	507	769	624	436	644
6	*	*	1360	895	1587	828	785	1281
7	*	*	1974	1546	1926	1263	1064	1815
8	*	*	2096	1744	1969	1569	1315	1936
9	*	*	1901	1709	1976	1647	1513	1862
10	*	*	1647	1543	1730	1420	1333	1640
11	*	*	1588	1199	1278	1190	1117	1355
12 PM	*	*	1359	293	1301	1215	0	984
1	*	*	1290	0	1276	1197	0	855
2	*	*	1319	0	1275	1123	1399	865
3	*	*	1597	951	1556	1390	1565	1368
4	*	*	1816	1762	1790	1624	1487	1789
5	*	*	1935	1641	1817	1660	1483	1798
6	*	*	1868	1835	1900	1629	1696	1868
7	*	*	1627	1663	1666	1610	1440	1652
8	225	*	1042	1164	1097	1068	1253	882
9	890	*	962	1045	989	906	1066	972
10	774	*	1021	863	958	860	867	904
11	819	*	658	724	709	644	681	728
TOTALS	*	2708	29519	22632	29697	24951	21901	27025

% AVERAGE  
WEEKDAY

AM PK HR  
VOLUME

PM PK HR  
VOLUME

109.9

8:00

9:00

5:00

1935

890

8:00

2096

9:00

1976

6:00

1900

5:00

1835

8:00

1744

9:00

1647

5:00

1660

6:00

1900

6:00

1696

8:00

1936

6:00

1868

ATI - DATA MANAGEMENT SYSTEM  
60 MINUTES, 1 CHANNEL VEHICLE COUNT

REFERENCE: 17070000  
LOCATION: 2nd AVE BET E.123rd & 124 th ST  
ATR # : 400125  
COMMENTS : LOC #1

FILENAME: 400125.DAT  
WEEK OF MONDAY 05/07/07

CHI : SB

HOURLY BEGINS	Monday 7	Tuesday 8	Wednesday 9	Thursday 10	Friday 11	Saturday 12	Sunday 13	WEEKDAY AVERAGE
	CHI	CHI	CHI	CHI	CHI	CHI	CHI	CHI
12 AM	475	452	396	436	486	643	*	449
1	320	324	270	341	347	479	*	320
2	296	257	224	269	298	420	*	269
3	319	255	217	226	273	349	*	258
4	346	380	316	312	321	348	*	335
5	715	685	519	658	590	408	*	633
6	1468	1442	1258	1319	1202	640	*	1338
7	1801	2063	1731	1784	1539	801	*	1784
8	1920	2122	1701	1836	1618	1135	*	1839
9	1887	2123	1431	1763	1585	1016	*	1758
10	1506	1778	1642	1593	1460	991	*	1596
11	1353	1525	1546	1176	1324	1064	*	1385
12 PM	1317	1207	1320	1195	1240	1126	*	1256
1	1198	1100	1249	1164	1055	1270	*	1153
2	1347	1262	1438	1387	1243	1407	*	1335
3	1486	1339	1710	1467	1633	1479	*	1527
4	1582	1490	1734	1443	1443	529	*	1538
5	1930	1512	1640	1486	1306	*	*	1575
6	1745	1640	1665	1757	1699	*	*	1701
7	1333	1459	1446	1404	1580	*	*	1444
8	1013	938	984	1089	1195	*	*	1044
9	902	841	901	913	1043	*	*	920
10	771	672	775	802	1013	*	*	807
11	632	581	572	658	945	*	*	678
TOTALS	27662	27447	26685	26478	26438	14105	*	26942
% AVERAGE WEEKDAY	102.7	101.9	99.0	98.3	98.1			
AM PK HR VOLUME	8:00 1920	9:00 2123	7:00 1731	8:00 1836	8:00 1618	8:00 1135	*	8:00 1839
PM PK HR VOLUME	5:00 1930	6:00 1640	4:00 1734	6:00 1757	6:00 1699	3:00 1479	*	6:00 1701

ATI - DATA MANAGEMENT SYSTEM  
60 MINUTES, 1 CHANNEL VEHICLE COUNT

REFERENCE: 22010000  
 LOCATION : 3rd AVE BET E.121st & 122 nd ST.  
 ATR # : 200710  
 COMMENTS : LOC #2  
 FILENAME: 200710.DAT  
 WEEK OF MONDAY 04/30/07  
 CHI : NB

Hour Begins	Monday 30	Tuesday 1	Wednesday 2	Thursday 3	Friday 4	Saturday 5	Sunday 6	WEEKDAY AVERAGE
	CHI	CHI	CHI	CHI	CHI	CHI	CHI	CHI
12 AM	*	*	347	410	415	508	452	391
1	*	*	260	231	293	424	395	261
2	*	*	156	189	192	337	312	179
3	*	*	136	155	175	272	257	155
4	*	*	155	187	204	304	259	182
5	*	*	235	245	255	287	266	245
6	*	*	483	472	472	286	283	476
7	*	*	846	879	960	479	450	895
8	*	*	1148	1151	1280	685	584	1193
9	*	*	992	1132	1171	752	675	1098
10	*	*	979	902	1065	968	853	982
11	*	*	828	1003	1139	964	898	990
12 PM	*	*	932	837	1140	847	176	970
1	*	*	994	1123	1069	931	0	1062
2	*	*	1131	1056	1341	970	784	1176
3	*	*	1236	1494	1612	1119	1121	1447
4	*	*	1454	1501	1415	1195	1259	1457
5	*	*	1531	1392	1472	1147	1316	1465
6	*	*	1301	1496	1617	1065	1113	1471
7	*	*	1272	1317	1523	941	898	1371
8	*	*	918	1007	1165	782	736	1030
9	*	703	669	782	855	575	584	752
10	*	622	642	662	790	547	566	679
11	*	519	482	510	693	473	472	551
TOTALS	*	1844	19127	20133	22313	16858	14709	20478
% AVERAGE WEEKDAY	*	9.0	93.4	98.3	109.0			
AM PK HR VOLUME	*	*	8:00 1148	8:00 1151	8:00 1280	10:00 968	11:00 898	8:00 1193
PM PK HR VOLUME	*	9:00 703	5:00 1531	4:00 1501	6:00 1617	4:00 1195	5:00 1316	6:00 1471

ATI - DATA MANAGEMENT SYSTEM  
60 MINUTES, 1 CHANNEL VEHICLE COUNT

REFERENCE: 22010000  
 LOCATION : 3rd AVE BET E.121st & 122 nd ST.  
 ATR # : 200710  
 COMMENTS : LOC #2

FILENAME: 200710.DAT  
 WEEK OF MONDAY 05/07/07

CH1 : NB

CH1	Monday 7	Tuesday 8	Wednesday 9	Thursday 10	Friday 11	Saturday 12	Sunday 13	WEEKDAY AVERAGE
BEGINS	CH1	CH1	CH1	CH1	CH1	CH1	CH1	CH1
12 AM	372	347	349	391	391	560	*	370
1	245	229	232	256	302	435	*	253
2	203	141	165	178	232	295	*	184
3	187	130	138	152	196	259	*	161
4	183	156	161	194	191	266	*	177
5	255	231	251	257	244	238	*	240
6	445	461	484	430	477	317	*	459
7	814	853	863	872	843	547	*	849
8	1211	1172	1115	1175	1103	779	*	1155
9	1060	1019	996	1105	1094	904	*	1055
10	846	887	979	974	1081	1100	*	953
11	989	981	951	1031	1125	1091	*	1015
12 PM	946	1046	1057	997	1205	1157	*	1050
1	1068	1064	1100	1071	1183	1136	*	1097
2	1107	1086	1203	1181	1426	1192	*	1201
3	1400	1259	1541	1522	1450	1152	*	1434
4	1562	1581	1714	1508	1336	651	*	1540
5	1478	1467	1666	1614	1587	*	*	1562
6	1424	1428	1247	1536	1579	*	*	1443
7	1286	1313	1178	1329	1428	*	*	1307
8	928	870	986	961	1039	*	*	957
9	669	687	734	779	800	*	*	734
10	555	562	645	673	657	*	*	618
11	417	468	501	495	680	*	*	512
TOTALS	19650	19438	20220	20681	21649	12079	*	20326

% AVERAGE  
WEEKDAY

AM PK HR  
VOLUME

PM PK HR  
VOLUME

96.7 95.6 99.5 101.7 106.5 10:00 11:00 8:00 8:00

1211 1172 1115 1175 1125 1100 1100 1115

4:00 4:00 4:00 5:00 5:00 2:00 5:00 5:00

1562 1581 1714 1614 1587 1192 1562 1562

ATI - DATA MANAGEMENT SYSTEM  
60 MINUTES, 1 CHANNEL VEHICLE COUNT

REFERENCE: 30034000  
LOCATION : 125th ST BET 3rd AVE AND LEXINGTON AVE  
ATR # : 400108  
COMMENTS : LOC#3

FILENAME: 400108.DAT  
WEEK OF MONDAY 07/21/08

CH1 : EB

CH1	Monday 21	Tuesday 22	Wednesday 23	Thursday 24	Friday 25	Saturday 26	Sunday 27	WEEKDAY AVERAGE
12 AM								
1	349	349	355	306	426	516	517	359
2	224	224	240	228	311	432	412	251
3	166	166	157	186	200	285	340	177
4	129	129	157	147	184	287	299	154
5	141	141	147	128	160	298	305	144
6	206	206	214	210	241	300	301	218
7	387	387	365	376	420	313	229	387
8	486	486	443	511	506	248	238	487
9	496	496	574	535	545	424	310	538
10	464	464	481	479	437	404	341	465
11	499	499	490	496	460	399	343	486
12 PM								
1	433	433	518	467	457	467	392	469
2	383	383	523	457	465	471	396	457
3	446	446	482	529	391	496	418	462
4	518	518	583	531	301	522	433	483
5	493	493	552	470	446	485	554	490
6	397	397	504	357	402	439	549	415
7	415	415	432	286	389	529	521	381
8	514	514	475	416	481	548	154	472
9	467	467	433	470	469	491	*	460
10	445	445	471	514	518	510	*	487
11	510	510	364	498	569	567	*	485
12	446	446	456	518	567	556	*	419
TOTALS	469	9431	9814	9610	9917	10493	7052	9595

% AVERAGE WEEKDAY

AM PK HR VOLUME

PM PK HR VOLUME

11:00 361

2:00 518

8:00 499

10:00 499

11:00 2:00 583

12:00 574

1:00 535

2:00 531

3:00 554

4:00 490

5:00 517

6:00 538

7:00 517

8:00 538

9:00 516

10:00 516

11:00 572

12:00 554

1:00 554

2:00 554

3:00 554

4:00 490

5:00 517

6:00 538

7:00 517

8:00 538

9:00 516

10:00 516

11:00 572

12:00 554

1:00 554

2:00 554

3:00 554

4:00 490

ATI - DATA MANAGEMENT SYSTEM  
60 MINUTES, 1 CHANNEL VEHICLE COUNT

FILENAME: 20079.DAT  
WEEK OF MONDAY 07/21/08

REFERENCE: 30031000  
LOCATION: 2nd AVE BET E 123rd ST & 124th ST  
ATR # : 20079  
COMMENTS : LOCH#1

CH1 : SB

HOURLY BEGINS	Monday 21	Tuesday 22	Wednesday 23	Thursday 24	Friday 25	Saturday 26	Sunday 27	WEEKDAY AVERAGE
	CHI	CHI	CHI	CHI	CHI	CHI	CHI	CHI
12 AM	*	463	540	1123	573	758	802	675
1	*	368	400	463	465	654	694	424
2	*	282	361	352	410	498	562	351
3	*	285	311	301	407	443	489	326
4	*	394	363	354	425	391	444	384
5	*	651	660	719	669	487	397	675
6	*	1349	1321	1249	1425	624	369	1336
7	*	1502	1734	1568	1915	760	467	1680
8	*	1839	2083	1964	1903	1058	768	1947
9	*	2041	2089	1830	2017	1012	575	1994
10	*	2032	1612	1783	1413	1053	790	1710
11	*	1543	1369	1450	1000	840	761	1341
12 PM	*	1219	1218	1213	1426	1100	855	1269
1	*	1206	1238	1218	1326	1132	263	1247
2	*	1304	1320	1230	1332	1251	1301	1297
3	*	1221	987	1234	1384	1241	1392	1207
4	*	1279	1280	1444	1276	1282	1373	1320
5	*	1282	1321	1348	1431	1182	1371	1346
6	*	1186	1285	1500	1407	1437	899	1345
7	*	1174	1096	1303	1288	1365	*	1215
8	*	328	904	980	1445	1072	*	914
9	*	0	774	932	1081	1116	*	697
10	*	0	614	819	1068	1111	*	625
11	543	376	998	714	932	959	*	713
TOTALS	543	23324	25878	27091	28018	22826	14572	26038

% AVERAGE WEEKDAY

2.1 89.6 99.4 104.0 107.6 8:00 1058 12:00 1994

AM PK HR \* 9:00 2041 9:00 2017 8:00 1058 9:00 1994

VOLUME \* 2:00 1304 5:00 1321 6:00 1437 3:00 1392 5:00 1346

PM PK HR 11:00 543 2:00 1304 5:00 1321 6:00 1437 3:00 1392 5:00 1346

ATI - DATA MANAGEMENT SYSTEM  
60 MINUTES, 1 CHANNEL VEHICLE COUNT

FILENAME: 600138.DAT  
WEEK OF MONDAY 07/21/08

REFERENCE: 30025000  
LOCATION: 3rd AVE BET E 121st ST & E 122nd ST  
ATR # : 600138  
COMMENTS : LOC#2

CHI : NB

HOURLY BEGINS	Monday 21	Tuesday 22	Wednesday 23	Thursday 24	Friday 25	Saturday 26	Sunday 27	WEEKDAY AVERAGE
CHI	CHI	CHI	CHI	CHI	CHI	CHI	CHI	CHI
12 AM	*	351	345	301	388	554	470	346
1	*	251	266	159	299	390	325	244
2	*	167	193	143	228	339	321	183
3	*	154	159	164	189	259	257	167
4	*	164	175	163	208	277	281	178
5	*	259	254	256	277	281	271	262
6	*	468	482	475	452	318	330	469
7	*	755	736	667	762	434	448	730
8	*	1039	1020	907	1042	528	486	1002
9	*	938	923	961	1138	703	426	990
10	*	488	982	808	1185	788	551	866
11	*	341	1035	671	896	914	591	736
12 PM	*	311	1007	828	1398	894	643	886
1	*	569	1004	1104	1502	1015	734	1045
2	*	1068	1070	1067	1660	892	760	1216
3	*	1258	1334	1338	1599	1040	768	1382
4	*	1466	1343	1562	1711	996	829	1521
5	*	1479	1460	1452	1585	978	750	1494
6	*	1311	1299	1388	1404	984	457	1351
7	*	1061	931	1236	1148	860	*	1094
8	*	657	809	975	958	761	*	850
9	*	648	610	735	856	787	*	712
10	*	575	480	626	671	624	*	588
11	236	501	338	522	626	570	*	445
TOTALS	236	16279	18255	18508	22182	16186	9698	18757

% AVERAGE WEEKDAY

AM PK HR VOLUME

PM PK HR VOLUME

11:00 236

5:00 1479

8:00 1039

9:00 961

10:00 1185

11:00 591

4:00 829

4:00 1521

8:00 1002